Usenet Newsgroup Archive: rec.radio.scanner

1994-08 - 1994-12

These Usenet messages were preserved as a plain-text archive. This PDF was generated by Digital Library of Amateur Radio & Communications from the source text file in 2026.

Date span: 1994-08-01 through 1994-12-30

Source text: rec.radio.scanner.txt

Source item: https://archive.org/details/usenet-rec

Messages included in this PDF: 7,560

Message records with no readable body available in the source text: 24

Messages are presented chronologically by archived date.

Binary or encoded payloads are not printed as blocks of encoded text; a placeholder appears where such material was detected. The original source text is unchanged.

1. Antenna connector

Newsgroup: rec.radio.scanner
Date: 1994-08-01 00:40:00 UTC
From: steve.andrews@lunatic.com
Message-ID: <3812.1347.uupcb@lunatic.com>
Source record: 271072

I have a Bearcat BC200XLT handheld scanner. Over the years I have switched antennas enough to wear out the connector. I get a lot of noise and cutting out when I touch or wiggle the whip.

It seems the female hole that receive the male pin in the connector has been worn to a larger diameter and is not grasping the pic tight enough.

Is there a way to replace this female connector and what is involved. I have for years resisted the urge to crack the case on this puppy but guess Im gonna have to now.

Any help would be appreciated.

-steve

... This tagline is SHAREWARE! To register, send me $10
___ Blue Wave/QWK v2.12

-=-=-=

2. Re: wireless bugs

Newsgroup: rec.radio.scanner
Date: 1994-08-01 00:46:30 UTC
From: Todd_Heckaman@aardvark.bah.rochester.ny.us
Message-ID: <00060C1B.fc@aardvark.bah.rochester.ny.us>
Source record: 271060

Most micro wireless bugs operate in the 88-108 Mhz range (FM music radio) but some can be tuned past 108 and into 120 and 130 Mhz. Unfortunately your scanner isn't capable of monitoring these frequencies so the only thing I can think of it that radio shack wireless transmitter thing for like 50 bucks... I have one, its on 49.860 I think.
** Via the Aardvark Burrow BBS - 1-716-383-1372**

3. Homebrew FM radio station

Newsgroup: rec.radio.scanner
Date: 1994-08-01 00:54:52 UTC
From: Todd_Heckaman@aardvark.bah.rochester.ny.us
Message-ID: <00060C1D.fc@aardvark.bah.rochester.ny.us>
Source record: 271061

Hi, I'm setting up a very low power radio station for fun, (got that kit from Ramsey Electronics) and need some antenna ideas. I use a half-wave dipole for cordless phones which works extremely well, but if I were to cut one to length for ,say, 100Mhz, could I transmit efficiently on it? They reccomend a "dipole". If a half wave dipole for 49 Mhz is 10 feet, would the dipole be 20 feet?
** Via the Aardvark Burrow BBS - 1-716-383-1372**

4. Re: manual for pro-39

Newsgroup: rec.radio.scanner
Date: 1994-08-01 01:26:54 UTC
From: Douglas Traubert <dougtraubert@delphi.com>
Message-ID: <BC8TDFm.dougtraubert@delphi.com>
Source record: 271057

Doug.

5. Re: Rat Shack Freq Counter to find Tx Freq?

Newsgroup: rec.radio.scanner
Date: 1994-08-01 01:27:59 UTC
From: zdanowsk@intac.com
Message-ID: <zdanowsk.27.0001777B@intac.com>
Source record: 271067

In article <316dpc$3ve@search01.news.aol.com> wwhitby@aol.com (Wwhitby) writes:
>From: wwhitby@aol.com (Wwhitby)
>Subject: Re: Rat Shack Freq Counter to find Tx Freq?
>Date: 27 Jul 1994 15:50:04 -0400

>In article <1994Jul27.165437.13118@news.csuohio.edu>,
>mike@garfield.csuohio.edu (Mike Mayer) writes:

>>However, this unit could be modified (I did it, it works) to have a hold
>button.

>Could you e-mail me the mod for adding a hold button to my Radio Shack
>frequency counter?

>Warren Whitby
>wwhitby@aol.com
>73s de KE4ITL

Me too. zdanowsk@intac.com

6. ACAR's Receiver Experienc

Newsgroup: rec.radio.scanner
Date: 1994-08-01 01:39:00 UTC
From: larry.nebron@pcgfx.com
Message-ID: <e7.7758.2508.0NE7309B@pcgfx.com>
Source record: 271058

HELP! I'm looking for a low cost receiver to use with my M1200 to read ACAR's. I know for a fact that a YUPI 7100, Icom 7100, Yeasu 9600 and old Regency will work fine. I know a Pro 2004/5/6 ,Pro39/41,Pro 2028,AOR-900, and Sony 2010, will not work.

Anyone out there using an M1200 or M400 to read ACAR's; What type of receiver are you using?

Thanks

Larry
---
* QMPro 1.52 * Danger: Shortwave listening is habit forming!

7. Re: ANY AND ALL FREQ. FOR BAY AREA

Newsgroup: rec.radio.scanner
Date: 1994-08-01 03:09:20 UTC
From: royh@netcom.com
Message-ID: <royhCtu63K.M15@netcom.com>
Source record: 271059
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.privacy

>If you haven't already check into the B.A.S.E. Club (Bay Area Scanner
>Enthusiast) the even run their own BBS.

Could someone post more complete contact info?

Thanks!

8. info on DDI? (digital data interpreter)

Newsgroup: rec.radio.scanner
Date: 1994-08-01 03:29:35 UTC
From: jl@lpl.arizona.edu
Message-ID: <31hq6v$guc@news.CCIT.Arizona.EDU>
Source record: 271062
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

Does anyone have any information on a device that can decode digital computer transmissions encoded on an audio signal? (And optimally interpret the digital data as cellular phone comands.)

I have heard about a DDI test set, but the information is a bit dated. Does anyone have any more recent information on this product? (Or really any piece of equipment that can decode cellular phone transmissions.)

Thanks much,

Joshua.

--
jl@lpl.arizona.edu jl@axis.lpl.arizona.edu

9. Re: Pro-51 Bands

Newsgroup: rec.radio.scanner
Date: 1994-08-01 03:34:02 UTC
From: jaylgold@crl.com
Message-ID: <31hqfa$he9@crl3.crl.com>
Source record: 271063
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Soren Ragsdale (soren_ragsdale@path1a.med.upenn.edu) wrote:
: Just got a list of bands that the Pro-51 will scan (officially without
: mods).

: 29-54 Mhz
: 108-136.975 Mhz
: 137-174 Mhz
: 406-512 Mhz
: 806-824 Mhz
: 851-869 Mhz
: 896-956 Mhz

: Is this missing anything really crucial? Which bands are opened up with
: the software mod? Does anyone have the actual key combination for
: modifying it?

Radio will get 800mhz band continuous up to 956 mhz.

Not without knowing the trick of course!
Mine is great. Works great, no intermod and scans a whopping 50 channels per second. I bench tested my radio the other day and it was scanning at about 60 channels per second. Faster than you'll probably need, yet efficient enough to catch all the action.

Jay

10. Re: Annopolis, Md freqs needed...

Newsgroup: rec.radio.scanner
Date: 1994-08-01 04:00:04 UTC
From: tigers26@aol.com
Message-ID: <31hs04$e1i@search01.news.aol.com>
Source record: 271064

In article <31933m$5mh@news1.digex.net>, davew@access1.digex.net (Dave Whitney) writes:

>need Annapolis freq<

The Annapolis police are in the 800s. But you could find fire and other police of the surrounding area in the mid-100s. Good repeater action would be around 140-160 or so. Another spot might be in the mid 400s.

Hope this helps. :-)

11. NEEDED: PRO-2032 MOD

Newsgroup: rec.radio.scanner
Date: 1994-08-01 05:00:14 UTC
From: tsai@casbah.acns.nwu.edu
Message-ID: <31hvgu$pqa@news.acns.nwu.edu>
Source record: 271068

Could someone please post the MODS for a PRO-2032 scanner ??

Much Appreciated,

Jim

12. Pro 32 MODS

Newsgroup: rec.radio.scanner
Date: 1994-08-01 06:33:35 UTC
From: michaelf@utxvms.cc.utexas.edu
Message-ID: <1994Aug1.003335.1@utxvms.cc.utexas.edu>
Source record: 271066

I'm looking for the MODS for a Rat Shack Pro-32. I've noted there's a lot
of other people looking to, so is it possible to MOD this unit?
Tanks'

13. FCC License Data Sources

Newsgroup: rec.radio.scanner
Date: 1994-08-01 07:00:22 UTC
From: bill@thd.tv.tek.com
Message-ID: <31i6i6$ico@news.tv.tek.com>
Source record: 271069
Cross-posted to: rec.radio.scanner,rec.radio.info

[last changed 05-Jul-94]

Changes preceeded by "|". Please e-mail corrections and additions to me.

INTRODUCTION

This is a list of FCC license data sources available to scanner listeners. The FCC master contains a wealth of data about every non-government license in the United States. Most of the sources below contain a subset of this data, although a few contain all of it. Government licenses are not administered by the FCC, and the data is not available to the public.

If you are interested in purchasing the data, you might want to consider forming a co-op of people in your area to share the cost. As far as I know, this is legal since the information is in the public domain. However, most software supplied to view or manipulate the data is copyrighted and must be purchased separately by each user.

Prices are rounded to the nearest dollar and include shipping, if known.

C.E.T.

CET sells records of all stations inside a 30-mile radius for $80. (Major cities cost extra.) A 70-mile search costs $178. The data is provided on floppy disks and is available in ASCII columnar and comma-delimited formats.

CET does not provide data for licenses that do not contain specific geographic coordinates (i.e., mobile-only systems) or specific operating frequencies (e.g., amateur radio).

To do the search, CET requires the latitude and longitude of the center of the 30-mile radius. I calculated mine from a USGS topographic map I obtained at a local nautical supply store. Alternatively, you can obtain the coordinates for your town from the University of Michigan's geographic name server. Run "telnet 141.212.99.9 3000" and enter your zip code. For my area, the server returned the coordinates of the main post office.

CET can be reached at 800-445-0297.

GROVE

Grove sells FCC data on disk by state. The first state is $40, and each additional state is $30 (add $10 for CA, FL, TX). The disk comes with a database search program. Grove Enterprises can be reached at 800-438-8155.

MICROFICHE

The Bearcat Radio Club sells the FCC master by state for $15. Bearcat Radio Club can be reached at P.O. Box 291918, Kettering OH, 45429.

PERCON

PerCon sells a variety of FCC data on CD-ROM and floppy. CD-ROMs are available by region or category, and floppies are available by state. Also available is a CD-ROM of the entire US (2.5 million records). Data is updated approximately every six months.

State floppies are $60 per state (add $5 for CA, FL, NY, TX, PA, OH, IL). Regional and full US CD-ROMs are $105 each. CD ROMs by category are $155 each. Quantity discounts available. PerCon can be reached at 716-386-6015.

POLICE CALL

This is probably the most cost-effective source of public service license information. The detail is limited, but the information that is there is often more useful than the FCC master. For example, an entry in Police Call that reads, "Portland Police, Net 3, North Precinct," reads, "Portland, City of" in the master.

Police call is available in 9 volumes covering different regions of the US. It can be purchased at Radio Shack stores for $10 per volume.

SCANWARE ASSOCIATES

ScanWare Associates sells a PC-based database program called the FCC Frequency Retrieval System V2.0. It comes with FCC data for one state, covering all services from 10 kHz through 2036 MHz. Data is updated approximately every six months (last update was Dec. 1, 1993).

Cost is $35 for the first state and $20 for each additional state. (Add $5 for CA, FL, TX, NY.) Quantity discounts available. Fully working shareware copy downloadable from their BBS at 206-871-4228 (FCC200.ZIP). ScanWare Associates can be reached at 206-698-1383 (voice) or 206-698-8207 (fax).

APPENDIX

Here is table of data fields in the FCC master. Fields provided by various products are indicated by "#" or the field length, if known.

PERCON PERCON PERCON POLICE SCAN
DESCRIPTION SIZE CET GROVE FLOPPY US CD OTHER CD CALL WARE
Frequency (or Lower Limit) 16 11 12 16 16 16 # 11
Upper Frequency Limit 16 16 16 11
Callsign 10 8 10 10 10 10 # 10
Service Code 2 2 2 2 2 2 # 2
| Licensee DBA Name 40 32 30 40 40 40 # 40
Licensee State 2 2 2 2
Licensee Zip 9 5 9 9

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Licensee Address 35 30 35
Licensee City 20 15 20 20
| Licensee Name 200 100
Applicant Phone 10 10
Transmitter Latitude 6 6 6 6 6 6 6
Transmitter Longitude 7 7 7 7 7 7 7
Transmitter Elevation 5 5 5 5 5
Transmitter Height 5 5 5 5 5 5
Transmitter HAAT 5 5 5 5
Transmitter Effective Height 5 5 5
TX Antenna Structure Height 5 5 5
Transmitter Address 80 80 80
Transmitter City 20 10 12 20 20 20 # 20
Transmitter County 30 10 20 30 30 30 30
Transmitter State 2 2 2 2 2 2 # 2
Class of Station 4 4 4 4 4 # 4
Type of Message Service 1 1
Area of Operation 1 1
Radius of Operation 4 4 4
Antenna Type 10 10 10
Antenna Elevation Angle 6 6
Antenna Azimuth 6 6
Antenna Polarization 3 3 3
Antenna Gain 4 4
Antenna Path Length 6 6
Antenna Beam Width 8 8
ERP Out 8 4 8 8 8
ERP Units 2 1 2
ERP Indicator 1 1
Power Out 8 4 8 8 8
Power Out Units 2 1 2
Power Out Indicator 1 1
Emissions 15 15 15 15
License Issue Date 6 6
License Expiration Date 6 4 6
Operation Begin Time 4 4
Operation End Time 4 4
Number of Vehicle Mobiles 4 4 4 4 # 4
Number of Portable Mobiles 4 4 4 4 # 4
Number of Aircraft Mobiles 4 4 4 4 # 4
Number of Marine Mobiles 4 4 4 4 # 4
Number of Pager Mobiles 5 4 5 5 5
Authorization Type 1 1*
CP Authorization Number 2 2*
Area of Operation Descript. 100 100*
Paint & Lighting Specs 33 33*
Special Conditions 100 100*
TX Latitude Direction 1 1*
TX Longitude Direction 1 1*
Type of Last Contact 1 1*
```

Date of Last Contact 6 6*
Number of Units 4 4*

* = Regional CD Only, CP = Construction Permit,
ERP = Effective Radiated Power, HAAT = Height Above Average Terrain

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

14. New

Newsgroup: rec.radio.scanner
Date: 1994-08-01 07:07:00 UTC
From: barry.davis@woodybbs.com
Message-ID: <93.398.7592.0NFB2CD4@woodybbs.com>
Source record: 271000

VBARNET BBS is now carrying this conference.

--- Squish v1.01
* Origin: VBARNET * USA * (410)761-3406 or 922-8947 * PCB & OS/2 (1:261/1458)

15. Icom R100

Newsgroup: rec.radio.scanner
Date: 1994-08-01 08:27:42 UTC
From: craig@yonder.equinox.gen.nz
Message-ID: <H.eg.aAzGgQLsyRw@yonder.equinox.gen.nz>
Source record: 271071

Does anyone know where to get (or have) the circuit diagram
for the Icom R100 scanner?

Thanks,
Craig.
--
:: Craig Shore. Phone +64 3 385-6554 (Christchurch, New Zealand.) ::
:: (CraigS on IRC) ::

16. PRO-38 MODS

Newsgroup: rec.radio.scanner
Date: 1994-08-01 09:37:43 UTC
From: peterpd@ids.net
Message-ID: <31jfe1$72c@paperboy.ids.net>
Source record: 270987

Can anyone tell me if a PRO-#* can be modified

to receive Cell. Freqs or not !!!!!!!

Thanks

Pete

17. CelTel and Stupidity

Newsgroup: rec.radio.scanner
Date: 1994-08-01 10:31:43 UTC
From: scott@hp8c.nrl.navy.mil
Message-ID: <scott.18.000A87AE@hp8c.nrl.navy.mil>
Source record: 270977

I'm just curious, but are scanner owners the only ones who realise that CelTel conversations can be intercepted?
Normally I dont listen to that area, but Saturday I was bored and set up to scan the 800mHz block.
I heard 2 drug transactions, 1 person leaving their spouse this week, and another talking to their lover(not spouse).
I dont even think about giving out info over my cordless phone that I wouldnt want published on the front page of the Washington Post.
Well thats my 2cents worth.
Thanks for indulging me.

18. ICOM 2AGT TRANSCEIVER

Newsgroup: rec.radio.scanner
Date: 1994-08-01 11:50:20 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <31inhs$9g4@paperboy.gsfc.nasa.gov>
Source record: 271073

I picked up a ICOM 2AGT (I think AGT) does anyone have the
instructions for this radio ?? Does anyone have a fair price on this unit ?
Can anyone fill me in on the capabilities of this unit ? Any help
would be appreciated. Thanks.

19. Re: Antenna connector

Newsgroup: rec.radio.scanner
Date: 1994-08-01 13:42:38 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Aug1.134238.27675@news.csuohio.edu>
Source record: 270976

steve.andrews@lunatic.com (Steve Andrews) writes:
:
: I have a Bearcat BC200XLT handheld scanner. Over the years I have
: switched antennas enough to wear out the connector. I get a lot of
: noise and cutting out when I touch or wiggle the whip.
:
: It seems the female hole that receive the male pin in the connector has
: been worn to a larger diameter and is not grasping the pic tight enough.
:
: Is there a way to replace this female connector and what is involved. I
: have for years resisted the urge to crack the case on this puppy but
: guess Im gonna have to now.
:
: Any help would be appreciated.
:
: -steve
:

I had the same thing happen on a couple of scanners. I opened the
case only to find the solder connections were loose. Got the
ol' gun fired up, globbed a little more solder on the joints,
and all was fine. If your antenna connection has a nut, make
sure it is tight. Chances are you trouble is the antenna connection
inside, not the female conductor part. Hope it helps.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^v^

20. Motorola Sabre handheld.

Newsgroup: rec.radio.scanner
Date: 1994-08-01 14:09:21 UTC
From: pgunn@alkali.otago.ac.nz
Message-ID: <pgunn.195.775750161@alkali.otago.ac.nz>
Source record: 270975

The Police in my area apparently use Motorola Sabre portables. Can anyone give me anymore details on them ?

I don't know what model they are, only that they are Sabres. Not much to go on, but unfortunately I'm not one of the ppl that have found the famous lost portables :) (They lost 2 in the first few months that they had them).

Thanks for any details.

Happy scanning.

==========
PGUNN@alkali.otago.ac.nz
MSc (Chem) Student, University of Otago
Southernmost University in the World!
==========

21. Radio stores in Boston????

Newsgroup: rec.radio.scanner
Date: 1994-08-01 14:12:04 UTC
From: davecampbe@aol.com
Message-ID: <31ivrk$m2k@search01.news.aol.com>
Source record: 271074

I'm in Boston for the next couple days, and would like to go looking for new scanning equipment. Any ideas on where to go? I'm staying in the Marriot Copley Place Hotel, so somewhere within walking distance. Thanks!

22. Re: info on DDI? (digital data interpreter)

Newsgroup: rec.radio.scanner
Date: 1994-08-01 14:23:16 UTC
From: jdgan@freenet3.scri.fsu.edu
Message-ID: <31j0gk$8jl@freenet3.scri.fsu.edu>
Source record: 270980
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

Joshua Lackey (jl@lpl.arizona.edu) wrote:
: Does anyone have any information on a device that can decode digital computer
: transmissions encoded on an audio signal? (And optimally interpret the
: digital data as cellular phone comands.)

: I have heard about a DDI test set, but the information is a bit dated.
: Does anyone have any more recent information on this product? (Or really
: any piece of equipment that can decode cellular phone transmissions.)

: Thanks muchhua.

: --
I've read of a similar device in "popular Communications" a couple of
years ago. It was attached between an AOR 1000 and PC laptop for
portability. Apparently you could read all cell data...ESN and phone
numbers. aalso would read which freq. to change to in a hand-off to
another cell. One interesting feature was to tag a specific cellphone
and would not activate until detected. As advertised it was about
$5000 and only sold to law enforcement. Dont know if there is anything
else out there. Any programmers out there have any ideas about using
a SoundBlaster card for this...HHMMMMMMM???

23. Re: TCI frequencies ?

Newsgroup: rec.radio.scanner
Date: 1994-08-01 15:40:06 UTC
From: pat@kiwi.sdsu.edu
Message-ID: <31j50n$dks@pandora.sdsu.edu>
Source record: 270979
Cross-posted to: rec.radio.scanner,rec.video.cable-tv

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:

: They wouldn't communicate by cell phone would they?

Could be...especially if they are using some type of modem terminals in
their trucks.

-pat
pat@kiwi.sdsu.edu

24. TCI frequencies ?

Newsgroup: rec.radio.scanner
Date: 1994-08-01 15:42:01 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug1.104201.2714@hnrc.tufts.edu>
Source record: 270978
Cross-posted to: rec.radio.scanner,rec.video.cable-tv

So the cable goes out last night and I call the answering service who says they've paged the techies and I'm wondering what's going on when I remember . . . I have a scanner--so I take out my Official Massachusetts Scanner Guide, which as close to an encyclopedia as you can get, and I don't find TCI, which is kind of odd since how many ways are there to spell Telecommunications, Inc., and the office is located on Stevens Street in Andover, but as I looked through the Guide and Beyond Police Call I realized I didn't see any listings for any cable companies, although I didn't look too hard for anything other than TCI Andover, which leads me to the questions:
(1) Does anybody know the frequencies for TCI, Andover, and
(2) Is it just that the Guide really isn't all that encyclopedic or do the cable co's have regional frequencies that tend not to appear in standard listings?

They wouldn't communicate by cell phone would they?

Thanks.

25. PRO-51 Beep: How to KILL??

Newsgroup: rec.radio.scanner
Date: 1994-08-01 16:07:32 UTC
From: moy@xp.psych.nyu.edu
Message-ID: <9408011611.AA28740@xp.psych.nyu.edu>
Source record: 270982
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Fellow scanbots,

How can I modify a PRO-51 scanner to remove the annoying keypad *!BEEP!*?

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

26. Re: info on DDI? (digital data interpreter)

Newsgroup: rec.radio.scanner
Date: 1994-08-01 16:42:46 UTC
From: jl@lpl.arizona.edu
Message-ID: <31j8m6$qtf@news.CCIT.Arizona.EDU>
Source record: 270983
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

James Ganyard (jdgan@freenet3.scri.fsu.edu) wrote:
: Joshua Lackey (jl@lpl.arizona.edu) wrote:
: : Does anyone have any information on a device that can decode digital computer
: : transmissions encoded on an audio signal? (And optimally interpret the
: : digital data as cellular phone comands.)

: I've read of a similar device in "popular Communications" a couple of
: years ago. It was attached between an AOR 1000 and PC laptop for
: portability. Apparently you could read all cell data...ESN and phone
: numbers. aalso would read which freq. to change to in a hand-off to
: another cell. One interesting feature was to tag a specific cellphone
: and would not activate until detected. As advertised it was about
: $5000 and only sold to law enforcement. Dont know if there is anything
: else out there. Any programmers out there have any ideas about using
: a SoundBlaster card for this...HHMMMMMMM???

First, the set I saw was around $300, $5000 is _way_ too expensive. (Unless
you use a card... :)

Second, that sound blaster idea is a good one. So really, we can hook the
scanner up to the sound blaster microphone, record the digital info, and
then write a program to interpret that data. Does anyone either have the
specs or know where to find the specs on cellular digital transmissions?

Third, second is _way_ too hard. There has got to be an easier way. HOPE
will explain it, perhaps some kind soul that is going to go to HOPE can post
the neccessary information. (Plane fare is _way_ to expensive, unless,
of course, you use a card... :)

Josh.

--
jl@lpl.arizona.edu jl@axis.lpl.arizona.edu

27. repost scanner.zip

Newsgroup: rec.radio.scanner
Date: 1994-08-01 17:33:52 UTC
From: jthomas@hookup.net
Message-ID: <jthomas.12.00146096@hookup.net>
Source record: 270992

Could some one repost the scanner.zip file again, I missed it am ready with the right software

28. Re: ATTENTION SPORTS FANS!

Newsgroup: rec.radio.scanner
Date: 1994-08-01 17:50:10 UTC
From: ah595@cleveland.Freenet.Edu
Message-ID: <31jckj$66t@usenet.INS.CWRU.Edu>
Source record: 270984

In a previous article, tharrell@nmsu.edu (Thomas J. Harrell) says:

>Eric J. Hess (ah595@cleveland.Freenet.Edu) wrote:
>: I hate to rain on your parade, but the frequencies will be SCRAMBLED :-(
>: The Cleveland Browns are currently using this. The local paper had a story
>: last week and made it a point to tell us about the scrambling. Oh well,
>: back to the drawing board!
>
>Did the paper say what kind of scrambling? If it's frequency inversion,
>then unscrambling is trivial.
>--

No. The article was in the sports section, so they didn't go into
much detail. If I hear anything more, I'll be sure to post.

Eric

29. Re: info on DDI? (digital data interpreter)

Newsgroup: rec.radio.scanner
Date: 1994-08-01 18:03:44 UTC
From: coyote@fx.net
Message-ID: <31jde0$huv@world.fx.net>
Source record: 270986
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

James Ganyard (jdgan@freenet3.scri.fsu.edu) wrote:
: Joshua Lackey (jl@lpl.arizona.edu) wrote:
: : Does anyone have any information on a device that can decode digital computer
: : transmissions encoded on an audio signal? (And optimally interpret the
: : digital data as cellular phone comands.)

CSI has a kit that allows a pc to control various makes of scanners.
I think that it cost about $500. It is sold as a cell phone "test" unit.
It will probably perform the functions you have in mind. To take this
unit for a "test drive", ftp to ftp.funet.fi and get
pub/dx/software/msdos/rx-control/celldemo.zip. Till later, Si B.

30. Re: info on DDI? (digital data interpreter)

Newsgroup: rec.radio.scanner
Date: 1994-08-01 19:06:54 UTC
From: jwh@kaiwan.com
Message-ID: <31jh4e$1jh@kaiwan.kaiwan.com>
Source record: 270988
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

The DDI you saw might have been the one that blocks the ESN & MIN information. I recall reading about one that was about that price range. There are those models that do display the ESN & MIN but they are quite expensive and only available to law enforcement. A long time ago there were DDIs that could decode cell traffic, and they were around $500. Now they are realtively hard to find.

As far as using your sound blaster, the answer is yes. I was able to pull off cell information (actually and friend and I) using a simple digital sampling program. I want to say Blaster Master, but I recall the resolution wasn't fine enough. I'll have to ask him which program we used. We were using 8bit 44kHz sampling with the scanner plugged directly into the soundcard (no microphones.) With this one program we were able to zoom in on enough of the handoff information to start to decode it (it uses a form of FSK.) In 0's and 1's. After many long attempts at getting this to work 100%, we quit. It worked, but it was way too hard. Now if you have a full functioning knowledge of FFT and DSP programming.. then you might have a MUCH easier way of doing this.

Enjoy,

John Herndon (jwh@kaiwan.com)

31. Posting of Cellular Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-01 19:30:31 UTC
From: jim@ttech.com
Message-ID: <jim-010894113031@jimsmac.ttech.com>
Source record: 270991

I want to express my appreciation of the postings pertaining to modification of currently available scanners. On the other side of the coin, I am concerned about the posting modifications to CURRENTLY available scanners on rec.radio.scanner. This will call undue attention to the radio by the FCC or any other legal agency that could be reading rec.radio.scanner, and is equivalent to posting a front page article on in the LA Times. This will result in the elimination of the radio, or production of the crippled "A" model. In the case of current model scanners that have hidden test modes or possible mods, I suggest the following method of providing this information:

1. Post you request regarding modifications to rec.radio.scanner.

2. Ask for modifications (do not specifically ask for illegal modifications)

3. All replies regarding scanner modifications should be via E-Mail only.

There is an abundance of excellent information available on this newsgroup, and we must all make an effort to ensure proper disemination of that information. Some scanners manfacturers have given us excellent options, and we do not want to loose them.

My $.02

-Jim

32. Re: Wire antenna on 46 mhz?

Newsgroup: rec.radio.scanner
Date: 1994-08-01 19:31:27 UTC
From: horak@convex.com
Message-ID: <31jiif$4qo@eugene.convex.com>
Source record: 270989

In <Ctrq17.9w1@freenet.carleton.ca> ad607@FreeNet.Carleton.CA (Darrell A. Larose) writes:

>In a previous article, kcliao@UCI.EDU (Kuo Chin LIAO) says:

>>I am now using a R.S. indoor TV antenna for my scanner and it seems work
>>better than the telescope one. I would like to enhance this combination.

>I've seen several wire dipole antennae sold for 46-49 Mhz band. They have
>a BNC connector on the lead and I would quess some sort of balun matching
>device to impedence match the dipole to the 52 ohm input of the scanner.
>You can get a copy of the ARRL Antenna HandBook and build your own.. A
>ham radio store can supply you with the impedence matching balun, these
>are available with a coax to wire connectors.

An easy way to improve your 30-50 scanning experience is to make a 10 foot dipole (468/frequency in MHz = length in feet, so 468/46.8MHz which is in the cordless phone base band, equals 10 feet) out of Radio Shack speaker wire (24 feet of #42-2478 on page 23 of the 1994 catalog). Also, get a RCA to BNC adapter. Take one end of the wire and cut off the BNC, leaving a few inches of wire on it (you'll use it later). Take the 23 feet or so of wire and seperate the cut ends about five feet apart so that it stretches ten feet end to end. Mount this dipole on the wall, ceiling, or somewhere up off the ground. You may find slightly more signal strength if you mount it vertically. The rest of the length is so you have plenty of wire to run from the antenna to your scanner. Of course, if you need a longer wire run, use the 50 foot wire. Since 30-50 is a pretty low frequency, cable losses are minimum. You'll be amazed at the improvement in low band performance from this inexpensive antenna. Now, for that other BNC end piece you cut off, seperate the wires until you have about three inches of wire on each side. Use an ohm meter to determine which wire is the center lead. Completely cut off the ground wire and leave two or three inches of the center conductor wire. Get another RCA to BNC adapter and you have an average antenna for cellular and more importantly, a good antenna for very strong signal situations where a regular antenna gives you overload. Since this short antenna is almost worse than a rubber duck, it is ideal for use at concerts, finding wireless mikes, etc. without picking up other interference.

David Horak

33. Re: I want to buy a Scanner

Newsgroup: rec.radio.scanner
Date: 1994-08-01 19:36:07 UTC
From: fire615@aol.com
Message-ID: <31jir7$qv0@search01.news.aol.com>
Source record: 270990

In article <2s062i$8f3@apollo.it.luc.edu>, tshissl@orion.it.luc.edu (Todd M. Shissler) writes:

I SELL BEARCAT SCANNERS CHEAPER THAN SCANNER WORLD. WHAT ARE YOU LOOKING FOR?

34. Re: TCI frequencies ?

Newsgroup: rec.radio.scanner
Date: 1994-08-01 19:38:56 UTC
From: DPalmer@ix.netcom.com
Message-ID: <31jj0g$k0s@ixnews1.ix.netcom.com>
Source record: 270995
Cross-posted to: rec.radio.scanner,rec.video.cable-tv

>(1) Does anybody know the frequencies for TCI, Andover, and
>(2) Is it just that the Guide really isn't all that encyclopedic or do the
>cable co's have regional frequencies that tend not to appear in standard
>listings?

I've got a few, but they are in CA, most cable ops are in the business bands,
151, 463, etc.
Check out a TCI truck next time, see what the length of the two-way radio
antenna is, this should give you an idea where to start searching. Believe me,
my company radio never quiets down till 5pm. More activity is found either
during power/cable outages, or noon (when techs check in for lunch break)
--

David Palmer DPalmer@ix.netcom.com
Monterey, California
---

35. Re: PRO-43 800 mod looses 46!

Newsgroup: rec.radio.scanner
Date: 1994-08-01 20:10:09 UTC
From: lasix@netcom.com
Message-ID: <lasixCtvHCx.GD@netcom.com>
Source record: 270998

F. Barry Mulligan (mulligan@ACM.ORG) wrote:
: copeland@metronet.com (Charles Copeland) wrote:
: > I installed the cellular mod in my PRO-43 and now 46mhz range is gone.
:
I did the mods on mine this weekend and I still have my 46mhz
but in the process of getting that damn metal plate off, I somehow
disabled my light. (what a piss). Anyway, I am going back in to
conncet a wire to the keylock switch from the light, so that I
can do the lights in a proper fashion... if I still have a light.
I must state that the mods were much more difficult than I thought.
So anyone out there thinking of doing them had better be very
careful; lest ye ruin ye scanner!

Patrick
lasix@netcom.com
--

Patrick Springer
Sysop LASIX BBS
(818)892-5477
4804 Laurel Canyon Blvd. #132
Valley Village, CA. 91607
lasix@netcom.com

36. Yupi MVT-7100 for sale $575

Newsgroup: rec.radio.scanner
Date: 1994-08-01 21:01:13 UTC
From: basham@hpcc01.corp.hp.com
Message-ID: <71960010@hpcc01.corp.hp.com>
Source record: 270997

Yupiteru MVT-7100 For Sale (Posting for a friend)

W/ all accessories and optional leather case --> $575.00
Unit has had _Very_ little use!

If interested, email me with your name & phone number and I'll pass it
on to Nick, who is selling the unit.

37. Re: Motorola Sabre handheld.

Newsgroup: rec.radio.scanner
Date: 1994-08-01 21:27:21 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.46.000F752C@chevron.com>
Source record: 271002

In article <pgunn.195.775750161@alkali.otago.ac.nz> pgunn@alkali.otago.ac.nz (Paul Gunn) writes:

>The Police in my area apparently use Motorola Sabre portables. Can anyone
>give me anymore details on them ?
[snip]

I can tell you something about them since I use one. For general purposes its your typical high end, Motorola brick. Mine is UHF and we have a small fleet of VHF units for special work. The Saber I is a 12 channel radio. The Saber II and III have 120 channels (III has a DTMF keypad) Each channel, or mode, can be programmed with it's own parameters (power, PL, rcv only, t/r split, etc).They can be equiped with Motorola "Securenet", a DES encryption system that we use for those special VHF jobs. Saber II and III have selective scan ability.

There is a exported radio that is similar in appearance and function called an MX1000. I have only used a 10 channel version of that radio at one of our foreign locations.

What type of details are you interested in? I have listed some general things here but I am not sure what you are looking for.

I like the radio. A lot of capibilty in my III. The drawback is it's size and weight. My other favorite is the new Motorola Visar. A smaller radio capable of up to 16 channels.

Keep an eye out for people using Motorola's new ASTRO radios. These are analog and digital capable all in one. This type of equipment may get more prevalant over the next few years. They can be "Flashport" configured for trunking. If trunking drives scanner users nuts now - wait until they start trunking 6.25 KHz digital audio.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

38. Re: CelTel and Stupidity

Newsgroup: rec.radio.scanner
Date: 1994-08-01 22:16:21 UTC
From: kjn@netcom.com
Message-ID: <kjnCtvn79.CH4@netcom.com>
Source record: 271003

Scott (scott@hp8c.nrl.navy.mil) wrote:

: I dont even think about giving out info over my cordless phone that I wouldnt
: want published on the front page of the Washington Post.

Excellent observation...

Now if we could only convince the owners of the baby monitors to turn off
the transmitters before they go to bed we could all get some sleep... :)

--
Ken Navarre
kjn@netcom.com

39. RS "Lost Antenna Guide"

Newsgroup: rec.radio.scanner
Date: 1994-08-01 22:42:13 UTC
From: lasix@netcom.com
Message-ID: <lasixCtvoEE.1su@netcom.com>
Source record: 270999
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I saw a post here that stated someone had lost the little guide book for the telescoping antenna from RS. Here is a psuedo guide with abbreviated synopsis.

25-136Mhz:

----------==----------
(full length)

138-174Mhz:

----------==-----

(extend only top four sections)

220-1296Mhz.

--==----------

(extend only lower 1 to 3 sections)

Hope this helps!

Patrick Springer
lasix@netcom.com
--

Patrick Springer
Sysop LASIX BBS
(818)892-5477
4804 Laurel Canyon Blvd. #132
Valley Village, CA. 91607
lasix@netcom.com

40. Re: What if you hear illegal activities?

Newsgroup: rec.radio.scanner
Date: 1994-08-01 23:06:40 UTC
From: dbashaw@synoptics.com
Message-ID: <CtvpJ5.1F5@synoptics.com>
Source record: 270996
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article 6o3@netcom.com, lasix@netcom.com (Patrick Springer) writes:
>10-89 (soren_ragsdale@path1a.med.upenn.edu) wrote:
>: Hypothetical situation:
>
>: You're scanning the cellular band, or a cordless phone, or whatever and
>: you hear a guy making a drug deal, plans for a murder, bombing, or
>: whatever. In the course of the call you hear the location, time, people
>: involved, etc.
>
>: What do you do?
>
>: Option 3: (My favorite.) Show up at the place and wait for them. Right
> I have some very pointed views about this and these are simply my
>opinions, so don't get too upset when I say that people like you shouldn't
>even have a scanner. When you listen to personal conversations with
>a scanner you are a voyeur - NOT a witness. With the priveledge of
>listening in, you have the responsibility to act as though you were
>NOT listening in. Take this scenario:
>
> - A tabloid paper discovers that it can make a lot of money
>by scanning celeb's calls with a scanner. They scan. They find
>dirt. They print dirt. They get sued. During the trial the fact

Would not suprise me if this happens quite a bit. Parking in
la la land in your BMW listening to the radio wouldn't look
too suspicious and I bet those reporters are fairly hungry!

>surfaces that they used a scanner. The inevitable "Bill" is passed
>on Capitol Mound and voila! - no more scanners.
>
> In other words, if people mind their own business, life will get
>better. I promise!
>
>Patrick
>lasix@netcom.com
>--
>
> Patrick Springer
> Sysop LASIX BBS
> (818)892-5477
> 4804 Laurel Canyon Blvd. #132
> Valley Village, CA. 91607
> lasix@netcom.com

Dave Bashaw

41. Re: Posting of Cellular Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-01 23:40:46 UTC
From: ramaro@eis.calstate.edu
Message-ID: <31k15u$mrg@eis.calstate.edu>
Source record: 271001

Call me naive, but I'v been under the impression that the feds can't enforce their way out of a paper bag. With rampant theft both inside and outside of the US Post Office, with millions of illegal aliens penetrating the border, and with the wholesale counterfeiting of everything from social security and green cards to hundred dollar bills, the federal government seems more inept than Wiley Coyote.

Could they possibly have the foresight to monitor rec.radio.scanner and adapt their enforcement policies based on what is posted here?

42. Re: Radio stores in Boston????

Newsgroup: rec.radio.scanner
Date: 1994-08-02 01:40:20 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug1.204020.2721@hnrc.tufts.edu>
Source record: 271004

[Repost]

In article <31ivrk$m2k@search01.news.aol.com>, davecampbe@aol.com (DaveCampbe) writes:
> I'm in Boston for the next couple days, and would like to go looking for
> new scanning equipment. Any ideas on where to go? I'm staying in the
> Marriot Copley Place Hotel, so somewhere within walking distance. Thanks!

Radio Shack. They're everywhere.
The major radio outlets in the area are in NH (HRO and Rivendell's) but their scanner selection isn't that great. Unless you're particularly eager to put your hands on something, you're better off (pricewise) with mail order.
(You can also find lower-priced and limited feature equipment at some of the discounters in the area such as Service Merchandise, Lechmere, and Circuit City, but IMO you're better off at RS).

Two people suggested U-Do-It Electronics out in Needham. It's been a while since I've been there, so I'll have to (but am willing to) take their word for it. Since they haven't posted, I've reposted.

43. Canadian version of Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-08-02 02:34:15 UTC
From: hancock@access.mbnet.mb.ca
Message-ID: <31kbb7$gtk@canopus.cc.umanitoba.ca>
Source record: 271009
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I am about to buy a PRO-43 from RS in Canada and I'd like to know if there is any difference (in terms of potential MODS) between the Cdn version and the U.S. version of the PRO-43. It seems most RS stores in the U.S. are sold out of the PRO-43 but in Canada, (at least the RS's in my city) stores seem well stocked. Does anyone know if the PRO-43 sold in Canada can be modified to receive cellular?

Also, is there a way to distinguish between unmodifiable Pro-43s and non-modifiable ones in Canada similar to the system in the U.S. using the "A" suffix on the FCC #?

Any help would be appreciated.

Paul

hancock@MBnet.mb.ca

44. Re: MARINE CELLULAR BAND ???

Newsgroup: rec.radio.scanner
Date: 1994-08-02 02:38:19 UTC
From: steven@sgb.oau.org
Message-ID: <CtvzBw.Cp4@sgb.oau.org>
Source record: 271005

bill nelson (billn@hpcvaac.cv.hp.com) wrote:

<<< Engaging Flame Mode >>>

: This can be argued. While kits are not directly mentioned in the ECPA, they
: are mentioned, and regulated, by the FCC in other regulations. The FCC has
: also explicitly stated that frequency converters are banned, if they are able
: to convert the cellular frequencies. Of course, there are exceptions for the
: governmental agencies and people in the cellular phone business.

I have in front of me the new 1994 Ramsey Electronics Catalog. If
you did not know who they are, they sell Electronic Kits.

They can be reached at: 1-800-446-2295

Ramsey Electronics Inc
793 Canning Parkway
Victor, New York 14564
(716) 924-4560 Voice
(716) 924-4555 Fax

CURRENT CATALOG:

Page 14

SCN-1: 800-950 Mhz Scanner Converter Kit $49.95
CSCN: Matching Case Kit $14.95
SCN-1WT: Fully Assembled SCN-1 and Matching Case $89.95

Page 10

SS-70: Speech Descrambler/Scrambler Kit $39.95
CSSD: Matching Case Kit $14.95
SS-70WT: Fully Assembled SS-70 and Matching Case $79.95

Now someone will say "old catalog".

Ok, for that person I will say Monitoring Times, August 1994,
See page 77 for details. All the same devices as described above.
These devices are supposedly illegal to market in the U.S.

Is that current enough advertising?

This is a good example those converters that are banned, so much for
the ban -- on kits or otherwise!

: Now, it might be legal to sell the parts, as repair components.

Now we are getting somewhere!

: : Since from the Factory, they come with cellular, and they remove it
: : by something as simple as changing a component (adding/removing a
: : component), WHY would the FCC approve such a unit next month? I mean
: : it clearly violates the law as much as any other scanner from the
: : past 3-5 years would have?

: The FCC has said that the simple adding or removing a component is NOT
: sufficient to disable cellular frequencies - that would be "easy conversion".
: Now, if that component was a surface mount 20+ pin chip, then it would most
: likely be sufficient. Changing that would not be easy for the average person.

Yes, but to modify it here -- I'd expect it to be something simple
not needing to be done at the factory. Additionally, a new approach
is to buy it here, like a Pro-43 and order the UK version of the
digital board. Don't bother with the SMD components, just replace the
whole digital board (it contains the CPU, diodes, not much else, could
not cost much more than the CPU would). As a replacement board, it
would do the job.

: : Is there ANYTHING in the law dealing with preventing the dealers
: : and manufacturers from selling the parts used in their overseas
: : units -and- instructions to upgrade them to international capability?

: Not that I know of. However, if it becomes common, the FCC will simply
: refuse to grant type acceptance to future models that do not have the
: rf section for 800 MHz completely removed.

That will be the point where everything is imported (for show, not
use, would not dream of that!)

: : Remember, kits and parts are EXEMPT from the law. Not addressed once.

: See above.

Yes, I agree, SEE ABOVE, Ramsey has no problem selling converters
and speech inversion descramblers. I sure don't see what anyone
else has to worry about (regarding imports and such!)

BE AMERICAN! BUY NON-US! DON'T SUPPORT THE NAZI'S IN D.C.!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088
: Bill

45. Re: AOR8000 in Shortwave Magazine

Newsgroup: rec.radio.scanner
Date: 1994-08-02 02:42:46 UTC
From: steven@sgb.oau.org
Message-ID: <CtvzJB.Cyy@sgb.oau.org>
Source record: 271006

Michael Schuster (schuster@panix.com) wrote:
: In article <CtqFDo.Dvz@sgb.oau.org>, Steven Bradley <steven@sgb.oau.org> wrote:
: >Steven Bradley (steven@sgb.oau.org) wrote:
: >
: >I do not normally make a follow-up to my own comments. But that copy of
: >Shortwave Magazine mentioned above is now in my hands... It's well worth
: >buying a copy -- particularly if you want any model of U.S. scanner with
: >FULL CELLULAR coverage. The Pro-2006, Pro-43, ComTel 203/204/205, they
: >are all readily available from a wide choice of dealers. Also do not
: >forget that while duties will have to be paid, you do not have to pay
: >VAT taxes (17.5%)!

: Whoa!!!!

: Danger, Will Robinson!

: Besides the potential problem of importing a scanner that is not legal
: here, you should be aware that cellular channels are not spaced 30 KHz
: apart in UK.

: So any cellular-capable scanner you buy form there will not land on the
: proper frequencies for US cellular channels. If it's something like the
: Yupi or AR8000, where you can manually choose the channel increment, that
: isn't a problem. But the equivalent of the PRO-43, for instance, could
: present major headaches.

I think either D1 or D5 selects 12.5 or 30 for the cellular spacing
on the Pro-43. Not to worry, UK versions have both options available.

As per legal? Its legal to exhibit, to possess, not to use.

BTW, I may be over there next year -- of course I may bring a couple
home as souveniours(spell?) as well...

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

46. boosters

Newsgroup: rec.radio.scanner
Date: 1994-08-02 03:56:26 UTC
From: scavanau@moose.uvm.edu
Message-ID: <1994Aug2.035626.3652@emba.uvm.edu>
Source record: 271010

I'm currently using a uniden 855 xlt and would like to hear
anyones experiences/horror stories with the radio shack 10-20 decible
antenna booster, I know it's made for t.v. but they do suggest it in one
of "their" manuals for the pro 2022.

If it's worth the $23 they want, maybe my wife will let me get one...

47. Re: Hospital Chatter?

Newsgroup: rec.radio.scanner
Date: 1994-08-02 04:39:14 UTC
From: Ivan Landis <wk03268@worldlink.com>
Message-ID: <2984884530.3.wk03268@worldlink.com>
Source record: 270941

<stuff deleted>
>They said that they were listening in on 33.66. Any idea if I could pick
>this up where I'm from in South Jersey? I programmed it in my scanner
>and heard mostly garbled transmissions. What area does 33.66 cover?

33.66 is the Montgomery County PA F-2 fireground freq. for all areas
EXCEPT the eastern portion (which is on high-band).

48. Re: Comments on BC350A?

Newsgroup: rec.radio.scanner
Date: 1994-08-02 05:44:54 UTC
From: jmm5h@Virginia.EDU
Message-ID: <1994Aug2.054454.1742@Virginia.EDU>
Source record: 271008

lee@tosspot.sv.com writes:
> Just wondering - anyonbe have comments (good or bad) to make on
> the Uniden BC-350A?
>
> Lee
I love my 350 but would like to see some minor changes
made. For one thing, there is no priority feature. Sometimes
when there's something big going down and a department is using
two channels for operations I have to manually lock out all the
other channels in the private bank.
The radio is easy to program once you understand how to
do it. The buttons are easy to find without having to look at
the keys. It picks up incredibly well even with just a small
3" uhf transceiver antenna I have mounted through the roof of
my vehicle.
I also like the fact that just about any freq. you want
to hear is already in the radio. I've found some interesting
stuff just by scanning through the factory presets. One other
improvement I would like to see would be more control over the
search bands. the pre-programmed search bands are a little too
broad. If I want to search between say 46.000 and 50.000 I
either have to wait for the radio to complete a search starting
back at 30.00 or manually work the up/down controls.
The prices have gown down since I bought 2 of them
about a year ago. I saw them on the home shopping club for
around $109.00 the other day. I would go ahead and get the
800MHz model just to have the future capacity and a
potentially modifiable radio.

49. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-02 05:52:16 UTC
From: jmm5h@Virginia.EDU
Message-ID: <1994Aug2.055216.1874@Virginia.EDU>
Source record: 271007

k1lho@aol.com writes:
> In article <1994Jun10.160432.4066@rsg1.er.usgs.gov>, bodoh@dgg.cr.usgs.gov
> (Tom Bodoh) writes:
>
> A cop had better know the difference, because if he sites you for a
> violation which didn't occure, he could be sued for false arrest.
DUH!

50. Re: Cover-up by FBI ?

Newsgroup: rec.radio.scanner
Date: 1994-08-02 06:22:19 UTC
From: GWOODY@maestro.maestro.com
Message-ID: <Ctw9p7.3ul@maestro.maestro.com>
Source record: 271011

Zeps (chuck@dt-can.com) wrote:

: ** FBI COVER-UP OF FOSTER MURDER ? ***

: There was a big deal made of a Pager found at the Ft. Marcy Park
: body dump-site in the Senate hearings this afternoon and almost an
: hour was spent discussing possible numbers on the pager found near
: the body of Vincent Foster Jr. (murdered WH Council).

****edited for brevity****

: That would have been standard procedure in any serious investigation.
: Perhaps the Pager was dropped by one of the killers ?

: chuck.zeps@dt-can.com
: "Per Ardua Ad Astra"

Chuck,
Are you aware that a pager was also found at the murder scene of
Nicole Brown Simpson and Ron Goldman? Conspiracy? <G>

-Gene GWOODY@meastro.com NRMY23A@prodigy.com

51. Re: CelTel and Stupidity

Newsgroup: rec.radio.scanner
Date: 1994-08-02 07:11:49 UTC
From: O1EVERT@VM1.CC.UAKRON.EDU
Message-ID: <170062CF9S86.O1EVERT@VM1.CC.UAKRON.EDU>
Source record: 271012

In article <kjnCtvn79.CH4@netcom.com>
kjn@netcom.com (Ken Navarre) writes:

>Scott (scott@hp8c.nrl.navy.mil) wrote:
>
>: I dont even think about giving out info over my cordless phone that I wouldnt
>: want published on the front page of the Washington Post.
>
>Excellent observation...
>
>Now if we could only convince the owners of the baby monitors to turn off
>the transmitters before they go to bed we could all get some sleep... :)

Another good point! There has been numerous articles in the local paper
about the dangers of 'broadcasting' private info on cordless or cell telephone.

All I can say is that my neighbors should be damn glad I'm so honest and
won't use their credit card numbers, etc. But if I hear something illegal
that't another story!

52. PRO 30

Newsgroup: rec.radio.scanner
Date: 1994-08-02 10:27:47 UTC
From: sbetchuk@ersys.edmonton.ab.ca
Message-ID: <1weFqc1w165w@ersys.edmonton.ab.ca>
Source record: 271018

Just wondering if anyone has any modifications for a PRO 30, and, reading the message previous (couple back), I'd like to get rid of MY keypad beep also..

And since it seems that the screen display is the battery hog, could it be possible to switch-wire it to disable the screen and still scan?

--
Shaun Betchuk sbetchuk@ersys.edmonton.ab.ca
Edmonton Remote Systems Serving Edmonton/Northern Alberta since 1982

53. SportCat & 200XLT

Newsgroup: rec.radio.scanner
Date: 1994-08-02 11:37:14 UTC
From: cap2624@ultb.isc.rit.edu
Message-ID: <1994Aug2.113714.10400@ultb.isc.rit.edu>
Source record: 271020

I recently purchaced the SportCat, founf it can not be modified ... or is atleast not known to be modified. Since the 200XLT is readily modifiyable, I exchanged it. After opening it up, I could not find any resistor to cut for a mod. The processor had an 'A' affixed to it's ID also. Perhaps the newer 200XLTs cannot be modified? I think I'll have to settle for the unmodifyable SportCat. . . but it's quite a nice unit.

--
+---+
| Rochester Institute of Technology Chris A. Peskin |
| Electrical Engineering |
+---+

54. AOR8000 Price???

Newsgroup: rec.radio.scanner
Date: 1994-08-02 12:24:21 UTC
From: feustel@netcom.com
Message-ID: <feustelCtwqGM.rI@netcom.com>
Source record: 271013
Cross-posted to: rec.radio.amateur.equipment,alt.radio.scanner,rec.radio.scanner

Does anyone know the list price of the AOR8000 and when it will be
available in the U.S? Thanks.

--
Dave Feustel N9MYI Internet:<feustel@netcom.com> Compuserve:<73532,1747>

Hilary Rodham Clinton: A 20th Century Lady MacBeth?

55. Re: AOR8000 Price???

Newsgroup: rec.radio.scanner
Date: 1994-08-02 13:46:25 UTC
From: schuster@panix.com
Message-ID: <31linh$erb@panix3.panix.com>
Source record: 271015
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

In article <feustelCtwqGM.rI@netcom.com>,
David Feustel <feustel@netcom.com> wrote:
>Does anyone know the list price of the AOR8000 and when it will be
>available in the U.S? Thanks.

1. About $600
2. When the FCC approves it.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

56. Re: info on DDI? (digital data interpreter)

Newsgroup: rec.radio.scanner
Date: 1994-08-02 14:11:48 UTC
From: baudguy@iac.net
Message-ID: <31lk74$gh@great-miami.iac.net>
Source record: 271017
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

```
: Joshua Lackey (jl@lpl.arizona.edu) wrote:
: Does anyone have any information on a device that can decode digital
: computer transmissions encoded on an audio signal? (And optimally
: interpret the : digital data as cellular phone comands.)

Custom Computer Services
P.O. Box 11191
Milwaukee, WI. 53211
(414)781-2794

BTW: They say that they only will sell to cellco's and police now.

--
**************************************************************************
* Baudguy@iac.net ...... In non-cyberlife aka David White *
**************************************************************************
```

57. Re: Canadian version of Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-08-02 14:25:34 UTC
From: domonkos@access.digex.net
Message-ID: <EjbFkiubG-T6066yn@access.digex.net>
Source record: 271019
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <31kbb7$gtk@canopus.cc.umanitoba.ca>, Paul Hancock wrote:
> I am about to buy a PRO-43 from RS in Canada and I'd like to know if there
> is any difference (in terms of potential MODS) between the Cdn version and
> the U.S. version of the PRO-43. It seems most RS stores in the U.S.
> are sold out of the PRO-43 but in Canada, (at least the RS's in my city)
> stores seem well stocked. Does anyone know if the PRO-43 sold in Canada
> can be modified to receive cellular?
>
> Also, is there a way to distinguish between unmodifiable Pro-43s and
> non-modifiable ones in Canada similar to the system in the U.S. using the "A"
> suffix on the FCC #?
>
> Any help would be appreciated.
>
> Paul
>
> hancock@MBnet.mb.ca
>
>
>
The Canadian units are cellular restorable.

Andy

58. Re: Frequency Counter

Newsgroup: rec.radio.scanner
Date: 1994-08-02 14:48:14 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug2.094814.2725@hnrc.tufts.edu>
Source record: 271016

In article <93.399.7592.0NFB2CDD@woodybbs.com>, marty.toomajian@woodybbs.com (Marty Toomajian) writes:
> The Optoeclectronics
> M-1 counter at $229 is the best choice.

> I bought mine for $219 at a Hamfest from Ramsey Electronics.

I bought my from Jun's in CA for $199 + 12 (antenna) + 5 (shipping).

59. Military Freqs needed

Newsgroup: rec.radio.scanner
Date: 1994-08-02 15:15:56 UTC
From: mcarp@rims.rims.com
Message-ID: <62@rims.rims.com>
Source record: 270916

I am going to be in N.E. Nebraska and S.E. South Dakota from 8/5-8/8. Since SAC is at Offutt in Omaha and I know they used to do some practice bomb runs in the area I am going to be, I was wanting to know if any one had any freqs that might have some action on them. I will be leaving Thursday afternoon 8/4. Any help would be appreciated.

Thanks
Mike
mcarp@rims.com

60. Choppers Overhead!!

Newsgroup: rec.radio.scanner
Date: 1994-08-02 15:46:08 UTC
From: lasix@netcom.com
Message-ID: <lasixCtwzsx.50q@netcom.com>
Source record: 271022
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Last night (as with many nights in LA) there were cop choppers circling my area. I tried scanning a range from 130-180 and didn't come up with anything. Could someone guide me a little. I do have Police Call but it doesn't get specific about helicopters. I would like to knoe why they are circling and if they lose the chase... (get my gun!)

Thanks,
Patrick
lasix@netcom.com

--

Patrick Springer
Sysop LASIX BBS
(818)892-5477
4804 Laurel Canyon Blvd. #132
Valley Village, CA. 91607
lasix@netcom.com

61. 46 mhz log periodic antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-02 16:10:18 UTC
From: magnet@nRCHs022
Message-ID: <31lr5a$8k1@corpgate.rich.nt.com>
Source record: 271021

I would like to experiment with antenna building. One fun thing to do would be to build a very directional antenna for 46 mhz. I was thinking about using a PVC pipe as a beam to hold the elements of a log periodic antenna. Would anyone care to give me some advise or clues on what the best plan of attack would be.

What I need to know is (this is my first antenna project) how to design a driven element and the reflector/director elements for this application.

PLEASE do NOT refer me to any reference materials!
--
brad.glidewell@nt.com

62. Re: PRO-43 800 mod looses 46!

Newsgroup: rec.radio.scanner
Date: 1994-08-02 16:47:39 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-020894084738@m41103.esl.com>
Source record: 270876

In article <CtrB7x.JFH@metronet.com>, copeland@metronet.com (Charles Copeland) wrote:

> I installed the cellular mod in my PRO-43 and now 46mhz range is gone.
> The bank still scans these frequencies, but picks up nothing.
>
> All I did was remove D4. I did not reinstall the diode to D3 to extend the
> 50-80 band.
>
> Do I have to lose 46mhz range to get 800mhz coverage?
>
> --

No you shouldn't lose any coverage. Are you sure you remembered to solder the antenna connections back on? If you have strong 800MHz signals they will come in just fine right through the radio's case, but the weak 46MHz signals won't. With no antenna at all on my '43 I can get the 155MHz Co Sherriff the 460MHz police and 800MHz cellular. Talk about a strong signal environment. So go back and check those solder joints.

Good scannin' to ya.
MAD

The opinions expressed here are | Covering 100KHz to 2GHz contiguous.
my own, but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

63. Re: CelTel and Stupidity

Newsgroup: rec.radio.scanner
Date: 1994-08-02 17:26:03 UTC
From: steven@sgb.oau.org
Message-ID: <Ctx4FG.LAv@sgb.oau.org>
Source record: 270892

Scott (scott@hp8c.nrl.navy.mil) wrote:
: I'm just curious, but are scanner owners the only ones who realise that CelTel
: conversations can be intercepted?
: Normally I dont listen to that area, but Saturday I was bored and set up to
: scan the 800mHz block.
: I heard 2 drug transactions, 1 person leaving their spouse this week, and
^
Only two? Must have been a slow weekend!

: another talking to their lover(not spouse).
^^^^^^^^^^
Normal purpose for cellular.

: I dont even think about giving out info over my cordless phone that I wouldnt
: want published on the front page of the Washington Post.

Well, yes, the cellular industry prefers you not to know these things,
that's why they have made scanners require import duties...

Nicely said in any event!!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

64. Re: My $.02 on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-08-02 17:42:06 UTC
From: mstephen@Mr-Hyde.aoc.nrao.edu
Message-ID: <1994Aug2.174206.17344@Mr-Hyde.aoc.nrao.edu>
Source record: 271023

In article <316afn$9mv@ncar.ucar.edu>, jksmith@platypus.atd.ucar.edu (Jeff Smith) writes:
> it
> contained a statement that said something to the effect of "If it crosses my
> property, I have the right to intercept it."

It wasn't I, but I would restate it as "If it passes uninvited
through my body, I have the right to do with it what I please."
It makes the issues much less ambiguous.

For example, I wouldn't fiddle with phones (wired or cellular) because it
involves sending something from *me to them*. I wouldn't get an illegal cable
descrambler because I've invited the signal into my house.

I do not have a satellite dish. If I did, I believe my attitude would be
"If you don't want me descramlbing your signal, don't send it through me."
But, not owning a dish, I admit I haven't thought the issue through
completely. Others' thoughts would be appreciated.

>>Think this through and you get a much better idea of who HBO is--
>>in the scrambling beginning HBO would not even turn your
>>descrambler on if you did not live in a cable area--pretty amazing
>>seeing as how people living out of the cable areas were the
>>ones that really needed dishes. And to top that, if you did
>>live in a cabled area and subscribed to HBO, your friendly local
>>cable operator got a *kickback of $5* per customer. Al Gore
>>hammered them so hard on that one that it put an end to that
>>practice, but you can be sure that they are still the same ol HBO
>>they always were. If they think they can, with impunity, slow
>>roast me with their transponder, they have another think coming.
>>Captain Midnight lives...

>>lms

65. Local Pittsburgh Scanner Discussion Area

Newsgroup: rec.radio.scanner
Date: 1994-08-02 17:51:02 UTC
From: rccons!root@telerama.lm.com
Message-ID: <a44_9408021730@rccons.lm.com>
Source record: 270889

* Crossposted in ALT.RADIO.SCANNER
* Crossposted in REC.RADIO.SCANNER

Hello All!

Any scanner user in the Greater Pittsburgh PA area (Allegheny, Armstrong, Beaver, Butler, Greene, Fayette, Indiana, Washington or Westmoreland Counties) who is interested in a LOCAL scanner discussion area please contact me.

The area is available via Internet mailing list or FidoNet Technology Mailers (FTN). To arrange a subscription to the mailing list send mail to the address below.

Rick Christian, AAJP/BSEE
FidoNet: 1:129/220
Internet: rccons!rec@telerama.lm.com

66. BC850 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-08-02 17:55:33 UTC
From: domonkos@access.digex.net
Message-ID: <$NfFkiubGliJ066yn@access.digex.net>
Source record: 270875

Hi,

I'm looking for any mods available for the Uniden BC850 mobile scanner.
Thanks.

Andy

67. Re: 46 mhz log periodic antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-02 18:00:02 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.47.000C007E@chevron.com>
Source record: 270880

In article <31lr5a$8k1@corpgate.rich.nt.com> magnet@nRCHs022 (Brad Glidewell) writes:

>I would like to experiment with antenna building. One fun thing to do would
>be to build a very directional antenna for 46 mhz. I was thinking about using
>a PVC pipe as a beam to hold the elements of a log periodic antenna. Would
>anyone care to give me some advise or clues on what the best plan of attack
>would be.

>What I need to know is (this is my first antenna project) how to design a
>driven element and the reflector/director elements for this application.

A log periodic dipole array (LPDA) is not a very directional antenna. They
are designed to cover relatively wide bandwidths but their gain is not the
highest. An LPDA is group of dipoles designed to work together. There is
generally no single driven element. All of the dipoles (elements) are usually
driven. A region of the array becomes active for a given frequency and the
remainder of the array acts as the reflectors/directors.

While I say that the LPDA is not very directional, I mean that in relative
sense. A yagi antenna, even with fewer elements, can give you a narrower beam
width and better gain. Although the yagi may have to be longer and have a
bigger "wingspan". The Yagi (or by it's full name, Yagi-Uda) is probably what
you are looking for.

A good example of an LPDA would be a directional TV antenna. Usually fed at
the front with every other element reversed 180 degrees. It is also important
to note that the elements are electrically isolated from the boom (if the boom
is conductive) unlike a yagi.

I have built a LPDA for 144-148 MHz. Yagis are much easier to build.
Measurements are more critical on the LPDA and the booms will involve more
work.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

68. Re: Choppers Overhead!!

Newsgroup: rec.radio.scanner
Date: 1994-08-02 18:03:13 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <31m1p1$6v0@umcc.umcc.umich.edu>
Source record: 270883
Cross-posted to: alt.radio.scanner,rec.radio.scanner

They should be operating on the normal police freqs for your area, or possibly something like CLEMARS or one ofthe other law-enforcement mutual-aid channels.

Civillian helo air/air traffic is often on 123.025, 123.050, or 123.075, & they're apparently also used by law enforcement helos to speak with their bases & pilot/pilot traffic between the helos.

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI
48197 If you must drink & drive, please wear a condom.

69. Re: info on DDI? (digital data interpreter)

Newsgroup: rec.radio.scanner
Date: 1994-08-02 18:07:51 UTC
From: jdgan@freenet3.scri.fsu.edu
Message-ID: <31m21n$ssr@freenet3.scri.fsu.edu>
Source record: 270878
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

Dave White (baudguy@iac.net) wrote:

: : Joshua Lackey (jl@lpl.arizona.edu) wrote:
: : Does anyone have any information on a device that can decode digital
: : computer transmissions encoded on an audio signal? (And optimally
: : interpret the : digital data as cellular phone comands.)

: Custom Computer Services
: P.O. Box 11191
: Milwaukee, WI. 53211
: (414)781-2794

: BTW: They say that they only will sell to cellco's and police now.

: --
: **
: * Baudguy@iac.net ...... In non-cyberlife aka David White *
: **
: I have a program that Imay have puuled from this news group that
decodes DTMF signals with SB card. I just thought the same concept
would apply. BTW I was reffering to a 16 bit SB.

70. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-02 18:21:08 UTC
From: jdgan@freenet3.scri.fsu.edu
Message-ID: <31m2qk$1ss@freenet3.scri.fsu.edu>
Source record: 270897

Jason M. Michaels (jmm5h@Virginia.EDU) wrote:
: k1lho@aol.com writes:
: > In article <1994Jun10.160432.4066@rsg1.er.usgs.gov>, bodoh@dgg.cr.usgs.gov
: > (Tom Bodoh) writes:
: >
: > A cop had better know the difference, because if he sites you for a
: > violation which didn't occure, he could be sued for false arrest.
: DUH!
Did the cop take you into custody i.e.handcuffs.? If not there is no
"arrest"! A citation can always be challenged in court. It all depends
on who has the better argument. BTW...cops usually dont show up for
traffic and such since they can't do it on dept. time. {get paid}!@

71. Scanners for Sale

Newsgroup: rec.radio.scanner
Date: 1994-08-02 18:32:27 UTC
From: jim@ttech.com
Message-ID: <jim-020894103227@jimsmac.ttech.com>
Source record: 270881

I have the following used scanners for sale:

1. Bearcat 200xlt. (excellent condition)

includes adapter, charger, and case. $120.00 (you pay shipping)

2. Radio Shack Pro-34

missing antenna and A.C. adapter. (good condition) $80.00

Please respond via E-mail to:

jim@ttech.com

72. Re: Choppers Overhead!!

Newsgroup: rec.radio.scanner
Date: 1994-08-02 18:41:50 UTC
From: mtiernan@world.std.com
Message-ID: <Ctx7xt.K8y@world.std.com>
Source record: 270877

Tim Tyler <tim@umcc.umcc.umich.edu> wrote (RE: Police Helicopters):
> They should be operating on the normal police freqs for your area, or
> [...] law-enforcement mutual-aid channels.

This brings up a question that I was thinking of asking just
yesterday. I caught (Well, y'know) a Coast Guard Helio over the
edge of the Charles River here in Boston and I quickly tried to
scan for it on my handy-dandy PRO-43. I got bupkis. Is there a
change in radio operations when they aren't at sea? Do they
adhere to land based rules when flying within a particular range
of land? I'd imagine they monitor the common freqs (ie local
TCA's and such) but what do they use otherwise?
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

73. PRO-43 performance: AC vs. batteries

Newsgroup: rec.radio.scanner
Date: 1994-08-02 18:47:57 UTC
From: M22646@mwvm.mitre.org
Message-ID: <17006D01ES85.M22646@mwvm.mitre.org>
Source record: 270919

Hello,
My Pro-43 receives signals in the 40-50 MHz range much better when running off the AC adapter instead of batteries (rechargeable NiCads or alkaline). Why? Does it have anything to do with the radio being grounded when plugged in via he adapter? Has anyone else noticed this? I'd like to have better reception when running under battery power. Any ideas? Thanks!

Bob Cormier
rcormier@mitre.org

74. Re: Yellowstone frequencies

Newsgroup: rec.radio.scanner
Date: 1994-08-02 18:58:37 UTC
From: obrien@Aero.org
Message-ID: <31m50t$i0n@news.aero.org>
Source record: 270879

In article <05a_9407190200@damar.com>, Dean.Coy@EOTRS.damar.com (Dean Coy) writes:
|> All asked Ken Schmidt what the hell Yellowstone frequencies is all about
|> on 12 Jul 94 05:44:49
|> KS> I have a friend who is also a scanner enthusiast and he will be going
|> KS> to Yellowstone National Park next week. Does any one have the
|> KS> frequencies that the park rangers opperate on in that park?

There was an article in Monitoring Times a few years back that listed every frequency in use in the park, all the way down to what the service station tow trucks use. I had a copy of that article and I LOST IT!!!!

PLEASE!!!! Does anyone have back issues of Monitoring Times, who could copy that article for me? I'm leaving for the park next week!
--
Mike O'Brien
obrien@aero.org

75. Re: All bands vs. Discone (was Re: Discone antenna)

Newsgroup: rec.radio.scanner
Date: 1994-08-02 18:58:49 UTC
From: daled@xetron.com
Message-ID: <daled-0208941458490001@tc_mac1.xetron.com>
Source record: 270921

In article <31dp0e$24f@usenet.INS.CWRU.Edu>, ah335@cleveland.Freenet.Edu (Richard Banks) wrote:

> In a previous article, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) says:
>
> >In article <19940725.164518.877@vnet.ibm.com> pdennis@vnet.ibm.com (Phil Dennis) writes:
> >
> >>This may be a stupid question, but that's what we're all here
> >>for anyhow.....
> >
> >>I was considering an all band antenna to put in my attic. Problem
> >>is that I really have no way to "ground" it. The question is, do
> >>I really NEED a good grounding connection or what? Any help
> >>would be appreciated.
> >
> >It will work just fine ungrounded.
> >
> >
> >
> >Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
> >Intel Corp.
> >American Fork, UT
> >
>
>
>
> I notice some frequencies come in better grounded and some recept
> better ungrounded.
>
> For example when my all-band IS grounded 108-140 MHz receive better.
> When it IS NOT grounded I get cellular in better.
>
> Any care to try to explain?

Antennas such as those do not need to be "grounded." As you mention, there is no way to ground them anyway. Even if you had a wire that went directly to the earth, it would probably be multiple wavelengths long, resulting in anything but "grounding."

Many antennas, such as dipoles, are made to be fed
with a balanced transmission line. If you feed it with coax, you should use a balun of some sort, either transformer based, or variations including a sleeve on the outside of the coax, or looping the coax near the feed point.

This transforms the unbalanced coax transmission line into a balanced system at antenna feedpoint.

You can find help on this in the ARRL Antenna Handbook, or the textbook, Antennas, by Kraus.

76. Re: PRO-2022 mod (scan rate)

Newsgroup: rec.radio.scanner
Date: 1994-08-02 19:00:35 UTC
From: billp@voyager.chm.clarkson.edu
Message-ID: <31m54j$f1m@library.erc.clarkson.edu>
Source record: 270884

A friend ask how to increase the scan rate on his pro-2022. Is this possible and/or advisable? Any info appreciated.

thanks-

-billp

77. Re: Choppers Overhead!!

Newsgroup: rec.radio.scanner
Date: 1994-08-02 19:22:00 UTC
From: brueger@larry.wyvern.com
Message-ID: <brueger.775855320@larry>
Source record: 271024
Cross-posted to: alt.radio.scanner,rec.radio.scanner

lasix@netcom.com (Patrick Springer) writes:

> Last night (as with many nights in LA) there were cop choppers
>circling my area. I tried scanning a range from 130-180 and didn't come
>up with anything. Could someone guide me a little. I do have Police Call
>but it doesn't get specific about helicopters. I would like to knoe why
>they are circling and if they lose the chase... (get my gun!)

>Thanks,
>Patrick
>lasix@netcom.com

Patrick,

Ok, now I am not an expert on this but here goes. The police are probably
communicating with the chopper on a tactical channel, i.e., one of there
special freqs. Do you have all of the police freqs programmed into your
scanner??

Brian
--

Brian J. Rueger	Hampton Division of Fire & Rescue	"Who dares win"
Medic/Firefighter	Squad-7	Soon to be -
Hampton, VA.	Email - brueger@infi.net	NREMT-P

78. Re: 46 mhz log periodic antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-02 19:39:12 UTC
From: magnet@nRCHs022
Message-ID: <31m7d0$huk@corpgate.rich.nt.com>
Source record: 270885

Curtis Wheeler (cgwh@chevron.com) wrote:
|In article <31lr5a$8k1@corpgate.rich.nt.com> magnet@nRCHs022 (Brad Glidewell) writes:

|>I would like to experiment with antenna building. One fun thing to do would
|>be to build a very directional antenna for 46 mhz. I was thinking about using
|>a PVC pipe as a beam to hold the elements of a log periodic antenna. Would
|>anyone care to give me some advise or clues on what the best plan of attack
|>would be.

|>What I need to know is (this is my first antenna project) how to design a
|>driven element and the reflector/director elements for this application.

|A log periodic dipole array (LPDA) is not a very directional antenna. They
|are designed to cover relatively wide bandwidths but their gain is not the
|highest. An LPDA is group of dipoles designed to work together. There is
|generally no single driven element. All of the dipoles (elements) are usually
|driven. A region of the array becomes active for a given frequency and the
|remainder of the array acts as the reflectors/directors.

|While I say that the LPDA is not very directional, I mean that in relative
|sense. A yagi antenna, even with fewer elements, can give you a narrower beam
|width and better gain. Although the yagi may have to be longer and have a
|bigger "wingspan". The Yagi (or by it's full name, Yagi-Uda) is probably what
|you are looking for.

Does a yagi look like this?

```
|
|
|]
[|
|
|]
|
[|
|
|
x
X
```

--
brad.glidewell@nt.com
P.C. Definition of Ugly:
Physicaly ill-favored

79. Re: 46 mhz log periodic antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-02 20:08:16 UTC
From: dbushong@wang.com
Message-ID: <CtxBxu.1v8@wang.com>
Source record: 270894

magnet@nRCHs022 (Brad Glidewell) writes:

>I would like to experiment with antenna building. One fun thing to do would
>be to build a very directional antenna for 46 mhz. I was thinking about using
>a PVC pipe as a beam to hold the elements of a log periodic antenna. Would
>anyone care to give me some advise or clues on what the best plan of attack
>would be.

>What I need to know is (this is my first antenna project) how to design a
>driven element and the reflector/director elements for this application.

>PLEASE do NOT refer me to any reference materials!

Is that because you are afraid that you might learn something?

What if the reference book said that log periodic antennas are
non-ideal for fixed-frequency use? Or what if the reference book said
that you would have different results depending on the polarization of
the received signal? Or what if the reference book discussed the
legal antenna lengths of Part 15 devices? Or what if the reference
book compared and contrasted yagi, quad, quagi, phased vertical,
and/or circularly polarized antennas? What if the reference book
discussed optimum feed lines versus operating frequency and
transmitter power? What if the reference book discussed the
advantages of antenna gain versus frequency excursion?

To recap, then, you would rather have an anonymous stranger send you
an ASCII file that shows how to design a driven element and
reflector/director, than to go to a library and look at drawings and
charts with a textual description, written by an authority on
antennas, right?

Good luck.

Dave, KZ1O

--
Dave Bushong, Wang Imaging

80. Re: Beyond Police Call?

Newsgroup: rec.radio.scanner
Date: 1994-08-02 20:11:09 UTC
From: malxndr@aol.com
Message-ID: <31m98t$kd5@search01.news.aol.com>
Source record: 270882

In article <2rp9tp$nd9@search01.news.aol.com>, bruceg7809@aol.com (BruceG7809) writes:

I bought their books too for Mass. and they're really lacking in many respects. I bought Scanner Master for Mass. and it is really terrific in comparison. Don't know if they have them for your are but worth looking into if they do.

81. Re: Frequency counter recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-08-02 20:18:01 UTC
From: malxndr@aol.com
Message-ID: <31m9lp$kg1@search01.news.aol.com>
Source record: 270891

In article <1994Jun1.132411.23515@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

I recently bought an OE3300 and am quite pleased with it. The trick is to make sure that you have properly selected antenna length for the freq range that you're interested in. The hold button is a must. Personally, I wouldn't pay more for something better than a basic model, given the amount of use that it actually gets.

82. Re: info on DDI? (digital data interpreter)

Newsgroup: rec.radio.scanner
Date: 1994-08-02 20:18:09 UTC
From: System Operator <anagld!decode!system>
Message-ID: <y96Fqc4w165w@decode.UUCP>
Source record: 270907
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

jl@lpl.arizona.edu (Joshua Lackey) writes:

> I have heard about a DDI test set, but the information is a bit dated.
> Does anyone have any more recent information on this product? (Or really
> any piece of equipment that can decode cellular phone transmissions.)

The DDI (current model is -D, I believe) is made a company (one guy,
as far as I know) in Wisconsin. The Canadian ECI unit is the DDI
(same internals). I'll look up the address and telephone, if you're
interested. You'll need to have a decent scanner, and it's recommended
that you get audio from inside the scanner (modification instructions
are available for most popular scanners).

> Joshua.

Dan

--
system@decode.UUCP (System Operator)
Cryptography, Security, Privacy BBS +1 410 730 6734 Data/FAX

83. Re: Choppers Overhead!!

Newsgroup: rec.radio.scanner
Date: 1994-08-02 20:37:48 UTC
From: Tom WB7ASR <tom_boza@ccm.hf.intel.com>
Message-ID: <31mb2p$j1u@chnews.intel.com>
Source record: 270902
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <31m1p1$6v0@umcc.umcc.umich.edu>, <tim@umcc.umcc.umich.edu> writes:
>
> They should be operating on the normal police freqs for your area, or
> possibly something like CLEMARS or one ofthe other law-enforcement
> mutual-aid channels.
>
> Civillian helo air/air traffic is often on 123.025, 123.050, or
> 123.075, & they're apparently also used by law enforcement helos to speak
> with their bases & pilot/pilot traffic between the helos.
>
>
> Tim
>
>
In the greater Phoenix Arizona area, the police choppers use the normal AM aircraft freqs when flying around (FAA requirement) However they use the police UHF (430MHz band) when talking to the police on the ground during chase and law-enforcement activities.

Tom WB7ASR...

84. Re: Choppers Overhead!!

Newsgroup: rec.radio.scanner
Date: 1994-08-02 20:58:30 UTC
From: davion28@netcom.com
Message-ID: <davion28CtxE9J.Cyn@netcom.com>
Source record: 270900
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Patrick Springer (lasix@netcom.com) wrote:
: Last night (as with many nights in LA) there were cop choppers
: circling my area. I tried scanning a range from 130-180 and didn't come
: up with anything. Could someone guide me a little. I do have Police Call
: but it doesn't get specific about helicopters. I would like to knoe why
: they are circling and if they lose the chase... (get my gun!)

: Thanks,
: Patrick
: lasix@netcom.com

: --

Don't they use the normal police channels? They do here in San Diego.

85. Six Flags over Georgia Freqs wanted

Newsgroup: rec.radio.scanner
Date: 1994-08-02 21:20:02 UTC
From: wwhitby@aol.com
Message-ID: <31mda2$len@search01.news.aol.com>
Source record: 270904

Does anyone have a list of the frequencies used by Six Flags over Georgia
and what they are used for? If you do, please e-mail me a copy.

Thanks,

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

86. Re: How do you hear Saber system

Newsgroup: rec.radio.scanner
Date: 1994-08-02 21:26:16 UTC
From: martyf@panix.com
Message-ID: <31mdlo$l9c@panix2.panix.com>
Source record: 270886

Lee Pollack (lee-p@mailhub.scf.lmsc.lockheed.com) wrote:
: I have a pro-34 but can`t pick up the freqs used on tht Motorola "Saber"
: system used by law enforcement in certain areas. So, what can I do ? The
: scanner is being rendered useless by this encoded system as well as all
: scrambled type systems. Are there scanners available that DO unscramble and/
: or decode as required for intelligable listening. Thanx--LEE

Well, now, isn't that the point of scrambled comms?
The motorola system, and it's cousins, are pretty sophisticated and
certainly not something you'll be able to go to the store and buy
a "descrambler" for. The only thing I'd suggest is trying to get a Saber
radio and having it "keyed" to the system. The local PD should be happy
to do it for you.
The only really easy scramble to counteract is frequency inversion, which
takes all of about $10.00 worth of junkbox parts to counteract. See
Popular Electronics Magazine, I think it was a year or so ago, for the
circut.

--
Marty Focazio
Work: martyf@edny.univid.com
Me: martyf@panix.com
Opinions experessed here are not necessarily those of my employer.

87. BC 700A

Newsgroup: rec.radio.scanner
Date: 1994-08-02 21:41:08 UTC
From: azamin@ecst.csuchico.edu
Message-ID: <31mehk$5jd@charnel.ecst.CSUChico.EDU>
Source record: 270888

Hi,
Does anyone has any experience with BC 700A? I haven't notice about
any posting about BC 700A yet, so ... . I searched the ftp site at
ftp.catt.ncsu.edu for modifications on this model but couldn't find any.
Anyone out there has any info? Thanks..

azamin.
k

88. Re: 46 mhz log periodic antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-02 21:45:43 UTC
From: martyf@panix.com
Message-ID: <31meq7$min@panix2.panix.com>
Source record: 270887

[much header information deleted...]

: >be to build a very directional antenna for 46 mhz. I was thinking about using
: >a PVC pipe as a beam to hold the elements of a log periodic antenna. Would
: >anyone care to give me some advise or clues on what the best plan of attack
: >would be.

[more lines deleted...]

: >PLEASE do NOT refer me to any reference materials!

[a brilliant followup by Dave Bushong of Wang Imaging deleted, but saved
in my home directory]

[an now my comments...]

Look, if this is your first antenna project, there is no better reason
to go to the library, or connect to one of the fine Ham Radio newsgroups
here on the Internet. Nobody is going to be able to simply tell you how
to build an antenna to listen to cordless phone calls in a 32kb chunk of
text.
If you really want to learn to build and antenna, then learn. But if you
want to be spoon fed, offer someone on this newsgroup $$$ to build one for
you. They'll do it better, and faster than you can. Of course, its
because they "bothered" reading the reference material.
Oh, and a Yagi antenna looks alot like this:

|=|=|=|=|=|===| of course, the element lengths vary,
| but you'll have to look at a reference
| book to find out what size and polarity
| you'll need for your project.

--
Marty Focazio
Work: martyf@edny.univid.com
Me: martyf@panix.com
Opinions experessed here are not necessarily those of my employer.

89. Re: My $.02 on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-08-02 22:20:23 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.775866023@constellation.ecn.purdue.edu>
Source record: 270890

sjking@freenet2.scri.fsu.edu (Steven J. King) writes:

>Just to add my $0.015 (after taxes) worth...

>As for the issue of listening to the phone company's microwave links,
>that should be illegal because of the phone customer's reasonable
>expectation of privacy. If you use your landline telephone, you

Time to beat the dead horse again.

This was already covered under Section 605 of the Communications
Act of 1934 that made it legal to listen to ANYTHING, but ILLEGAL
to divulge the contents of any of it EXCEPT for commercial broadcasts,
amateur radio transmissions and communications related to ships and
planes in distress. NO other law was needed.

>The problem with current scanner laws is that they artificially
>creating a sense of security on VERY UNSECURE modes of communication.
>They are equivalent to, IMHO, making it illegal to listen if your
>neighbors talk to each other with bullhorns.

Good analogy.

Duane

90. Re: Cover-up by FBI ?

Newsgroup: rec.radio.scanner
Date: 1994-08-02 23:39:16 UTC
From: feustel@netcom.com
Message-ID: <feustelCtxLpG.9F0@netcom.com>
Source record: 270893

GWOODY@maestro.maestro.com (G Woody) writes:

>Zeps (chuck@dt-can.com) wrote:

>: ** FBI COVER-UP OF FOSTER MURDER ? ***

>: There was a big deal made of a Pager found at the Ft. Marcy Park
>: body dump-site in the Senate hearings this afternoon and almost an
>: hour was spent discussing possible numbers on the pager found near
>: the body of Vincent Foster Jr. (murdered WH Council).

A much more interesting fact is that 'The Man in The Van' who found
the body reported that he saw both of Foster`s hands in a palm-up
position with no gun in either one. In the FBI report he conceeded
after being asked at least 25 times that there might have been a gun
in one of the hands. Then the man was shown the picture of the gun in
Foster's hand leaked to ABC. The man became very agitated and said
there was no way that picture could be accurate.

Finally, the park policeman first on the scene reported that there was
a gun in Foster's hand when he arrived at the scene.

So who's lying?
--
Dave Feustel N9MYI Internet:<feustel@netcom.com> Compuserve:<73532,1747>

Hilary Rodham Clinton: A 20th Century Lady MacBeth?

91. RS New 1,000 Channel Scanner

Newsgroup: rec.radio.scanner
Date: 1994-08-02 23:43:35 UTC
From: gary@kimbark.uchicago.edu
Message-ID: <1994Aug2.234335.9068@midway.uchicago.edu>
Source record: 270896

For those of you wondering. . .

PRO 2035 stock #20-460 price $450.00

RS Store manager told me he could get me one in two weeks
or less if I prepaid.

Gee, AOR8000 or the PRO 2035?

Gary

--
Gary Buchholz / KE9ZM Internet: gary@midway.uchicago.edu
University of Chicago Packet: KE9ZM@N9HSI.IL.USA.NA
Academic and Public Computing
1155 East 60'th St., Chicago, Ill. (312) 702-7611

92. Re: Choppers Overhead!!

Newsgroup: rec.radio.scanner
Date: 1994-08-03 00:46:14 UTC
From: thomas@venice.sedd.trw.com
Message-ID: <1994Aug3.004614.24044@venice.sedd.trw.com>
Source record: 270895
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <lasixCtwzsx.50q@netcom.com> lasix@netcom.com (Patrick Springer) writes:
> Last night (as with many nights in LA) there were cop choppers
>circling my area. I tried scanning a range from 130-180 and didn't come
>up with anything. Could someone guide me a little. I do have Police Call
>but it doesn't get specific about helicopters. I would like to knoe why
>they are circling and if they lose the chase... (get my gun!)
>
>Thanks,
>Patrick
>lasix@netcom.com
>

In the City of L.A. the air units typically use one of the Tactical freqs.
to communicate with ground units. Try Tacs 2-7 plus the freqs.
for your local division/bureau as listed in {Police Call}, etc. They
also like to use the repeater output frequency for the "emergency trigger"
freq. (Tac 8?), that way whatever the helo transmits doesn't get broadcast
throughout the whole city. Going to simplex mode on any Tac has the
same effect. Just program the listed frequency for the Tac channels
into your scanner. If they're nearby operating in simplex you'll hear them.
(I've been disappointed on more than one occassion when units participating
in something interesting half-way across town switch to simplex and
can no longer be heard.)

Someone else replied with info on the usual air-to-air freqs, 123.075, etc.
Those are interesting on occasion, too.

Rob

93. Fast Food Freq. collection

Newsgroup: rec.radio.scanner
Date: 1994-08-03 01:09:19 UTC
From: pwd@apple.com
Message-ID: <pwd-020894170919@17.130.21.21>
Source record: 270898
Cross-posted to: rec.radio.scanner,alt.radio.scanner

People occasionally request listings of the frequencies used by various fast food drive-ups to link the drive-up to the main restaurant. While listening to people order various combinations of burgers and fries gets old pretty fast [although I've never tried it for any real length of time], some of the frequencies below are also used to link the employees working at the drive-up window to the other kitchen staff and THOSE channels occasionally contain interesting listening material. While there seem to be some favorites (30.84MHz and 154.57MHz seem to be in particularly widespread use), most channels seem to be spaced 12.5KHz in some fairly narrow bands. I don't know what the limits are of the bands in question but I believe there's a general "low-power business use" portion of the frequency spectrum set aside for just these sorts of uses. There are undoubtedly many frequencies in that range not specifically listed below, but it should be easy to scan around the listings found below.

Note that some frequencies seem particularly popular for internal use: 82.5MHz, 88.5MHz, and 100.0MHz are used exclusively for private lines. These might be worth programming specifically.

The listing can be read horizontally to see who's on a particular frequency or vertically for some of the major chains to see which frequencies they've used elsewhere.

This list was compiled from numerous posts on the Internet news groups alt.scanner and rec.scanner from many posters, among them:

Brad Steinman (cscon0151@uoft02.utoledo.edu, 131.183.1.4),
mcneill@salem.enet.dec.com,
Bob Parnass (parnass@ihlpm.att.com),
stretch1@aol.com.

Thanks for sharing the information!

Hope this helps; have fun,
-Patrick Penzias Dirks, pwd@apple.com.

Fast Food Frequencies
Last Updated: 7/29/94

Key to abbreviations: Key to suffixes:
McD - McDonald's -C: Customer
BK - Burger King -W: Window Clerk
HD - Hardee's -P: Private (internal)
KFC - Kentucky Fried Chicken -R: Repeater

TB - Taco Bell -B: Business
WND - Wendy's

Others:
ARB - Arby's
BB - Bob's Big Boy
BED - Bess Eaton Donut
CFA - Chick Fil A
CJR - Carl's Jr.
DD - Dunkin Donuts
DQ - Dairy Queen
FF - Foster Freeze
HDE - Hot Dogs Etc.
JIB - Jack in the Box
MIC - Wireless Microphone
MWD - Mrs. Winner's Drive-up
RR - Roy Rogers
WAB - Whataburger

```
Freq.(MHz) -MCD- -BK- -HD- -KFC- -TB- -WND- - Others -------------
30.8200 ..... ..... ..... KFC ..... .....
30.8400 McD BK HD KFC TB-C WND ARB BB-C(R) DQ HDE MWD WAB
31.0000 ..... BK HD KFC-C ..... WND ARB CFA FF HDE
33.1400 McD ..... ..... ..... ..... ..... HDE
33.1600 ..... ..... ..... ..... TB .....
33.4000 McD ..... ..... KFC ..... ..... DD JIB
33.7150 McD ..... ..... ..... ..... .....
35.0200 McD ..... HD ..... ..... .....
35.0600 McD ..... ..... ..... ..... .....
35.1200 McD-B ..... ..... ..... ..... .....
36.7000 ..... ..... ..... ..... ..... ..... MIC
37.1000 ..... ..... ..... ..... ..... ..... MIC
37.1600 ..... ..... ..... ..... ..... ..... MIC
40.6800 ..... ..... ..... ..... ..... ..... MIC
42.8900 ..... ..... ..... ..... ..... ..... MIC
43.0000 ..... ..... ..... ..... ..... ..... Specific use unknown
44.2700 ..... ..... ..... ..... ..... ..... MIC
44.8700 ..... ..... ..... ..... ..... ..... MIC
49.8300 ..... ..... ..... ..... ..... WND-C
49.8900 ..... ..... ..... ..... ..... WND-W
67.7750 McD-C ..... ..... ..... ..... .....
70.2450 McD-C ..... ..... ..... ..... .....
71.1050 McD-C ..... ..... ..... ..... .....
82.5000 McD-P ..... ..... KFC-P ..... ..... DD-P
88.5000 ..... ..... ..... KFC-P TB .....
100.0000 McD-P BK-P ..... ..... ..... WND-P DD-P HDE WAB
103.5000 ..... BK-P ..... ..... ..... .....
107.2000 McD-P ..... ..... ..... ..... ..... CJR WAB
110.9000 ..... BK-P ..... ..... ..... WND-P
114.8000 ..... BK-P ..... ..... ..... ..... DD-P CJR
123.0000 ..... ..... ..... KFC-P TB ..... ARB
```

```
127.3000 ..... BK-P ..... ..... ..... ..... DD-P
141.3000 McD-P ..... ..... ..... ..... .....
151.4000 ..... ..... ..... ..... TB-P .....
151.5200 ..... ..... ..... ..... ..... ..... Specific use unknown
151.5350 ..... ..... ..... ..... ..... ..... Specific use unknown
151.6850 ..... ..... HD ..... ..... .....
151.7150 McD ..... ..... ..... ..... .....
151.7750 McD ..... ..... ..... ..... .....
151.8050 ..... ..... HD ..... ..... .....
151.8950 McD ..... ..... ..... ..... ..... HDE
152.9150 ..... ..... ..... ..... ..... ..... Specific use unknown
153.0050 ..... ..... ..... ..... ..... ..... Specific use unknown
154.4900 McD-W ..... ..... ..... ..... .....
154.5150 ..... ..... ..... ..... TB .....
154.5400 McD ..... ..... KFC ..... ..... JIB
154.5700 McD BK HD KFC TB-W WND ARB BB-W (I) DQ HDE WAB
154.5800 McD-W ..... ..... ..... ..... .....
154.6000 McD ..... HD ..... ..... .....
154.7000 McD ..... ..... ..... ..... .....
156.7000 ..... ..... ..... ..... ..... ..... CJR
162.2000 ..... ..... ..... KFC-P TB-P .....
169.4450 McD ..... ..... ..... ..... .....
170.2450 McD ..... ..... ..... ..... ..... MIC
170.2500 McD ..... ..... ..... ..... .....
170.3050 McD BK-W HD KFC-W ..... WND CFA FF HDE MIC
171.1050 McD ..... ..... ..... ..... ..... MIC
171.3050 McD ..... ..... ..... ..... .....
171.9050 McD ..... ..... ..... ..... ..... MIC
173.8000 ..... ..... ..... ..... TB-P .....
192.8000 McD-P ..... ..... ..... ..... .....
457.1250 ..... ..... ..... ..... ..... ..... Specific use unknown
457.5125 ..... ..... ..... ..... ..... ..... Specific use unknown
457.5250 ..... ..... ..... ..... ..... ..... WAB
457.5375 ..... ..... ..... KFC TB WND BED-C (R) RR
457.5500 McD BK HD ..... TB ..... ARB CJR DD EPL
457.5625 ..... BK ..... ..... ..... .....
457.5750 ..... BK HD ..... ..... .....
457.5875 ..... ..... ..... KFC-C ..... .....
457.6000 ..... BK ..... KFC ..... ..... BB-C (R)
457.6125 ..... ..... ..... ..... ..... WND WAB
457.8250 ..... BK ..... ..... ..... .....
460.8875 ..... BK HD KFC TB WND
460.9975 ..... ..... ..... ..... ..... ..... Specific use unknown
461.0375 McD-C ..... ..... ..... TB .....
461.0875 ..... ..... ..... KFC TB WND
461.1125 ..... ..... HD ..... ..... .....
461.4500 ..... ..... ..... ..... ..... ..... Specific use unknown
461.5375 ..... BK-C(R).... ..... TB ..... LJS
461.7125 ..... ..... HD ..... ..... .....
461.8125 ..... ..... ..... ..... ..... WND WC
```

```
462.0500 ..... ..... ..... ..... ..... ..... Specific use unknown
462.1625 ..... ..... ..... KFC ..... .....
462.7500 ..... ..... ..... KFC ..... .....
462.7625 ..... ..... ..... KFC ..... .....
463.0000 ..... ..... ..... ..... ..... ..... Specific use unknown
463.0250 ..... ..... ..... ..... ..... ..... Specific use unknown
463.0500 ..... ..... ..... ..... ..... ..... Specific use unknown
463.0750 ..... ..... ..... ..... ..... ..... Specific use unknown
463.1000 ..... ..... ..... ..... ..... ..... Specific use unknown
463.1250 ..... ..... ..... ..... ..... ..... Specific use unknown
463.1500 ..... ..... ..... ..... ..... ..... Specific use unknown
463.1750 ..... ..... ..... ..... ..... ..... Specific use unknown
463.2875 McD-C BK-B ..... ..... ..... .....
463.5000 ..... ..... ..... ..... ..... ..... Specific use unknown
463.6750 ..... ..... ..... ..... ..... ..... Specific use unknown
464.0125 McD ..... ..... ..... ..... .....
464.0875 ..... ..... ..... KFC ..... .....
464.1125 McD ..... ..... ..... ..... .....
464.1375 McD ..... ..... ..... ..... .....
464.1625 McD ..... ..... ..... ..... .....
464.1875 McD ..... ..... ..... ..... .....
464.3125 McD ..... ..... ..... ..... .....
464.3375 McD ..... ..... ..... ..... .....
464.3875 McD ..... ..... ..... TB .....
464.5000 ..... ..... ..... ..... ..... ..... Specific use unknown
464.5125 McD ..... ..... ..... ..... .....
464.5875 ..... ..... ..... ..... ..... ..... Specific use unknown
464.6250 ..... ..... ..... ..... ..... ..... Specific use unknown
464.9625 ..... ..... ..... ..... TB .....
465.8875 ..... BK-W ..... KFC TB-W WND
466.0375 McD-W ..... ..... ..... TB .....
466.0875 ..... ..... ..... ..... TB WND
466.1125 ..... ..... HD ..... ..... .....
466.1750 ..... ..... ..... ..... ..... ..... Specific use unknown
466.5375 ..... ..... ..... ..... TB .....
466.8125 ..... ..... ..... ..... ..... ..... WC-W
466.8875 ..... ..... ..... ..... ..... ..... Specific use unknown
467.0125 McD ..... ..... ..... ..... .....
467.0500 ..... ..... ..... ..... ..... ..... Specific use unknown
467.7375 ..... ..... ..... ..... ..... ..... Specific use unknown
467.7500 ..... ..... ..... ..... ..... ..... WAB
467.7625 ..... ..... ..... ..... ..... ..... BED-W (I) RR
467.7750 McD BK-W ..... ..... ..... ..... CJR DD
467.7875 ..... BK-W ..... ..... ..... .....
467.8000 ..... BK-W ..... ..... ..... .....
467.8125 ..... ..... ..... KFC-W ..... .....
467.8250 ..... BK-W ..... ..... ..... ..... BB-W (I) WAB
467.8375 ..... ..... ..... ..... ..... WND
467.8875 ..... ..... ..... KFC ..... .....
468.0000 ..... ..... ..... ..... ..... ..... Specific use unknown
```

```
468.0250 ..... ..... ..... ..... ..... ..... Specific use unknown
468.0500 ..... ..... ..... ..... ..... ..... Specific use unknown
468.0750 ..... ..... ..... ..... ..... ..... Specific use unknown
468.1000 ..... ..... ..... ..... ..... ..... Specific use unknown
468.1250 ..... ..... ..... ..... ..... ..... Specific use unknown
468.1500 ..... ..... ..... ..... ..... ..... Specific use unknown
468.1750 ..... ..... ..... ..... ..... ..... Specific use unknown
468.2875 McD-W ..... ..... ..... ..... .....
468.3875 ..... ..... ..... KFC TB WND
468.5000 ..... ..... ..... ..... ..... ..... Specific use unknown
468.6750 ..... ..... ..... ..... ..... ..... Specific use unknown
469.0125 McD ..... ..... ..... ..... .....
469.0250 ..... ..... ..... ..... ..... ..... JIB
469.0875 ..... ..... ..... KFC ..... .....
469.1125 McD ..... ..... ..... ..... .....
469.1375 McD ..... ..... ..... ..... .....
469.1625 McD ..... ..... ..... ..... .....
469.1875 McD ..... ..... ..... ..... .....
469.3125 McD ..... ..... ..... ..... .....
469.3375 McD ..... ..... ..... ..... .....
469.3875 McD ..... ..... ..... ..... .....
469.5125 McD-W ..... ..... ..... ..... .....
469.6250 ..... ..... ..... ..... ..... ..... Specific use unknown
469.7125 ..... ..... ..... ..... ..... ..... Specific use unknown
469.9375 ..... ..... ..... ..... ..... ..... Specific use unknown
469.9625 ..... ..... ..... ..... TB .....
479.2500 ..... ..... ..... ..... ..... ..... ARB
```

94. NEW version of 200XLT, Mods please!

Newsgroup: rec.radio.scanner
Date: 1994-08-03 01:23:07 UTC
From: cap2624@ultb.isc.rit.edu
Message-ID: <1994Aug3.012307.1313@ultb.isc.rit.edu>
Source record: 270914

SInce I have purchaced (and returned) both the Uniden SPortCat (which I like alot, but so far cant be moded) and the BC200XLT, which turned out to be a new one with no resistor to cut to get cel. The Cpu in the newer XLT has the letter "A" appended to the CPU ID. In the processes, I have notice that BOTH the new 200XLT and sportcat are VERY similar in circuits, however the SportCat has a different processor (UC1611).

1. Where can I get the NEW 200XLT mod?
2. Might this mod work on the SportCat?
3. Is the UC1611 used in other scanners that can be moded?

In any case, I have now picked up the PRO-51. It is a fairly nice unit, though I like the SportCat's feel. The "Back Door" test code works.

Note: Back door test codes work ok the new 200XLT and the SportCat, HOWEVER the 200XLT cannot scan from the 888.xxx Frequency, and the SPortcat has omited the 888 Mhz Frequency from it's test selection all together.

--
+---+
| Rochester Institute of Technology Chris A. Peskin |
| Electrical Engineering |
+---+

95. Re: What if you hear ille

Newsgroup: rec.radio.scanner
Date: 1994-08-03 01:36:00 UTC
From: art.harris@woodybbs.com
Message-ID: <93.403.7592.0NFB2CEB@woodybbs.com>
Source record: 270906

In article <3194mn$a90@netnews.upenn.edu>,
10-89 <soren_ragsdale@path1a.med.upenn.edu> wrote:
>)Hypothetical situation:

>)You're scanning the cellular band, or a cordless phone, or whatever and
>)you hear a guy making a drug deal, plans for a murder, bombing, or
>)whatever. In the course of the call you hear the location, time, people
>)involved, etc.
>)
>)What do you do?
>)
>)Option 1: Nothing. It is illegal to divulge this information.

>)Option 2: Call and leave an anonymous tip with the proper authorities.
>)
>)Option 3: (My favorite.) Show up at the place and wait for them...

A few years ago, a similar situation was reported here on Long Island. A scanner listener overheard (on 46 MHz) some guys planning to burglarize a commercial establishment. The listener reported the incident to the PD and an arrest was made. I can't remember if it was an anonymous tip or not, but it was written up in the local papers.

The main point is that cordless phones are NOT protected by wiretap laws, and information gathered on 46 or 49 MHz can be used against the "perp." Cellular conversations ARE protected by wiretap laws; they can be used only if the proper authorities have gotten permission to intercept them.

If I heard a life threatening situation on any freq, I think I'd go the anonymous tip route -- from a pay phone!

Art

96. BC 855 XLT MODS?

Newsgroup: rec.radio.scanner
Date: 1994-08-03 01:54:49 UTC
From: abelson@operators.its.rpi.edu
Message-ID: <31mtd9$hhf@usenet.rpi.edu>
Source record: 270899

Hi,

Looking for any mods for the Bearcat BC855-XLT. Private e-mail or info on recommended ftp sites would be very much appreciated.

Thank you.

mla
--
Mike Abelson - Network Operations Center
Information Technology Services abelson@rpi.edu
Rensselaer Polytechnic Institute

97. Need formula for pocsag on m-400

Newsgroup: rec.radio.scanner
Date: 1994-08-03 02:24:13 UTC
From: milcom@netcom.com
Message-ID: <milcomCtxtCE.A7C@netcom.com>
Source record: 270911

The m-400 decoder in pocsag mode doesnt display correct cap codes.
I hoping to find a math wiz or somebody who has a math/decrypting type
program. Here are ten examples of transmitted capcodes and output of m-400.

Transmitted capcode Displayed on m-400
0006735 001511
1111111 417210
1999999 750217
1666666 626715
1888888 715112
1555555 573614
1222222 452311
0000001 000000
0000011 000001
0000111 000015
0001111 000212

It is interesting that the universal m-400 capcode output never has
numbers greater than 8 indicating the output may be octal? These results
arent random, but consistant each time the page is sent. Capcodes must
have seven digits. The output after the capcode, such as fone number
always decode correctly.
I know that some public safety uses paging, like fire departments for
selective calling. So this can be a boon for fire department junkies...
or who knows what else.

--
POP: Persistant Online Procrastination milcom@netcom.com

98. Re: info on DDI? (digital data interpreter)

Newsgroup: rec.radio.scanner
Date: 1994-08-03 02:41:41 UTC
From: agrover@cc.emory.edu
Message-ID: <31n055$pcb@emoryu1.cc.emory.edu>
Source record: 270908
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

System Operator (anagld!decode!system) wrote:
> jl@lpl.arizona.edu (Joshua Lackey) writes:

> > I have heard about a DDI test set, but the information is a bit dated.
> > Does anyone have any more recent information on this product? (Or really
> > any piece of equipment that can decode cellular phone transmissions.)

> The DDI (current model is -D, I believe) is made a company (one guy,
> as far as I know) in Wisconsin. The Canadian ECI unit is the DDI
> (same internals). I'll look up the address and telephone, if you're
> interested. You'll need to have a decent scanner, and it's recommended
> that you get audio from inside the scanner (modification instructions
> are available for most popular scanners).

> > Joshua.

> Dan

I would love the address to this place too if possible!

Thanks!

99. BC 100XLT mods wanted

Newsgroup: rec.radio.scanner
Date: 1994-08-03 02:44:49 UTC
From: zimm0062@maroon.tc.umn.edu
Message-ID: <zimm0062.775881889@maroon>
Source record: 270905

does anyone know of any mods for the Uniden Bearcat BC100XLT? Please respond via email only. Thanks much.

FRITZ..

R

100. Uniden BC350 Mobile Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-03 02:57:20 UTC
From: domonkos@access.digex.net
Message-ID: <TSmFkiubGEJP066yn@access.digex.net>
Source record: 270903

I'm looking for any mods that may be available for the BC350 mobile scanner.
Thanks.

Andy

101. Antenna Ground?

Newsgroup: rec.radio.scanner
Date: 1994-08-03 03:11:39 UTC
From: pcapps@delphi.com
Message-ID: <ZSywrPz.pcapps@delphi.com>
Source record: 270901

Dear All,

I recently bought two radio antennas. One is for FM stereo reception (RS 15-1636) and the other is a discone antenna (RS 20-013) for my scanner. I have them mounted on a 20' mast attached to the side of my house and resting on the ground. The discone antenna is at the top of the mast and the FM antenna is mounted about four or five feet below.

I have the mast grounded with heavy ground wire clamped to the mast and to a pipe driven into the ground. Reception seems to be ok. I can get my favorite FM station IN STEREO from about 90 miles, and I can certainly pick up signals on my PRO-39 that I could not pick up with either the rubber or whip antenna.

My question is what do I need to do in the way of grounding the antenna cables. The cable for the scanner is 52-ohm and the cable for FM Stereo is 75-ohm.

Please E-mail any ideas. Thank you.

Phil

102. Frequencies - Los Angeles/San Fernando Valley

Newsgroup: rec.radio.scanner
Date: 1994-08-03 03:40:15 UTC
From: g9153402@huey.csun.edu
Message-ID: <31n3iv$jcm@nic-nac.CSU.net>
Source record: 270912

Anyone have a good list of fairly active frequencies in the
Los Angeles & San Fernando Valley area? (or anything else
receivable from here). Please post here or e-mail me.
Thanks

103. RE: RADIO IDIOSYNCRASIES

Newsgroup: rec.radio.scanner
Date: 1994-08-03 04:01:00 UTC
From: john.tant@exchange.com
Message-ID: <2d.9508.603.0N850C3F@exchange.com>
Source record: 270909

020595SEXANSADVKHUFC@inferno.com writes:

>DISCLAIMER for all those PC right wing bastards out there:
>This post is from California, and may not apply to your area. But look
>around, for it may very well exist. I will hunt down more info and post
>it, but at least it will give you a start on finding a multitude of
>freqs.

>---------------------------==>> demon@inferno.com
>---------------------------==>> Silicon Valley, CA
>DISCLAIMER:
>There is none.If you take offense, see a shrink.
>FLAMES:
>Yeah go on and send them, just don't bore me.
>KIND INFO:
>Feel free to send me anything that might be helpful.
>---

Gee, fella! Who pee'd in YOUR Wheaties? I'm no RatShak fan, but do
they really rate all THAT?

John

---
* WR # 365 * "Imagination is more important than knowledge." Einstein

104. Re: Lite music at 821.25 ?!?!

Newsgroup: rec.radio.scanner
Date: 1994-08-03 05:30:21 UTC
From: firefly@omni.voicenet.com
Message-ID: <firefly-0308940128160001@firefly-slip.voicenet.com>
Source record: 270917

In article <zuxEkGG8yXEV068yn@dorsai.dorsai.org>,
bigsteve@dorsai.dorsai.org (Steve Coletti) wrote:

> Here in NYC, a company called _Music To Buy By_ leased 12 hours a day, 9am
> to 9pm, 6 days a week, on WHOM-FM, (now Infinity's WKTU, the home of Howard
> Stern). When there was no music on Sunday, (NYC had blue laws back then),
> the station didn't go on the air. Muzak owned WBFM and had it's music on
> 24 hours a day. Today it still transmitts 2 of it's services on subcarriers
> on the successor station, (Tribune's WQCD).
>

Uh, actually Howard's home is 92.3 WXRK "K-ROCK". WKTU is some country-ass
Garth Brooks playin, pig's feet eating, pickup truck drivin', swollen-face
hillbilly bar-bustin' country music station. (i think).

the firefly -------------*

105. Re: Best Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-08-03 05:52:50 UTC
From: HARRY ROBERTSON <gascan@delphi.com>
Message-ID: <Za9wTz6.gascan@delphi.com>
Source record: 270913

Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu> writes:

>Does anyone have some good scanner stories, like the time that you found
>out that your neighbors were working for the Mob or your neighborhood had
>a raving psychopath going through it and the police didn't want anyone to

So here I am , or rather I heard that someone was listening to their
BC2500 for the first time to check it out. Well here the unit gets
turned on, and the first thing out of the speaker is a comment from
the lover to the boyfriend asking him if his wife peformed certain
very specific sexual acts. The conversation was lurid enough to put
up on alt.sex.stories. It resulted in some very interesting feedback
from the wife.

106. DC Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-08-03 06:53:05 UTC
From: ctir@us.net
Message-ID: <22844.ctir@us.net>
Source record: 270910

Could anyone provide me with a list of Public Safety frequencies in D.C.?
I am specifically interested in the Capitol Hill area. Thank you very much
for your time!

- Alvin Wang

P.S. my newsfeed is somewhat flakey. Could you cc: to awang@ecl.psu.edu?
Thanks!

107. PRO-2006 schematics

Newsgroup: rec.radio.scanner
Date: 1994-08-03 07:15:13 UTC
From: N.Ducor@frec.bull.fr
Message-ID: <199408030714.JAA21157@elvire.frec.bull.fr>
Source record: 270918

I am looking for the RS PRO-2006 schematics. I know they are available from
RS parts center in the US, but unfortunately this service is not provided to
France and French RS stores. Are these schematics available in
electronic form on anon-ftp ? Could someone help ?

Nicolas

--
==
Nicolas Ducor | e-mail : nicolas@elvire.frec.bull.fr
==
The opinions expressed here are mine and don't represent the
opinions of BullWorldwide Information Systems.

108. Wanted FT-530 Mods.

Newsgroup: rec.radio.scanner
Date: 1994-08-03 09:36:01 UTC
From: brasshat@aol.com
Message-ID: <31noe1$5f9@search01.news.aol.com>
Source record: 270915

Wanted Any & All Mods For The Yaesu FT-530
Please E-Mail to:

BrassHat on AOL
or
BrassHat@aol.com Internet
or list on the board
Thank you

109. Re: AR-8000 Reviewed Here!

Newsgroup: rec.radio.scanner
Date: 1994-08-03 11:56:44 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <775915004snz@javiaton.demon.co.uk>
Source record: 270925

In article <96@sapphire.win-uk.net> scollin@sapphire.win-uk.net writes:

Hi Simon,

How's it going..Interesting review - I'm sure you've wet a few more appetites...

> You can power the set using internal batteries (nicads if preferred)
> or an external 12v dc supply.

This has to be 300Ma or more though if you try to use something
other than the supplied adaptor.

> One thousand memory channels are provided in 20 banks of 50 channels.
> The banks are designated "A" thru "J" and "a" thru "j". The lower
> case memory banks can be password protected. Each memory channel has
> an address like "A00" or "J23" or "b34".

One useful fetaure is that when you want to enter a frequncy into
any channel the radio will prompt you to the next available empty
channel which means you cannot easily overite data. You can
overide this and select any channel at which pount the display
will then show you the frequency and alpha text (if any) of you
chosen channel.

> When you store a frequency in a memory channel you can add a 7
> character comment. The comment helps with identifying channels held
> in memory and is very useful. The process of adding a text comment is
> easy: you just use the tuning knob on the top of the radio to select
> a character and the step keys to move the cursor backwards and
> forwards on the alphanumeric display.

Or you can go back and edit the alpha text at a later time. It
would be nice if you could clear the alpha text with one key
stroke though. (or have I not read through the book well enough
yet ?)

> RF and scanning performance
> ---------------------------
> Bearing in mind the filter, SSB performance is still quite good on HF
> allowing HF amateur radio and utility signals to be received clearly.
> Frequency stability is excellent through the use of true SSB.

Not as good as the MVT-7100 though in the time I've been playing
with one. I have not really tried on AM brodcast but on USB the '
7100 seems better. The first day I had one I plugged in 4.722KHz (
which is RAF Volment weather)...on the '7100 with a telescopic
antenna is was quite clear although the display show 1.5KHz offset

(Ie 4.273.5'ish), trying the same frequency on the 8000 with the
same antenna - not a tweak. I demod this to a customer yesterday
with the same result.

> There are very few spurious signals from within the radio and strong
> signal handling is very good. I live 2 miles from a 1 kW FM
> broadcaster and amongst several strong radio pager signals. I did not
> get any breakthrough from these signals on nearby bands, even when
> tuned to the nearby VHF weather satellite band.

Likewise - seems very good in this department.

> Notable features:
> Excellent manual written directly in English (not translated).

Indeed but I think Richard says he rushed a little and although I have not
read it through myself yet one or two people have mentioned it is a little
misjointed but nevertheless its is imeasurably (sp?) better than
anything the Japanese would have put together.

> Range of RS-232 control commands (the best available I have seen).

Can't argue with that - from what I can gather this interface is a
few months away yet - maybe you have some more info in view of you
connections ? I would guess though that to buy the interface & software
would leave you with little change from 150GBP

> Alphanumeric display giving clear easy to read information.

Yup..

> Panoramic (or spectrum) display.
Mmm.....pretty much next to useless though don't you think,
rather like an ashtray on a motorcycle & I think my chocolate
fireguard has more potential !

> Dual VFOs

> Password protecting memory channels.
Nice :-)

> New user and expert modes of operation.
I can see many "owners" hassling their dealer with "I can't get it
to work" screams of help though...arghhhh...

> Copying memory data between radios.

> Inbuilt ferrite rod antenna for MF coverage
There seems to one or two comments re the ferrite - it seems to
have been causing trouble switching in/out automatically which I
assume has been solved although AOR (UK) haven't mentioned this.
I also heard it mentioned is weekend that the ferrite bar may have been
a cause of problems related to the CPU as it is situtaed immediatly
above the CPU within the radio.

As you say it certainly offers plenty of punches but in the 7/10 days
or so I have been playing around with one my overall impression is
that if you shut your eyes and listen to what comes out of the
speaker the MVT-7100 is still the "better radio", yes the AR-8000 is
very good and has many facilities that people will find very
useful but the audio and performanec is just not quite that of a
Yupiteru but I'm sure the extra features will make up that slight
shortcoming for many people.

--
Cheers, I'll have a Taylors Landlord please.....
JC
/--\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
\--/

110. Prime Cable of Chicago Freq.?

Newsgroup: rec.radio.scanner
Date: 1994-08-03 12:07:50 UTC
From: pfc@ripco.com
Message-ID: <CtyKD3.Kv3@rci.ripco.com>
Source record: 270924
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone have the frequency for Prime Cable of Chicago?
or perhaps, Chicago Cable or perhaps TCI? Thanks alot!

--
"I'd rather have a bottle in front of me than a ---Paul Frank Covello
- frontal lobotomy!" * E-MAIL: pfc@ripco.com * INTERNET: pfc@rci.ripco.com *
---
* GOPHER: gopher.ripco.com * TALK: pfc@foley.ripco.com * FTP: ftp.ripco.com *

111. PRO 2006 vs. ICOM R7000

Newsgroup: rec.radio.scanner
Date: 1994-08-03 12:58:45 UTC
From: judice@sulaco.enet.dec.com
Message-ID: <31o4a5$3t8@nntpd.lkg.dec.com>
Source record: 270926

I used to own an ICOM R7000 (sold), and was pretty happy with it.
I've become more serious again about monitoring, and am considering
buying another one.

Several people have told me that they were just as happy with Pro 2006's
as R7000's. I'd like other opinions. I'm well aware of the 7000's
scanning shortcomings and issues around cellular availability. I'd like
head-head comparisons of reception quality - sensitivity, selectivity, etc.

thanks,

--

Louis J. Judice | Email: judice@sulaco.enet.dec.com
Digital Equipment Corp. | Office: 908-562-4103
20 Corporate Place South | "To those who heed the call of the machine,
Piscataway, NJ 08876 | we salute you..."

112. central bay area freqs..(

Newsgroup: rec.radio.scanner
Date: 1994-08-03 13:52:00 UTC
From: mike.moffit@totembbs.com
Message-ID: <9408040206571825@totembbs.com>
Source record: 270948

PS>I already have police and fire frequencies for the SF Bay Area, San
>Mateo and the central peninsula to be more exact. However i would like
>some frequencies for local cable,phone,gas,electric,etc.....stuff that
>can't be found as easily through books like Police Call (which i have
>and strongly reccomend).

Try "Beyond Police Call" at Radio Shack...has listings for public
utilitues, cab companies, sports arenas, etc.

 SLMR 2.1a Borgy: Friday Night Party at the Collective

113. Re: 46 mhz log periodic antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-03 14:10:43 UTC
From: magnet@nRCHs022
Message-ID: <31o8h3$cq1@corpgate.rich.nt.com>
Source record: 270928

Dave Bushong (dbushong@wang.com) wrote:
|magnet@nRCHs022 (Brad Glidewell) writes:
|To recap, then, you would rather have an anonymous stranger send you
|an ASCII file that shows how to design a driven element and
|reflector/director, than to go to a library and look at drawings and
|charts with a textual description, written by an authority on
|antennas, right?

|Good luck.

|Dave, KZ1O

|--
|Dave Bushong, Wang Imaging

Actually Dave, I was attempting to have an interesting discussion on the net. Not to just be pointed to some book. (Hows all that JUDGMENT working for you in your life?)

I guess books that you can buy from a STORE are all written by the clergy or by your well known family members? In addition, there are of course no technical people on this net right?

--
brad.glidewell@nt.com
o
)>
___./]___

114. Re: Need formula for pocsag on m-400

Newsgroup: rec.radio.scanner
Date: 1994-08-03 14:17:54 UTC
From: mitch@alpha1.csd.uwm.edu
Message-ID: <31o8uiINNitl@uwm.edu>
Source record: 270929

In article <milcomCtxtCE.A7C@netcom.com> milcom@netcom.com (wayne roberts) writes:
>The m-400 decoder in pocsag mode doesnt display correct cap codes.
>I hoping to find a math wiz or somebody who has a math/decrypting type
>program. Here are ten examples of transmitted capcodes and output of m-400.
>
> Transmitted capcode Displayed on m-400
> 0006735 001511

etc....

>It is interesting that the universal m-400 capcode output never has
>numbers greater than 8 indicating the output may be octal?

Yes. Simply convert the capcode to octal and discard the last digit
of the result (a checksum maybe?).

Mitch

115. Re: 46 mhz log periodic antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-03 14:44:56 UTC
From: magnet@nRCHs022
Message-ID: <31oah8$cq1@corpgate.rich.nt.com>
Source record: 270920

Marty Focazio (martyf@panix.com) wrote:
|[much header information deleted...]

|: >PLEASE do NOT refer me to any reference materials!

|[a brilliant followup by Dave Bushong of Wang Imaging deleted, but saved
|in my home directory]

|[an now my comments...]

Ok, Ok, You both win the prize. I guess this medium was not meant to be used
as a place to LEARN anything. Why was I so STUPID?!!!

|Look, if this is your first antenna project, there is no better reason
|to go to the library, or connect to one of the fine Ham Radio newsgroups
|here on the Internet. Nobody is going to be able to simply tell you how
|to build an antenna to listen to cordless phone calls in a 32kb chunk of
|text.

Now this IS a good point and I accept it.

|If you really want to learn to build and antenna, then learn. But if you
|want to be spoon fed, offer someone on this newsgroup $$$ to build one for

Flame? What Flames? I can't see anything behind that firewall!

|you. They'll do it better, and faster than you can. Of course, its
|because they "bothered" reading the reference material.
|Oh, and a Yagi antenna looks alot like this:

Yeah! Reading from a book! Thats a lot different from reading on the screen!!!
I guess I'll FRAME your post on my wall at the retard center! 8-)
You guys are making this WAAAAY to easy!

|
| |=|=|=|=|=|===| of course, the element lengths vary,
| | but you'll have to look at a reference
| | book to find out what size and polarity
| | you'll need for your project.

|--
|Marty Focazio
|Work: martyf@edny.univid.com
|Me: martyf@panix.com
|Opinions experessed here are not necessarily those of my employer.

No where in my post did I say I would not use a reference book. I simply
needed feedback (which I got) on where to begin. I have learned that the

log periodic is not what I want to build. If I had gotten some good ideas from someone with direct experience I would have checked out their theory as well. I would like you to reflect on your attitudes in regard to my original post.

I have learned a lot from this group and hopefully I can learn more from it. If I am doing a bad thing by requesting direct answers to questions I will stop now. I am requesting feedback on this.

--
brad.glidewell@nt.com
@
... #%\
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116. Re: Opinions on new BC220xlt

Newsgroup: rec.radio.scanner
Date: 1994-08-03 14:45:30 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.427.000EC299@ccm.hf.intel.com>
Source record: 270966

In article <31bhee$5pk@src-news.pa.dec.com> ira@src.dec.com (Ira Machefsky) writes:

>I know Uniden has had problems in the past with new models, e.g. the 2500xlt.
>Has anyone had any experience with the new 220xlt, reportedly a replacement for
>the
>older 200xlt? Is it a worthy successor to the 200xlt?

>If you could still find a 200xlt which would you prefer?

I used to have a 200XLT. Now I have a 220XLT and a 2500XLT. The 220 is a
better scanner than the 200. It has more features, faster scanning, service
search, etc. I think it is slightly more prone to images than the 200XLT, but
not too bad.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

117. BEARCAT BC70XLT

Newsgroup: rec.radio.scanner
Date: 1994-08-03 14:49:27 UTC
From: JLITTLEF@UGA.CC.UGA.EDU
Message-ID: <170079837.JLITTLEF@UGA.CC.UGA.EDU>
Source record: 270931
Cross-posted to: alt.radio.scanner,rec.radio.scanner

During the tragic flooding here in July, my brother-in-law bought a Bearcat BC70XLT that proved to be invaluable. We were able to stay on top of many situations such as rescue attempts, responses, and kept up-to-date with the status of the only road open that led in or out of Americus, GA. Again, the scanner was extremely valuable.

My question is whether or not this particular unit can be modified, and if so how? I can't tell ya'll anything about it since he has the scanner and I have the internet access.
Thanks in advance,
Jim

118. Re: BC100XLT Mod?!? Please?!?

Newsgroup: rec.radio.scanner
Date: 1994-08-03 14:51:45 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.428.000EDD3F@ccm.hf.intel.com>
Source record: 270967

In article <31ccs0$ssg@deep.rsoft.bc.ca> a00244@giant.rsoft.bc.ca (Mark Prenter) writes:

>Hi, I was wondering if there was a mod around that gets the old BC100XLT to
>receive military range...ie) ~400 MHz range? Any information would be
>GREATLY appreciated.

There are no mods which will allow you to receive the 200 - 400 military
aircraft band on the 100XLT. However, I think Grove now sells a frequency
converter that will let you monitor this range on your scanner.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

119. Re: AR-8000 Reviewed Here!

Newsgroup: rec.radio.scanner
Date: 1994-08-03 14:57:37 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.431.000EF64B@ccm.hf.intel.com>
Source record: 270968

In article <96@sapphire.win-uk.net> scollin@sapphire.win-uk.net (Simon Collings) writes:

>Review of AOR AR-8000 handheld scanner
>=====================================

Thanks for the great review. Sounds like a winner. Time to sell some stock.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

120. Re: PRO-43 performance: AC vs. batteries

Newsgroup: rec.radio.scanner
Date: 1994-08-03 15:02:31 UTC
From: zenith89@bnr.ca
Message-ID: <zenith89-030894110232@47.80.2.73>
Source record: 270935

In article <17006D01ES85.M22646@mwvm.mitre.org>, M22646@mwvm.mitre.org
wrote:
> My Pro-43 receives signals in the 40-50 MHz range much better when running off
> the AC adapter instead of batteries (rechargeable NiCads or alkaline). Why?
> Does it have anything to do with the radio being grounded when plugged in
> via he adapter? Has anyone else noticed this? I'd like to have better
> reception when running under battery power. Any ideas? Thanks!

Yes, I always assumed that the power cord is acting as an antenna.
What you need is merely a longer antenna -- the supplied rubber duck is
not too good for 40-50 MHz. Radio Shaft sells a telescoping antenna
with a BNC mount which I find works OK for the range mentioned. I use
it for monitoring cordless phones.

Be careful -- such things put quite a strain on the scanners BNC mount.
The case can easily be cracked or the connection inside the scanner
can come loose.

--
Chris Van Fleet, Bell Northern Research. | Never trust a
Phone (613) 763-7541, fax (613) 763-7383.| air-cooled computer.
Internet: zenith89@bnr.ca |

121. SW Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-08-03 15:04:00 UTC
From: jlloyd@pluto.cs.clemson.edu
Message-ID: <31obl0$j3u@hubcap.clemson.edu>
Source record: 270922
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

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Below is a collection of SW receiver reviews written by readers of Rec.radio.shortwave. The number following the brand and model number is the number of readers, who indicated they use this type of receiver.

All credit for these reviews should be given to the readers of this group and not me.

John Lloyd

Radios Reviewed:

AR3000
DAK DMR-3000
Emerson PSW-4010
Grundig Satellit 500
Grundig Satellit 700
Icom IC-R70
Icom R-71A
Japan Radio Company NRD-515
Japan Radio Company NRD-525
Kenwood TS-450
Lowe HF-150
Lowe HF-225
Magnavox 3625
Magnavox AE-3805
Panasonic RFB-65L
Philips AE3905
Realistic DX-342
Realistic DX-375
Realistic DX-380
Realistic DX-390
Realistic DX-440
Sangean ATS-803A
Sony 2010
Sony ICF-5100
Sony ICF-5900W
Sony ICF-7601
Sony ICF-SW20
Sony ICF-SW33
Sony SW-1
Sony SW-15
Sony SW-55

WATKINS-JOHNSON HF-1000

****

Sony 2010 - 3

I found it VERY easy to plug in and start listening. The supplied instructions are adequate for what they do, but are not really enough to really start enjoying the radio. The whip antenna works great at home, but just doesn't cut it at work (way too much metal/interference). Even the supplied wire antenna does not seem to help at work (I have not yet tried it at home (no real need).

****
Realistic DX-342 - 1

I've owned this little radio for about a year now and am really pretty happy with it.

Advantages: Size - Measuring approximately 4 3/4 x 2 5/8 x 1, you can take this little mini anywhere! Even slip it into your shirt pocket!
SW bands - Covers 9 SW bands: 49m, 41m, 31m, 25m, 21m, 19m and 16m.
MW, FM, FM Stereo (thru headphones)
Travel Power lock
Push button control
Runs on two AA batteries or AC adapter
Travel pouch
Carrying strap

Disadvantages: It's an analog unit, guys and gals, no digital display.
No back stand
Antenna does not rotate up

I've had a lot of fun with this little receiver. The SW sensitivity is quite good for my area of the country, Cleveland, Ohio. The speaker has a nice sound and improves thru the earphones. FM stereo thru headphones is great! MW DXing is surprisingly good! I can grab signals from Boston, Chicago, New York and Cincinnati much better than on my Magnavox AE 3625 Digital!

Summary: A nice little travel radio that's fun to fiddle with or take for travel when you're in a pinch. Radio Shack has discontinued this model so you might be able to find it on sale for around $50.00. I love the size! Ideal for travel! I'm beginning to think that anything larger is too

cumbersome. I do miss the Digital Display and all the
features that go with it: Freq. display, Alarms,
world time display, etc. If I were buying today, though,
I'd consider what else is out there for just a bit more
money. For example, the new Sangean 606 is only
slightly larger and has all the digital features mentioned above that I miss. I
've seen it priced for as little as
$179.95!

****
Realistic DX-375 - 1

It costs $99.99 though I got it for $89 since I had a coupon for a
rebate. For the price I think I got a good deal. It has digital tuning
and direct input of frequencies which allows tuning to be a pretty
simple job and not a time consuming act of patience. It uses two C type
batteries... I use rechargable ones and they last a pretty long time..

It is not small enough to carry in your shirt pocket but it could fit in
the front or side pocket of an average sized backpack. It is just great
when you are walking back home from school/work ... it can be easily
carried in one hand as you catch up on the news from
BBC/Deutschewelle/Radio Australia/etc.... as you walk home..
I get decent reception of all the `big stations' even indoors and have, on
occasion also been able to tune to Radio UAE....

The sleep function is perfect for someone like me who likes to fall asleep
with music... the FM sound is pretty good in stereo (headphones)... The
AM reception is also fairly good but it has a very high tendency to catch
those Bible bashing stations...probably a reflection of the region where
I live...

The strap is a little shoddy and I have a feeling I may have to `fix it'
soon... I expect it to pop out any moment....
Despite that, I like it...

****
Realistic DX-380 -2

I've owned a DX-380 for about 9 months now and....
It's a GREAT RADIO! However, I should qualify
this. I bought it on sale from Radio Shack for the
bargain price of $129.95! It regularly retails for
$179.95. At $130.00, this radio is a real steal!

About the size of a large paperback book, the 380
is feature packed!

*DUAL CLOCKS
*ALARM WITH RADIO/BUZZER
*60 MINUTE SLEEP TIMER
*DUAL BANDWIDTHS
*DIRECT FREQ. ENTRY TUNING

*TUNING KNOB
*SLEW TUNING
*TUNES IN 1 OR 5 KHZ STEPS
*CLOCK DISPLAYED SEPARATELY
*BACKSTAND
*STEREO THRU HEADPHONES
*CONTINUOUS SW COVERAGE...NO GAPS!
*AUTO SCAN UP OR DOWN
*ANTENNA ROTATES AND SWIVELS
*CARRYING CASE

The sensitivity of this radio is GREAT! With a reel antenna, it's even better! I read another review that said reception was lousy....I think that individual should check his particular receiver as he might have the rare defective unit. MW reception is also outstanding and with a Slect-A-Tenna is greatly improved! Herein Cleveland, I pick up Chicago, Cincinnati, and Pittsburgh during the day WITHOUT the select-a-tenna! With the S-A-T reception gets an added boost! (these are all 50,000 watt stations)

I have found it to be about the perfect travel size. I would like something smaller, like the 606. This size, however is fine. I've carried hardbound books on jets that are larger. The many features makes up for it's slightly larger size over a mini. It does not have SSB, but I really don't miss it.

All in all, A great radio priced at $130.00! I would not have bought it for the price of $179.95. There are other radios in that price range that ive ya more bang for the buck. At $130.00, it's a great deal! If you can get it at that price, snap it up!

I am by no means an expert, but I have a DX-380 and can give some of my experiences. First of all, I would pay the extra to get the 390 to get the single side band capability. I miss it. I miss it. Also, the sensitivity for foreign broadcasts (I'm in DC) without an external antenna is poor. You get the BBC and some German broadcast relays from Canada transmitters, some south american stuff, and that's it. BUT with a 50 m Cu wire out my 2nd story window attached to the antenna with an alligator clip, I regularly get Abu Dhabi and Australia at night.

****
Realistic DX-390 - 2

Great mid-sized digital portable. Good sensitivity and selectivity. Digital display shows time, frequency, signal strength, and memory location. Covers LW (in 9 kHz steps), MW (in 9 or 10 kHz steps) and SW continuously from 150 kHz to 30000 kHz. FM reception (88-108 MHz) with stereo through headphone jack. BFO control for SSB reception. Built-in timer/clock, 9 programmable memory locations per band, except 18 on SW. Good audio output. RF Gain and AM bandwidth controls. Keypad

frequency entry. External antenna, AC-adapter inputs.

A great radio for the beginner or as an upgrade from a smaller and/or analog unit.

Purchased from Radio Shack for $219 in January, 1992.

I have a new Realistic DX-390 (alias Sangean 813??). Seems to be a great value for the price $169 US. I haven't yet heard from someone who can recommend a radio for the same price that is better, and can back it up with facts.

****
Grundig Satellit 700 - 3

Truly a world-class portable, digital receiver. Excellent sensitivity and selectivity. Digital display with two separate clock/timers, signal strength meter, band selection, frequency readout, and user-definable eight-character "name" for each memorized station. Has RDS circuitry on FM to decode the newly-phased-in system for identifying stations by call letters, format, etc. 512 memory positions, upgradable to 2048. Tunes in .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. Receives USB and LSB. Synchonous detector helps pick difficult-to-receive stations out of the crowd. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz). Excellent audio output, with separate treble and bass controls. Stereo through headphones or external speakers. Line-level out (left and right), external antenna, and 12 VDC-in jacks. Local/DX switch. Built extremely rugged. Multi-national power supply included.

An outstanding performer, and worth the price to a serious SWL or DX'er who requires portability.

Purchased from Universal Radio for $479 in April, 1993.

The Following is a comparison of the SONY ICF-SW77 and the GRUNDIG SATELLIT 700:

Both of the receivers you are looking at are pretty solid. The Sony is slightly smaller and has a somewhat more "finished" feel about it. The Grundig is SOLID with a much better sound. Neither is as good a SW signal receiver as the previous Sony, the '2010 (2001). However, they both have very advanced features; multiple (and in the Grundigs case, expandable) memories with alphanumeric tags so that you have a name as well as a frequency, all sorts of memory grouping and scanning etc. The Grundig has good RDS ident. on it's FM band, but I have a feeling that this isn't used much, if at all, in the US. If you intend to buy second-hand, be very wary of the SW77 - the early version was

pretty flakey. The later version is better but still not as good as the '2010.
I think that the choice comes down to "feel". They are both quite complex to use, but both work as advertised. Try 'em both as they have quite distinct operational methods. If sheer performance on SW is the main point for you, compare them with the Sony ICF2010. You'll buy it and save some loot !
For what it's worth, I tried them both and settled on the Grundig. I have my Satellit 700 in daily use and it's performed without a hitch.

My reasons for the choice were:

1. Performance. The Grudig was much better than the early SW77.
2. Sound. I happen to prefer the slightly bassy Grundig sound to the somewhat sharper Sony.
3. Power. The Grundig takes D cells and can self-charge Nicads in the set, which is how I have it set up. (The SW77 used C cells) They both run down batteries fast. The Sony worse than the Grundig due to it's smaller cells.
4. RDS. I love it and the SW77 doesn't have it.
5. Feel. I like the, I don't know, Germanic solidity and sheer heft of the Satellit. A Satellit with a full load of 4AH Nicads can tip the scales at twice the weight of a SW77. Of course, if drop one on your foot the Sony would be the better bet ! I only use the Grudig about the house. I have a '2010 for the road.

I hope this splurge hasn't clouded the issue for you.

Editor's Note:
I have one of these radios and love it! I sent the following message to someone just after I bought it.

I just recently forked out $500 and bought a Grundig Satalit 700. The sound from the radio is truely impressive! I have always wondered why broadcasters put music on shortwave, because it alway sounded like garbage. However with the 700 I can listen and enjoy the music. The 700 has Bass and Treble controls, which improve the sound quality but the Automatic Gain Control most likely does the most toward improving the sound (I'm not an expert, so this is just a guess!). Anyway my Wife regularly listens to music coming from a 60m band radio station in Guatemala, and can enjoy the sound. However there are some bad points. It is programable, but I have not worked out how to do it yet. Well I tried once and gave up. This is not too bad though, because BBC, Deutche Welle, and about 10 others are stored in a ROM table. And these frequences actual work (i.e. they are the frequencies for North America and NOT Germany).
Also I connected a long wire antenna and found my local AM station on shortwave. I guess the front-end is not good enough to

sort the signals out when coming from a large antenna. But don't worry about this either.
If you only want to listen to the biggies like BBC, Deutche Welle, you won't need an external antenna. I am planning to put a Pre-selector between The Radio and the Antenna, and I think this will cure the problem of AM stations on shortwave and cut out some interference. Finally I recommend this radio to you. I'm sure you will have hours if enjoyment from it.

****
Grundig Satellit 500 - 2

Formerly Grundig's flagship portable SW receiver, this is still an excellent piece of equipment. Excellent sensitivity and selectivity. Digital display with two separate clocks (only one displayed at a time), signal strength meter, frequency readout, and four-character user-definable "name" for each memorized station. 42 memory positions. Tunes to .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. In addition to AM, has three receiving "modes" for LW, MW, and SW: USB, LSB, and "Sync," which should more accurately be described as "fine tuning," as this implementation of synchronous detection operates differently from the Satellit 700 or Sony 2010. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz).
Excellent audio output, with separate treble and bass controls. Stereo through headphones. Line-level out (mono), external antenna, and 12 VDC-in jacks. Local/DX switch.
Built extremely rugged. Power supply included.

An all-around great performer. Now that it's discontinued, many outlets are selling this unit at close-out prices, making this radio an excellent value for the money.

Purchased from Universal Radio for $379 in December, 1992.

I have a Grundig Satellit 500 and am basically satisfied with it. I miss the 512 memories of 700 and 'SSB clarify' control sometimes.

Yes, its 'sync' is exactly fine tuning in 100 Hz steps. However, it is rather simple to make it work similarly to '700 and '2010, because the detector chip is the same in all three. Only a switch with two pairs of contacts is needed. Another design fault, the excessive distortion in SSB mode, can be partly cured by adding two resistors. For serious DX-ers it may be important that the internal ferrite rod cannot be disabled on MW and LW in both 500 and 700, so the in-house noise may become a problem on these bands.

****
Lowe HF-150 - 1

The Lowe HF-150 (sold by Universal and EEB) is a nice compromise. Similar number of cubic inches as the Sony (different shape), but offering some features of the R8. Also the Lowe is made with a mostly solid alumnum case, which is better than the Sony or the Drake. The Lowe has dual antenna inputs (wire or SO-239), record out, audio out, 12vDC in. It can run off any 12V DC battery. I use 7 aH gelcells which I recharge. The Lowe also takes 8 internal AA nicads *OR* disposable batteries. It will recharge the nicads with a builtin recharger if you plug it into an external power supply. It's a nice semi-portable radio. It has a few ideosyncracies, but you might want to look at it.

****
Lowe HF-225 - 2

I've had an HF-225 for a few years now, and I'm pretty happy with it. I use it mainly for broadcast listening. It's connected to 25m of random wire via a 5m coax run inside the house.

I tried using an ATU to improve the matching between the aerial and the coax, and on some frequencies it gave a (small) improvement in signal strength, but it was such a pain to keep retuning that I gave up using it.

I recently bought a "magnetic longwire balun", and this seems to offer the best of both worlds - improved matching between the wire and the coax, but no retuning necessary. It's rather expensive, though, and it may be that I'd have been just as well off with a home brew transformer on a ferrite ring...

The other potential advantage of an ATU, filtering out of strong signals well away from where you're listening, seems to be completely irrelevant on the HF-225. I've never yet found a case where switching in the attenuator did anything beneficial. The receiver's front end seems to be excellent in this respect.

I've got the sychronous detector option, and I wouldn't be without it. It quite often makes a heavily fading signal quite pleasant to listen to. Pity it doesn't have a selectable sideband option, though - I quite often find myself tuning an AM signal in the LSB or USB modes to try to get rid of an adjacent interfering signal.

Would I buy it again? Yes, unless I decided that I really wanted a receiver which offered a computer interface.

****
Sony SW-1 - 2

I bought an SW1E over a year ago, for listening to broadcast SW and FM at home and while travelling. I like this very small radio

a lot. It is maybe expensive for a portable, but the build
quality is very good, - everything looks and feels right.
Battery life is good, and the set DOES work with NiCads (2*AA)
contrary to the instructions. Reception of broadcast SW is good,
either with the whip or clothes-line antenna. I've never noticed
any big problems from adjacent channels either. As a bonus, FM
stereo reception is good through headphones. Audio quality from
the in-built speaker is fair, but you'll want to use phones for
noisy environments. The only bug with this radio is the memory
capacity - only 10 mems is really not enough to cover ALL of AM
and FM.
Summary - if you want a very small portable, and appreciate high
quality (and can afford it), I would recommend the SW1E. Note the
E, which denotes the SW1 kit without the active antenna and brief
case - these add a lot to the price, and I don't rate the antenna
too highly either.

****
Sony SW-15 - 1

I bought one of these puppies on impulse the other day (at my age you
should give in to the occasional impulse, just so they keep coming).
Cost $85; you could probably do better by shopping the discounters.

Specs:

Dual Conversion Receiver, 6 1/2 x 4 x 1 1/2 inches, 3 AA or 4.5v DC.

Nine Bands:

FM: 76-108 Mhz, 10.7 Mhz IF.

SW: 5.775 -6.425; 6.875-7.525; 9.375-10.025; 11.6.5-12.265; 15.00-15.65
17.50-18.15; 21.325-21.975. 1st IF 10.7 Mhz; 2nd IF 455 Khz.

MW: 530 - 1710 Khz; 455 Khz IF.

Analog Tuning dial, volume control, music/news tone switch, 7 position
SW band selector. FM/MW/SW select buttons double as "on" switches.
"Off" button. "Hold" button to disable "on" (prevents accidental
turnons) Slide rule, multicolumn frequency display. Hand strap,
foldout stand to hold at angle on table, soft carrying case. Basic
shortwave guide. Telescoping antenna. FM/MW/SW "on" and tuning LEDs.
Mono earphone jack.

Subjective Review:

I'm pretty impressed. Sensitivity is up there with the Pomtrex [:-)]
without the "splatter" of strong stations. Analog tuning dial
requires a delicate touch but for me that's part of the fun. Drift
seems nonexistent; you get a station and it keeps it without a lot of
vernier twiddling. MW performance was surprisingly good, as was FM.
I'd recommend it as a starter radio.

****
Sony ICF-5100 - 1

I bought this radio in Kuala Lumpur in 1988, and I'm not sure if it goes by the same model number in other parts of the world. It is a shirt pocket analog tuned radio with coverage from 6MZ to about 21MZ in seven bands. The radio is very rugged and has served me well despite of the physical abuse it has gone through. Because of its small size the speaker is only small and the sound from it it a little tinny, but I used it mainly to receive news in countries without English language news services and in remote areas while camping etc. I recommend this radio to anyone, who considers size the most important factor. Cost was about US$70.

****
Sony ICF-7601 - 2

In some respects this is my favorite radio. No bells no whistles no FM stereo -- just a good solid (feels like a small brick) analogue unit. It covers AM, FM and has 10 SW bands that cover most of the "out of band" frequencies. Band switching on SW is done by a slide on the front of the radio while buttons are used to switch from AM to FM to SW. The dial is accurate to 5 kHz so is very easy to locate a station. I believe that it was simply the best low cost analogue rig out there. It's still around and can be had for well under $100.00. Grab it!!

I have a 7601 also. Most of its weight is from the batteries and the speaker, giving it better tone and volume than smaller, lighter sets.

As with other cheap analog sets, it wasn't very hot out of the box.

If you "super tweek" the 7601, it's pretty good on AM, but no match for a 2010 or Superradio III. Most of the shortwave bands peaked up well, but I never could get 19 meters working right. As with most analog portables, the whip is part of the RF tuned circuit, so one must be careful to duplicate the exact listening conditions when tweeking the radio. Even the presence of headphones will shift the antenna tuning.

Unfortunately the 7601 picks up FM stations at various places on the shortwave bands. If you're far enough away from FM and TV stations you might have room for an R-390.

When going on trips I usually take my SW-1 because of the convenience of the presets and the reception flexibility provided by the active antenna that comes with it.

****
Sony ICF-SW33 - 1

I've owned this radio (SW33) for about 9 months and use it as my "carrying around the house rig." It was purchased to replace a Sony 7601 that now resides on my desk at college (things electronic can grow legs on a college campus). By far the best features of this unit are its convenient size and excellent performance on all bands, AM, SW and FM stereo. Don't get me wrong -- this is not a DX machine on SW but for listening to the major broadcasters, it's excellent.

The single filter selection seems just about right and tuning on SW is in 1 kHz intervals. This at least gives you a "fighting chance" to move away from interference. That's a major improvement over the 5 kHz that many radios in this price range allow. In addition, the dual conversion design on SW keeps image interference at bay - a major plus for a small portable.

The radio does not have a keypad so entering frequencies is a bit clumsy. However, by entering the middle frequency of each of the major SW bands in the 7 memories (5 memories plus 2 timer memories) and slewing up or down from those positions you can get around reasonability fast. The SW bands are changed by a combination of 2 keystrokes.

The sleep control (shuts the radio off after 1 hour) can let you be lulled to sleep and the timer alarm can make sure that you get to work on time (radio shuts down after 2 hours if it is turned on by the timer). Setting the radio alarm is very easy - once you have set the clock, but that frankly, is a pain. The clock function, which works very well (combination world/home time), takes at least 7 distinct steps to set it. Fortunately the clock is fairly accurate (looses about 0.2 sec/day) so you don't have to reset it very often. The lighted dial (stays on for 20 sec at the touch of a button) is a nice touch.

Battery life is excellent contrary to the 1994 Passport to World Band Radio (see below). The radio has a battery "gauge" that is activated at the touch of a button radio and shows in the display as a battery icon with 3, 2, 1 or 0 dots inside of the battery outline. It disappears after about 5 seconds. As soon as the number of dots reaches 0, the radio shuts off immediately. I ran a a series of tests with Radio Shacks Super Alkaline batteries and got the following results: 3 dots showed for 37 hours, then 2 dots showed for an additional 11 hours, and finally 1 dot showed for 3.0 hours for a total of 51 hours. (Radio ran 1.5 to 2.5 hours/day with the volume control set at 1/2 volume most of the time). At $2.89 (plus 5% for tax) for a package of four AA batteries (the radio takes 3), that figures out to 4.5 cents/hour which is excellent. This figure differs greatly from that given in the 1994 Passport (25-30 cents/hour). I have no explaination for the difference but I stand by my test values.

Would I recommend this radio to anyone? If you do a lot of band-scanning, forget it; it will drive you crazy. But at about $140.00 plus shipping (NYC mail-order) it's an excellent "second" radio to carry around for listening to the major broadcasters. I like it!

****
Realistic DX-440 - 2

I have a DX-440 and I think it is a good 'dabble' radio but if I ever get serious I will look for a > $500 table model.

I love this radio! It's my main radio and I use it exclusively at home, moving it from room to room. It really is too large for travel

I've found the sensitivity to be tremendous on SW, MW and FM! Very rarely do I need to attach a clothsline antenna! It has continuous SW coverage, a great sounding speaker, BASS and Treble controls, two bandwidths, great sensitivity, good spurious signal rejection...It has all the features I wanted in a starter radio! I bought it about three years ago on sale for $150.00! I still don't know why Radio Shack discontinued it. If you're looking for a good starter shortwave radio and can still find one laying about at a Radio Shack store priced to move, GRAB IT!

****
DAK DMR-3000 - 1

I bought this radio since they have a 30-day money back guarantee and I did not know if I would like the hobby or the radio. Good points: direct-entry tuning, 36 station memories, fairly small so it is easy to travel with, speaker sound was good, reception was okay, but improved dramatically with the addition of the Radio Shack 23' rollup longwire ($8.95). Bad points: only 5kHz tuning steps, only major broadcast bands tunable (large gaps between bands), selectivity not so good, no fine tuning, no BFO, no SSB or CW, poor FM reception. All in all, not a bad radio of $69.90, however, it left me wanting for more, so I got rid of it.

I have seen a couple of posts asking for a low cost SW receivers. I have recently bought a DAK Model DMR-3000, for just $69.90+$6.00 shipping from DAK - a mail order company. The receiver has a direct access, so you can type in the desired frequency, and a manual / automatic scanning system. It also has a dual time clock with alarm and 'sleep' timer. Unfortunately you can tune only to the commercial frequencies on SW, AM and FM bands. I have to say though that cheapness comes at a price. The first receiver I got was defective so I had to ship it back and ask for a replacement. Now, I received a new one which works very well.

Compared to my Sony ICF-7601 the DAK unit is an insensitive brick. The fancy clock and timer features aren't really worth it. About the only thing nice is the FM Stereo support if you plug in headphones but the FM sensitivity leaves much to be desired as well.

Something else to watch for.... That pretty lettering on the buttons will wear off REAL fast. If you haven't used it much yet you won't see a wear off REAL fast. If you haven't used it much yet you won't see a problem. After you've done some tuning you'll see the pretty arrows disappear from the buttons.

****
Sangean ATS-803A - 1

Since I was now turned on by SWL'ing, I moved up to what most people agree is the best all-around radio for this price. Good points: excellent frequency band coverage (150kHz to 30mHz), fine tuning, good selectivity, BFO for SSB and CW, many scanning options, lots of accessories included, good AM and FM reception. Bad points: way too big to travel with, high battery consumption, synthesizer noise in background all the time, scanning frequently skipped lots of "listenable" stations that I was able to get by manual tuning (what's the use in scanning, then?). I found that adding a longwire antenna only increased interference and noise while not improving the set's scanning sensitivity. Overall, a fairly good radio for the price...

I have a Sangean ATS803A which I love. Comments to quote me on would be that it's an excellent beginner's radio for the price. Although I've heard that the 818 is the "latest and greatest" in this price/performance category. I especially love the full coverage 150kc-30mhz and the (albeit lo tech bfo) SSB capability.

****
Sony ICF-SW20 - 1

I was in dispair when I could not find a decent travel portable for under $200. However, I accidentally crossed paths with a Sony ICF-SW20 on sale (normally $99, on sale for $49.99) at a local store and had to check it out. It is an analogue set, but since I got a 30-day return policy on it, what the heck? Good points: analogue tuning so no problem with confining 5kHz tuning steps, INCREDIBLE SENSITIVITY - this radio blew the DAK and Sangean away with the number of stations I picked up, good selectivity (no fine tuning knob - all you need to do is turn the tuning knob slowly), tiny size (4"w x 3"t x 1"d), small whip antenna (only 18"), addition of Radio Shack rollup longwire increased sensitivity even more, great low price (if I lose it or its gets destroyed, no problem replacing it), tuning bands are wider than the major broadcast bands, so you do get some utilitiy reception as well as WWV, AM and FM are really sensitive while FM goes from 76mHz to 108mHz so I can pick up some TV as well. Bad points: frequencies cover only seven broadcast bands (I can live with that, though), only monaural earphone included (however, you can get a $1.39 mono to stereo headphone plug), no BFO for SSB or CW, no station memories. All

in all, this radio gave me the best price/features/size ratio
of the ones I checked out first-hand. It's a keeper for me!

****
Magnavox 3625 - 1

Finally received my Magnavox 3625! Well, I'm certainly happy I
purchased this little radio. Sure, it's not top shelf, but it's
suitable for travel purposes and gives adequate SW coverage.

Has these features:
Travel Lock
Alarm (beeps, does not turn on radio)
Sleep Timer
9/10 KHz switch - for world travel
12 hour clock (however, when unit is swith to 9 KHz steps 24 hour
clock kicks in)
20 presets - 5 for each band FM, AM, SW1, SW2
Dual time
Auto store - this feature allows the radio to automatically find
the five strongest stations in an area and program
them into the memory of the FM & AM band.
Back stand
Antenna swivels and rotates
Runs on four AA batteries.

Well, the sensitivity is quite good. Steps in 1 KHz increments.
No tuning knob but the slew tuning buttons work just fine. It's
about the size of a paperback book and can be taken anywhere
reasonably well. No carrying strap,
though. The SW coverage is limited but it grabs the major
broadcasters exceptionally well. Example: the 41 meter band is
covered from 7100 to 7300. So if you want to listen to the BBC
on 7325, you're oput of luck.

However, I like to listen to the BBC on 12095 or 15070 European
signals during the day that I cangrab when I attach a long wire.
The 3625 can't tune these freqs. but it can grab 15400 (from
africa) WITHOUT a long wire antenna! I'm pretty impressed.

Bottom line....A GREAT little travel radio for $70.00! Call a
Magnavox outlet if you are interested.

****
Magnavox AE-3805 - 2

Great little digital portable. Good sensitivity, average
selectivity. Covers MW (in 10 kHz steps only), FM (no stereo),
and SW in two "bands": 3200-7300 kHz and 9500-21750 kHz. Built-
in timer/clock (12 hour format only), 5 programmable memory
locations per band. Great for travel use.

Purchased from Damark for $49 in May, 1993.

$50 from Damark closeout -- cheapie category

****
Emerson PSW-4010 - 1

Great analog portable. Good sensitivity and selectivity. Covers
MW, FM (stereo through headphones), and SW in 8 bands (roughly
split out as 13m, 16m, 19m, 25m, 31m, 41m, 49m, and
60/75/90/120m). An excellent travel portable.
This is the same radio as the Sangean SG-789.

Purchased from DAK for $49 in June, 1988.

****
Sony ICF-5900W - 1

Sony ICF-5900W was a good radio in its day, but isn't worth
listing now.

****
Icom IC-R70 - 1

I purchased my R70 in early 1983. It came with a scratched plastic
window for the digital display, which the factory replaced. It is
an extremely sensitive receiver. I installed the FM detector board
option, which is highly useful for Sub-Carrier detection from FM
broadcast receivers in conjuction with the R70's ability to tune
below 100khz without a frequency convertor. The so-called PassBand
Tuning (PBT), in actuality an asymmetrical bandwidth narrowing
control, is very mediocre with the factory 455khz filters. Replacing
the 455Khz ceramic SSB filter with a Fox-Tango FT-44 2.4khz 8-pole
crystal filter (equivolent to the ICOM FL-44) makes the passband
filter work as one would want. The AM 455Khz ceramic filter is junk,
and was replaced with a higher quality "4Khz" ceramic filter from
the long-defunct Radio Plus firm. The actual specs for the 4Khz filter
indicate that it is a slightly asymmetrical filter of 5.6Khz bandwidth,
causing a slight degredation of the "highs" (The original spec is
for a 6Khz bandwidth; the 9Mhz AM filter is a 6-pole device). Inclusion
of both replacement 455Khz filters results in a combined shape factor
of much better than 2:1 on AM or SSB. In addition, the RF amplifier
was enabled for AM broadcast band use, and an MOV was placed across
the AC input for protection against voltage transients. [Actually,
a Transorb would be far better in defending against narrow transients.]
For awhile, I replaced the diode AM detector with a Shottkey diode,
but my ears could detect no difference in distortion, and so the
original AM diode was returned to the circuitry. It's been serviced
once by ICOM for an intermittant problem ($150 ouch). There exists
several modifications to enable selection of the 455Khz SSB filter
whilst in AM mode for additional selectivity.

****
YORX AM908 - 1

****
Drake R8 - 1

****
Drake SPR-4 - 1

****
Icom R-71A - 2

Eskab & Edvis of Sweden used to offer a Phase-Locked AM (PLAM) detector for the R-70 and later R-71; they also offer a version for the NRD525. I have the R71 version. It is a synchronous detector which allows selection of USB or LSB via the IF filter/BFO offset. The PLAM board phase-locks one of the R71 local oscillators (I forget which one, probably the BFO) to the AM carrier. It contains its own product detector. The lock range is not very large, perhaps +/- 20 Hz. The detector seems to have lower distortion than the ICOM AM detector.

Compared to ECSSB, aside from the advantages of phase-locking the product detector BFO, the PLAM unit also lowers the corner-frequency of ICOM's low-pass audio filter, giving better bass response than normal SSB mode on the R71. I find that this improves the intelligibility of the signal.

The PLAM board piggybacks in the mounting area for the ICOM FM option board; both can coexist. Installation is somewhat difficult, as it involves connecting over a dozen wires to various boards in the R71.

Eskab & Edvis also offered a 4 KHz 2nd IF crystal filter for the R71. This installs fairly easily in place of the narrow CW filter. It is very much better than the stock ICOM 6 kHz bandwidth, which is wide-open until it hits at cheap ceramic filter in the 3rd (455 kHz) IF.

I don't know if Eskab & Edvis still offer the R-71 PLAM and 4 kHz filter. They used to advertise in the WRTH.

Regarding other options: I believe Sherwood Engineering offers an outboard synchronous detector for the R71 as well as other receivers. The Kiwa MAP unit should also be adaptable to the R71.

Also, Dom Moman of Shortwave Horizons publishes a modification manual, which details mods like enabling the preamp on MW, true pass-band tuning, sub-10 Hz RIT, etc.

****
Kenwood R-2000 - 1

****
Kenwood R-5000 - 1

****
Kenwood TS-450-1

I know it's not a reciever, but since it has general coverage,I decided to put it in here.The TS-450S iaN amateur transciever that costs little more than a R-5000,and if you have your ham ticket or are thinking about getting it,may

be worth checking out if you are in the market for a new toy.I'd be willing
to bet the replacement for the 5000 will look just like the 450,just like the
5000 looks like the 450's predacessor,the TS440S.First thing it is EXACTLY
the same size as the 5000/440.Unlike the 5000/440,it has an LCD display that
is unlike any other I've ever seen.It is almost too bright!The brightness
cannot be adjusted,unfortunatly.The 450 recieves in all the standard modes
except for fax.It has a"normal"keypad unlike the 5000 and the aggravating
CW that is producewhen a major button is pressed can be silenced by y
-a simple menuss,you dont have to cut a wire like the 5000he S-Meter
is a bar-graph type that I like but some people dont.It also has an Audio
meter function that kin baffles me.I still dont know what use it is,but it
looks nice!Probably the most notable thing you will observe when using the
450 is the QUIET!It is so quiet,it seems strange the first couple of times you
use it.The AGC is non-defeatable and has a fast/slow toggle.It is the strangest
and slowest AGC I've ever seen,on slow the S-Meter just sits there and then
SLOWLY goes down.On fast,it just isn't quite so slow.It seems to work ok,but is
really odd.The stock filter for AM is a mile wide but you can add the YK88 AM
filter but you wll lose the open slot for the 8.83 ssb filter.I'm not sure,but
the 450 seems to have the same stock am filter the 5000 has.On SSB,it uses one
of the better Murata ceramic filters and is ok but the optional SSB filters are
highly recommended.The audio is FANTASTIC on all modes and if you put one of
the minimus speakers from Radio Shack on it,you will like it a lot.Dont bother
with the Kenwood speakers,the one that goes with the 450 is not too good and is
expensive too!The ergonomics are pretty good,except for the tuning knob,yes
like all the recent vintage Kenwood rigs,IT DOESN'T HAVE A FINGER HOLE!!Why
does Kenwood insist on putting these awful knobs on all the rigs they have made
lately!All in all,it is a very good riever in almost all respects,and since t
it only costs about $100 more than a 5000,it is worth a lookND as a bonus,
the recieve coverage goes up to 40 mhz!If you are into low band scanning,you
will hear things on the 450 you never knew existed on your scanner.If you can
swing the 450's sister model the TS690,you can recieve all the way to 60 mhz.
When the 5000 is put out to pasture,if it's replacement is the 450 without the
transmitter,it will be very tough competition for the other makes.All it needs
is Sync.detection and you really couldn't ask for much more.

****
Japan Radio Company NRD-515

THE all time most user-friendly recieveof recent vintagHas PBT,analog
fine tune,four I.F.bandwiths,AM,LSB,USB,and RTTY modes.There is no squelch
but it really doesnt matter much.Of all the recievers I have owned,or ad over
here to play with,it is the most sensitive in the SSB modeI have the
standard 6 and 2.4 khz filters,and th600 and 300 hz filters whitch are great
for RTTY or CW(if you are truly desparate!)The "protection"diodes have been
removed due to intermod from a local AM station.The reciever's case,front and
back panels are made of Aluminum,no plastic to crack on the 515!The audio in
AM is very bad,almost as bad as the Icom R-71a,but in a different way.The
audio is "fuzzy"out of the speaker jack,but not too bad out of the record jack
but still a little "fuzzy".In the SSB modes,the audio is pretty clear and
doesn't fatigue me like the Icom dos far as thergonomics goes,it's
almost prefect!All the knobs are the right size,the tuning knob is large and

has a nice deep finger hole(Kenwood,are you listening???).The S-meter is big
and easily seen across the room.Dynamic range is very good after the diodes
have been clipped(a one minute operation).The filters all are good quality
and have good shape factors.This was the first "affordable"rig that had a
memory option that was worth something with 24 or 96 channels available.
The NDH-518 I have(96 ch.)is also made totally out of cast and sheet
aluminum and matches the 515's styling.It stores frequency only,unfortunatly,
due to the year it was designeIm guessing.There are lots of these recievers
floating around on the used market for about $600 or so.Universal seems to have
a lot of them passing thrgh the store.

****
Japan Radio Company NRD-525 - 1

This is a great reciever,marred only by bad audio and a hiss that will drive
you bonkers if you have good hearing and a speaker that can put out the highs.
I have had two of these,the first I traded for a sateite setup,and the one I
have now.The newer reciever has mucbetter audio then the first one and lesess
hiss too.Ergonomics are very good MUCH,MUCH better than the Drake
R-8.(IMHO,the Drake is seriously overrated and all the stuff about made in the
U.S.A.is kind of funny cause a LOT of the innards are MADE IN JAPAN!!!)Oh
well,back to the 525,if you are into AM,it's probably not the reciever for you,
but in allthe other modes,it is one of the best consumer grade recievers ever
made.Performance in all modes is basically excellent except fothe audio pr
problem,and stability is rock solid.JRC has only cut a few corners compared
to the 515,probably the ultimate in construction for consumer recievers.
The case is made of very thin sheet metal and the front panel is plastic.The
keys fit loose in the keypad but work ok.The display has four brightness
levels and is very easily read from across the room.The S-Meter is "digital"
and is a floating vertical bar segment that seems to be yellow on some samples,
and green on some others.It is sort of "spastic"and twitched a lot on the
first one I had,but not as much on the seconone.The first 525 I had would
"click" on strong AM signals,but the new one doesn't.The main tuning knob
spins very smoothly and has a nice finger hole.(KENWOOD,WHY DONT YOU LISTEN!!)
All in all, a great reciever.

****
Japan Radio Company NRD-535D - 2

I have been using a NRD-535 for two years and i am very pleased
with it. Although the relative high price makes this a radio
for the serious DXer and maybe not the average Shortwave listener.

The NRD-535 has very good ergonomics. It is very easy to operate
during long listening passes. It has 200 memory channels which comes
in handy for storing interesting frequencies that you want to
check later, or stations that you want to check regulary.

+ side:
On the plus side there is the BWC and the very good sensitivity.
The BWC combined with the PBT makes it possible to make
a station readable that is very close to another station, or

a interfering RTTY transmitter. I find that i mostly uses
the SSB mode and zero tunes the station, and then uses the
BWC and PBT to get the most readable signal. The BWC and
PBT has saved a lot of reports for me. The sensitivity
is excelent. It is among the best in this price class.

- side:
The audio in the built in speaker is mediocre to put it mildly.
A station that you read loud and clear in the earphones can be
inaudible in the built in speaker. The selectivity is not as
good as it could be. The NRD is very sensitive for splatter from
nearby stations, and this can totally drown the station that you
want to listen to. The ECSS option that you can equip your NRD with
is a joke. I have it installed but i NEVER uses it. The only time
you can use the ECSS with any improvement of the signal, is if the
received signal is strong to begin with. Don't waste your money on
the ECSS.

The conclusion is that the NRD-535 is a very good receiver for the
serious DXer but it has some shortcomings. The 535 is much better
than the Icom R-70 that i had before, and i would recommend it to
anyone that asked me. What you might want to do is change the filters
to somewhat sharper filters. That goes for both the 9 MHz and the
455 kHz filters.

****
Yaesu FRG-100 - 1

****
Panasonic RFB-65L - 2

$220 from Universal, EEB, etc. -- my main set, an excellent
portable, many features, nice construction and details.

****
Sony SW-55 - 2

This is my principal radio at the present time (I also have the
Sony ICF-SW33 and the Sony 7601). This rig is an extremely
sophisticated piece of equipment. I especially like the fact
that you can store up to 125 frequencies on 25 electronic pages
that can be named as you wish (by country). Once programed this
is very convenient. The two filter selections are well chosen
(much better than the stock Sony 2010 filters). My use the radio
to copy WEFAX with excellent results attests to its stability
(and that it receives USB and LSB).

The versatile timer/alarm and tape remote feature allow
automatic recording with certain tape recorders (Sony and others)
of up to five times and frequencies in a 24 hour period. I use
this feature all of the time. Audio (stereo on FM) qualitity for
a portable is very good; better I believe than the stock 2010
although as with the 2010, it is improved with a set of external

speakers.

Unlike the 2010, the SW55 does not have synchronous detection.
That's too bad because I believe that if it had this feature it
would blow away
tition. As it stands it is an excellent radio. Most
interference can be eliminated with the narrow filter or moving
away from the interference a bit (the radio is tunable in steps
of 0.1 kHz) so the lack of sd is not critical. I really
believe that Sony did not include it because it would have then
had a very negative impact on sales of the SW77.

Would I buy this radio again. You bet! The only problem I've had
in the year an
owned it is that the lettering has worn off the 1, 5, 0 and EXE
keys on the keypad. That should not happen on a $300.00 radio!

I just got a SW-55 for Christmas and find it to be an outstanding radio. Now that I've said that, you should know that I am new to all of this "DX-ing" (is that how you say it?). However, I can tell you that it's reception with the built-in antenna and with the included auxiliary antenna is very good. I found that the radio comes pre-programmed with a number of stations (BBC, Radio Moscow, etc.) and they come in great.

As for your questions, I've found the speaker in the SW-55 to be very high quality, delivering plenty of volume and good sound. There are several "tone" switches (news vs. music setting, etc.) that enhance the reception and its sound. And, the unit is packaged well for travel.

The radio itself has several nice features (I don't know how they compare to other radios since I didn't comparison shop). There are several output jacks that make it easy to connect to external speakers, tape recorders, headphones, etc. There are local/long distance antenna settings. There are lots of ways to set and look at the time (local, UTC, Daylight savings, etc.) There are alarms and sleep settings (for on the road).

The tuning portion is quite nice. The radio of course offers digital tuning (punching numbers in to get to a freq.). But I find that I often use the "analog" tuning dial as well to either fine tune a station or to see what else is out there.

Best of all, the unit is packaged well. As a new user, I have enjoyed the little things Sony has done to make this experience a good one for the new user. Everything from the documentation to the carrying case has made it quick and easy for me to start listening to short wave. Included is a book that is a publishing of all the various countries broadcasting, with their freqs and times. (I gather that these things change quite a bit, but I presume that Sony updates it often)

****
Philips AE3905 - 1

In short, in my experience, the AE3905 is no real great shakes. It looks neat as hell, and marks its owner as a man of taste and distinction with more money than brains (like I said, *I* have one). Its shortwave performance is mediocre. Using this in a hotel last February, I found that attaching the included reel antenna caused the radio to overload fairly badly. The batteries don't last very long. The filters included are fair, but you still get a fair amount of interference from adjacent stations (not as bad as some small portables, but not good). I certainly wouldn't want to use this as my primary radio. For portability, it's fantastic. I can listen to the BBC or VoA anywhere. The radio fits in my shirt pocket, although reception in my pocket isn't all that good. In short, the radio isn't worth what Philips charges for it, but if you've got more money than you know what to do with and a desire to have a flashy looking toy, it'll do. The radio has only recently been available in small quantities in the U.S., and appears to have been discontinued in Europe. I got a reconditioned copy for $179 from the Magnavox factory outlet in Kentucky. Universal lists the radio in their catalog for something like $250 new if I recall correctly. You're not likely to find it anywhere else.

****
WATKINS-JOHNSON HF-1000 HF RECEIVER

I will be doing a lot of comparisons to my other receiver, an NRD-525. To give a basis for comparison, the NRD-525 has been upgraded by the following modifications:

ESKA PLAM board with four added filters following the IF strip
Installation of ESKA Aux filter in the NRD Aux position
Installation of the JRC 1.8 KHz filter in the Narrow position
Replacement of RF chokes on the filter board with shielded units
ESKA agc modification

These modifications have improved the shape factor on the NRD's filters from an average of 2.0:1 to 1.7:1 (60:6 dB). The ultimate rejection has improved from about -60 dB to -75 dB. These modifications are noticeable in on the air listening tests. The NRD hiss has been removed.

About two months ago, I bought another receiver, a Watkins-Johnson HF-1000. I didn't really think this receiver would be much better than the NRD, and I intended to return it if this was the case. I was wrong. The Watkins-Johnson receiver is clearly superior to the NRD in on the air listening tests, almost in every case. In rare cases it is a tie. The comparisons are done using an A/B switch that switches both the RF and audio lines so that comparisons can be made quickly on the same signal. Comparisons were all done in ECSS mode with the receiver settings made as close as possible to each other.

I also did some bench testing of both receivers, and the numbers that the tests give are not all that much different for both receivers, with the exception of filter shape factor. The HF-1000 shape factors run about

1.1:1 (60:6 dB). This does not explain the main difference between the comparisons, however. The HF-1000 seems to be superior in pulling out weak signals. I have heard many signals that are muddled and hard to understand on the NRD-525 sound sharp and clear on the HF-1000. Several other points:

AGC: The digitally processed AGC on the HF-1000 is far superior to the analog AGC on the NRD, even with the ESKA kit installed.
Notch filter: Again, the digital IF notch filter is superior.
Audio: The NRD audio has always sounded low frequency and mushy; audio on the HF-1000 is crisp and clear. This is an important item.
Operating: I like the controls on the HF-1000. They are flexible, yet easy to use. The set is a pleasure to operate.
Synthesizer spikes: The NRD has a synthesizer spike every 100 KHz. While these are not all that strong, some of them fall on inconvenient frequencies, like the propagation beacons on 14100 KHz. There are a few spikes on the HF-1000 at even 2 MHz points.

The only shortcomings in the HF-1000 I've noticed are the lack of synchronous detection (this is supposed to be sent out as an upgrade chip later), and IF passband tuning would be useful in the SSB modes. It is present in CW.

As you have probably guessed, I'm real happy with this receiver. I think it will be the last one I will have to buy for quite a while.

Watkins-Johnson HF-1000 Review Part 2

Watkins-Johnson SAM option for HF-1000

Recently I received the firmware for installing Synchronous AM (SAM) detection in my HF-1000 receiver. I was able to install it in about 1/2 hour and it worked great. In testing it I compared it to the ESKA phase lock AM board installed in my NRD-525. Here are the results for strong and weak signals:

Parameter	ESKA+NRD	HF-1000+SAM
Weak signal lock range	+- 20 Hz	+-250 Hz
Strong sig lock range	+- 40 Hz	+-900 Hz

As an on-the-air test I tried to lock onto Radio Pyongyang, 13760 KHz at 1300 UTC. The signal was weak and fading rapidly at 1300 UTC and was being broadcast on 13760.1 KHz. The HF-1000 was able to lock it immediately even when set to 13760.000. NRD was not able to lock it at all, even when set to 13760.1. Impressive!

Another modification in the new firmware is a change in the AGC function. It is now possible to set three decay rates from the front panel for each AGC setting, Fast, Medium and Slow. In addition it is possible to allow the manual gain setting to control the AGC threshold while in AGC mode. This is a great help for the AGC control. I spent many hours trying to get the AGC decay rates correct on my NRD receiver, and was never happy with that AGC. This required pulling out the IF board, replacing some of

the SMDs, putting it all back together, and then trying it. Digital AGC processing on the HF-1000 makes this a snap, taking only a few seconds.

After several months of using this new mode of reception, it is the one I nearly always use for SWLing and DXing. For weak AM signals it is hard to beat. If the signal is readable at all, it will be able to lock on it. By using both sidebands, you end up with a better signal to noise ratio than with only one sideband. The HF-1000 is even more impressive now with this addition. The only times that I have had to resort to ECSS on AM signals is when there is interference on one sideband. Watkins-Johnson reports that they will have single sideband SAM in the future which will get around this. There are several other options that they are working on, one of which is a plug in board for PC processing. I assume this will have real time spectrum analysis and memory functions built in.

****
AR3000 - 1 (More Info is Available by e-mail from (jlloyd@cs.clemson.edu)

My general impression, is that this is anyhow a very good apparate. It offers continuous coverage 0.1 : 2036 Mhz, all mode, RS232 interfacing, quite good operating commands, triple conversion, 400 memories; it is very compact (small tabletop, 1.2 Kg.), semi-portable; its 13 auto-selected front-end band filters reduce to some extent unavoidable intermodulation. In general, this set offers a self contained and very well balanced compromise of a lot of different demanding features, but will show its best when fully interfaced.

Its price, here in Italy, has been varying greatly during the years. Therefore I cannot say how it really competes with the choice of HF receiver + scanner setup. It is still unclear to me how far is the AR3000 from dedicated traffic receivers.

I'm finding a number of defects and "whish it was" that I'm going to list (I would like to hear comments about), but perhaps I'm just pretending too much from a receiver in which something had to be traded off between versatility and performance. Please note that I have a 4 years old AR3000; some defects could have been amelio-rated in the 3000A, or may eventually be specific of my unit.

Hardware limits:

-AM selectivity is mediocre (approx 10 khz bandwidth). I feel the lack of a variable Am bandwidth. SWL in crowded bands is too often spoiled by the 5Khz whistle. Thinking it was a problem of i.f. detuning, I once sent it to the service to have it retuned, but with no perceivable gain.

-In AM I do experience blocking. A strong transmitter mutes any weaker adjacent signal lying some -+30 khz apart. I suspect this may be rather a problem of AGC voltage (see below on squelch), because the feedback signal is obtained from the previous to the last i.f. stage, which may have a larger than necessary (for AM) bandwidth.

-The squelch control (essential in search mode) is not very functional.
On my set almost everything passes for knob positions below .3 and
only >S6 passes when I increase to .5. It may be a problem of adjustment,
but also reflect the inaccurate behaviour of the S-meter, which (I have
no measurements to support) seems not properly logarithmic. I have
the impression that weak signals give a high S readout when close to
stronger ones, because the S-meter averages on a larger bandwidth than
the demodulator.
Also, the squelch just mutes the a.f. output, but not the line out signal.

-The internal speaker fidelity is scarce. No tone controls exist. Clarity
improves a lot when connected to an external speaker or lineout. No
noise reduction circuitry is present. External audio equalization does
a lot, but of course is not the cure for low selectivity.

-There is no i.f. direct output for say a spectrum analyzer or a different
demodulator (say wide band AM for satellite or TV, stereo FM decoder,
sinchro SB AM decoder). A modify could be to buffer it to a backpanel
jack.

-Intermodulation IS present. I live very close to power MW transmitter,
and in the times they're on the whole band .5 : 2.5 Mhz is unusable,
with crosstalk on every possible combination of transmitter frequencies.
At evening I sometimes hear sw bc stations crosstalks on 20 : 30 Mhz, even
with a short random wire antenna. However, I don't hear crosstalk due
to FM transmitters, which are also close to my place. The 13 front
end filters seem to do their job, since strong signals don't cause
crosstalk out of their respective preselector bands.

-I'm not very satisfied with the small and clicking rotary tuning control. In
the AR3000a it has been replaced with a (I guess optically encoded) smooth
one. I would rather appreciate a jog-shuttle like the one on VCRs, and the mod
itself seems quite easy too.
The tuning is however digital, and stepping frequency causes clicks, which
eventually trigger the squelch threshold during search. The final a.f. is
briefly muted while stepping, but I prefer the line-out signal which is
unaffected and thus has a faster response.

-There is a single antenna input for the entire range. I think this however is
correct, because whichever choice on different antennas is entirely dependent
on the user setup, and should be rather left to an externally programmed
antenna switch.

-Some digital RFI is generated, expecially in the high HF and low VHF. A real
antenna connected with a shielded cable and a good earth however wash it out.

-Some small change in sensivity and background noise can be perceived when
passing across one of the 13 band boundaries (by the way, they are 0.1-0.5,
0.5-2.5, 2.5-10, 10-30, 30-50, 50-108, 108-136, 136-174, 174-224, 224-335,
335-500, 500-940, 940-2036 Mhz), but this is unavoidable, and also due to
the change of the superetherodyne scheme.

Software limitations:

-Scanning is already very versatile for such a small machine. However, auto memory storage of catched frequencies was forgotten. Also, the oddities in the S-metering (see above) impose manual choice when scanning non regularly channellized bands.

-There is a priority channel lookup feature, but the attention threshold has to be the current squelch position. Apparently (see //ftp.funet.fi/pub/dx/receivers/mods/aor300.mod) in the 3000a a programmable lookup time was implemented, but it is not present on the 3000.

-The mode and the tuning step change are set with several keystrokes. I feel it quite tricky, expecially considering that I generally have to switch quickly between 50 Hz/SSB, 500Hz/Am, 1.25 Khz/nfm, 50 Khz/WFM. The step x10 command is very useful, but not enough.

Since the S-meter signal is output on the RS232, and the unit may be fully remotely commanded, all this limits can be cleverly threspassed by an external control software, thought.

I have experienced problems with the 232 interface. The cpu goes crazy very easily when the connector is plugged in/out, unless the "remote" switch on pin 7 is previously operated. This is (I understand) the reason why it was added on the 3000a. When the cpu goes on the moon, one generally has to open the set and to push the reset button (backside of the keyboard), losing all the memories .
Also, I cannot interface the scanner with an Atari St, either because the TTL level Txdata is to low for that serial port or because the continuous output of the S-meter simply is too fast for the Atari bios.
Passing by, note that the RS232 speed can be set to 9600 baud with a switch on the cpu board.
:
--
John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

--
John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

122. Re: Choppers Overhead!!

Newsgroup: rec.radio.scanner
Date: 1994-08-03 15:08:51 UTC
From: gxl@ElSegundoCA.NCR.COM
Message-ID: <6543@tdbunews.teradata.COM>
Source record: 270942

In article 50q@netcom.com, lasix@netcom.com (Patrick Springer) writes:
>
> Last night (as with many nights in LA) there were cop choppers
> circling my area. I tried scanning a range from 130-180 and didn't come
> up with anything. Could someone guide me a little. I do have Police Call
> but it doesn't get specific about helicopters. I would like to knoe why
> they are circling and if they lose the chase... (get my gun!)
>
> Thanks,
> Patrick
> lasix@netcom.com
>
> --
>
> Patrick Springer
> Sysop LASIX BBS
> (818)892-5477
> 4804 Laurel Canyon Blvd. #132
> Valley Village, CA. 91607
> lasix@netcom.com

I agree with you, I had the same experience a couple months ago.
Choppers and cops everywhere, and dead silence on my scanner. I wish I
had my gun then, it turn out to be an attempted breaking across the
street.

Gordon Lee | Phone : (310) 524-6196
AT&T Global Information Solutions | FAX : (310) 524-5512
100 N. Sepulveda Blvd. |
El Segundo, California 90245 |
Gordon.Lee@ElSegundoCA.NCR.COM |

123. Re: PRO-43 performance: AC vs. batteries

Newsgroup: rec.radio.scanner
Date: 1994-08-03 15:14:38 UTC
From: ericr@vcd.hp.com
Message-ID: <Ctyt0E.HpK@vcd.hp.com>
Source record: 270938

M22646@mwvm.mitre.org wrote:
: Hello,
: My Pro-43 receives signals in the 40-50 MHz range much better when running off
: the AC adapter instead of batteries (rechargeable NiCads or alkaline). Why?
: Does it have anything to do with the radio being grounded when plugged in
: via he adapter? Has anyone else noticed this? I'd like to have better
: reception when running under battery power. Any ideas? Thanks!
:
:
: Bob Cormier
: rcormier@mitre.org

Mine has the same behavior. I would expect the power out of the adapter
to be floating. Therefore, you are not getting a better DC ground. One thought
is that we may be experiencing the result of a better "ground plane". A
vertical antenna can be considered in a very vague way a dipole. A
normal base station antenna will have a visible ground plane either
in the form of radial leads for roof mounted antennas or in the case
of my shortwave antenna the earth ground itself. It is most probable that
one side of the power lead hooks directly to the ground side of the
antenna and and acts like a ground radial. One experiment you might
try(or I might when I get a chance) is to hook a wire directly to the
outer part of the antenna connector when on battery power and see if the
reception is improved.

--
Eric Ross, WB7SDE | Hewlett-Packard Company, VPR
ericr@vcd.hp.com | Vancouver, WA, USA

124. Re: 46 mhz log periodic antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-03 15:21:49 UTC
From: dbushong@wang.com
Message-ID: <CtytCF.Dq6@wang.com>
Source record: 270923

magnet@nRCHs022 (Brad Glidewell) writes:

>Actually Dave, I was attempting to have an interesting discussion on the net. Not
>to just be pointed to some book. (Hows all that JUDGMENT working for you in your
>life?)

You should have said so. The net is a great place to have an
interesting discussion.

I don't understand your second statement.

>I guess books that you can buy from a STORE are all written by the clergy or by
>your well known family members? In addition, there are of course no technical
>people on this net right?

I don't agree with your statement about books that you can buy from a
[store]. There are many that are not written by my family members,
and I don't recall ever seeing an antenna book written by the clergy.
I also don't agree with your statement about there not being any
technical people on this net. There are a lot of us on this net. But
generally when people ask for free advice, it is without stipulations
such as yours.

For example, if I posted something like this:

"Could someone give me an alphabetically-sorted list of English
words and their meanings, but don't tell me to go read the dictionary"

...wouldn't I sound stupid?

Now go re-read your original post, you chowderhead.

This should get your started:

a or A (a) n., pl. a's or A's. 1. The first letter of the modern
English alphabet. 2. Any of the speech sounds represented by the
letter a. 3. Something shaped like the letter A. 4. The first in a
series. 5. The best or highest in quality or rank: grade A milk. 6. a.
The sixth tone in the scale of C major but you wouldn't even read it
if someone even spelled it out for you, Brad, or the first note in the
related minor scale. b. The key or scale in which A is the tonic. c.
A written or printed note representing this tone. d. A string, key, or
pipe tuned to the pitch of this tone.

Dave
--
Dave Bushong, Wang Imaging

125. Re: AOR8000 Price???

Newsgroup: rec.radio.scanner
Date: 1994-08-03 16:19:10 UTC
From: steven@sgb.oau.org
Message-ID: <Ctyvzz.A1s@sgb.oau.org>
Source record: 270957
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

Michael Schuster (schuster@panix.com) wrote:
: In article <feustelCtwqGM.rI@netcom.com>,
: David Feustel <feustel@netcom.com> wrote:
: >Does anyone know the list price of the AOR8000 and when it will be
: >available in the U.S? Thanks.

: 1. About $600
: 2. When the FCC approves it.
3. I think 449 pounds (UK), orders are being accepted. Visa(also known
as Barclaycard) and MasterCard(also known as Access) accepted. You
receive better exchange rate if you use a charge card.
4. As soon as Javiation UK starts receiving them. Delivery is via UPS
International (Red). No vat taxes, but there are import duties.
My experiences show this is typically two-three day delivery. If it is
shipped on a Friday, you may actually see it on a Monday!
5. Javiation offers the no quibble 1 year warranty and full INTERNATIONAL
version (nothing removed). EBB/EDCO can not beat that, maybe they should
open an office in a foreign port -- then they could offer the same.
6. FCC approval not required for units not purchased for resale purposes.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

126. Re: Canadian version of Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-08-03 16:21:43 UTC
From: steven@sgb.oau.org
Message-ID: <Ctyw47.A3J@sgb.oau.org>
Source record: 270958
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Paul Hancock (hancock@access.mbnet.mb.ca) wrote:
: I am about to buy a PRO-43 from RS in Canada and I'd like to know if there
: is any difference (in terms of potential MODS) between the Cdn version and
: the U.S. version of the PRO-43. It seems most RS stores in the U.S.
: are sold out of the PRO-43 but in Canada, (at least the RS's in my city)
: stores seem well stocked. Does anyone know if the PRO-43 sold in Canada
: can be modified to receive cellular?

: Also, is there a way to distinguish between unmodifiable Pro-43s and
: non-modifiable ones in Canada similar to the system in the U.S. using the "A"
: suffix on the FCC #?

: Any help would be appreciated.

As far as I know, they can be modified -- I believe these are also
international units -- only the made-for-US market are special. That
is why I heavily recommend non US dealers for obtaining these units.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

127. Re: Posting of Cellular Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-03 16:26:46 UTC
From: steven@sgb.oau.org
Message-ID: <CtywCn.A4D@sgb.oau.org>
Source record: 270959

Richard Amaro (ramaro@eis.calstate.edu) wrote:
: Call me naive, but I'v been under the impression that the feds can't
: enforce their way out of a paper bag. With rampant theft both inside and
: outside of the US Post Office, with millions of illegal aliens
: penetrating the border, and with the wholesale counterfeiting of
: everything from social security and green cards to hundred dollar bills,
: the federal government seems more inept than Wiley Coyote.

: Could they possibly have the foresight to monitor rec.radio.scanner and
: adapt their enforcement policies based on what is posted here?

AMEN to that! I LOVE it! Extend your middle fingers in a salute
to the FCC!

We need to gather the names of the idiots in the last days of the
Bush regime who railroaded this scanner FCC regulation garbage
through and include when they are due to end their current terms
(or if they already have! It's important to know who they are
to keep them out of politics in the future!)

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

128. YUPI MVT7100 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-08-03 17:59:23 UTC
From: tirsch@pipeline.com
Message-ID: <31oltr$mnj@pipe1.pipeline.com>
Source record: 270939

```
For Sale:
YUPI MVT7100, nicads, charger, earphone,cigarette adapter,whip
antenna,
austin condor flex antenna, vinyl case.

I'll pay for UPS COD shipping.

US $525
This is one hell of a scanner!
```

129. Re: What if you hear ille

Newsgroup: rec.radio.scanner
Date: 1994-08-03 18:08:45 UTC
From: brueger@larry.wyvern.com
Message-ID: <brueger.775937325@larry>
Source record: 270927

art.harris@woodybbs.com (Art Harris) writes:

>In article <3194mn$a90@netnews.upenn.edu>,
>10-89 <soren_ragsdale@path1a.med.upenn.edu> wrote:
>>)Hypothetical situation:

>>)You're scanning the cellular band, or a cordless phone, or whatever and
>>)you hear a guy making a drug deal, plans for a murder, bombing, or
>>)whatever. In the course of the call you hear the location, time, people
>>)involved, etc.
>>)
>>)What do you do?
>>)
>>)Option 1: Nothing. It is illegal to divulge this information.

>>)Option 2: Call and leave an anonymous tip with the proper authorities.
>>)
>>)Option 3: (My favorite.) Show up at the place and wait for them...

>A few years ago, a similar situation was reported here on Long Island. A
>scanner listener overheard (on 46 MHz) some guys planning to burglarize
>a commercial establishment. The listener reported the incident to the PD
>and an arrest was made. I can't remember if it was an anonymous tip or
>not, but it was written up in the local papers.

>The main point is that cordless phones are NOT protected by wiretap
>laws, and information gathered on 46 or 49 MHz can be used against the
>"perp." Cellular conversations ARE protected by wiretap laws; they can
>be used only if the proper authorities have gotten permission to
>intercept them.

>If I heard a life threatening situation on any freq, I think I'd go the
>anonymous tip route -- from a pay phone!

>Art

Several folks on this group have asked a question about overhearing mention of illegal activity while (illegally) monitoring the cellular band. Now, I am not a lawyer but I do have a BS degree in Criminal Justice and I know a little about the law. When I first read this question, I remember back to my college days and having read a section in one of my case law books. Also, let me point out that this book is copyright is 1975 and the case involved was in 1921. So, things may have changed since.

The following was taken from: "The Law Of Arrest, Search & Seizure." written by J. Shane Creamer.

"If a private person steals or illegally seizes incriminating evidence from someone and turns it over to the police, that evidence is admissible against the accused so long as the police did not in any way participate in the illegal seizure of the evidence. Burdeau vs. McDowell, 256 U.S. 465 (1921). Citizens, private detectives, store detectives, security guards, and all other persons who are not connected with any official agency of government are not under the strictures of the Fourth Amendment because the Supreme Court of the U.S. has indicated that this amendment protects the citizen from illegal conduct by government officials only. If a citizen is wronged by another private citizen , his remedy is to sue civilly."
--

Brian J. Rueger	Hampton Division of Fire & Rescue	"Who dares win"
Medic/Firefighter	Squad-7	Soon to be -
Hampton, VA.	Email - brueger@infi.net	NREMT-P

130. Re: PRO-43 performance: AC vs. batteries

Newsgroup: rec.radio.scanner
Date: 1994-08-03 18:30:24 UTC
From: copeland@metronet.com
Message-ID: <Ctz22p.9L5@metronet.com>
Source record: 270943

In article <Ctyt0E.HpK@vcd.hp.com>, Eric Ross <ericr@vcd.hp.com> wrote:
>M22646@mwvm.mitre.org wrote:
>: Hello,
>: My Pro-43 receives signals in the 40-50 MHz range much better when running off
>: the AC adapter instead of batteries (rechargeable NiCads or alkaline). Why?
>: Does it have anything to do with the radio being grounded when plugged in
>: via he adapter? Has anyone else noticed this? I'd like to have better
>: reception when running under battery power. Any ideas? Thanks!
>:
>
>Mine has the same behavior.

Mine also has the same behavior. Even with a discone attached when
battery operated, AC operated works better with just the ducky on 46mhz.

I measured the voltage on the AC adapter when loaded with a PRO43,
it measured 11.5v !!! Luckily, it didn't hurt the PRO43. These things are
not regulated, and the higher amp rating you get the higher the output
voltage is to make up for resistance drops. Mine is rated at 400ma.
I'm going to put a 7809 to regulate it to exactly 9v and see how it does.

Anyway, I believe that the higher AC adapter voltage (9-11.5v) makes the
circuitry sensitivity much better than the low voltage batteries (8-9v).

--

| copeland@metronet.com |
---

131. Re: 46 mhz log periodic antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-03 18:41:03 UTC
From: dbushong@wang.com
Message-ID: <Ctz2KG.JIy@wang.com>
Source record: 270951

magnet@nRCHs022 (Brad Glidewell) writes:

> Why was I so STUPID?!!!

Try:

"IQ Measurement Systems", M. Well, PhD., NEJM Press, 1961 (ISBN
0-395-32943-4)

"Self Perception of Intelligence", U. B. Hadd, M.D., F.A.C.S.,
Gnome Publishing, 1988 (ISBN 0-87923-556-X)

"Achieving Greatness with a Limited IQ", S. Martin, SNL Publications,
1977 (ISBN 0-932648-72-X)

"On the Effects of LPDA Antennae and Dementia", Herb Orr, JAMA, August,
1992

>Yeah! Reading from a book! Thats a lot different from reading on the screen!!!
>I guess I'll FRAME your post on my wall at the retard center! 8-)

No fair printing it out first.

"101 Ways To Hang a Computer Monitor on a Sheetrock Wall", Ima Dolt,
Wicked Loser Press, 1994

>I have learned a lot from this group and hopefully I can learn more from
>it. If I am doing a bad thing by requesting direct answers to questions
>I will stop now. I am requesting feedback on this.

Seriously though, Brad, I think what happened was that your original
post didn't accurately convey what you were thinking or requesting. I
understand better now what you were asking, and maybe it would be a good
time to re-define what you are trying to do.

Are you intending to listen to cordless phones? Does your antenna need
to be portable (i.e., do you want to hold a scanner in one hand and
the antenna in the other as you walk through the neighborhood, or is
it something that goes up on the chimney/balcony/TV mast)? Does it
need to be rotated? How narrow does the forward lobe need to be?
Will you be transmitting?

Dave
--
Dave Bushong, Wang Imaging

132. Log-yagi for 50mhz

Newsgroup: rec.radio.scanner
Date: 1994-08-03 19:35:03 UTC
From: magnet@nRCHs022
Message-ID: <31orh7$p8i@corpgate.rich.nt.com>
Source record: 270949

I think I have found a good directional antenna for 46-50 mhz. The antenna comprises the characteristic of both the log periodic with the yagi. One aspect of the antenna is it's reception differential front to back and it has a slight size advantage. If anyone is interested I can email the plans. The antenna looks like this:

Not to scale.

```
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | B A | |
-----------------------------------------------
| | A M B | |
| | | A | | |
| | | S | | |
| | | T | | |
| | | x | | |
x
x
x
x
x
x
```

The "A" and "B" represent the phase of the driven elements.
Materials are wood, electro-magnetic tubing, etc.

--
brad.glidewell@nt.com

133. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-08-03 19:52:44 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Aug3.195244.5916@hpcvaac.cv.hp.com>
Source record: 270937

steven@sgb.oau.org (Steven Bradley) writes:

... deleted ...

: You guys crack me up with your STUPID interpretations that a bag
: of parts, board, box, plans could require the FCCs blessing. HA!
:
: I'll mention this one next time I am down at the Rat Shack -- tell
: them they need FCC ID numbers for the cases, capacitors, wire, because
: they are components which may be used to construct an RF device.
:
: HA HA HA HA ... much laughter.

You know - for an apparently fairly intelligent person - this is an awfully lame post. Absurd generalizations from kits to discrete components are meaningless.

: I also believe that instructions for TV descamblers an related kits
: would fall under this same false belief. IF that were so, why did
: the cable industry NOT lobby to have the FCC approval pulled on those
: "kits" too!?!?!?

Probably because they found it more profitable to simply sue the people who used the kits for Theft of Service - and collecting double or triple damages.

Bill

134. Re: info on DDI? (digital data interpreter)

Newsgroup: rec.radio.scanner
Date: 1994-08-03 19:58:03 UTC
From: mbarnard@twain.ucs.umass.edu
Message-ID: <31ossbINN706@twain.ucs.umass.edu>
Source record: 270953
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

In article <31j0gk$8jl@freenet3.scri.fsu.edu>,
James Ganyard <jdgan@freenet3.scri.fsu.edu> wrote:
>I've read of a similar device in "popular Communications" a couple of
>years ago. It was attached between an AOR 1000 and PC laptop for
>portability. Apparently you could read all cell data...ESN and phone
>numbers. aalso would read which freq. to change to in a hand-off to
>another cell. One interesting feature was to tag a specific cellphone
>and would not activate until detected. As advertised it was about
>$5000 and only sold to law enforcement. Dont know if there is anything
>else out there. Any programmers out there have any ideas about using
>a SoundBlaster card for this...HHMMMMMMM???

If someone out there can tell me where to get the specs on the data
stream used on cellular control channels, I'd be more than happy to try to
work out a program to read such data. At present, I have no callular-capable
receiver, however, so I suppose I'd need some sort of "raw data" to test it
with, too, but let's deal with first things first.

I don't think this sort of thing should be TOO terribly difficult. I
managed to use Count Zero's article in Phrack on the encoding of magnetic
strips to make a reader out of my sound card. I hooked the reader's head
straight into the microphone input of the card with NO signal conditioning
whatsoever, and did all the work in software. Lo 'n' behold, it worked. Go
figure. Heh... It was a bit clunky, as there was only a narrow range of
microphone volume levels that worked properly, and the sound file had to be
converted to a raw format first (SOX fos DOS can accomplish this), but it
DID work, and I was able to read all the cards I ran through it. It only
read the middle track (the one with the low bpi recording density), but I
imagine that could be changed, too.

So anyway, if anyone wants to throw the cellular data specs my way,
or tell me where to find them, I'll look 'em over and consider taking a
crack at the problem.

135. Re: My $.02 on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-08-03 20:04:49 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Aug3.200449.6245@hpcvaac.cv.hp.com>
Source record: 270952

sjking@freenet2.scri.fsu.edu (Steven J. King) writes:
:
: Although I think the federal law prohibiting receiving unsrambled FM
: frequencies on the cellular phone band and state laws (California)
: prohibiting receiving unscramled FM signals on the cordless phone band
: are immoral and impractical, there are two issues: business and
: residential. I am not experienced with the business side, e.g., HBO
: in pre-scrambled days, but if a business' product is contained in the
: RF signal then receiving that signal without permission (or
: descramling an encrypted signal especially) would be like stealing a
: can of beans from Albertsons.

Bah. Only if the signal was on cable. If it was from a satellite, it
would no more be stealing than if Albertsons' threw the cans of beans
on your lawn, and then tried to accuse you of theft - when you picked
them up for your own use.

: As for the issue of listening to the phone company's microwave links,
: that should be illegal because of the phone customer's reasonable
: expectation of privacy. If you use your landline telephone, you
: should be able to expect that your call will be private (unless the
: FBI is out to get you or the President doesn't like you). If you use
: an unencrypted cell phone or cordless phone, you should not have any
: expectation for privacy since your conversation is sent out into the
: ether for everyone with basic radio equipment can hear you. If the
: signal is encrypted, that is another thing. If it is encrypted, there
: is some level of privacy but not as much as using a normal phone.

If it is properly encrypted, there is far more privacy than with a normal
phone.

: The problem with current scanner laws is that they artificially
: creating a sense of security on VERY UNSECURE modes of communication.
: They are equivalent to, IMHO, making it illegal to listen if your
: neighbors talk to each other with bullhorns.

Exactly.

Bill

136. Re: 46 mhz log periodic antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-03 20:51:23 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.52.000EDBAE@chevron.com>
Source record: 270961

> Does a yagi look like this?

> |
> |
> |]
> [|
> |
> |]
> |
> [|
> |
> |
> x
> X

Unfortunately my usenet software doesn't space characters in a way that makes this look like anything. Can someone tell me if Brad typed out something that looked like a yagi? It appears that he was asking this after reading my post, but I can't answer the question. Sorry.

A yagi and an LPDA may look a lot alike at a quick glance. LPDAs aren't always mounted on horizontal booms. I have used one on HF that was made of wire suspended between telephone poles. There are a number of ways to make them.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

137. Pro-36 Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-03 21:17:09 UTC
From: dactylus@aol.com
Message-ID: <31p1gl$fpt@search01.news.aol.com>
Source record: 270956

Could someone tell about the mods for the Pro-36. I have looked at the ftp sites, and there are none listed. A friend of mine bought a unit already modified to pick up 800 mhz.

Thanks for the help.

138. Re: Choppers Overhead!!

Newsgroup: rec.radio.scanner
Date: 1994-08-03 22:12:43 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <31p4os$s1l@thecourier.cims.nyu.edu>
Source record: 270969

Here in NYC, the police choppers are almost constantly on
SOD 1 (Special Ops Division Channel 1).

As far as CG goes, though, I visited North Carolina's
Outer Banks earlier this year and was awaken to a rumbling
house by one of the big daddies flying so low over the house,
I could see the rivets on the belly. I entered all marine and
coast guard freqs from my Monitor America as fast as my fingers
could go and all I got out of it was a loop tape saying, "all boaters
be advised that the Coast Guard will be performing a simulation
rescue exercise in Currituck County from 10 hundred hours until
12 hundred hours on this date. Coast Guard out."

I know when I visited L.A. in May, someone was kind enough to
make scanman10.exe ftp'able for those of us that wanted it, and
it really came in handy. If anyone still has it in near-online
condition, perhaps they could repeat the gesture? My copy is
at home and I won't be there until this weekend.

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

139. Re: What if you hear ille

Newsgroup: rec.radio.scanner
Date: 1994-08-03 23:30:55 UTC
From: dseitel@crl.com
Message-ID: <31p9bf$j2m@crl5.crl.com>
Source record: 270932

Oh...so if it's okay legally, it's okay morally.

David Eitelbach
dseitel@crl.com

140. Re: What if you hear illegal activities?

Newsgroup: rec.radio.scanner
Date: 1994-08-03 23:39:12 UTC
From: grady@netcom.com
Message-ID: <gradyCtzGDD.HHz@netcom.com>
Source record: 270963
Cross-posted to: rec.radio.scanner,alt.radio.scanner

10-89 (soren_ragsdale@path1a.med.upenn.edu) wrote:
: Hypothetical situation:

: You're scanning the cellular band, or a cordless phone, or whatever and
: you hear a guy making a drug deal, plans for a murder, bombing, or
: whatever. In the course of the call you hear the location, time, people
: involved, etc.

: What do you do?

That's easy. Re-transmit the material using cross-band repeat mode on
your HT into the local Tac3 Police frequency. They are taped 24h.

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

141. Re: What if you hear illegal activities?

Newsgroup: rec.radio.scanner
Date: 1994-08-03 23:44:39 UTC
From: grady@netcom.com
Message-ID: <gradyCtzGMF.Hyz@netcom.com>
Source record: 270964
Cross-posted to: rec.radio.scanner,alt.radio.scanner

The opposite of the thread's question is fun to do: use a cordless phone
and make up a fictitious major 'crime' like a major drug deal, murder,
child molestation, etc. and give specific instructions on the address.

Then carefully observe from a distance who shows up...

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

142. Re: MARINE CELLULAR BAND ???

Newsgroup: rec.radio.scanner
Date: 1994-08-03 23:51:13 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Aug3.235113.12920@hpcvaac.cv.hp.com>
Source record: 270962

steven@sgb.oau.org (Steven Bradley) writes:
:
: SCN-1: 800-950 Mhz Scanner Converter Kit $49.95
: CSCN: Matching Case Kit $14.95
: SCN-1WT: Fully Assembled SCN-1 and Matching Case $89.95
:
: SS-70: Speech Descrambler/Scrambler Kit $39.95
: CSSD: Matching Case Kit $14.95
: SS-70WT: Fully Assembled SS-70 and Matching Case $79.95
:
: Now someone will say "old catalog".
:
: Ok, for that person I will say Monitoring Times, August 1994,
: See page 77 for details. All the same devices as described above.
: These devices are supposedly illegal to market in the U.S.
:
: Is that current enough advertising?
:
: This is a good example those converters that are banned, so much for
: the ban -- on kits or otherwise!

So what? Such advertisements prove nothing. One possibility is that the kits were made up - before the ban went into effect. If so, then they are perfectly legal to sell. A second possibility is that Ramsey has chosen to ignore the ban - until they are told explicitly to stop.

: : The FCC has said that the simple adding or removing a component is NOT
: : sufficient to disable cellular frequencies - that would be "easy conversion".
: : Now, if that component was a surface mount 20+ pin chip, then it would most
: : likely be sufficient. Changing that would not be easy for the average person.
: Yes, but to modify it here -- I'd expect it to be something simple
: not needing to be done at the factory. Additionally, a new approach
: is to buy it here, like a Pro-43 and order the UK version of the
: digital board. Don't bother with the SMD components, just replace the
: whole digital board (it contains the CPU, diodes, not much else, could
: not cost much more than the CPU would). As a replacement board, it
: would do the job.

This has not been tested in court. I personally feel it would be legal, but it may not be. It certainly would be trivial for the FCC to change their regulations, if they felt that the practice was becoming common enough to worry about.

: : : Remember, kits and parts are EXEMPT from the law. Not addressed once.
:

: : See above.
:
: Yes, I agree, SEE ABOVE, Ramsey has no problem selling converters
: and speech inversion descramblers. I sure don't see what anyone
: else has to worry about (regarding imports and such!)

I commented on the possibilities above.

Bill

143. Re: are ALL cellullar phone monitorings illegal?

Newsgroup: rec.radio.scanner
Date: 1994-08-03 23:56:12 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Aug3.235612.13083@hpcvaac.cv.hp.com>
Source record: 270933

k1lho@aol.com (K1LHO) writes:
: In article <2s6lg0$229@nyx10.cs.du.edu>, lthomas@nyx10.cs.du.edu (Layne
: Thomas) writes:
:
: The frequencies are not confidential. It is illegal to listen (Hah!), and
: as of this
: Fall illegal to manufactur or modify radios to listen to cellular. The

It was illegal to manufacture or import radios capable of listening to the cellular frequencies starting in April - you are a bit behind the times. It is not illegal to modify a radio to have cellular capabilities - nor will it be illegal this fall.

: law against
: listening was aimed primarily at police. ie: anything they heard could
: not be used
: in court, and if they had information that could only had been obtained
: via cellphone, any evidence could be excluded. If you own a receiver
: which can re-
: ceive cellular, have a good time, but don't divulge what you hear! The
: original communications act (sec. 602) allows anyone to listen to any
: frequency, but can not divulge contents. This section was pre-emptepted
: by the Communications
: and Privacy Act of 1989.

Wrong. The law was aimed at the general population who owned scanners, as people found out that the Cellular Providers were lying when they said that their conversations were secure. Now, they simply lie by stating that it is illegal to sell a scanner that can monitor cellular frequencies - and thus implying that no one will be able to listen.

The law was never aimed at the police - who already had restrictions on what could be used in court.

Bill

144. Re: Cordless Penal Code (CA)

Newsgroup: rec.radio.scanner
Date: 1994-08-03 23:58:36 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Aug3.235836.13171@hpcvaac.cv.hp.com>
Source record: 270934

k1lho@aol.com (K1LHO) writes:
: In article <Cqq75D.5A@rci.ripco.com>, glr@ripco.com (Glen Roberts) writes:
:
: This is a great sounding law, that I doubt would stand up in court. When
: the Communications and Privacy Act of 1989 was written, (Federal Law),
: cordless phones were specifically excluded! I do believe states cannot
: pass laws regulating radio. All scanners receive 46mhz, how is the state
: going to enforce this pipe dream?

No, states cannot pass laws regulating the transmission of signals. The
lower courts, at least, have ruled that they can regulate scanner usage.
I do not recall if this has been tested in the US Supreme Court.

Yes, the California law is likely to be thrown out, based on the FCC
preemption.

Bill

145. MVT-7100 Specs, Price, Review???

Newsgroup: rec.radio.scanner
Date: 1994-08-04 00:17:10 UTC
From: feustel@netcom.com
Message-ID: <feustelCtzI4M.1D4@netcom.com>
Source record: 270936

I seem to have missed many postings on the MVT-7100. Could someone post the Specs, Price, and reviews of this radio for me? Also, a phone number of a dealer would be appreciated. Thanks.

--

Dave Feustel N9MYI Internet:<feustel@netcom.com> Compuserve:<73532,1747>

Hilary Rodham Clinton: A 20th Century Lady MacBeth?

146. Re: What if you hear ille

Newsgroup: rec.radio.scanner
Date: 1994-08-04 00:24:15 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Aug4.002415.13643@hpcvaac.cv.hp.com>
Source record: 270965

art.harris@woodybbs.com (Art Harris) writes:
:
: The main point is that cordless phones are NOT protected by wiretap
: laws, and information gathered on 46 or 49 MHz can be used against the
: "perp." Cellular conversations ARE protected by wiretap laws; they can
: be used only if the proper authorities have gotten permission to
: intercept them.

According to the Supreme Court cases, information/evidence obtained
illegally by citizens can be used in court. It is only the law enforcement
agencies that must obtain a warrant to gather evidence by wire-tap.

Bill

147. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-04 00:44:56 UTC
From: mikec@comtch.iea.com
Message-ID: <31pdm8$da5@krel.iea.com>
Source record: 270930

K1LHO (k1lho@aol.com) wrote:
: In article <1994Jun10.160432.4066@rsg1.er.usgs.gov>, bodoh@dgg.cr.usgs.gov
: (Tom Bodoh) writes:

: A cop had better know the difference, because if he sites you for a
: violation which didn't occure, he could be sued for false arrest.

Hey, Tom.. College boy, 'eh?
--
- - - - - - - - - - - - mikec@comtch.iea.com - - - - - - - - - - - - - -

Michael B. Candy Amateur Radio Call: KI7FX
P.O. Box 1953 KI7FX@KA7FVV.#EWA.WA.USA.NA
Airway Hts, WA. 99001-1953 American Digital Radio Society

148. Re: PRO-2006 schematics

Newsgroup: rec.radio.scanner
Date: 1994-08-04 01:42:11 UTC
From: ev970@cleveland.Freenet.Edu
Message-ID: <31ph1j$1ae@usenet.INS.CWRU.Edu>
Source record: 270940

In a previous article, N.Ducor@frec.bull.fr (Nicolas Ducor) says:

>I am looking for the RS PRO-2006 schematics. I know they are available from
>RS parts center in the US, but unfortunately this service is not provided to
>France and French RS stores. Are these schematics available in
>electronic form on anon-ftp ? Could someone help ?

Can you not call Tandy National Parts and order it with a credit card?
I live in the US and would do that before I ordered it through the store.
Tandy National Parts is in Ft. WOrth Texas. I don't have a phone number.

149. Re: Canadian version of Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-08-04 02:27:31 UTC
From: tipping@vertigo.helix.net
Message-ID: <31pjmj$6dc@vertigo.helix.net>
Source record: 270970
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <31kbb7$gtk@canopus.cc.umanitoba.ca>,
Paul Hancock <hancock@access.mbnet.mb.ca> wrote:
>I am about to buy a PRO-43 from RS in Canada and I'd like to know if there
>is any difference (in terms of potential MODS) between the Cdn version and
>the U.S. version of the PRO-43. It seems most RS stores in the U.S.
>are sold out of the PRO-43 but in Canada, (at least the RS's in my city)
>stores seem well stocked. Does anyone know if the PRO-43 sold in Canada
>can be modified to receive cellular?
>
>Also, is there a way to distinguish between unmodifiable Pro-43s and
>non-modifiable ones in Canada similar to the system in the U.S. using the "A"
>suffix on the FCC #?
>
>Any help would be appreciated.
>

I just bought a pro-43. I have yet to attempt to modify it. If you (or
someone) will send me info on the mod, I will attempt it and relay any
info. From what I understand, the high SN and lack of 'A' 's indicates it
is probably possible. A RS employee could tell us more. (even going
through all of the 43's in stock and checking the serial #'s

Matt

--
Matt Tipping
[tipping@unixg.ubc.ca]
[tipping@helix.net]

150. Antenna and Intermod?

Newsgroup: rec.radio.scanner
Date: 1994-08-04 03:03:11 UTC
From: slee@netcom.com
Message-ID: <sleeCtzptB.Aup@netcom.com>
Source record: 270944
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I presently have an Austin Condor antenna. I was thinking about getting either or both of an discone or all band antenna, specifically I have heard the Diamond and Grove antennas are pretty good. I am wondering what models do they make for both. Can anyone help me? I also want to know if I should order direct or is there a good store in SF Area that I can buy them from. Also, I have read some stuff about Intermod, is that signals going through the case? Is there a way to cut down on this. Any help would be appreciated. You can either E-mail or post to this group. Thank You.

--
****
Sherwin Lee
slee@netcom.com or slee@eis.calstate.edu
****

151. Re: Antenna Ground?

Newsgroup: rec.radio.scanner
Date: 1994-08-04 03:27:03 UTC
From: drice@crl.com
Message-ID: <znr775968761k@crl>
Source record: 270972

In article <ZSywrPz.pcapps@delphi.com> pcapps@delphi.com writes:

>
> Dear All,
>
> I recently bought two radio antennas. One is for FM stereo reception

...

>
> My question is what do I need to do in the way of grounding the
> antenna cables. The cable for the scanner is 52-ohm and the cable
> for FM Stereo is 75-ohm.
>
> Please E-mail any ideas. Thank you.
>
> Phil
>

I'm not absolutely sure but...
The antenna cables are already grounded. They have the same ground as
the antennas.

Please correct me if I'm wrong.

--

Dennis Rice drice@crl.com
NAU Flagstaff drr1@nauvax.ucc.nau.edu
----

152. AOR8000 in Canada

Newsgroup: rec.radio.scanner
Date: 1994-08-04 03:51:22 UTC
From: ac184@FreeNet.Carleton.CA
Message-ID: <Ctzs1n.A68@freenet.carleton.ca>
Source record: 270971

Ok, I have to have this! The hell with the kidney transplant, I'll start saving up for it again later on...any word on if this will be available directly in Canada? And if not, when can I send in my order to Javiation? :^)

Thanks in advance,

Tim

--
It puts the lotion on its body or else it =|= Tim Murphy
gets the hose. =|= ac184@freenet.carleton.ca
--Bill Clinton relating funny =|= (613) 562-1664
college anecdote to Tom Harris =|= Finger me for PGP key...

153. Mod

Newsgroup: rec.radio.scanner
Date: 1994-08-04 04:10:00 UTC
From: angelo.melendez@windmill.com
Message-ID: <59.4171.4048@windmill.com>
Source record: 270816

Does anyone have Mods for a radio shack Pro 2028.

Thanks
Angelo
---
* CMPQwk #1.4* UNREGISTERED EVALUATION COPY

154. Colorado freqs, Nat'l parks too

Newsgroup: rec.radio.scanner
Date: 1994-08-04 04:31:32 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <31pqv4$ik4@lambada.oit.unc.edu>
Source record: 270945
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Anyone have freqs for the national parks in Colorado? Specifically, I'll be spending next week in Rocky Mountain National Park, and am interested in the park service, rangers, etc., frequencies. Also, park fire freqs, and local PD/resuce, etc? (I'll be searching ftp sites too...)

Sherrod

--
-- --
Launchpad is an experimental internet BBS. The views of its users do not necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
-- --

155. Re: Choppers Overhead!!

Newsgroup: rec.radio.scanner
Date: 1994-08-04 05:59:34 UTC
From: langod@downey.cybermail.com
Message-ID: <2WHQuAwHBh107h@downey.cybermail.com>
Source record: 270960
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In <lasixCtwzsx.50q@netcom.com> lasix@netcom.com (Patrick Springer) writes:
> Last night (as with many nights in LA) there were cop choppers
>circling my area. I tried scanning a range from 130-180 and didn't come
>up with anything. Could someone guide me a little. I do have Police Call
>but it doesn't get specific about helicopters. I would like to knoe why
>they are circling and if they lose the chase... (get my gun!)

This just happened to me today -- turned on the scanner after seeing
an officer speed by with sirens blaring.

They had helicopter assistance in finding a suspect. I could hear the
helicopter on the normal police frequency, along with the ground units.

--

Comments by the LAN GOD do not necessarily reflect the views or opinions
held by this station, its affiliates, or anybody remotely sane.

E-mail to request PGP 2.5 public key block.

"It was dark as I drove the point home.
And, on cold leather seats, well, it suddenly stuck me.
I just might die with a smile on my face
After all." - The Smiths
---

156. Best hand-held scanner?

Newsgroup: rec.radio.scanner
Date: 1994-08-04 06:05:12 UTC
From: kgk@sig.sig.ai.mit.edu
Message-ID: <KGK.94Aug4020512@sig.sig.ai.mit.edu>
Source record: 270946

I was wondering what the "best" hand-held scanner is, if price is not an object. (I'm sure that I am unable to afford it, but I am curious.) Of course, there are many issues to consider for "best," but they would include, perhaps in order:

-> low intermod
-> good sensitivity
-> very large frequency range with no holes (50kHz to 1.4GHz?)
-> AM, FM, WFM, ... (the more the better)
-> good physical design (metal belt clips, solid buttons, reasonable resistance to water, high quality BNC connector, and so forth, and possibly tasteful button design/placement).
-> the ability to label frequencies/bands with an alphanumeric label
-> compact size
-> nice speaker
-> computer interface
-> fast scanning
-> lots of channels

I've only seen the Icom R1 and the Pro 43, both which come up short. The AOR8000 sounds very exciting. Jonathan Clough mentioned the Yupiteru MVT-7100, which he seems to prefer to the AOR8000. Are there any other radios that should be added to this list?
--

---kleanthes

Kleanthes Koniaris, MIT Artificial Intelligence Lab NE43-432, 545 Technology Square, Cambridge, MA 02139. Work: 617-253-6778; FAX: 258-8682, or 253-5060
"For the saddest epitaph which can be carved in memory of a vanished freedom is that it was lost because its possessors failed to stretch forth a saving hand while there was still time." ---Supreme Court Justice George Sutherland

157. Cal. Freqs Needed. (Bay Area)

Newsgroup: rec.radio.scanner
Date: 1994-08-04 06:41:40 UTC
From: yancy@shell.portal.com
Message-ID: <31q2j4$qd1@news1.svc.portal.com>
Source record: 270947
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I am looking for a current list of Freqs for the Bay Area,
specifically the Santa Clara Country area, and if this is not possible I
would appreciate anyone who could post the Freqs for the Santa Clare
County Sheriffs' dept and/or American Medical Response.

Thanks. Yancy@shell.portal.com

158. Best Scanner under $250

Newsgroup: rec.radio.scanner
Date: 1994-08-04 07:33:39 UTC
From: cschmidt@diralect.me.pvamu.edu
Message-ID: <31q5kj$f3k@news.tamu.edu>
Source record: 270950

I am not new to scanners, as I worked for Radio Shack for a year
and loved to play with the scanners. I was able to listen to 800 Mhz
Cell-phone Conversations with the units in the store. Now this was from the
period from June 93' to May 94'. When did the Manufacturing change, or could
there be some phones that are transmitting out of band that are older or
something?

I liked the Pro-43, I believe that is the one that is 100 channel
with 800 Mhz, HyperScan, The Light Button that makes the light STAY ON, and
the display is at the top of the case (not where controls ae located) just
above the speaker, and it is a rather large display, I liked that model when
they first introduced it and played with it the most. It often (every 3-4
months) would go on sale for $189 vs. the $229 regular price. I used some
of the other but didn't really like em'.

Radio Shacks Scanner used to be made by Uniden Corp., are they still?
What does BearCat offer that is similar? I have not ever used a scanner
made by anyone but Radio Shack so I don't really know what else is
out there.

A customer that had purchased a PRO-43 from me later came in with
a little Icom Handheld (very small) that scanned from 1 Mhz clear up to
? Ghz. with no gaps in between. He said he bought it at a Ham Convention
and paid like $400 for it. What was that thing, have you all seen or
owned one? Little outta my price range but just checking.

I currently have a Pro-33 HH scanner that I paid $5.00 for. A
customer brought it in 2 Years after he bought it and he had the Three Year
" Unconditional " Warranty on. WEll, the Manger gave him the One Discontinued
one we had left to replace it (Yes, Replace) and then illeagally, I think,
sold the Broken one to me (used to be employee, was employee at time) for
a measly $5.00! Don't tell anyone though. Hah! It works fine except the
piece of copper that make the contact on the Board for the Keylock switch
is missing, so the Keylock doesn't work, but for $5.00!

It is a 20 Channel 30-512 rig with a bunch of gaps. I want to
purchase a Modifyable 800 Scanner under $250 that will last me a while
even after all those mods. Give me some info on all Brands.

Thanx,,,

Chris

159. Re: AR-8000 Reviewed Here!

Newsgroup: rec.radio.scanner
Date: 1994-08-04 08:27:15 UTC
From: schro@norton.sni.de
Message-ID: <31q8p3$c71@nanette.pdb.sni.de>
Source record: 270954

In <96@sapphire.win-uk.net> scollin@sapphire.win-uk.net (Simon Collings) writes:

>The expert menu lets you change 5 scan parameters in all: scan delay
>before resuming; audio squelch detection (ON/OFF); dwell time on
>active channels; the S-meter level required to stop scanning; all
>modes or just the selected mode to be allowed.

Does this mean the scan delay can only be changed globally
and not per memory ?

W.F.Schroeder

160. Re: PRO-2006 schematics

Newsgroup: rec.radio.scanner
Date: 1994-08-04 08:53:32 UTC
From: mulligan@ACM.ORG
Message-ID: <31qaac$4mf@hopper.acm.org>
Source record: 270955

Manuals for all Radio Shack equipment are available from:

Tandy National Parts
900 E. Northside Dr.
Fort Worth TX 76102
(800) 442-2425
=> (817) 870-5600 (calling from outside the US)

Give them the catalogue number of the PRO-2006 (20-145) and ask for the Service Manual. It should cost ~US$7.

You might also try InterTAN's European headquarters to see if they offer a similar service (they operate Radio Shack outside the US).

InterTAN
Parc Industriel de Naninne
5140 Naninne (Namur)
Belgium

(If someone does contact InterTAN, please tell me the phone number and if they have a parts service. I've been giving out this address for several years, but no one has written back to confirm it).
/* barry /&

161. Re: Aux Speeker for BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-08-04 10:17:28 UTC
From: dhunter@dow.com
Message-ID: <31qf7o$746@raven.dow.com>
Source record: 270834

JPINTO@VNET.IBM.COM (JIM PINTO) writes:

>I have a Bearcat BC200XLT and would like to find out if anyone knows if an
>aux amplified portable speeker exists that will work with a handheld unit.
>I find the audio of the 200 to low when driving in a car or have it hanging
>on a belt clip under several layers of winter clothing. I tried an
>un-amplified remote lapel speeker from radio shack but found that I needed
>to crank the volumn near full to power the speeker. There is alwas the
>ear plug but I don't care for that option. Any advise would be appreciated.
>Thank you in advance.

I have the same speaker and had the same problems until performing the mod
that restores full audio power to the earphone jack. With the radio face-
down and the back removed, solder a wire from the left side conductor of
the earphone jack to the metal strip running across the top, just above the
earphone jack. This, of course, depends on whether or not you feel
comfortable poking around the innards of an expensive radio, since it
involves cutting some of the plastic of the earphone jack away to expose the
metal, and it's a tight area to work in. At best, a little work allows you
to use what you've already bought without the extra expense of buying an
amplified speaker and batteries. At worst, your radio might need repair
or replacement.

****
* Doug Hunter "My views may not represent *
* dhunter@dow.com those of my employer..." *
****

162. Re: AOR8000 in Canada

Newsgroup: rec.radio.scanner
Date: 1994-08-04 12:28:31 UTC
From: u9013720@muss.cis.McMaster.CA
Message-ID: <31qmtf$d59@muss.cis.McMaster.CA>
Source record: 270837

The latest Atlantic Ham Radio shortwave & scanner pricelist (July 12,1994) lists:

AR-8000 .5-1900MHz Handheld Scanner - List 1069.95 - Discount 999.95

S&H 2% (minimum $7.00)
+ GST (etc)

Oh yeah, the price is based upon Cash or Debit Card. Add another 2% for VISA,MC,COD,etc,etc.

Phone # (416)636-3636
Fax # (416)631-0747
M-F:10-6; Sat:10-2; Sun/Holiday:Closed

Mike

163. Re: DC Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-08-04 12:37:13 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Aug4.123713.6571@rsg1.er.usgs.gov>
Source record: 270836

In article <22844.ctir@us.net>, <ctir@us.net> writes:
|> Could anyone provide me with a list of Public Safety frequencies in D.C.?
|> I am specifically interested in the Capitol Hill area. Thank you very much
|> for your time!
|>

Well filtered DC (direct current) has no frequency ;-)

164. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-04 12:50:28 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Aug4.125028.6922@rsg1.er.usgs.gov>
Source record: 270838

In article <31pdm8$da5@krel.iea.com>, mikec@comtch.iea.com (Mike Candy) writes:
|> K1LHO (k1lho@aol.com) wrote:
|> : In article <1994Jun10.160432.4066@rsg1.er.usgs.gov>, bodoh@dgg.cr.usgs.gov
|> : (Tom Bodoh) writes:
|>
|> : A cop had better know the difference, because if he sites you for a
|> : violation which didn't occure, he could be sued for false arrest.
|>
|> Hey, Tom.. College boy, 'eh?

I did not post the comment. I have no clue why somebody chose this time to clip out one line of an old email message I sent them and post it to the net - basically quoting me out of context. I was simply saying that the cops (for the most part) do not know the scanner laws and don't usually know the difference between a scanner or a ham transceiver...

165. Re: 2006-battery low

Newsgroup: rec.radio.scanner
Date: 1994-08-04 13:59:15 UTC
From: briskin@binah.cc.brandeis.edu
Message-ID: <1994Aug4.135915.4349@news.cs.brandeis.edu>
Source record: 270849

Margaret McCurdie was having problems with her Pro 2006 batteries running low...

Before you bring it in, Margaret, check the battery to make sure that the terminals are tightly on the battery caps. With my NEW 2006 I noticed that the larger terminal kept slipping off the battery, which would cause the "battery low" light to flash. I solved (sort of) the problem by tightening (gently!) the terminal with a wrench, and the problem has not recurred. God knows what's going to happen when I have to take the thing off, though! :)

Jeff Briskin
Brandeis University
briskin@binah.cc.brandeis.edu

166. Re: 46 mhz log periodic antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-04 14:02:45 UTC
From: magnet@nRCHs022
Message-ID: <31qse5$hd5@corpgate.rich.nt.com>
Source record: 270827

Curtis Wheeler (cgwh@chevron.com) wrote:

|Unfortunately my usenet software doesn't space characters in a way that makes
|this look like anything. Can someone tell me if Brad typed out something that
|looked like a yagi? It appears that he was asking this after reading my post,
|but I can't answer the question. Sorry.

|A yagi and an LPDA may look a lot alike at a quick glance. LPDAs aren't
|always mounted on horizontal booms. I have used one on HF that was made of
|wire suspended between telephone poles. There are a number of ways to make
|them.

Curtis,

The picture was not of a yagi. I went to Tuckers yesterday and looked at about
10 different books on antenas most of them ARRL. I was suprised that there
were extensive technical written discriptions but no pictures or drawings
of the antenna. I found another group of books which did have drawings and
pictures along with the dimmentions and contruction plans in addition to the
propagation plots and theory.

I am going to try to build a "log-yag". I let you know how it goes. The antenna
is mounted on the vertical, not horizontal.

Thanks for your assistance, Curtis.

--
brad.glidewell@nt.com
\ o / _ o __| \ / |__ o _ \ o / o
| /\ __\o \o | o/ o/__ /\ | /|\
..../.\...|.\../).|....(.\../o\../.)....|..(\../.|.../.\.../.\.

167. Re: What if you hear ille

Newsgroup: rec.radio.scanner
Date: 1994-08-04 14:08:24 UTC
From: domonkos@access.digex.net
Message-ID: <HkFGkiubGcG3066yn@access.digex.net>
Source record: 270830

In article <brueger.775937325@larry>, Brian Rueger wrote:
>
> The following was taken from: "The Law Of Arrest, Search & Seizure." written
> by J. Shane Creamer.
>
> "If a private person steals or illegally seizes incriminating evidence from
> someone and turns it over to the police, that evidence is admissible against
> the accused so long as the police did not in any way participate in the
> illegal seizure of the evidence. Burdeau vs. McDowell, 256 U.S. 465 (1921).
> Citizens, private detectives, store detectives, security guards, and all
> other persons who are not connected with any official agency of government
> are not under the strictures of the Fourth Amendment because the Supreme
> Court of the U.S. has indicated that this amendment protects the citizen
> from illegal conduct by government officials only. If a citizen is wronged
> by another private citizen , his remedy is to sue civilly."
> --
> --
> | Brian J. Rueger | Hampton Division of Fire & Rescue |"Who dares win" |
> | Medic/Firefighter | Squad-7 | Soon to be - |
> | Hampton, VA. | Email - brueger@infi.net | NREMT-P |

Tip:

Record the activity, give the tape and written account to the police, or
call from phone booth, playback tape, stay anonymous. The authorities will
appreciate ANY help they can get.

Andy

168. Re: What if you hear ille

Newsgroup: rec.radio.scanner
Date: 1994-08-04 14:08:47 UTC
From: domonkos@access.digex.net
Message-ID: <HmFGkiubG-GC066yn@access.digex.net>
Source record: 270831

In article <31p9bf$j2m@crl5.crl.com>, David S. Eitelbach wrote:
>
>
> Oh...so if it's okay legally, it's okay morally.
>
>
> David Eitelbach
> dseitel@crl.com

Depends on your moral standard. If you see someone attacked on the street and you do nothing, well no comment on the type of individual you are. If you're the type to get involved and save a life, stop a crime, hats off to you. I'm the get involved, stay anonymous if possible type. I sleep easier at night.

Andy

169. Re: Posting of Cellular Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-04 14:09:15 UTC
From: domonkos@access.digex.net
Message-ID: <doFGkiubGUGH066yn@access.digex.net>
Source record: 270832

In article <CtywCn.A4D@sgb.oau.org>, Steven Bradley wrote:
>
> AMEN to that! I LOVE it! Extend your middle fingers in a salute
> to the FCC!
>
> We need to gather the names of the idiots in the last days of the
> Bush regime who railroaded this scanner FCC regulation garbage
> through and include when they are due to end their current terms
^^
> (or if they already have! It's important to know who they are
> to keep them out of politics in the future!)
>
> Steven
> ---
> Internet: steven@sgb.oau.org | Steven G. Bradley
> steven@gate.net | Forest City, Florida
> steven@transquest.oe.fau.edu |-----------------------
> CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
> America Online: sgbradley@aol.com | Modem: 407/862-8088

The elections are coming, RE-ELECT NO-ONE!

Andy

170. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-04 14:09:47 UTC
From: domonkos@access.digex.net
Message-ID: <UrFGkiubGUnC066yn@access.digex.net>
Source record: 270833

In article <1994Aug4.125028.6922@rsg1.er.usgs.gov>, Tom Bodoh wrote:
>
> I did not post the comment. I have no clue why somebody chose this time to
> clip out one line of an old email message I sent them and post it to the net -
> basically quoting me out of context. I was simply saying that the cops
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
> (for the most part) do not know the scanner laws and don't usually know the
> difference between a scanner or a ham transceiver...
>^^

Worked for me. Police pulled me over on normal random DWI raod check, saw
my 2M rig and asked if it could receive police signals. I said all I know
is that it's a ham rig and gave him the manual to see if it can be done.
He gave me the manual back and told me to get going. A friend told me to
do this and I guess it really helps.

Andy

171. Re: Aux Speeker for BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-08-04 15:33:51 UTC
From: ashabana@agsm.ucla.edu
Message-ID: <31r1ov$qrk@news.mic.ucla.edu>
Source record: 270858

dhunter@dow.com (Doug Hunter) writes:

>JPINTO@VNET.IBM.COM (JIM PINTO) writes:

>>I have a Bearcat BC200XLT and would like to find out if anyone knows if an
>>aux amplified portable speeker exists that will work with a handheld unit.
>>I find the audio of the 200 to low when driving in a car or have it hanging
>>on a belt clip under several layers of winter clothing. I tried an
>>un-amplified remote lapel speeker from radio shack but found that I needed
>>to crank the volumn near full to power the speeker. There is alwas the
>>ear plug but I don't care for that option. Any advise would be appreciated.
>>Thank you in advance.

>I have the same speaker and had the same problems until performing the mod
>that restores full audio power to the earphone jack. With the radio face-
>down and the back removed, solder a wire from the left side conductor of
>the earphone jack to the metal strip running across the top, just above the
>earphone jack. This, of course, depends on whether or not you feel
>comfortable poking around the innards of an expensive radio, since it
>involves cutting some of the plastic of the earphone jack away to expose the
>metal, and it's a tight area to work in. At best, a little work allows you
>to use what you've already bought without the extra expense of buying an
>amplified speaker and batteries. At worst, your radio might need repair
>or replacement.

>---
>***
>* Doug Hunter "My views may not represent *
>* dhunter@dow.com those of my employer..." *
>***

A "variartion" of this mod was printed in Monitoring times (I think).
This version does not involve opening the radio and thus is less
risky. It involves shorting (using a wire) the audio jack and the
antenna. Becausae most earphones are made of plastic and have no
exposed metal I use the micro/mini metal adapter from radio Shack.
This restores the audio jack to full power. Of course perform this mod
at your own risk but it works with my 200XLT specially in noisy environments.

Ahmed

--

Ahmed A. Shabana |
Anderson Graduate School of Mgmt.|
U.C.L.A. |

172. Here is two RZ-1 mods

Newsgroup: rec.radio.scanner
Date: 1994-08-04 15:42:00 UTC
From: Tom WB7ASR <tom_boza@ccm.hf.intel.com>
Message-ID: <31r2am$el4@chnews.intel.com>
Source record: 270854
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.ham-radio.misc,alt.radio.scanner

I forwarding the following eMAIL from NU8D

Tom, WB7ASR...

==========

I have one "mod" that one of my co-workers here at Xetron came up with. Put a (very small) 221k resistor (value not super critical) across capacitor C63 (which is a .47uf couping cap). You can put the resistor on the bottom of the lower pc board right across the capacitor pins that go through the board (the cap is a normal tubular radial lead electrolytic). This resistor will supply some bias to the audio switching FET (Q8) and prevent it from being biased partially off by the audio waveform. If you look at a sine wave before and after the mod, you will see one half of the waveform distorted (before).

A little harder mod is to rewire the volume control by reversing the wiper and hot lead. Right now, the .47uf couping cap sees a varying impedance (down to 0 ohms) because it is feeding the wiper of the pot. This means that all the lows will be rolled off at low volumes, but will be normal at maximum volume. This is the reverse of what a loudness control does. Reversing the volume control leads will maintain low frequency response at any volume.

Some additional info: The schematic shows the CORRECT wiring of the volume control. For both of our RZ-1's, the wiper and hot lead were reversed, causing the low frequency loss at lower volumes. This may have been corrected some time during production. There is a small connector that you can move the pins on to correct the volume control miswiring. To get to it you must remove the front panel. This must be done very carefully since there are 3 springs behind the vfo, scan and msg buttons that may fall out and get lost. Once you get it apart, the pins can be carefully removed from the connector and re-inserted in the proper locations.

73 de Tom NU8D

173. Re: Wanted FT-530 Mods.

Newsgroup: rec.radio.scanner
Date: 1994-08-04 16:07:40 UTC
From: interso@cam.org
Message-ID: <interso-0408941107400001@interso.hip.cam.org>
Source record: 270825

In article <31noe1$5f9@search01.news.aol.com>, brasshat@aol.com (Brass Hat) wrote:

> Wanted Any & All Mods For The Yaesu FT-530
> Please E-Mail to:
>
> BrassHat on AOL
> or
> BrassHat@aol.com Internet
> or list on the board
> Thank you

Contact Jean at VISION: vision@cam.org.
He have all the mods necessary.

174. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-04 16:07:40 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <31r3oc$bi5@thecourier.cims.nyu.edu>
Source record: 270855

|> Worked for me. Police pulled me over on normal random DWI raod check, saw
|> my 2M rig and asked if it could receive police signals. I said all I know
|> is that it's a ham rig and gave him the manual to see if it can be done.
|> He gave me the manual back and told me to get going. A friend told me to
|> do this and I guess it really helps.

|> Andy

Me too. I was pulled over late one night and while fishing for
my registration, he spotted the disassembled scanner in the
glovebox. He asked if his freqs were programmed. I told him
I didn't know (the truth) and that I had Philadelphia's
still programmed from earlier in the evening. He assembled
it, turned it on, and transmitted from his walkie on his
belt. I warned him that there may be duplication in frequency
assignments between Philly and there, but luckily there wasn't.

All of this shouldn't have happened though, since I later learned
that NJ's law had been repealed by the time of this incident.

I now keep the reg in my wallet ;)
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

175. Pro 2006

Newsgroup: rec.radio.scanner
Date: 1994-08-04 16:27:29 UTC
From: bobl@netcom.com
Message-ID: <boblCu0r1t.L3D@netcom.com>
Source record: 270847

Is there way to program groups of freqs on the 2006 so that you tell the unit to scanner one group of freq at a time.

Example: I have programed in the freq for cordless phones and Police freq, but I only what to hear the police freqs not the cordless. After listining to the police for 1 hour I want to switch to the cordless freq.

I don't know if the 2006 will do this without a computer interface kit. The manual that comes with the 2006 is less than helpful on the subject.

176. Re: My $.02 on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-08-04 16:46:01 UTC
From: wwhitby@aol.com
Message-ID: <31r609$830@search01.news.aol.com>
Source record: 270842

Maybe I'm just being no paranoid, but it seems the only way scanner laws would work is if the FCC started doing house-to-house raids to confiscate our scanners.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

177. Re: Handheld Scanner Reco

Newsgroup: rec.radio.scanner
Date: 1994-08-04 17:22:00 UTC
From: steve.andrews@lunatic.com
Message-ID: <3902.1347.uupcb@lunatic.com>
Source record: 270739

-=> Quoting Greg Pettiford to All on 08-04-94 02:35 about Handheld Scanner Recommen<=-

GP> Jim, I have been using the Bearcat 200XLT for two years now and
GP> am very pleased with it. From all the things that I have read, the
GP> 2500 will put the 200XLT to shame.
GP> I also have a PRO 2004 that is heavely (SP?) modified, and the
GP> BC200XLT is also modified.

Jim, I also have an old 200XLT. I am having a problem with the
antenna cutting out or being scratchy when you wiggle it. I
believe the female pin connector has worn wide from switching
antennas too many times. Any experience? Also what mods have you
done on your 200XLT?

-Steve
___ Blue Wave/QWK v2.12

-=-=-=

178. Re: Pro 2006

Newsgroup: rec.radio.scanner
Date: 1994-08-04 17:33:54 UTC
From: ericr@vcd.hp.com
Message-ID: <Cu0u4J.G1H@vcd.hp.com>
Source record: 270859

The only way to selectively scan by group in a standard Pro-2006 is by enabling or disabling a bank of 40 memories. There has been more than a couple of comments about the banks being too big.

I would be interested in any comments about the OPTO board and software that would make this situation better.

--
Eric Ross, WB7SDE | Hewlett-Packard Company, VPR
ericr@vcd.hp.com | Vancouver, WA, USA

179. Re: Freedom of Informati

Newsgroup: rec.radio.scanner
Date: 1994-08-04 17:44:59 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.435.0011C073@ccm.hf.intel.com>
Source record: 270871

In article <2d.9409.603.0N850BF4@exchange.com> john.tant@exchange.com (John Tant) writes:

>>>>Message-ID: <0005FD52.fc@aardvark.bah.rochester.ny.us>
>>Newsgroup: rec.radio.scanner
>>Organization: Aardvark Burrow BBS 1716-383-1372 (data)

>> Try taking a look at this file... It should help
>>** Via the Aardvark Burrow BBS - 1-716-383-1372**

>>(This file must be converted with BinHex 4.0)
>>:%d0TG'PkC@jc)%C258%J4h9TC'8!9%9B9(4dH(3!N!-"DBN!N!4r48%J3fPdDAT
>>PER-J4h9TC'8JEfiJ9A0TEQFJG'KP)%CbC@9NEfdJEfBJ5@jQEh*YBA4TEfiJ3@0
>>d)'&ZC#"dD'808(*TGQ&MH5!J3@0d)#"[CL!a16Fd)(4[)&*PFA9PFh3J4fpfCA*

>If it's so all-fired important that it rates 5 rather large msgs
>in the newsgroup, why don't you convert the @@## thing before you
>send it. I don't have BinHex 4.0 and I'll bet a lot of others
>don't either.

Most people don't have BinHex 4.0 because most people don't have MacIntoshs.
This is a Mac archive format.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

180. Re: boosters

Newsgroup: rec.radio.scanner
Date: 1994-08-04 17:58:46 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.436.0011FB44@ccm.hf.intel.com>
Source record: 270870

In article <1994Aug2.035626.3652@emba.uvm.edu> scavanau@moose.uvm.edu (Shannon P. Cavanaugh) writes:
>Newsgroups: rec.radio.scanner

>I'm currently using a uniden 855 xlt and would like to hear
>anyones experiences/horror stories with the radio shack 10-20 decible
>antenna booster, I know it's made for t.v. but they do suggest it in one
>of "their" manuals for the pro 2022.

>If it's worth the $23 they want, maybe my wife will let me get one...

It will work, but it can cause overload. Unless you live out in the country, and are dealing with mostly weak signals, it will not help, and will most likely make things worse. Most scanners have very poor dynamic range.

Lets say you are listening to 155.625, and on 153.030 there is a strong transmitter like a pager, your scanner will reduce its sensitivity accross a band of frequencies making the 155.625 signal weaker, because there is one very strong signal present. An amplifier will only cause your scanner to become LESS sensitive. In such a situation, an attenuator would be a better solution.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

181. Re: PRO-43 performance: AC vs. batteries

Newsgroup: rec.radio.scanner
Date: 1994-08-04 18:56:13 UTC
From: tharrell@nmsu.edu
Message-ID: <31rdkd$mci@dns1.NMSU.Edu>
Source record: 270973

```
Charles Copeland (copeland@metronet.com) wrote:
: In article <Ctyt0E.HpK@vcd.hp.com>, Eric Ross <ericr@vcd.hp.com> wrote:
: >M22646@mwvm.mitre.org wrote:
: >: My Pro-43 receives signals in the 40-50 MHz range much better when
: >: running off the AC adapter instead of batteries (rechargeable NiCads
: >: or alkaline). Why?
: >
: >Mine has the same behavior.

: Mine also has the same behavior. Even with a discone attached when
: battery operated, AC operated works better with just the ducky on 46mhz.

My 43 also behaves the same - but it isn't limited to just VHF-Lo reception.
--
/----------------------------------------------------------------\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\----------------------------------------------------------------/
```

182. Re: AR-8000 Reviewed Her

Newsgroup: rec.radio.scanner
Date: 1994-08-04 19:17:00 UTC
From: alan.wilensky@channel1.com
Message-ID: <40.6199.2433@channel1.com>
Source record: 270974

BM>In article <96@sapphire.win-uk.net> scollin@sapphire.win-uk.net
BM>(Simon Collings) writes:

BM>>Review of AOR AR-8000 handheld scanner
BM>>====================================

I am desperate to get a repost or email of the review of the above super
scanner. Any comments on this toy?

Also, what is the nets opinion on the best no - holds barred total
coverage radio, both statioery and handheld--- all mode of course.

Well.....?

Alan Wilensky, N1SSO
General Manager
Interactive Workplace Division
Vicom, LTD.
Phone: Edmonton Office
11603 165 St.
abm@world.std.com

• CmpQwk #UNREG• UNREGISTERED EVALUATION COPY

183. Re: Pro 2006

Newsgroup: rec.radio.scanner
Date: 1994-08-04 20:05:55 UTC
From: Ben Hernandez <ben.hernandez@macsch.com>
Message-ID: <Cu115w.I3C@draco.macsch.com>
Source record: 270829

In article <boblCu0r1t.L3D@netcom.com> Robert Lee, bobl@netcom.com writes:
>Is there way to program groups of freqs on the 2006 so that you tell
>the unit to scanner one group of freq at a time.
>
> Example: I have programed in the freq for cordless phones and Police
>freq, but I only what to hear the police freqs not the cordless. After
>listining to the police for 1 hour I want to switch to the cordless freq.

This might seem obvious but have you tried putting the freqs in different banks i.e. Police in bank 1, Fire in bank 2, Cordless in bank 3 and then locking out the banks you don't want to scan? Maybe I misread your question, but that is how I set up my scanners.

-Ben

184. Re: Pro 2006

Newsgroup: rec.radio.scanner
Date: 1994-08-04 20:18:25 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <31rieh$ef4@thecourier.cims.nyu.edu>
Source record: 270863

In article <Cu0u4J.G1H@vcd.hp.com>, ericr@vcd.hp.com (Eric Ross) writes:
|> The only way to selectively scan by group in a standard Pro-2006 is by
|> enabling or disabling a bank of 40 memories. There has been more than
|> a couple of comments about the banks being too big.
|>
|> I would be interested in any comments about the OPTO board and software
|> that would make this situation better.
|>
|> --
|> Eric Ross, WB7SDE | Hewlett-Packard Company, VPR
|> ericr@vcd.hp.com | Vancouver, WA, USA

It is my understanding that you can create banks of any
length. I've also heard that you can create a virtual
scanner of any number of channels.

I believe it directly drives the receiver instead of dumping
the desired freqs/modes into any channels. Of course the board
has to be pretty quick to change channels (and potentially
modes) as quickly as hyperscan does.

I would think the board would sort the search in ascending order of
frequency first and by mode second, since scanners can
change to a close and same mode frequency faster than a far away or
one or one of a different mode.

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

185. PRO-51 on *sale*

Newsgroup: rec.radio.scanner
Date: 1994-08-04 20:23:04 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug4.152304.2738@hnrc.tufts.edu>
Source record: 270826

I decided it would be nice to have a unit for my office that I could lock in my desk, so I went to the local RS to see if they'd give me the preferred customer 10% discount on the sale price. They wouldn't--as they're entitled to do; the card specifies that it applies to regular catalogue prices only--so I went with Marymac: $180 delivered. For $20 I can wait the week it will take to arrive.

186. Re: PRO-2006 finally discontinued...

Newsgroup: rec.radio.scanner
Date: 1994-08-04 21:16:49 UTC
From: cschmidt@diralect.me.pvamu.edu
Message-ID: <31rls1$jfk@news.tamu.edu>
Source record: 270844
Cross-posted to: rec.radio.scanner,alt.radio.scaner

cscon0151@uoft02.utoledo.edu (Brad Steinman, N8ZRP) writes:

>As of today, the Radio Shack computers in the US have listed the PRO-2006 as a
>discontinued item. Another great scanner has the bit the dust.... :(

>I can't wait to see the new 1000 channel Triple-conv scanner to come out
>though!!!

>Later...

>Brad Steinman, N8ZRP
>The University of Toledo
>Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
> stu0105@uoft01.utoledo.edu (131.183.1.2)
> N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
>Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)

Was that the 400 channel that Rat Shack sold? Sad. What 1000
channel triple conversion scanner? Rat Shack?

chris

>* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

187. Re: Pro 2006 best price??

Newsgroup: rec.radio.scanner
Date: 1994-08-04 21:17:02 UTC
From: malxndr@aol.com
Message-ID: <31rlse$dkm@search01.news.aol.com>
Source record: 270846

In article <50ytVZ2.allenmason@delphi.com>, allenmason@delphi.com writes:

I also paid $345 for my 2006--with shipping--from Marymac

188. WANTED: FREQs for western WI

Newsgroup: rec.radio.scanner
Date: 1994-08-04 21:31:09 UTC
From: shaub@cs.uwp.edu
Message-ID: <31rmmt$98i@cs.uwp.edu>
Source record: 270845
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I'm looking for FREQs for the LaCrosse area. Especially Mississippi
River and Airport traffic.

Thanks in advance.
--
=-=-=-

189. Pro-51 psuedo-mod

Newsgroup: rec.radio.scanner
Date: 1994-08-04 21:35:28 UTC
From: cirop26@elm.circa.ufl.edu
Message-ID: <31rmv0INNq1t@no-names.nerdc.ufl.edu>
Source record: 270835

I saw that someone asked if the 51 could be modified like the 23 with the 2-9-lockout combination. Answer - YES.

David P.

190. Re: Homebrew FM radio station

Newsgroup: rec.radio.scanner
Date: 1994-08-04 21:42:37 UTC
From: BILLY@urhep.pas.rochester.edu
Message-ID: <1994Aug4.214237.4412@galileo.cc.rochester.edu>
Source record: 270857

In <00060C1D.fc@aardvark.bah.rochester.ny.us> Todd_Heckaman@aardvark.bah.rochester.ny.us writes:

> Hi, I'm setting up a very low power radio station for fun, (got that kit from
> Ramsey Electronics) and need some antenna ideas. I use a half-wave dipole for
> cordless phones which works extremely well, but if I were to cut one to length
> for ,say, 100Mhz, could I transmit efficiently on it? They reccomend a "dipole".
> If a half wave dipole for 49 Mhz is 10 feet, would the dipole be 20 feet?
> ** Via the Aardvark Burrow BBS - 1-716-383-1372**

The length of a half-wave dipole is 468 divided by the frequency in MHz. This gives you a length in feet, so 468/100MHz = 4.68 feet. You feed it at the center, so you need 2 lengths of wire 2.34 feet long.

Check out the Radio Amateurs Handbook at the library or drop in on rec.radio.amateur.homebrew.
-Bill VanRemmen, KA2WFJ
billy@urhep.pas.rochester.edu
URHEP::billy

My opinions. No one else's. Definitely not the U of R's.
==========
"Experience should teach us to be most on our guard to protect liberty when the government's purposes are beneficient . . . the greatest dangers to liberty lurk in insidious encroachment by men of zeal, well meaning but without understanding."
Justice Louis Brandeis
Olmstead vs. United States, United States Supreme Court, 1928
==========

191. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-04 22:59:59 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.57.00110076@chevron.com>
Source record: 270873

In article <31m2qk$1ss@freenet3.scri.fsu.edu> jdgan@freenet3.scri.fsu.edu (James Ganyard) writes:

>Did the cop take you into custody i.e.handcuffs.? If not there is no
>"arrest"! A citation can always be challenged in court. It all depends
>on who has the better argument. BTW...cops usually dont show up for
>traffic and such since they can't do it on dept. time. {get paid}!@

Most cops in California do show up - on department time. Overtime if it's not their normal shift.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

192. Re: Frequencies - Los Angeles/San Fernando Valley

Newsgroup: rec.radio.scanner
Date: 1994-08-04 23:01:56 UTC
From: woodman@rain.org
Message-ID: <woodman.776041097@coyote>
Source record: 270828

g9153402@huey.csun.edu (Berton Corson) writes:

>Anyone have a good list of fairly active frequencies in the
>Los Angeles & San Fernando Valley area? (or anything else
>receivable from here). Please post here or e-mail me.
>Thanks

Berton,

if you stop and think a minute you will realized that there are probably
thousands of freqs active in these areas.

For a good list of freqs in Southern California you might want to get a
copy of Police Call, Southern California Detail Edition, which is about
$10.00 at lots of radio stores. You'll probably find enough in there to
keep you busy for a long time.

--
-- | I believe that nothing is unconditionally
Michael Woodill | true, and hence I am opposed to every statement
| of positive truth and every man who makes it.
woodman@coyote.rain.org | H.L. Mencken

193. Fixed my Bearcat BC140 scanner, shorted electrolytic

Newsgroup: rec.radio.scanner
Date: 1994-08-04 23:05:10 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseCu19Go.DyF@netcom.com>
Source record: 270848

Got around to digging into my dead Bearcat BC140 scanner. All I had
was a DVM meter and a solder Iron. No diagram.
Initial problem: no reception, loud buzz. Check power supply, okay.
After a while, scanner starts being able to recieve signals, but
no squelch. Semi-random poking around with DVM, inconclusive.
Eventually figure out some of the circuit. uProcessor comes back
to life, can now program frequencies. (was trying to recieve DC,
ie 0.0 MHz). Then noticed that the scan function would hold a
frequency while a signal was present, but would resume scanning
when the signal went away. But audio would play loud hiss.
This told me that the signal strength detection was working, and
was telling the processor signal/no signal (squelch knob could vary
the threshold of this). Also tells me that the audio mute was
not working. Hunted and found the mute transistor (shorts audio to
ground when squelch goes on, or should). Found an electrolytic cap
electrically near the transistor and B+ had shorted out, and blew
out the base-emitter junction of the mute transistor. Replaced
both (scrounged off a junk PCB) and the squelch now mutes the audio.
Problem fixed. Noticed a voltage regulator gets a bit hot, but
still within limits, but heat sinked it anyway.

So, it's still possible to fix stuff sometimes. But if one of the
chips had blown, forget it....

194. Re: Pro 2006

Newsgroup: rec.radio.scanner
Date: 1994-08-04 23:50:40 UTC
From: djh@shell.portal.com
Message-ID: <31rusg$3ba@news1.svc.portal.com>
Source record: 270843

On Thu, 4 Aug 1994 17:33:54 GMT, Eric Ross wrote:
> The only way to selectively scan by group in a standard Pro-2006 is by
> enabling or disabling a bank of 40 memories. There has been more than
> a couple of comments about the banks being too big.
^^^^^^^^^^^^^^^^^^^

Huh? If you don't want to scan all of the channels in a bank, lock them out. Thus making the bank smaller...

> I would be interested in any comments about the OPTO board and software
> that would make this situation better.

For an extra $350 odd dollars, it should make it easier. But remember, this will bring the total cost of your radio to $700+ Maybe you should have bought something better to start with?

If I want to use my scanner, I do not want to use my computer (Which by the way is *not* at home - So that means I have to buy a computer too, make that $1700+ for a scanner) Forget it... They also do not have a Mac interface for the OPTO board (yet). I will wait till that becomes available before I even consider it..

I like my 2006 just the way it is, well a strength meter would be nice, but that is on it's way..

> --
> Eric Ross, WB7SDE | Hewlett-Packard Company, VPR
> ericr@vcd.hp.com | Vancouver, WA, USA
--
Darryl Harvey | Webster Computer Corporation
Email: djh@shell.portal.com | 2109 O'Toole Ave, Suite J
Phone: (408) 954 8054 | San Jose, CA 95131-1338
Fax: (408) 954 1832 | U.S.A.

195. Info wanted on PRO-31 scanner

Newsgroup: rec.radio.scanner
Date: 1994-08-04 23:54:41 UTC
From: andrew@deakin.edu.au
Message-ID: <31rv41$b4q@sol.ccs.deakin.edu.au>
Source record: 270865
Cross-posted to: aus.ads.wanted,alt.radio.scanner,rec.radio.scanner

I just recently bought a second hand pro-31.
It unfortunately came without a manual. I have a few questions which somebody hopefully can answer.
a) How long is the delay when delay button pressed and does it work in scan mode e ?.
b) How do I know when battery power is low ?.
c) Can I use any ordinary current limited power supply to recharge nicads ?. (Sales rep here said has internal charge cct for nicads is this true ?.)
d) Anyone in Oz got the manual that they could copy for me ?.
Thanks any answers appreciated.
--
Andrew Cerasuolo PHONE: (052) 271380
Faculty of Science & Technology Workshop FAX: +61 52 272326
Deakin University
Vic 3217, Australia EMAIL: andrew@deakin.edu.au

196. Mod needed

Newsgroup: rec.radio.scanner
Date: 1994-08-05 00:12:35 UTC
From: kerr@killerbee.jsc.nasa.gov
Message-ID: <31s05j$gij@pendragon.jsc.nasa.gov>
Source record: 270866

Does anyone have the cell mod for the Bearcat 350A. Thanks in advance.
Ted.

197. Frequency Publisher Arrested

Newsgroup: rec.radio.scanner
Date: 1994-08-05 00:16:39 UTC
From: bsherman@umbio.med.miami.edu
Message-ID: <31s0d7$gi7@miasun.med.miami.edu>
Source record: 270868

On July 22, 1994, the Fort Lauderdale police dept. arrested Jay Harris, whose real name is Francis James Harris, at 3:52 AM and charged him with prowling. He was caught digging through a garbage dumpster outside a Motorola facility.

Harris has for several years published a frequency directory book, which was even written about in the past in Monitoring Times. Harris also operated under the business name of "Frequency Intelligence Administration" in the Fort Lauderdale Florida area..

At the time of his arrest, Harris had with him a Motorola 800 Mhz radio that was programed for many systems including those of area law enforcement agencies. Police say the radio was fully able to transmit on police frequencies and took the radio into custody. Motorola is also concerned about how he got the trunked system information programed into the radio.

For those of you who like or demand full details, the police arrest case number is 94-115333, and Harrs date of birth is 11/10/68 and his SSN is 509-20-2672. His booking number at the Broward county Jail is 94-7343. He gave his home address as 5861 NW 46 Terrace in Fort Lauderdale.

All of the above information comes from public records, and I make no claims to its correctness.

198. Re: AR-8000 Reviewed Here!

Newsgroup: rec.radio.scanner
Date: 1994-08-05 00:20:39 UTC
From: gesman@io.org
Message-ID: <31s0kn$sg7@ionews.io.org>
Source record: 270856

In article <775915004snz@javiaton.demon.co.uk>,
Jonathan Clough <Clough@javiaton.demon.co.uk> wrote:
>In article <96@sapphire.win-uk.net> scollin@sapphire.win-uk.net writes:
>

>> RF and scanning performance
>> --------------------------
>> Bearing in mind the filter, SSB performance is still quite good on HF
>> allowing HF amateur radio and utility signals to be received clearly.
>> Frequency stability is excellent through the use of true SSB.
>
>Not as good as the MVT-7100 though in the time I've been playing
>with one. I have not really tried on AM brodcast but on USB the '
>7100 seems better. The first day I had one I plugged in 4.722KHz (
>which is RAF Volment weather)...on the '7100 with a telescopic
>antenna is was quite clear although the display show 1.5KHz offset
>(Ie 4.273.5'ish), trying the same frequency on the 8000 with the
>same antenna - not a tweak. I demod this to a customer yesterday
>with the same result.

One more thing about MVT-7100. I dropped mine about 5 times since I owned
one (accidentally). 2 times it dropped on the stone floor of a local store.
(what a lousy owner!). And it still working as perfectly as in the first day
I've got it.
Any similar comparison to AR-8000?

--
Gleb Esman.

199. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-05 00:22:13 UTC
From: dmunroe@vcd.hp.com
Message-ID: <Cu1D11.216@vcd.hp.com>
Source record: 270867

Steven Jackson <jackson@longlast.cs.nyu.edu> wrote:

>I was pulled over late one night and while fishing for
>my registration, he spotted the disassembled scanner in the
>glovebox. He asked if his freqs were programmed. I told him
>I didn't know (the truth) and that I had Philadelphia's
>still programmed from earlier in the evening. He assembled
>it, turned it on, and transmitted from his walkie on his
>belt. I warned him that there may be duplication in frequency
>assignments between Philly and there, but luckily there wasn't.

Scary. I like to listen to mall security and they have a mobile unit
that drives around. I used to have the scanner resting on the rim of
my steering wheel, with the rubber ducky easily visible. Once, the
mobile unit parked right next to me and I thought for sure he'd spotted
the scanner. Now I keep it down by the passenger footwell. At any
rate, if I see them getting a bit too close I'm always prepared to
switch off their bank and put something innocuous on, like the 2-meter
Ham band or aircraft/weather bands.

It's so damn silly the way some people get bent out of shape over
scanners. I know a few cops and one of them in particular really
hates them.

-Dave

I won't allow myself to be drawn into a debate about the alleged superiority
of Coors vs. Budweiser, but I *will* say that such a discussion would be a lot
like arguing the relative merits of gonorrhea and syphilis. -Geoff Miller
---

200. Re: PRO-43 performance: AC vs. batteries

Newsgroup: rec.radio.scanner
Date: 1994-08-05 01:25:22 UTC
From: garywils@netcom.com
Message-ID: <garywilsCu1FyB.JsB@netcom.com>
Source record: 270776

Also might try wraping the cord around the antenna.

201. Re: Frequency Publisher Arrested

Newsgroup: rec.radio.scanner
Date: 1994-08-05 01:48:41 UTC
From: randymira@delphi.com
Message-ID: <9408042147591.DLITE.randymira@delphi.com>
Source record: 270777

>On July 22, 1994, the Fort Lauderdale police dept. arrested Jay Harris,
>whose real name is Francis James Harris, at 3:52 AM and charged him
>with prowling. He was caught digging through a garbage dumpster outside
>a Motorola facility.

For some reason I thought that it was legal to take or go through someones garbage once it was thrown away? Also I don't think Jay Harris would appreciate it that someone has sent his social security number over the Internet for all to see. Public record or not!

Randy

202. Icom R7100 WEFAX modification

Newsgroup: rec.radio.scanner
Date: 1994-08-05 01:48:47 UTC
From: aj272@FreeNet.Carleton.CA
Message-ID: <Cu1H1B.Gzo@freenet.carleton.ca>
Source record: 270778

I want to receive wefax transmitions from geo- syncsink and low orbit
satellites.
The problem is that the R7100 has a wide band-pass of 250kHz and I require
a 30-40 kHz band pass. So the mod I am looking for will do just that,
replace (if possible) the very wide with a not so wide 40kHz. filter.
--

203. Re: Frequency Publisher Arrested

Newsgroup: rec.radio.scanner
Date: 1994-08-05 02:29:52 UTC
From: JLITTLEF@UGA.CC.UGA.EDU
Message-ID: <1700813C67.JLITTLEF@UGA.CC.UGA.EDU>
Source record: 270780

>For some reason I thought that it was legal to take or go through someones
>garbage once it was thrown away? Also I don't think Jay Harris would
>

It is legal to search through somebody's garbage once it is not on
private property unless, of course, you wear a badge and possess a
search warrant. However, taking something from the container is
another matter altogether.

204. Re: TCI frequencies ?

Newsgroup: rec.radio.scanner
Date: 1994-08-05 02:33:44 UTC
From: dstauffer@vax1.umkc.edu
Message-ID: <1994Aug4.203344.1@vax1.umkc.edu>
Source record: 270861
Cross-posted to: rec.radio.scanner,rec.video.cable-tv

In article <31j50n$dks@pandora.sdsu.edu>, pat@kiwi.sdsu.edu (Pat) writes:
> Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
>
> : They wouldn't communicate by cell phone would they?
>
> Could be...especially if they are using some type of modem terminals in
> their trucks.

Bet the farm that they use radios. It's much, much cheaper.

205. Re: Prime Cable of Chicago Freq.?

Newsgroup: rec.radio.scanner
Date: 1994-08-05 02:41:03 UTC
From: parnass@nwsp.ih.att.com
Message-ID: <Cu1JGF.A2M@nntpa.cb.att.com>
Source record: 270746

In article <CtyKD3.Kv3@rci.ripco.com>,
Paul Frank Covello <pfc@ripco.com> wrote:

>Does anyone have the frequency for Prime Cable of Chicago?
>or perhaps, Chicago Cable or perhaps TCI? Thanks alot!

Try these:

prime cable of chicago inc, 600 congress one american
[location?]_____ 811.8375_____kniv743 (govt rcds)
" " 812.8375_____kniv743 (govt rcds)
" [chicago]_____ 856.8375_____kniv743 (govt rcds)
" " 857.8375_____kniv743 (govt rcds)
prime cable of chicago inc., 600 congress one america
[chicago]_____ 3700.0000_____e7983 (govt rcds)
south chicago cable inc., p.o. box 5630
[chicago]_____ 3700.0000_____e910372 (govt rcds)
tci cablevision of wisconsin, pob 5630 terminal annex
[harvard]_____ 461.5750_____knbp571 (govt rcds)
" " 466.5750_mob_knbp571 (govt rcds)
tci growth inc. a nevada c,
[alton]_____ 3700.0000_____e4500 (govt rcds)
tci growth inc., call box 22595 wellshire
[carbondale]_____ 3700.0000_____wk78 (govt rcds)
" [dixon]_____ 3700.0000_____wh96 (govt rcds)
" [harrisburg]_____ 3700.0000_____wl40 (govt rcds)
" [herrin]_____ 3700.0000_____wj50 (govt rcds)
" [marion]_____ 3700.0000_____wj99 (govt rcds)
" [murphysboro]_____ 3700.0000_____wk47 (govt rcds)
" [oregon]_____ 3700.0000_____wn73 (govt rcds)
tci of illinois inc, call box 22595 wellshire
[belleville]_____ 461.7500_____kndv348 (govt rcds)
" " 466.7500_mob_kndv348 (govt rcds)
" [charleston]_____ 463.6750_____kwy281 (govt rcds)
" " 468.6750_mob_kwy281 (govt rcds)
" [collinsville]_____ 461.3750_____wnch426 (govt rcds)
" " 466.3750_mob_wnch426 (govt rcds)
" [macomb]_____ 461.2500_____knhy834 (govt rcds)
" " 466.2500_mob_knhy834 (govt rcds)
" [matton]_____ 464.9250_____kneu967 (govt rcds)
tci of illinois inc, po box 5630 terminal anne
[location?]_____ 806.0000_____kb34701 (govt rcds)
tci of illinois inc, pob 5630 terminal annex
[location?]_____ 468.3500_mob_wyj744 (govt rcds)
" " 468.7500_mob_wyj744 (govt rcds)

" [alton]_____ 463.8250_____wyt816 (govt rcds)
" " 468.8250_mob_wyt816 (govt rcds)
" [carbondale]_____ 461.8750_____kti992 (govt rcds)
" [dixon]_____ 152.3600_____kngq784 (govt rcds)
" [herod]_____ 463.3500_____wyj744 (govt rcds)
" [herrin]_____ 463.7500_____wyj744 (govt rcds)
" [near oregon]_____ 0.0000_____wcf542 (govt rcds)
" [onarga]_____ 461.2500_____wnbj783 (govt rcds)
" " 466.2500_mob_wnbj783 (govt rcds)
" [peru]_____ 461.0750_____knel503 (govt rcds)
" " 466.0750_mob_knel503 (govt rcds)
" [rock island]_____ 461.3750_____kzz359 (govt rcds)
" " 466.3750_mob_kzz359 (govt rcds)
" [wilmington]_____ 462.0250_____knel503 (govt rcds)
" " 467.0250_mob_knel503 (govt rcds)
tci of illinois inc, pob 5630
[location?]_____ 808.1125_____wnbg460 (govt rcds)
" [coal valley]_____ 0.0000_____wgv991 (govt rcds)
" [kankakee]_____ 0.0000_____wak405 (govt rcds)
" " 463.8500_____kwk365 (govt rcds)
" " 468.8500_mob_kwk365 (govt rcds)
" [makanda]_____ 461.2000_____wnmk676 (govt rcds)
" " 466.2000_mob_wnmk676 (govt rcds)
" [morris]_____ 463.9000_____knck774 (govt rcds)
" " 468.9000_mob_knck774 (govt rcds)
tci of illinois inc., box 5630 t.a.
[carlyle]_____ 3700.0000_____e881182 (govt rcds)
" [coal valley]_____ 3700.0000_____e2462 (govt rcds)
" [onarga]_____ 3700.0000_____e2170 (govt rcds)
" [skokie]_____ 3700.0000_____e6618 (govt rcds)
tci of illinois inc., p.o. box 5630 t.a.
[kankakee]_____ 3400.0000_____wd42 (govt rcds)
tci of illinois inc., p.o. box 5630 terminal a
[de soto]_____ 3700.0000_____e900075 (govt rcds)
" [mattoon]_____ 3700.0000_____e900076 (govt rcds)
" [rock island]_____ 3700.0000_____wb54 (govt rcds)
" [woodstock]_____ 3700.0000_____e900588 (govt rcds)
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

206. Re: Frequency Publisher Arrested

Newsgroup: rec.radio.scanner
Date: 1994-08-05 02:46:41 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cu1Jpt.Jv8@freenet.carleton.ca>
Source record: 270786

In a previous article, randymira@delphi.com (Randy Miramontez) says:

>
>>On July 22, 1994, the Fort Lauderdale police dept. arrested Jay Harris,
>>whose real name is Francis James Harris, at 3:52 AM and charged him
>>with prowling. He was caught digging through a garbage dumpster outside
>>a Motorola facility.
>
>For some reason I thought that it was legal to take or go through someones
>garbage once it was thrown away? Also I don't think Jay Harris would
>appreciate it that someone has sent his social security number over the
>Internet for all to see. Public record or not!
>
Prowling I believe is considered trespassing. I suspect if he found the
same info at the garbage dump no one would have cared. As the dumpster
is on private property...well as for grand theft garbage...well! esp.
@ 3:52am...
--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

207. Re: Posting of Cellular Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-05 02:51:41 UTC
From: kjn@netcom.com
Message-ID: <kjnCu1Jy6.C65@netcom.com>
Source record: 270787

Jim Wayda (jim@ttech.com) wrote:
: I want to express my appreciation of the postings pertaining to
: modification of currently available scanners. On the other side of the
: coin, I am concerned about the posting modifications to CURRENTLY available
: scanners on rec.radio.scanner.

: This will call undue attention to the radio
: by the FCC or any other legal agency that could be reading
: rec.radio.scanner, and is equivalent to posting a front page article on in
: the LA Times.
You give them too much credit...

There are already numerous publications that include much more *graphic*
data on the cellular mods than appear here. The FCC is fully aware of
the situtation.

: This will result in the elimination of the radio, or
: production of the crippled "A" model. In the case of current model scanners
: that have hidden test modes or possible mods, I suggest the following
: method of providing this information:

Trust me, the FCC does not need to rely upon rec.radio.scanner to decide
what radios are next on the hit list. We can thank the wonderful lobbyists
for special interest groups who have a lot more money than we can
collectively field, to study restorable circuits...

: 1. Post you request regarding modifications to rec.radio.scanner.

: 2. Ask for modifications (do not specifically ask for illegal
: modifications)

>>>>> MISINFORMATION ALERT <<<<<

At this point modifications are *not* illegal. Importing, & commercial
selling of cellular capable "scanners" (remember 4 channels a scanner
make...) are. But, you're free to modify to your hearts content.

Understand that _listening_ is a statutory violation. But really, aren't
you just checking the quality of your own cell phone signal to be sure
that the emissions are within the prescribed limitations as set forth by
the FCC? I know that is only reason that I *ever* dial up the cell band. :)

: 3. All replies regarding scanner modifications should be via E-Mail only.

Sure, anon servers also...

: There is an abundance of excellent information available on this newsgroup,

Yes there is and let's keep it coming!!!

: and we must all make an effort to ensure proper disemination of that
: information. Some scanners manfacturers have given us excellent options,
: and we do not want to loose them.

Face it. You've lost them! Any [easily] restorable unit is already taboo
(after April 1994). Stock on hand can be sold but that's it.
Well, you can still bring a unit back into the country yourself...

Now really, don't you just suppose that keeping a secret about xyz scanner
being restorable is counter productive... You've obviously been living in the
shadow of Groom Lake for way too long. Secrets can't be kept.

On the other hand. Unless you do something really stupid, no one's going
to know if you're listening to phones or not. You can hardly get a timely
response from an FCC field engineer for harmful interferrence, even when you
track down the culprit and give them the info. They just don't have the
budget anymore for frequency police. That's one of the reasons that the
ECPA is such a farce. They're going to rely upon words on paper with
virtually no enforcement to keep us off a specific block of frequencies!
Unless you're a ham who decides to use a sheriff frequency to call for
aid to an injured cyclist... Then they're going to throw the book at
you... go figure!

Sorry, it's not going to work. But neither will it go away. Bad laws tend
to stick around for a long time. Especially when they're aimed at a group of
hobbyists who are not likely to form a group and fight as a class. Most
of us still spin the dial wherever we want to. Do you really think they 're
going yell "FCC" and kick in your door, antennas drawn, and place you in the
Federal Frequency Delinquency Facility?

So go ahead and publish whatever you like. We *STILL* have that right!

: My $.02
plus change...

--
Ken Navarre
kjn@netcom.com

208. Re: PRO-2006 schematics

Newsgroup: rec.radio.scanner
Date: 1994-08-05 03:07:55 UTC
From: steven@sgb.oau.org
Message-ID: <Cu1Kp8.3nL@sgb.oau.org>
Source record: 270752

Jack Mc Gee (ev970@cleveland.Freenet.Edu) wrote:

: In a previous article, N.Ducor@frec.bull.fr (Nicolas Ducor) says:

: >I am looking for the RS PRO-2006 schematics. I know they are available from
: >RS parts center in the US, but unfortunately this service is not provided to
: >France and French RS stores. Are these schematics available in
: >electronic form on anon-ftp ? Could someone help ?

: Can you not call Tandy National Parts and order it with a credit card?
: I live in the US and would do that before I ordered it through the store.
: Tandy National Parts is in Ft. WOrth Texas. I don't have a phone number.

This is assuming that Tandy (US) will handle export of the parts (unfortunately not as simple as putting in a box and shipping).

Perhaps you simply need to ask the French service depot for Radio Shack equipment for "Le schematics", as they may be able to help... One other suggestion is take a trip to the UK and you *should* be able to get what you need there. Depending where you are located in France, that may be an option. In the UK they are the Tandy stores.

Steven

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steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

209. HELP: BC 200XLT manual

Newsgroup: rec.radio.scanner
Date: 1994-08-05 03:08:02 UTC
From: Jason C Miller <jmdk+@andrew.cmu.edu>
Message-ID: <4iEOoGa00WB316J2sR@andrew.cmu.edu>
Source record: 270775

I just got a the Bearcat 200xlt scanner... problem is I don't have a manual for it. I'm kinda on the clueless side of scanner use too. Does anyone know the number for Uniden's scanner dept (if they give/sell manuals)... or could someone be most gracious and photocopy (or scan, fax, teleport, etc) a manual for the 200xlt for me? It would make me a most truely happie person.

thanks
jason

|\\| Jason Miller |//| jmdk@cmu.edu CALL (412)/325-2036
|//| Mathematics/Information Systems |\\| jcm@sei.cmu.edu PAGE (800)/901-0840
|\\| Carnegie Mellon University |//| dyn@cs.cmu.edu FAX (412)/268-5758

Some call it Allah, Some call it Buddha,
Some call it Jesus, I call it love.

210. Re: WANTED: FREQs for western WI

Newsgroup: rec.radio.scanner
Date: 1994-08-05 03:14:52 UTC
From: parnass@nwsp.ih.att.com
Message-ID: <Cu1L0s.AAC@nntpa.cb.att.com>
Source record: 270788
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <31rmmt$98i@cs.uwp.edu>, Jeffery Shaub <shaub@cs.uwp.edu> wrote:
>I'm looking for FREQs for the LaCrosse area. Especially Mississippi
>River and Airport traffic.
>
>Thanks in advance.

ace telephone associ___[lacrosse]_____ 463.7502_____kmj493 (govt rcds)
aeronautical radio i___[la crosse]_____ 129.1250_air_kvy3 (govt rcds)
" " 129.8000_air_kse6 (govt rcds)
" " 130.0250_air_kvy3 (govt rcds)
" " 131.5500_air_kvy3 (govt rcds)
" " 131.6000_air_kny7 (govt rcds)
" [lacrosse]_____ 130.2000_air_kzl2 (govt rcds)
american general ser___[lacrosse]_____ 151.9250_____kngu927 (govt rcds)
american red cross_____[la crosse]_____ 463.3002_____wnly834 (govt rcds)
" " 468.3002_mob_wnly834 (govt rcds)
ardis company_____[lacrosse]_____ 855.8376_____wnbu646 (govt rcds)
arthur overgaard inc___[la crosse]_____ 47.5200_____kzz211 (govt rcds)
association of ameri___[lacrosse]_____ 935.8876_____wnla274 (govt rcds)
" " 935.9377_____wnla274 (govt rcds)
" " 935.9877_____wnla274 (govt rcds)
" " 936.8876_____wnla274 (govt rcds)
" " 936.9377_____wnla274 (govt rcds)
" " 936.9877_____wnla274 (govt rcds)
automotive supply co___[la crosse]_____ 151.6850_____wnmy447 (govt rcds)
backe communictions____[la crosse]_____ 462.6501_gmr_kad7806 (govt rcds)
bd. of regents, univ___[la crosse]_____ 450.8002_____kph325 (govt rcds)
" " 455.8002_mob_kph325 (govt rcds)
bd.of regents,univ.o___[la crosse]_____ 88.9000_____wlsu (govt rcds)
bernie j buchner inc___[la crosse]_____ 466.3503_mob_wzk718 (govt rcds)
bills pumping servic___[la crosse]_____ 151.8050_____wnhm240 (govt rcds)
bjerstedt, larry b_____[la crosse]_____ 151.6550_____wsj417 (govt rcds)
board of regents uni___[la crosse]_____ 947.8752_____wgw983 (govt rcds)
" " 948.1252_____wgw983 (govt rcds)
board of regents, un___[la crosse]_____ 949.8752_____wgw982 (govt rcds)
" " 950.1252_____wgw982 (govt rcds)
bob johnson oil co i___[la crosse]_____ 152.9000_____knax210 (govt rcds)
brennan marine inc_____[lacrosse]_____ 151.5800_____wnmh961 (govt rcds)
brooks tractor inc_____[lacrosse]_____ 463.8752_____kngg235 (govt rcds)
" " 468.8752_mob_kngg235 (govt rcds)
brown, alvin c_____[la crosse]_____ 151.9550_____wrq200 (govt rcds)
campbell, town of_____[lacrosse]_____ 154.1300_____wsw762 (govt rcds)
" " 155.3700_____kncc855 (govt rcds)

" " 155.7450_____kra762 (govt rcds)
cargill htg & air co___[la crosse]_________ 463.8752_____wnjh611 (govt rcds)
" " 468.8752_mob_wnjh611 (govt rcds)
cargill inc____________[la crosse]_________ 154.5150_____kncz974 (govt rcds)
center companies_______[la crosse]_________ 464.6752_____wrp760 (govt rcds)
" " 469.6752_mob_wrp760 (govt rcds)
century cellunet of____[la crosse]_________ 835.0202_____knka734 (govt rcds)
" " 880.0202_____knka734 (govt rcds)
" [lacrosse]__________ 835.0202_____knka734 (govt rcds)
" " 880.0202_____knka734 (govt rcds)
century telephone of___[la crosse]_________ 152.5100_____ksj806 (govt rcds)
" " 152.5400_____ksj806 (govt rcds)
" " 152.6000_____ksj806 (govt rcds)
" " 152.6600_____ksj806 (govt rcds)
" " 469.1501_mob_wnjz729 (govt rcds)
" [lacrosse]__________ 152.8400_____krs631 (govt rcds)
" " 461.4501_____kned547 (govt rcds)
coca cola bottling c___[la crosse]_________ 464.0251_____wncw470 (govt rcds)
" " 469.0251_mob_wncw470 (govt rcds)
community camera & t___[lacrosse]__________ 35.9400_____kjo539 (govt rcds)
csw, inc._____________[la crosse]_________ 152.1800_____knkd767 (govt rcds)
culligan of la cross___[la crosse]_________ 464.0251_____kbv372 (govt rcds)
" " 469.0251_mob_kbv372 (govt rcds)
curtin call communic___[la crosse]_________ 152.2400_____krs630 (govt rcds)
dairyland power coop___[la crosse]_________ 451.0502_____kok429 (govt rcds)
days inn of la cross___[la crosse]_________ 157.6350_____wnud911 (govt rcds)
dayton hudson corpor___[la crosse]_________ 154.5150_____wncy255 (govt rcds)
domke contractors in___[lacrosse]__________ 30.9200_____kez276 (govt rcds)
earl bonsack inc_______[lacrosse]__________ 159.6000_____wnkx259 (govt rcds)
educational communic___[la crosse]_________ 575.0002_____whlatv (govt rcds)
family group ltd., i___[la crosse]_________ 539.0002_____wlax (govt rcds)
" " 539.0002_____wlax (govt rcds)
family radio inc._____[la crosse]_________ 161.7600_____kpe655 (govt rcds)
" " 951.0002_____wbs384 (govt rcds)
family radio inc_______[la crosse]_________ 161.7600_____kqa833 (govt rcds)
" " 455.7001_mob_kpe653 (govt rcds)
family radio, inc._____[la crosse]_________ 93.3000_____wizmfm (govt rcds)
farmers coop supply____[la crosse]_________ 464.0251_____wnhk655 (govt rcds)
" " 469.0251_mob_wnhk655 (govt rcds)
federal express corp___[lacrosse]__________ 809.6127_____wnib871 (govt rcds)
" " 854.6127_____wnib871 (govt rcds)
fowler and hammer in___[lacrosse]__________ 468.6003_mob_kol413 (govt rcds)
foxmeyer of lacrosse___[wisconsin]_________ 151.7150_____kd24696 (govt rcds)
frank len inc__________[la crosse]_________ 151.6550_____knde646 (govt rcds)
g heileman brewing c___[lacrosse]__________ 153.0800_____kdf872 (govt rcds)
" " 153.1400_____wrx994 (govt rcds)
garbers, edwin e_______[lacrosse]__________ 461.4501_____wndu965 (govt rcds)
" " 466.4501_mob_wndu965 (govt rcds)
gateway foods inc______[la crosse]_________ 151.8650_____kqk399 (govt rcds)
gwc 106 inc____________[la crosse]_________ 154.5400_____kbs267 (govt rcds)

harter, joseph_____[la crosse]_____ 157.6800_____knak290 (govt rcds)
hemker oil co inc_____[la crosse]_____ 463.8752_____klp203 (govt rcds)
" " 468.8752_mob_klp203 (govt rcds)
hilltopper rubbish s___[lacrosse]_____ 463.8752_____wnlq200 (govt rcds)
" " 468.8752_mob_wnlq200 (govt rcds)
holiday inn of lacro___[lacrosse]_____ 154.5150_____wncn993 (govt rcds)
huffman trucking_____[la crosse]_____ 159.5100_____ksn290 (govt rcds)
ideal ready mix conc___[la crosse]_____ 153.0050_____kfj416 (govt rcds)
" " 461.2253_____knbl736 (govt rcds)
" " 466.2253_mob_wgl566 (govt rcds)
independent taxi_____[la crosse]_____ 152.3300_____wnhp630 (govt rcds)
" " 157.5900_____wnhp630 (govt rcds)
j f brennan co inc_____[la crosse]_____ 152.9300_____knfj830 (govt rcds)
jahn transfer inc_____[la crosse]_____ 463.7502_____wnhv293 (govt rcds)
" " 468.7502_mob_wnhv293 (govt rcds)
james e tucker inc_____[lacrosse]_____ 156.4250_mar_ksk377 (govt rcds)
" " 156.4500_mar_ksk377 (govt rcds)
" " 156.8000_mar_ksk377 (govt rcds)
jim stansfield vendi___[la crosse]_____ 31.2400_____wqk477 (govt rcds)
kammel excavating in___[la crosse]_____ 464.0251_____wrr608 (govt rcds)
" " 469.0251_mob_wrr608 (govt rcds)
kish & sons electric___[la crosse]_____ 464.9252_____knfq893 (govt rcds)
kttc television, inc___[la crosse]_____ 791.0002_____w67ch (govt rcds)
" " 791.0002_____w67ch (govt rcds)
la crosse concrete c___[ettrick]_____ 47.6800_____knfh743 (govt rcds)
" [tomah]_____ 47.6800_____knfd834 (govt rcds)
" [wisconsin]_____ 47.6800_____knfh743 (govt rcds)
la crosse lutheran h___[la crosse]_____ 152.4200_____wnct326 (govt rcds)
" " 155.2800_____kvt856 (govt rcds)
" " 155.3400_____kvt856 (govt rcds)
la crosse may b/cng____[near la cros]_____ 947.5000_____wil43 (govt rcds)
la crosse may broadc___[lacrosse]_____ 161.6400_____kf5055 (govt rcds)
la crosse plumbing s___[wisconsin]_____ 806.0000_____wnrv229 (govt rcds)
la crosse radio inc____[wisconsin]_____ 161.7300_____km7438 (govt rcds)
la crosse service ce___[wisconsin]_____ 806.0000_____wnqm668 (govt rcds)
la crosse veterinary___[la crosse]_____ 47.6600_____kcy563 (govt rcds)
" [onalaska]_____ 47.6600_____kcy563 (govt rcds)
la crosse, city of_____[la crosse]_____ 122.9500_air_kkc6 (govt rcds)
" " 154.2050_____kcx436 (govt rcds)
" " 155.1450_____wsl711 (govt rcds)
" " 155.6100_____ksa386 (govt rcds)
" " 155.6100_____wrl492 (govt rcds)
" " 173.3375_____wnfv889 (govt rcds)
" " 453.3752_____kxx494 (govt rcds)
" [lacrosse]_____ 158.7600_____kcy627 (govt rcds)
" [wisconsin]_____ 153.9950_____ka60764 (govt rcds)
" " 154.2050_____kcx436 (govt rcds)
" " 154.7100_____ka62367 (govt rcds)
" " 155.6100_____ka62367 (govt rcds)
" " 155.6700_____ka62367 (govt rcds)

" " 158.7600_____kcy627 (govt rcds)
" " 458.3750_mob_kxx494 (govt rcds)
la crosse, county of___[la crosse]_________ 151.0250_____knbt595 (govt rcds)
" " 155.3700_____wrb610 (govt rcds)
" " 155.4300_____wrb610 (govt rcds)
" " 155.4750_____wnqw373 (govt rcds)
" [west salem]________ 151.0250_____knbt595 (govt rcds)
" " 155.4300_____wrb610 (govt rcds)
" [wisconsin]_________ 155.3700_____wrb610 (govt rcds)
" " 155.4300_____wrb610 (govt rcds)
" " 155.5200_____wrb610 (govt rcds)
" " 155.8500_____wrb610 (govt rcds)
" " 159.0000_____knbt595 (govt rcds)
la crossee radio inc___[la crossee]________ 450.2502_____ka88609 (govt rcds)
lacrosse backhoe ser___[wisconsin]_________ 464.5249_____kd23649 (govt rcds)
lacrosse co hwy, input to 151.025, 131.8 pl
[lacrosse]__________ 159.0000_____call? (others)
lacrosse co hwy, rpts 159.000, 131.8 pl
[lacrosse]__________ 151.0250_____call? (others)
lacrosse co shf, input to 155.145 f3, 203.5 pl
[lacrosse]__________ 153.9950_____call? (others)
lacrosse co shf, input to 155.430, 203.5 pl
[lacrosse]__________ 155.8500_____call? (others)
lacrosse co shf, rpts 153.995 f3, 203.5 pl
[lacrosse]__________ 155.1450_____call? (others)
lacrosse co shf, rpts 155.850, 203.5 pl
[lacrosse]__________ 155.4300_____call? (others)
lacrosse concrete co___[wisconsin]_________ 49.5800_____kd27784 (govt rcds)
lacrosse fd, 203.5 pl__[lacrosse]__________ 154.1300_____call? (others)
lacrosse may b/cting___[la crosse]_________ 95.7000_____wspl (govt rcds)
lacrosse pd, input to 155.610, 203.5 pl
[lacrosse]__________ 154.7100_____call? (others)
lacrosse pd, rpts 154.710, 203.5 pl
[lacrosse]__________ 155.6100_____call? (others)
lacrosse scale servi___[wisconsin]_________ 806.0000_____wnki771 (govt rcds)
lacrosse, city of______[la crosse]_________ 155.8200_____knhs670 (govt rcds)
" " 155.8350_____knhs670 (govt rcds)
lacrosse, county of____[lacrosse]__________ 154.1300_____kcp853 (govt rcds)
" " 45.1600_____kwo482 (govt rcds)
" [west salem]________ 154.1300_____wyh508 (govt rcds)
" " 155.1450_____wsb717 (govt rcds)
" [wisconsin]_________ 153.9950_____wsb717 (govt rcds)
" " 154.1300_____kcp853 (govt rcds)
" " 155.4300_____ka60624 (govt rcds)
" " 155.5200_____ka60624 (govt rcds)
" " 155.8500_____ka60624 (govt rcds)
" " 45.1600_____kwo482 (govt rcds)
lacrossee cellular t___[la cross]__________ 825.0302_____knka659 (govt rcds)
" " 870.0302_____knka659 (govt rcds)
" [la crossee]________ 825.0302_____knka659 (govt rcds)

" " 870.0302_____knka659 (govt rcds)
" [wisconsin]_________ 825.0300_____knka659 (govt rcds)
" " 870.0300_____knka659 (govt rcds)
lee, cliff_____[la crosse]_____ 157.5600_____wrl930 (govt rcds)
marine radio inc_____[lacrosse]_____ 156.8000_mar_kwb425 (govt rcds)
" " 161.9000_mar_kwb425 (govt rcds)
mathy construction c___[la crosse]_____ 452.0751_____kda552 (govt rcds)
midwest bottle gas c___[la crosse]_____ 43.0600_____kxm507 (govt rcds)
" " 452.0502_____kxm507 (govt rcds)
" " 457.0502_mob_kxm507 (govt rcds)
mindemann trucking_____[la crosse]_____ 464.0251_____kngm995 (govt rcds)
" " 469.0251_mob_kngm995 (govt rcds)
mississippi docks in___[la crosse]_____ 156.5000_mar_whv887 (govt rcds)
" " 156.8000_mar_whv887 (govt rcds)
modern crane service___[la crosse]_____ 151.8350_____wqn368 (govt rcds)
motorola inc_____[la crosse]_____ 856.0126_____wnmw232 (govt rcds)
" " 857.0126_____wnmw232 (govt rcds)
" " 858.0126_____wnmw232 (govt rcds)
" " 859.0126_____wnmw232 (govt rcds)
" " 860.0126_____wnmw232 (govt rcds)
niebuhr plumbing & h___[la crosse]_____ 461.4501_____wnvb767 (govt rcds)
" " 466.4501_mob_wnvb767 (govt rcds)
niedfeldt trucking s___[la crosse]_____ 160.1850_____wso426 (govt rcds)
northern states powe___[la crosse]_____ 451.1003_____wnkm767 (govt rcds)
" " 451.1252_____wnkm767 (govt rcds)
" [lacrosse]_____ 153.4850_____kdm670 (govt rcds)
" " 153.5000_____kdm670 (govt rcds)
" " 158.2200_____wnas719 (govt rcds)
page call-central co___[lacrosse]_____ 152.1500_____knkj985 (govt rcds)
paper calmenson & co___[lacrosse]_____ 464.3251_____wnie220 (govt rcds)
pauls heating & air____[la crosse]_____ 151.6850_____kon541 (govt rcds)
pepsi cola bottling____[la crosse]_____ 35.9200_____kai978 (govt rcds)
quick clean up servi___[lacrosse]_____ 151.8950_____kkz215 (govt rcds)
racom corp_____[la crosse]_____ 463.7502_____knjk660 (govt rcds)
" " 468.7502_mob_knjk660 (govt rcds)
radisson la crosse_____[la crosse]_____ 151.7150_____kneh442 (govt rcds)
" [wisconsin]_____ 151.7150_____kneh442 (govt rcds)
ralphs standard inc____[la crosse]_____ 150.8900_____wsu495 (govt rcds)
rau corporation_____[la crosse]_____ 154.4900_____wra386 (govt rcds)
river city ready mix___[lacrosse]_____ 43.1400_____wnpd418 (govt rcds)
river steel incorpor___[la crosse]_____ 151.4900_itn_knev384 (govt rcds)
riverfest inc_____[la crosse]_____ 464.3002_____wnfx804 (govt rcds)
" " 464.6501_____wnfx804 (govt rcds)
" " 469.3002_mob_wnfx804 (govt rcds)
roadway express inc____[lacrosse]_____ 159.6300_____wnij365 (govt rcds)
safeway stores 75 in___[la crosse]_____ 464.4001_____kmj619 (govt rcds)
schmitz, robert j_____[la crosse]_____ 463.8752_____wnhr366 (govt rcds)
" " 468.8752_mob_wnhr366 (govt rcds)
schneider heating &____[la crosse]_____ 464.0251_____wdv680 (govt rcds)
" " 469.0251_mob_wdv680 (govt rcds)

scott, michael:scott___[la crosse]_________ 152.2700_____ksa538 (govt rcds)
" " 157.5300_____ksa538 (govt rcds)
sears roebuck & comp___[la crosse]_________ 466.6501_mob_wnlz397 (govt rcds)
" " 468.3503_mob_wnlz397 (govt rcds)
" " 469.1501_mob_wnlz397 (govt rcds)
shelby, township of____[la crosse]_________ 45.5600_____kdp440 (govt rcds)
skelgas_____________[lacrosse]__________ 463.8752_____wnni896 (govt rcds)
" " 468.8752_mob_wnni896 (govt rcds)
soo system radio com___[la crosse]_________ 160.7700_rr__wnna614 (govt rcds)
" " 160.7700_rr__wnnu307 (govt rcds)
" " 161.0850_rr__wnna614 (govt rcds)
" " 161.0850_rr__wnnu307 (govt rcds)
" " 161.3700_rr__wnna614 (govt rcds)
" " 161.3700_rr__wnnu307 (govt rcds)
" " 161.5200_rr__wnna614 (govt rcds)
" " 161.5200_rr__wnnu307 (govt rcds)
" " 928.0314_____wntg980 (govt rcds)
" " 952.0314_____wntg980 (govt rcds)
sparta lacrosse truc___[sparta]____________ 159.6450_____wst395 (govt rcds)
st francis medical c___[la crosse]_________ 151.8050_____kndz565 (govt rcds)
" " 155.2800_____kvt858 (govt rcds)
" " 155.3400_____kvt858 (govt rcds)
" [lacrosse]__________ 163.2500_pag_wzg328 (govt rcds)
st josephs equipment___[la crosse]_________ 151.9550_____key961 (govt rcds)
state of wisc.-educ.___[la crosse]_________ 90.3000_____whla (govt rcds)
stoeckly, don__________[la crosse]_________ 463.8752_____wnji490 (govt rcds)
" " 468.8752_mob_wnji490 (govt rcds)
strasser bus service___[la crosse]_________ 155.2200_____kef879 (govt rcds)
swanson heavy moving___[lacrosse]__________ 152.4200_____wnnl722 (govt rcds)
tak communications,____[la crosse]_________ 503.0002_____wxowtv (govt rcds)
ted mannstedt & son____[la crosse]_________ 464.9753_____knbr230 (govt rcds)
trane co_____________[lacrosse]__________ 462.2253_____kjd610 (govt rcds)
" " 467.2253_mob_kjd610 (govt rcds)
tri county electric____[la crosse]_________ 451.6752_____knge753 (govt rcds)
tri state ambulance____[la crosse]_________ 155.2350_____wxq906 (govt rcds)
" " 458.0126_mob_wxq906 (govt rcds)
university of wiscon___[la crosse]_________ 464.4252_____wnmg232 (govt rcds)
" " 464.7751_____knhe322 (govt rcds)
" " 469.7751_mob_knhe322 (govt rcds)
vaughn broadcasting____[la crosse]_________ 104.9000_____wlxrfm (govt rcds)
" " 161.7300_____kb97436 (govt rcds)
" " 948.5002_____wle203 (govt rcds)
" [lacrosse]__________ 450.2502_____kb97413 (govt rcds)
viterbo college________[la crosse]_________ 464.8752_____wnrl769 (govt rcds)
" " 469.8752_mob_wnrl769 (govt rcds)
w & r poured wall in___[lacrosse]__________ 461.4501_____wndc410 (govt rcds)
" " 466.4501_mob_wndc410 (govt rcds)
webster lumber compa___[la crosse]_________ 153.2900_____kndc433 (govt rcds)
winona lacrosse coac___[lacrosse]__________ 151.9250_____knhn699 (govt rcds)
" [wisconsin]_________ 151.9250_____knhn699 (govt rcds)

```
wisconsin, state of____[la crosse]_________ 151.1450_____knfy403 (govt rcds)
" " 151.2050_____knfy403 (govt rcds)
" " 151.3100_____knfy403 (govt rcds)
" " 151.3550_____knfy403 (govt rcds)
" " 154.0850_____ksk978 (govt rcds)
wozney, dean___________[la crosse]_________ 464.0251_____wnib223 (govt rcds)
" " 469.0251_mob_wnib223 (govt rcds)
young broadcasting o___[la crosse]_________ 183.0000_____wkbt (govt rcds)
--
================================================================================
```
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

211. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-08-05 03:19:13 UTC
From: steven@sgb.oau.org
Message-ID: <Cu1L84.3sG@sgb.oau.org>
Source record: 270823

bill nelson (billn@hpcvaac.cv.hp.com) wrote:
: steven@sgb.oau.org (Steven Bradley) writes:

: : I also believe that instructions for TV descamblers an related kits
: : would fall under this same false belief. IF that were so, why did
: : the cable industry NOT lobby to have the FCC approval pulled on those
: : "kits" too!?!?!?

: Probably because they found it more profitable to simply sue the people who
: used the kits for Theft of Service - and collecting double or triple damages.

Yes, but they would be as likely as to be found -using- the device as
a person would be caught -listening- to cellular telephone calls. I
believe to do this, they would need to come in breaking down the door
yelling "Raid!" while the device was switched on and in use. Just
suspecting, or looking at it when its not turned on, even though it
may be present, would not hold up in court -- as use would not be
provable -- and I can see it now -- a judge signing a search warrant
because they believe a converter may be in use... HA HA...

When I get mine (which I may one day do), I will have it come to my
company address, such that they would not even have the benefit of
an address from the company records to help them!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

212. Pro 41

Newsgroup: rec.radio.scanner
Date: 1994-08-05 03:46:08 UTC
From: smanley@nyx10.cs.du.edu
Message-ID: <31scm0$psm@nyx10.cs.du.edu>
Source record: 270862

Does anyone have and mods / undocumented features for the PRO-41 scanner?
I checked a few FTP sites and didn't find anything. Found it for 40% off,
guess RS is giving them the boot. Thanks for any help.

---------------------------+---
Stephen Manley | "Got a one way ticket on your last chance ride
smanley@nyx.cs.du.edu | a one way ticket and there's no way out alive"
Email welcome! <no flames> | - Guns n Roses
PGP Public Key on Request | "Coma"

213. Re: Wanted, Kenwood RZ-1 mods

Newsgroup: rec.radio.scanner
Date: 1994-08-05 04:17:52 UTC
From: mpage@netcom.com
Message-ID: <mpageCu1nxt.IGx@netcom.com>
Source record: 270839
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.equipment,alt.radio.scanner

Todd Wilburn (toddw@connected.com) wrote:
: Tom WB7ASR (tom_boza@ccm.hf.intel.com) wrote:

: : Does anyone have "any" mods for the Kenwood RZ-1 scanner?
: : If so, I would appreicate copies of them.

: try FTP oak.oakland.edu
: /pub/hamradio/mods/kenwood

: The RZ-1 might be there...It's a good source of mods

Tom, if you find any mods that are worthwhile, let me know, too. I have 2
RZ-1's and they are great. I would buy any used one I could find. 73 Tom KI6BL
--
==========
Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
MEDIA PAGE
Internet: mpage@netcom.com Breaking Stories to the
CIS: 71674,1610 News Media since 1978
==========

214. Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-08-05 04:28:08 UTC
From: redman@ucsub.Colorado.EDU
Message-ID: <Cu1oEx.KtL@cnsnews.Colorado.EDU>
Source record: 270841

If possible, could I get someone to email a list of
frequencies used by law enforcement and other
emergency services in MIssoula, MT and/or
Spokane, WA?

I'm traveling up there in a few weeks and
plan to bring my portable scanner.

Thanks in advance

Marc Redman KB7NPV (No Personal Values)

redman@ucsub.colorado.edu

215. Re: Motorola Sabre handheld.

Newsgroup: rec.radio.scanner
Date: 1994-08-05 04:56:07 UTC
From: GWOODY@maestro.maestro.com
Message-ID: <Cu1ppK.E13@maestro.maestro.com>
Source record: 270789

Paul Gunn (pgunn@alkali.otago.ac.nz) wrote:
: The Police in my area apparently use Motorola Sabre portables. Can anyone
: give me anymore details on them ?

Paul,
Motorola makes many types of Saber handheld radio. They can be ordered in a variety of configurations, too. Generally, they cover the VHF-HI band (135-174MHz), UHF band (406-512MHz), 800MHz band - Saber SI model (which can be conventional or trunked), and I've seen them in the 72-75MHz range. There are basically 3 models: Saber I, which is 12 channel and very few bells and whistles, Saber II, which is up to 72 channels, lcd alpha-numeric display and keypad control, and the Saber III, which is the top-of-the-line model with up to 120 channels, scanning, lcd display, keypad control, and much more.
All are IBM-PC programmable with proper software and interface, which can be obtained from Motorola. The Saber SI, however, must be programed by Motorola, because special authorization is required to operate on 800MHz trunked channels.

-Gene

****
* gwoody@maestro.com nrmy23a@prodigy.com wa2bcm *
****
--
****
* gwoody@maestro.com nrmy23a@prodigy.com wa2bcm *
****

216. Re: AOR8000 Price???

Newsgroup: rec.radio.scanner
Date: 1994-08-05 05:12:59 UTC
From: Reid.G
Message-ID: <Reid.G-0408942112590001@17.127.11.205>
Source record: 270840
Cross-posted to: rec.radio.amateur.equipment,alt.radio.scanner,rec.radio.scanner

In article <feustelCtwqGM.rI@netcom.com>, feustel@netcom.com (David
Feustel) wrote:

> Does anyone know the list price of the AOR8000 and when it will be
> available in the U.S? Thanks.
>
> --
> Dave Feustel N9MYI Internet:<feustel@netcom.com> Compuserve:<73532,1747>
>
> Hilary Rodham Clinton: A 20th Century Lady MacBeth?

I hear it will be around $650. When ? your guess is a good as mine.

Greg RotnApple Reid
RotnApple

217. Re: My $.02 on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-08-05 05:25:28 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <31sig8$ra2@freenet3.scri.fsu.edu>
Source record: 270728

Wwhitby (wwhitby@aol.com) wrote:
: Maybe I'm just being no paranoid, but it seems the only way scanner laws
: would work is if the FCC started doing house-to-house raids to confiscate
: our scanners.
: Warren Whitby
: wwhitby@aol.com
: 73s de KE4ITL
Don't forget those old TV's that go up to CH.83!

chuck62@freenet.fsu.edu

218. Re: Info wanted on PRO-31 scanner

Newsgroup: rec.radio.scanner
Date: 1994-08-05 05:34:37 UTC
From: DPalmer@ix.netcom.com
Message-ID: <31sj1d$8ip@ixnews1.ix.netcom.com>
Source record: 270864
Cross-posted to: aus.ads.wanted,alt.radio.scanner,rec.radio.scanner

In <31rv41$b4q@sol.ccs.deakin.edu.au> andrew@deakin.edu.au (Andrew Cerasuolo) writes:

>
>I just recently bought a second hand pro-31.
>It unfortunately came without a manual. I have a few questions which somebody hopefully
> can answer.
>a) How long is the delay when delay button pressed and does it work in scan mode e ?.
When you 'delay' a channel, the decimal point after the channel number shows, and
the scanner will wait aprox 2 seconds before resuming scanning. To UNdelay a channel,
push DELAY again. Individual channels may be delayed. You must push DELAY while the
scanner is stopped on a channel, or in Manual mode.

>b) How do I know when battery power is low ?.
Three decimal points in the KHz range of the frequency display (123.4.5.6.) indicate
low battery.

>c) Can I use any ordinary current limited power supply to recharge nicads ?.
(Sales rep here said has internal charge cct for nicads is this true ?.)
Yes. I use the AC Adaptor to recharge the nicads. Just plug it into the 'CHG' jack.
I don't recommend doing this when using a 12vdc 'car adaptor', once when I turned the
ignition off and left the scanner plugged in, it sent voltage to adaptor, and it got
a little warm..no harm came of it though.

>d) Anyone in Oz got the manual that they could copy for me ?.
aye!

--

David Palmer DPalmer@ix.netcom.com
Monterey, California 4108@mgs.com
MPTV Cable, Western Communications

219. Re: My $.02 on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-08-05 05:41:56 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Aug5.054156.20871@hpcvaac.cv.hp.com>
Source record: 270850

wwhitby@aol.com (Wwhitby) writes:
: Maybe I'm just being no paranoid, but it seems the only way scanner laws
: would work is if the FCC started doing house-to-house raids to confiscate
: our scanners.

They already have the precedent - with the drug searches based strictly on
anonymous phone calls.

Bill

220. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-08-05 05:43:56 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <31sjis$7t@freenet3.scri.fsu.edu>
Source record: 270730

Andy Domonkos (domonkos@access.digex.net) wrote:
: In article <1994Jul31.070125.1526@hpcvaac.cv.hp.com>, bill nelson wrote:
: > That was rather silly of Radio Shack. The should have told that posturing
: > idiot in New Jersey to shove his letter in his own ear.
: > New Jersey may be one of the states which has banned scanners from automobiles,
: > laws which have not been tested in the Supreme Court - but are likely to be
: > thrown out when they are. However, the scanners are FCC approved. As such,
: > they cannot ban them - in general - due to the FCC preemption.
: > Radio Shack, unfortunately, seems to have been all in favor of the cellular
: > ban. They certainly did not fight it.
: > Bill
: New Jersey comes about as close to a Gestapo state as it gets here. I
: escaped from New Jersey years ago. The Jersey legislators are considering
: a $500 tax/transmitter antenna for 'environmental' safety reasons. That
: would have included CB, ham, and commercial sites. If that's not trying
: to restrict an individuals communications rights/priviledges...
: I think if that law would come into being you'd see indoor attic antennas
: become a boom industry.

: Andy
I can believe what you say about Joisey. I just heard about a guy who
killed a rat with a broom, was reported to the Humane Society, and hauled
into court there!
Here in Florida, you're not allowed to have a scanner "mounted" in your
vehicle. It's just fine to have one laying on your seat though!

chuck62@freenet.fsu.edu

221. Re: Posting of Cellular Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-05 05:55:38 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Aug5.055538.20944@hpcvaac.cv.hp.com>
Source record: 270851

kjn@netcom.com (Ken Navarre) writes:

: So go ahead and publish whatever you like. We *STILL* have that right!

The way the country is tending - don't count on retaining that right for
much longer.

Bill

222. Re: What if you hear ille

Newsgroup: rec.radio.scanner
Date: 1994-08-05 05:59:34 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Aug5.055934.21024@hpcvaac.cv.hp.com>
Source record: 270852

domonkos@access.digex.net (Andy Domonkos) writes:
:
: Depends on your moral standard. If you see someone attacked on the street
: and you do nothing, well no comment on the type of individual you are. If
: you're the type to get involved and save a life, stop a crime, hats off
: to you. I'm the get involved, stay anonymous if possible type. I sleep
: easier at night.

The police say it is usually best to not get involved. If you do, there are likely to be two victims, instead of just one.

Whether I would intervene depends on whether there is a victim or not. I certainly would not interfere in victimless crimes, such as prostitution, drug selling (unless to children), gambling, playing with fireworks etc.

Bill

223. Re: PRO-43 performance: AC vs. batteries

Newsgroup: rec.radio.scanner
Date: 1994-08-05 06:02:26 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Aug5.060226.21089@hpcvaac.cv.hp.com>
Source record: 270853

tharrell@nmsu.edu (Thomas J. Harrell) writes:
: Charles Copeland (copeland@metronet.com) wrote:
: : >: My Pro-43 receives signals in the 40-50 MHz range much better when
: : >: running off the AC adapter instead of batteries (rechargeable NiCads
: : >: or alkaline). Why?
: : >
: : >Mine has the same behavior.
:
: : Mine also has the same behavior. Even with a discone attached when
: : battery operated, AC operated works better with just the ducky on 46mhz.
:
: My 43 also behaves the same - but it isn't limited to just VHF-Lo reception.

It is possible that the output voltage of the power supply is higher than that
of the batteries. This is very likely, when compared to NiCads.

Bill

224. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-05 10:42:06 UTC
From: randolph@est.enet.dec.com
Message-ID: <31tjdo$sdr@mrnews.mro.dec.com>
Source record: 270872

In article <Cu1D11.216@vcd.hp.com>, dmunroe@vcd.hp.com (Lola Cosworth) writes...
>It's so damn silly the way some people get bent out of shape over
>scanners. I know a few cops and one of them in particular really
>hates them.

Police: to protect and to serve. Oh brother.

BTW, I don't usually get too worked up about mall security guards or whatever.
What are they gonna do, arrest ya? At least around here, such have no authority
whatsoever other than to call the cops.

I also have a ham ticket, so I have US FEDERAL GOVERNMENT LICENSE to use
radios. Haven't needed to use that line yet, but it's nice to have ready.

-Tom R. N1OOQ randolph@est.enet.dec.com

225. Service Manual for MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-08-05 10:58:54 UTC
From: klimasewski@fccvde.enet.dec.com
Message-ID: <31tk7m$1fo@mrnews.mro.dec.com>
Source record: 270874

Anyone have a service manual for the MVT-7100?

Ken

226. Pro-43 still restorable?

Newsgroup: rec.radio.scanner
Date: 1994-08-05 12:11:28 UTC
From: schroederk@rcwusr.bp.com
Message-ID: <1994Aug5.081128.947@rcwusr>
Source record: 270797

I'm wondering if the newest of the Radio shack Pro-43's is still modifiable? I looked at one last night, and D-4 is not present. If this is the case, how can you tell from looking at the outside if the radio is modifiable? I know the new ones have "Radio Shack" on the front of them, and I think the older ones had "Realistic" on the front. Is this a reliable way to tell the difference? Are all of the formerly restorable radios labeled in the same way? Thanks for the advice....

Kev

227. RS 2032, Comments?

Newsgroup: rec.radio.scanner
Date: 1994-08-05 13:43:03 UTC
From: kay@rtsg.mot.com
Message-ID: <31tfl7$2c4@delphinium.cig.mot.com>
Source record: 270733

I received a Radio Shack 2032 scanner as a gift. I haven't really investigated the market and would like to know if there are any major bugs with this model. Already I've seen stuff on image frequencies. Is this standard behavior or is this defective. Also, does anyone know if there is a way to restore cellular to it or other performance enhancing mods? What about schematics?

Thanks in advance.

John

--
John C. Kay Motorola
kay@rtsg.mot.com Cellular Infrastructure Group
Amateur Radio Callsign WV9T Arlington Heights, IL

228. Uniden Sportcat Vs Bc200x

Newsgroup: rec.radio.scanner
Date: 1994-08-05 14:32:00 UTC
From: dominic.post@woodybbs.com
Message-ID: <93.432.7592.0NFB2D1A@woodybbs.com>
Source record: 270790

```
CL>feature (The 200XLT has a few more channels.) Can anyone offer
CL>any advice on which may be better? Is the Sportcat modifiable
CL>for extra freqs?

Sportcat is not modifiable
The BC200XLT is.
---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

--- QScan v1.067b
* Origin: B.F.W.K The Home of "Amateur Radio" (1:107/594)
```

229. Re: 46 mhz log periodic antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-05 16:54:12 UTC
From: stes@wcsn.csms.com
Message-ID: <913@wcsn.csms.com>
Source record: 270753

Find an inexpensive VHF only (or VHF-UHF w/UHF removed) Television antenna
of the type Radio Shack sells.

Add preportionally larger elements on the back end.

I haven't tried it myself, but it would be a fun experiment if
you want to cut and try.

Theory:

Channel 2 is 50 Mhz. ... longer elements will extend the frequency range
downward.

Perhaps someone else can add to this.

i.e. Estimate frequency of 1...2...etc additional elements?

73 de stes@wcsn.csms.com

Robert L. Stessel WCSN - Monitor Radio International
Station Manager Scotts Corners, Maine, USA

230. Re: Choppers Overhead!!

Newsgroup: rec.radio.scanner
Date: 1994-08-05 17:15:42 UTC
From: pkopp@cybernet.cse.fau.edu
Message-ID: <VsHLqc1w165w@cybernet.cse.fau.edu>
Source record: 270781
Cross-posted to: alt.radio.scanner,rec.radio.scanner

lasix@netcom.com (Patrick Springer) writes:

> Last night (as with many nights in LA) there were cop choppers
> circling my area. I tried scanning a range from 130-180 and didn't come
> up with anything. Could someone guide me a little. I do have Police Call
> but it doesn't get specific about helicopters. I would like to knoe why
> they are circling and if they lose the chase... (get my gun!)

The choppers can be found on whatever frequency your police department
uses. The chopper units are referred to as "papa" units.

Paul

231. Beware of Marymac!

Newsgroup: rec.radio.scanner
Date: 1994-08-05 17:34:02 UTC
From: georgem1@aol.com
Message-ID: <31tt6a$aul@search01.news.aol.com>
Source record: 270779

On June 21, I called up Marymac to order a RS Pro 43 scanner. I specifically told the salesperson that I wanted a cellular modifiable Pro 43. The salesperson said "Yes, it is cellular modifiable." So, I ordered one. A week later, the scanner arrived; I opened it up and looked for diode D4. It wasn't there! I called up Marymac and told them what the problem was. The guy says that Marymac would never tell anyone that their scanners were modifiable. I was shocked. He went on to say that if I send it back, then there would be a 20% restocking fee, too!

Needless to say I was pissed. Now I'm stuck with a Pro 43 that can't scan cellular. I might as well have purchased a cheaper scanner like the Pro 39 or the new 51.

Those are the facts. So, BEWARE OF MARYMAC.

George :-(

232. Request Info on Pro 51 Specs

Newsgroup: rec.radio.scanner
Date: 1994-08-05 18:04:39 UTC
From: bjm@col.hp.com
Message-ID: <31tuvn$1a4@hp-col.col.hp.com>
Source record: 270785

Does anyone have specifications on the new RS Pro-51 scanner. Basically, I would like to know how it compares to the Pro-43 as far as:

- triple conversion or double conversion receiver

- frequency range comparisons

- possible mods

I called my local RS dealer and he did not have any info! Thanks in advance!

73,

Brent KB0LUE

bjm@col.hp.com

233. Re: Pro 2006

Newsgroup: rec.radio.scanner
Date: 1994-08-05 19:38:55 UTC
From: jqtaylor@boi.hp.com
Message-ID: <Cu2uKx.MBC@boi.hp.com>
Source record: 270784

Robert Lee (bobl@netcom.com) wrote:
: Is there way to program groups of freqs on the 2006 so that you tell
: the unit to scanner one group of freq at a time.

No one seems to understand your question. The answer is "no" if you only have one scanner. (Shame on you!) But, not to worry! Here is what you *can* do. You *can* enable the memory banks you wish to scan at a later time, then set a timer on the power cord to the scanner, and then set the scanner to MANUAL on ONE frequency. In this way, you can log traffic on ONE channel unattended and switch to the SCAN mode at a certain time, because the scanner "wakes up" in scan mode.

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MDT = GMT - 6) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 230 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

234. Pirate Cell Radio

Newsgroup: rec.radio.scanner
Date: 1994-08-05 19:43:10 UTC
From: jqtaylor@boi.hp.com
Message-ID: <Cu2urz.MFy@boi.hp.com>
Source record: 270820

Has anyone anywhere started a pirate radio cell station? Here's my idea. First, you have to have some money and no life. Then, use an hour of air-time every night to broadcast your own show over the airwaves. Of course it's really anti-pirate, because it's legal to broadcast (you paid for the phone and air time) but illegal to listen! You could do QSLs and everything! No DX though... Has anyone ever done this? Just curious...

--
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Mailstop 230 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

235. Re: What if you hear illegal activities?

Newsgroup: rec.radio.scanner
Date: 1994-08-05 20:40:08 UTC
From: gbelton@cris.com
Message-ID: <zpfGkasteQgM065yn@cris.com>
Source record: 270783
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <gradyCtzGMF.Hyz@netcom.com>, Grady Ward wrote:
> The opposite of the thread's question is fun to do: use a cordless phone
> and make up a fictitious major 'crime' like a major drug deal, murder,
> child molestation, etc. and give specific instructions on the address.

> Then carefully observe from a distance who shows up...

This does sound like a lot of fun.

Just remember to do this using **someone else's** cordless phone.

If you do this from your own phone, you are going to be getting a LOT of parking tickets for a while. The cops will be watching you like a hawk, just waiting for you to screw up. Either because they think you are really a drug dealer, murder, child molester, etc. or because they know that you got a big laugh out of screwing them.

236. Shuttle Frequencies, So. California

Newsgroup: rec.radio.scanner
Date: 1994-08-05 21:20:43 UTC
From: jim@ttech.com
Message-ID: <jim-050894132043@jimsmac.ttech.com>
Source record: 270792
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur

Could someone pleases post or E-Mail me the 2 meter and 440 amateur repeater frequencies that are used to rebroadcast space shuttle transmissions in the Southern California area. I am in the Anaheim area (specifically Yorba Linda)

thanks,

-Jim

237. Re: Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-08-05 21:29:31 UTC
From: ez840@cleveland.Freenet.Edu
Message-ID: <31uavr$nhl@usenet.INS.CWRU.Edu>
Source record: 270736

In a previous article, redman@ucsub.Colorado.EDU (M. Alan Redman) says:

>If possible, could I get someone to email a list of
>frequencies used by law enforcement and other
>emergency services in MIssoula, MT and/or
>Spokane, WA?
>
> I'm traveling up there in a few weeks and
>plan to bring my portable scanner.

I will second your request...

238. ICOM R1 Wanted

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:04:19 UTC
From: jeffb@ne.logica.com
Message-ID: <Cu2t59.Gy1@carmen.logica.co.uk>
Source record: 270782
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Looking for a used ICOM R1, must be in excellent condition, with owners manual, and original documentation, and the owner must be desperate to sell ;-)

Whats the best price anyone has seen one new for?

Thanks

jeffb@ne.logica.com

239. DEA (Updated) 1/2

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:06:00 UTC
From: roger.cravens@pics.com
Message-ID: <5391.449.uupcb@pics.com>
Source record: 270799

For those who want to know, these ought to keep everyone rather happy
who has an interest in this particular agency....

Drug Enforcement Administration
.....
The DEA sharea concurrent jurisdiction with FBI over
drug offenses. The Administrator, DEA, reports to the
Attorney General through the Director, Federal Bureau
of Investigation (FBI).
.....

120.3750 DEA AIRCRAFT
120.7750 DEA AIRCRAFT
156.7000 DEA NATIONWIDE CTCSS
163.1850 DEA
163.5350 DEA
164.8250 DEA
165.2350 DEA
165.2600 DEA
165.2850 DEA
170.9000 DEA ACADEMY, VA
171.4500 DEA ACADEMY, VA
171.4500 DEA AIR SURVEILLANCE CHOPPER IN/AROUND ATLANTA, GA
171.4500 DEA NATIONAL ASSINGMENTS (VARIOUS USES)
171.6500 DEA NATIONAL ASSINGMENTS (VARIOUS USES)
172.0000 DEA NATIONAL ASSINGMENTS (VARIOUS USES)
172.1000 DEA NATIONAL ASSINGMENTS (VARIOUS USES)
172.0500 DEA
172.2000 DEA NATIONAL ASSINGMENTS (VARIOUS USES)
172.3000 DEA NATIONAL ASSINGMENTS (VARIOUS USES)
173.0000 DEA TO FBI (?)
281.4000 DEA AIRCRAFT
411.1250 DEA LOCAL SYSTEMS INPUT TO 419.2500
413.9750 DEA LOCAL SYSTEMS INPUT TO 417.7500
413.9750 DEA LOCAL SYSTEMS INPUT TO 419.2250
414.1250 DEA JOINT TASK FORCE (JTF)
414.4250 DEA JOINT TASK FORCE (JTF)
414.4250 DEA LOCAL SYSTEMS INPUT TO 419.2750
414.5250 DEA CHANNEL 11 STRIKE FORCE - TACTICAL
414.5250 DEA LOCAL SYSTEMS INPUT TO 419.3000
414.6000 DEA LOCAL SYSTEMS INPUT TO REPEATER 419.2000
415.6000 DEA CHANNEL 03 STRIKE FORCE INPUT TO REPEATER 418.8250
416.0500 DEA CHANNEL 01 STRIKE FORCE INPUT TO REPEATER 418.6250
416.2000 DEA CHANNEL 06 STRIKE FORCE INPUT TO REPEATER 418.9500
416.3250 DEA CHANNEL 02 STRIKE FORCE INPUT TO REPEATER 418.9000

416.3750 DEA LOCAL SYSTEMS REPEATER TO 418.7750
416.6000 DEA
417.0250 DEA CHANNEL F-7 OPERATIONS INPUT TO 418.9750
417.0400 DEA
417.1750 DEA JOINT TASK FORCE
417.4000 DEA JOINT TASK FORCE (JTF)
417.4000 DEA LOCAL SYSTEMS INPUT TO 419.0000
417.4500 DEA
417.5000 DEA
417.5500 DEA
417.7500 DEA CHANNEL 09 REPEATER FOR 413.9750
417.7500 DEA CAR-TO-CAR
418.0500 DEA CHANNEL 10
418.0750 DEA CHANNEL 11 INTERAGENCY COMMON
418.1750 DEA CHANNEL 08 STRIKE FORCE - TACTICAL
418.1750 DEA CAR-TO-CAR SURVEILLANCE FREQS SHARED WITH I.R.S.
418.2000 DEA CAR-TO-CAR SURVEILLANCE FREQS SHARED WITH I.R.S.
418.2250 DEA CAR-TO-CAR SURVEILLANCE FREQS SHARED WITH I.R.S.
418.5000 DEA AIR/GROUND
418.5500 DEA
418.5750 DEA TO US COAST GUARD
418.6250 DEA CHANNEL 01 STRIKE FORCE REPEATER FOR 416.0500
418.6500 DEA CAR-TO-CAR SURVEILLANCE FREQS SHARED WITH I.R.S.
418.6750 DEA CHANNEL 04 STRIKE FORCE - TACTICAL
418.6750 DEA CAR-TO-CAR
418.7000 DEA
418.7250 DEA
418.7500 DEA CHANNEL 03 STRIKE FORCE - TACTICAL (INPUT TO 415.6000)
418.7500 DEA CAR-TO-CAR
418.7750 DEA LOCAL SYSTEMS REPEATER FOR 416.3750
418.8000 DEA CHANNEL 01 CAR TO CAR
418.8250 DEA CHANNEL 05 STRIKE FORCE REPEATER FOR 415.6000)
418.8750 DEA
418.9000 DEA CHANNEL 02 SURVIELANCE REPEATER FOR 416.3250
418.9250 DEA
418.9500 DEA CHANNEL 06 STRIKE FORCE REPEATER FOR 416.2000
418.9750 DEA CHANNEL 07 STRIKE FORCE REPEATER FOR 417.0250
418.9750 DEA CAR-TO-CAR
419.0000 DEA LOCAL SYSTEMS REPEATER FOR 417.4000
419.2000 DEA LOCAL SYSTEMS REPEATER FOR 414.6000
419.2250 DEA LOCAL SYSTEMS REPEATER FOR 413.9750
419.2500 DEA CHANNEL 09 STRIKE FORCE - TACTICAL
419.2500 DEA LOCAL SYSTEMS REPEATER FOR 411.1250
419.2750 DEA LOCAL SYSTEMS REPEATER FOR 414.4250
419.3000 DEA LOCAL SYSTEMS REPEATER FOR 414.5250
419.3750 DEA CHANNEL 12 STRIKE FORCE - TACTICAL
419.9500 DEA
816.8125 DEA FLORIDA-MOBILE

(Continued to next message)

. QMPro 1.52 . Anatomically Correct means weighing over 600 pounds.

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240. DEA (Updated) 2/2

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:06:00 UTC
From: roger.cravens@pics.com
Message-ID: <5392.449.uupcb@pics.com>
Source record: 270800

(Continued from previous message)

817.8125 DEA FLORIDA-MOBILE
818.8125 DEA FLORIDA-MOBILE
819.8125 DEA FLORIDA-MOBILE
820.8125 DEA FLORIDA-MOBILE
861.8125 DEA FLORIDA-BASE
862.8125 DEA FLORIDA-BASE
863.8125 DEA FLORIDA-BASE
864.8125 DEA FLORIDA-BASE
865.8125 DEA FLORIDA-BASE

High Intensity Drug Trafficking Area (HIDTA)
.....
This is a multi-agency task force which targets highly
sophisticated drug traffickers and money launderers.
Principal areas of operation include New York, Miami,
Los Angeles, Houston, and the Southwest border areas.
(Recently this may also include Atlanta)
.....
412.0000 DEA HIDTA REPEATER FOR 417.1250
412.1250 DEA HIDTA REPEATER FOR 417.1750
412.5250 DEA HIDTA INPUT TO 414.5500 (CHANNEL 1)
414.0250 CAR-TO-CAR (CHANNEL 3)
414.0500 CAR-TO-CAR (CHANNEL 4)
414.1500 CAR-TO-CAR (CHANNEL 5)
414.3500 DEA HIDTA REPEATER FOR 419.3250
414.4500 DEA HIDTA REPEATER FOR 419.3750
414.4750 DEA HIDTA REPEATER FOR 419.4000
414.5000 DEA HIDTA REPEATER FOR 419.4250
414.5500 DEA HIDTA REPEATER FOR 412.5250
417.1250 DEA HIDTA INPUT TO 412.0000 (CHANNEL 6)
417.1750 DEA HIDTA INPUT TO 412.1250 (CHANNEL 10)
419.3250 DEA HIDTA INPUT TO 414.3500 (CHANNEL 7)
419.3750 DEA HIDTA INPUT TO 414.4500 (CHANNEL 8)
419.4000 DEA HIDTA INPUT TO 414.4750 (CHANNEL 9)
419.4250 DEA HIDTA INPUT TO 414.5000 (CHANNEL 2)

. QMPro 1.52 . Anatomically Correct means weighing over 600 pounds.

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241. Nellis AFB/Area 51/and1/1

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:09:00 UTC
From: roger.cravens@pics.com
Message-ID: <5393.449.uupcb@pics.com>
Source record: 270801

And for those summer vacationers to the wonderful city of Nowhere, NV, here are a 'few' frequencies for the most controversial Air Force base probably in the world.....if anyone has any more, please advise:

==========

I have put these together for Nellis AFB, NV (Dreamland, Area 51, etc.) with a minor emphasis on Holloman AFB because there appears to be an operational connection between the two Air Forces bases. What this connection is remains to be seen to use here on the east coast (Atlanta, which is where this list originates).

Below this you will find more general and associated Government frequencies that might be worth your time scanning various ranges. The only thing I have left out are frequencies for rail operations in and out of Nellis and Holliman since I could not find that information anywhere. That's not to say it's not available, I simply didn't take the time to make a trip to the local FCC office an dig them out. They, too, would be interesting to monitor in terms of what heavy cargo is coming in and out of these Air Force bases. Most, if not all, brances of the Armed Forces have their own engines as well as individual pieces from flatbeds to whatever size need to haul their cargo.

The following military units and organizations have been identified as having a home-base at Holloman AFB:

46th Test Group (AFMC)
475th Weapons Evaluation Group
49th Fighter Wing
4th Space Warning Squadron (AFSPACECOM)
83rd Air Control Squadron
ACC Base
AT-38B Operations
F-117 Operations
F-4E Aircrew Training
German & Taiwanese Aircrew Training
MH-60 Helicopter Operations (Search & Rescue)
Phillips Laboratory Balloon Branch

The following military units and organizations have been identified as having a home-base at Nellis:

26/64/65/527/5021 Tactical Operations (Agressor) Squadrons
414 Composite Training Squadron (Red Flag)
4440 Fighter Training Group
4450th Tactical Group
4477th TES Red Eagles

549th Joint Training Squadron (Air Warrior)
552d Tactical Operations Force
554th Combat Support Squadron
554th Medical Group
554th Operations Support Wing
554th Support Group
57th Fighter Weapons Wing
57th Logistics Group
57th Operations Group
57th Test Group
66th Air Rescue Squadron
820th Civil Engineering Squadron (Red Horse)
896th Aviation Depot Squadron
99th Tactics & Training Wing
ACC Base
Air Force Air Combat Command
F-16 Agressor Operations
Fighter Weapons Center
Fighter Weapons School
USAF Special Weapons & Tactics Center
USAF Special and Conventional Weapons School
USAF Thunderbirds Team

HOLLIMAN AFB, NM - NELLIS AFB, NV

009.0230 HOLLIMAN ACC CMD POST "RAYMOND 14"/HF GUARD
119.3000 HOLLIMAN ACC CMD POST "RAYMOND 14"/TOWER
119.3000 HOLLIMAN ACC CMD POST "RAYMOND 14"/GROUND CONTROL
128.1000 HOLLIMAN ACC CMD POST "RAYMOND 14"/CLEARANCE DELIVERY
229.3000 HOLLIMAN ACC CMD POST "RAYMOND 14"/ARMY AVIATION
239.0000 HOLLIMAN ALBUQUERQUE CENTER (HAND OFF TO ROSWELL ATC)
255.9000 HOLLIMAN ACC CMD POST "RAYMOND 14"/TOWER
255.9000 HOLLIMAN HOLLOMAN TOWER
256.7000 HOLLIMAN AIR CONTROL MANUEVERS (BEAK B MOA)
257.6000 HOLLIMAN AIR CONTROL MANUEVERS (BEAK A MOA)
267.9000 HOLLIMAN VARIOUS ACM COORDINATION (BEAK C MOA)
272.7000 HOLLIMAN NAVY CP ROSWELL
273.5000 HOLLIMAN ACC CMD POST "RAYMOND 14"/ATIS
275.8000 HOLLIMAN ACC CMD POST "RAYMOND 14"/GROUND CONTROL
284.0000 HOLLIMAN HOLLOMAN DEPARTURE
285.5000 HOLLIMAN ALBUQUERQUE CENTER, EL PASO, TX
289.4000 HOLLIMAN ACC CMD POST "RAYMOND 14"/CLEARANCE DELIVERY
289.4000 HOLLIMAN HOLLOMAN CLEARANCE DELIVERY
294.6000 HOLLIMAN CHEROKEE CONTROL WSMR
294.9000 HOLLIMAN HOLLOMAN TACTICAL CONTROL

(Continued to next message)

. QMPro 1.52 . Blessed be the BBW, for she is a sex goddess

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242. Nellis AFB/Area 51/and2/1

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:09:00 UTC
From: roger.cravens@pics.com
Message-ID: <5394.449.uupcb@pics.com>
Source record: 270802

(Continued from previous message)

```
295.2000 HOLLIMAN WSMR TEST SUPPORT
299.3000 HOLLIMAN HOLLOMAN AFB, APPROACH
311.0000 HOLLIMAN B-1B'S TO ROSWELL CP "ROVER CONTROL"
320.1000 HOLLIMAN HOLLOMAN AFB GCA
321.0000 HOLLIMAN ROSWELL CP SECONDARY
324.3000 HOLLIMAN HOLLOMAN AFB, APPROACH
324.3000 HOLLIMAN HOLLOMAN AFB, GCA
339.3000 HOLLIMAN HOLLOMAN AFB ACM TRAINING
340.1000 HOLLIMAN ALBUQUERQUE CENTER ROSWELL
342.2000 HOLLIMAN WSMR CONTROL
343.8000 HOLLIMAN ALBUQUERQUE CENTER, EL PASO, TX
344.6000 HOLLIMAN ACC CMD POST "RAYMOND 14"/METEROLOGY
353.6000 HOLLIMAN ALBUQUERQUE CENTER ATC (HIGH ALTITUDE)
362.3000 HOLLIMAN A-10 WARTHOG AIR TO AIR COORDINATION
372.2000 HOLLIMAN ACC CMD POST "RAYMOND 14"/PILOT TO DISPATCHER
372.9000 HOLLIMAN HOLLOMAN AFB CLEARANCE DEL
375.2000 HOLLIMAN ACM TALON MOA
379.2000 HOLLIMAN ACM EXERCISES (F-15/T-38)
381.3000 HOLLIMAN ACC CMD POST "RAYMOND 14"/COMMAND POST
397.9000 HOLLIMAN ALBUQUERQUE CENTER ATC (HIGH ALTITUDE DISCRETE)
030.1500 NELLIS USAF/AIR NATIONAL GUARD MISC
030.5000 NELLIS AIR BASE GROUND DEFENSE
032.3500 NELLIS USAF/AIR NATIONAL GUARD MISC
032.4500 NELLIS USAF/AIR NATIONAL GUARD MISC
032.6500 NELLIS USAF/AIR NATIONAL GUARD MISC
032.8500 NELLIS USAF/AIR NATIONAL GUARD MISC
034.1700 NELLIS USAF/AIR NATIONAL GUARD MISC
034.3300 NELLIS USAF/AIR NATIONAL GUARD MISC
034.5000 NELLIS AIR BASE GROUND DEFENSE
034.6000 NELLIS FLIGHT SPACE CONTROL
034.6000 NELLIS TONOPAH AFS & RANGE AIRSPACE CONTROL "BULLSEYE"
034.7300 NELLIS USAF/AIR NATIONAL GUARD MISC
036.0500 NELLIS DEPT OF ENERGY SECURITY LAS VEGAS
036.3300 NELLIS EOD TEAMS
036.3900 NELLIS EOD TEAMS
036.4500 NELLIS USAF/AIR NATIONAL GUARD MISC
036.8000 NELLIS 4477TH TES RED EAGLES
036.8500 NELLIS USAF/AIR NATIONAL GUARD MISC
036.9900 NELLIS DEPT OF ENERGY SECURITY LAS VEGAS
040.1500 NELLIS USAF/AIR NATIONAL GUARD MISC
040.1700 NELLIS OFFICE OF SPECIAL INVESTIGATIONS
040.1900 NELLIS OFFICE OF SPECIAL INVESTIGATIONS
```

040.4000 NELLIS TONOPAH AFS & RANGE AIRSPACE CONTROL "BULLSEYE"
040.6500 NELLIS USAF/AIR NATIONAL GUARD MISC
041.3100 NELLIS USAF/AIR NATIONAL GUARD MISC
041.4500 NELLIS USAF/AIR NATIONAL GUARD MISC
041.9500 NELLIS USAF/AIR NATIONAL GUARD MISC
118.3000 NELLIS INDIAN SPRINGS CONTROL TOWER
118.3000 NELLIS INDIAN SPRINGS GROUND CONTROL
118.7000 NELLIS GROOM LAKE ATC TOWER
118.7000 NELLIS DREAMLAND MILITARY OPERATIONS AREA
118.7000 NELLIS PAHUTE MESA MILITARY OPERATIONS AREA
118.7000 NELLIS YUCCA MILITARY OPERATIONS AREA
119.3500 NELLIS NELLIS ATC CONTROL
119.3500 NELLIS BEATTY MILITARY OPERATIONS AREA
119.3500 NELLIS INDIAN SPRINGS NELLIS CONTROL
120.9000 NELLIS AIR CONTROL TOWER/CLEARANCE DELIVERY
120.9000 NELLIS AIRCRAFT CLEARANCE DELIVERY
120.9000 NELLIS CLEARANCE DELIVERY
121.8000 NELLIS AIR CONTROL TOWER/GROUND CONTROL
121.8000 NELLIS AIRCRAFT GROUND CONTROL
123.0000 NELLIS TONOPAH UNICOM
124.4500 NELLIS CALIENTE MILITARY OPERATIONS AREA
124.9500 NELLIS AIR CONTROL TOWER/APPROACH CONTROL
124.9500 NELLIS WILSON CREEK MILITARY OPERATIONS AREA
125.1000 NELLIS CONTROL TOWER
126.1500 NELLIS DREAMLAND MILITARY OPERATIONS AREA
126.1500 NELLIS PAHUTE MESA MILITARY OPERATIONS AREA
126.1500 NELLIS YUCCA MILITARY OPERATIONS AREA
126.2000 NELLIS AIR CONTROL TOWER
126.2000 NELLIS INDIAN SPRINGS CONTROL TOWER
126.6500 NELLIS LAS VEGAS MILITARY OPERATIONS AREA
126.6500 NELLIS MORMON MESA MILITARY OPERATIONS AREA
126.9500 NELLIS TONOPAH AFS & RANGE NELLIS CONTROL
126.9500 NELLIS TONOPAH MILITARY OPERATIONS AREA
132.5500 NELLIS CONTROL TOWER
134.1000 NELLIS AIR CONTROL TOWER/DEPARTURE CONTROL
135.1000 NELLIS AIRCRAFT APPROACH/DEPARTURE
138.0750 NELLIS OFFICE OF SPECIAL INVESTIGATIONS
138.1650 NELLIS USAF/AIR NATIONAL GUARD MISC
138.1750 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY/VOICE
138.1750 NELLIS OFFICE OF SPECIAL INVESTIGATIONS
138.1750 NELLIS OFFICE OF SPECIAL INVESTIGATIONS NET 2
138.2000 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
138.2750 NELLIS RANGE AIR/AIR
138.3000 NELLIS SOMETIMES PAGER/SOMETIMES SECURITY
138.3000 NELLIS COMMUNICATIONS TECHNICIANS
138.3000 NELLIS DEPT OF ENERGY SECURITY
138.3000 NELLIS RADIO TECHNICIANS
138.3250 NELLIS PAGERS
138.4000 NELLIS USAF/AIR NATIONAL GUARD MISC
138.5000 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC

138.9000 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
139.0300 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS

(Continued to next message)

. QMPro 1.52 . Blessed be the BBW, for she is a sex goddess

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243. Nellis AFB/Area 51/and3/1

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:09:00 UTC
From: roger.cravens@pics.com
Message-ID: <5395.449.uupcb@pics.com>
Source record: 270803

(Continued from previous message)

139.1000 NELLIS RANGE AIR/AIR
139.6500 NELLIS USAF/AIR NATIONAL GUARD MISC
139.7000 NELLIS RANGE AIR/AIR
139.7400 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
139.8000 NELLIS USAF/AIR NATIONAL GUARD MISC
139.9000 NELLIS USAF/AIR NATIONAL GUARD MISC
140.6500 NELLIS USAF/AIR NATIONAL GUARD MISC
141.3000 NELLIS USAF/AIR NATIONAL GUARD MISC
141.5250 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY/VOICE
141.5250 NELLIS OFFICE OF SPECIAL INVESTIGATIONS NET 1
141.6400 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
141.8500 NELLIS THUNDERBIRDS (AM)(AIR SHOWS)
142.2000 NELLIS EG&G SECURITY
142.3000 NELLIS USAF/AIR NATIONAL GUARD MISC
142.7500 NELLIS USAF/AIR NATIONAL GUARD MISC
142.9250 NELLIS USAF/AIR NATIONAL GUARD MISC
143.1750 NELLIS USAF/AIR NATIONAL GUARD MISC
148.0300 NELLIS USAF/AIR NATIONAL GUARD MISC
148.0500 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
148.0750 NELLIS FLIGHTLINE OPERATIONS
148.0750 NELLIS GROUND REFUELING
148.1500 NELLIS FLIGHTLINE DECONTAMINATION
148.1500 NELLIS FLIGHTLINE OPERATIONS
148.1750 NELLIS FLIGHTLINE
148.1750 NELLIS FLIGHTLINE DECONTAMINATION
148.1750 NELLIS FLIGHTLINE OPERATIONS
148.1850 NELLIS FLIGHTLINE OPERATIONS
148.2150 NELLIS USAF/AIR NATIONAL GUARD MISC
148.2250 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
148.3000 NELLIS FLIGHTLINE
148.3000 NELLIS FLIGHTLINE OPERATIONS
148.3000 NELLIS FLIGHTLINE SECURITY POLICE
148.4000 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
148.4000 NELLIS USAF/AIR NATIONAL GUARD MISC
148.4500 NELLIS FLIGHTLINE 57TH AGRESSOR
148.4550 NELLIS FLIGHTLINE
148.4550 NELLIS FLIGHTLINE OPERATIONS
148.4850 NELLIS USAF/AIR NATIONAL GUARD MISC
148.5000 NELLIS COMMUNICATIONS TECHNICIANS
148.5000 NELLIS RANGE SAFETY/SECURITY
148.5250 NELLIS BASE OPERATIONS/RAMP
148.5250 NELLIS USAF/AIR NATIONAL GUARD MISC

148.5450 NELLIS BASE OPERATIONS
148.5450 NELLIS RAMP CONTROL
148.5450 NELLIS BASE OPERATIONS
148.5500 NELLIS DESERT WARFARE TRAINING
148.6000 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY
148.7000 NELLIS FLIGHTLINE
148.7000 NELLIS FLIGHTLINE OPERATIONS
149.1000 NELLIS USAF/AIR NATIONAL GUARD MISC
149.1500 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
149.1500 NELLIS USAF OFFICE OF SPECIAL INVESTIGATIONS (OSI)
149.1750 NELLIS USAF/AIR NATIONAL GUARD MISC
149.2050 NELLIS USAF/AIR NATIONAL GUARD MISC
149.2500 NELLIS USAF/AIR NATIONAL GUARD MISC
149.2650 NELLIS FLIGHTLINE
149.2650 NELLIS FLIGHTLINE OPERATIONS
149.2750 NELLIS FLIGHTLINE 474TH OMS
149.3100 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
149.3250 NELLIS FLIGHTLINE 474TH OMS
149.3250 NELLIS FLIGHTLINE OPERATIONS
149.4250 NELLIS USAF/AIR NATIONAL GUARD MISC
149.4750 NELLIS FLIGHTLINE 474TH OMS
149.4750 NELLIS FLIGHTLINE OPERATIONS
149.5000 NELLIS FLIGHTLINE 474TH AMS
149.5050 NELLIS FLIGHTLINE
149.5050 NELLIS FLIGHTLINE OPERATIONS
149.5500 NELLIS FLIGHTLINE 474TH MMS
149.5650 NELLIS FLIGHTLINE
149.5650 NELLIS FLIGHTLINE OPERATIONS
150.1500 NELLIS USAF/AIR NATIONAL GUARD MISC
150.2250 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
150.2250 NELLIS USAF/AIR NATIONAL GUARD MISC
150.2500 NELLIS USAF/AIR NATIONAL GUARD MISC
150.2750 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
150.2750 NELLIS USAF/AIR NATIONAL GUARD MISC
150.3000 NELLIS FLIGHTLINE SUPERVISOR 2
150.3000 NELLIS POST TRANSPORTATION
150.3000 NELLIS TRANSPORTATION NET
150.3150 NELLIS POST TRANSPORTATION/TAXI
150.3150 NELLIS TRANSPORTATION NET
150.6000 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
150.6000 NELLIS USAF/AIR NATIONAL GUARD MISC
152.7550 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY
153.0250 NELLIS EG&G CORPORATION (SECURITY FOR NELLIS)
154.8600 NELLIS LINCOLN COUNTY SHERIFF'S OFFICE
163.3750 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY/VOICE
163.3750 NELLIS AREA #2 SECURITY
163.3750 NELLIS AREA II SECURITY
163.4625 NELLIS BASE/POST ENGINEERS
163.4625 NELLIS POST ENGINEERS
163.4850 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY/VOICE

163.4875 NELLIS BASE SECURITY (PRIMARY CHANNEL)
163.4875 NELLIS HOUSING SECURITY

(Continued to next message)

. QMPro 1.52 . Blessed be the BBW, for she is a sex goddess

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244. Nellis AFB/Area 51/and4/1

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:09:00 UTC
From: roger.cravens@pics.com
Message-ID: <5396.449.uupcb@pics.com>
Source record: 270804

(Continued from previous message)

163.5125 NELLIS USAF/AIR NATIONAL GUARD MISC
163.5125 NELLIS BASE SECURITY POLICE
163.5850 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY/VOICE
163.5875 NELLIS BASE SECURITY (SECONDARY CHANNEL)
164.1000 NELLIS DEPT OF ENERGY SECURITY MCCARRAN AIRPORT CONTROL
164.2250 NELLIS DEPT OF ENERGY SECURITY LAS VEGAS
164.3125 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
164.7750 NELLIS DEPT OF ENERGY SECURITY LAS VEGAS
165.0125 NELLIS USAF/AIR NATIONAL GUARD MISC
165.0625 NELLIS AREA #2 SECURITY
165.0650 NELLIS NUCLEAR AREA SECURITY
165.1125 NELLIS USAF/AIR NATIONAL GUARD MISC
165.1875 NELLIS FLIGHTLINE 474TH MMS
165.1875 NELLIS FLIGHTLINE OPERATIONS
165.1875 NELLIS BASE SECURITY
167.2150 NELLIS USAF OFFICE OF SPECIAL INVESTIGATIONS (OSI)
167.4400 NELLIS USAF OFFICE OF SPECIAL INVESTIGATIONS (OSI)
167.8250 NELLIS DEPT OF ENERGY SECURITY (REPEATER)
167.8500 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
167.8750 NELLIS DEPT OF ENERGY SECURITY DRAGON UNITS
167.9250 NELLIS DEPT OF ENERGY SECURITY DRAGON FIRE/MEDICAL NET
167.9750 NELLIS DEPT OF ENERGY SECURITY LAS VEGAS
167.9750 NELLIS TONOPAH AFS & RANGE FEMA
168.0000 NELLIS PAGERS
169.0000 NELLIS DEPT OF ENERGY SECURITY CONTROL
169.6000 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
169.9375 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
170.0100 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
170.0250 NELLIS DEPT OF ENERGY SECURITY LAS VEGAS
170.1250 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
170.2750 NELLIS ROSWELL SECURITY
170.5000 NELLIS EG&G SECURITY (CHANNEL 3)
170.7500 NELLIS DEPT OF ENERGY SECURITY TESTS/TECHNICIANS
170.8750 NELLIS US BUREAU OF PRISONS (F-1)(NAFB AREA II)
170.9250 NELLIS US BUREAU OF PRISONS (F-2)(NAFB AREA II)
171.2600 NELLIS TONOPAH (ASI SECURITY)
171.2625 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
171.3250 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
171.6250 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
171.8125 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
172.1500 NELLIS TONOPAH RANGE - FEDERAL AVIATION ADMINISTRATION
172.3000 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS

172.9500 NELLIS TONOPAH RANGE - FEDERAL AVIATION ADMINISTRATION
173.0000 NELLIS TONOPAH (ASI SECURITY)
173.1500 NELLIS COMMANDER'S NET
173.1500 NELLIS COMMANDER'S NET "VEGAS 1"
173.4125 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
173.4375 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
173.5120 NELLIS DEPT OF ENERGY SECURITY OPERATIONS REPEATER
173.5375 NELLIS COMMANDER'S NET
173.5375 NELLIS COMMANDER'S NET "VEGAS 1"
173.5625 NELLIS BASE HOSPITAL (PAGING)
173.5625 NELLIS MEDICS/MEDICAL SERVICES
173.5625 NELLIS PAGERS
173.5875 NELLIS FIRE DEPARTMENT/CRASH RECOVERY NET
173.5875 NELLIS FIRE/CRASH CREWS (F-1) PRIMARY
173.5875 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
173.6125 NELLIS DEPT OF ENERGY SECURITY OPERATIONS REPEATER
173.7125 NELLIS DEPT OF ENERGY SECURITY TRANSPORT CONTROL
173.8375 NELLIS FIRE/CRASH CREWS (F-2)(ALSO USED @ INDIAN SPRINGS STATION)
173.9625 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
225.6000 NELLIS USAF/AIR NATIONAL GUARD MISC
227.8000 NELLIS USAF/AIR NATIONAL GUARD MISC
228.0000 NELLIS RANGE #74/74A
230.4000 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
234.8000 NELLIS USAF/AIR NATIONAL GUARD MISC
234.9000 NELLIS USAF/AIR NATIONAL GUARD MISC
235.0000 NELLIS TONOPAH AFS & RANGE US NAVY
236.7000 NELLIS USAF/AIR NATIONAL GUARD MISC
238.3000 NELLIS RANGE CONTROL
238.8000 NELLIS AIR-TO-AIR WARGAME TACTICAL
239.4000 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
239.6000 NELLIS ROSWELL AFS ARRIVAL/DEPARTURE
239.8000 NELLIS SPECIAL WEATHER OFFICER
240.2000 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
243.9000 NELLIS RANGE CONTROL
248.6000 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
252.1000 NELLIS USAF/AIR NATIONAL GUARD MISC
253.4000 NELLIS BEATTY MILITARY OPERATIONS AREA
253.4000 NELLIS INDIAN SPRINGS NELLIS CONTROL
255.4000 NELLIS TONOPAH AFS & RANGE FLIGHT SERVICE STATION
255.7000 NELLIS AIR-TO-AIR FOR EXERCISE "RED FLAG"
255.8000 NELLIS DREAMLAND MILITARY OPERATIONS AREA
255.8000 NELLIS PAHUTE MESA MILITARY OPERATIONS AREA
255.8000 NELLIS YUCCA MILITARY OPERATIONS AREA
255.8000 NELLIS DREAMLAND UNICOM
256.2000 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
257.0000 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
257.1000 NELLIS USAF/AIR NATIONAL GUARD MISC
257.1000 NELLIS UNICOM
257.2000 NELLIS RANGE AIR/AIR
257.3500 NELLIS MILITARY AIRLIFT COMMAND/AIRLIFT CONTROL ELEMENT

257.3500 NELLIS AMC ELEMENT (DURING RED FLAG)
259.0000 NELLIS SEARCH & RESCUE

(Continued to next message)

. QMPro 1.52 . Blessed be the BBW, for she is a sex goddess

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245. Nellis AFB/Area 51/and5/1

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:09:00 UTC
From: roger.cravens@pics.com
Message-ID: <5397.449.uupcb@pics.com>
Source record: 270805

(Continued from previous message)

259.2000 NELLIS ROSWELL AFS USAF/AIR NATIONAL GUARD MISC
259.4000 NELLIS AIR-TO-AIR WARGAME TACTICAL
259.4000 NELLIS RANGE CONTROL
259.4000 NELLIS RANGE AIR/AIR
259.4000 NELLIS AERIAL REFUELING ANCHOR
259.7000 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
259.9500 NELLIS MILITARY AIRLIFT COMMAND/AIRLIFT CONTROL ELEMENT
259.9500 NELLIS AMC ELEMENT (DURING RED FLAG)
260.1000 NELLIS USAF/AIR NATIONAL GUARD MISC
261.1000 NELLIS DREAMLAND CONTROL/MOA FOR GROOM AIRSPACE
261.1000 NELLIS DREAMLAND MILITARY OPERATIONS AREA
261.1000 NELLIS PAHUTE MESA MILITARY OPERATIONS AREA
261.1000 NELLIS YUCCA MILITARY OPERATIONS AREA
264.6000 NELLIS USAF/AIR NATIONAL GUARD MISC
266.6000 NELLIS USAF/AIR NATIONAL GUARD MISC
268.0000 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
268.2000 NELLIS AIR-TO-AIR WARGAME TACTICAL
268.2000 NELLIS RANGE AIR/AIR
270.1000 NELLIS ATIS
270.1000 NELLIS ATIS
271.6000 NELLIS USAF/AIR NATIONAL GUARD MISC
272.7000 NELLIS ROSWELL AFS CONTROL TOWER
274.2000 NELLIS TONOPAH AFS & RANGE US NAVY
274.8000 NELLIS USAF/AIR NATIONAL GUARD MISC
274.8000 NELLIS EMERGENCY
275.8000 NELLIS AIRCRAFT GROUND CONTROL
275.8000 NELLIS CLEARANCE DELIVERY
275.8000 NELLIS INDIAN SPRINGS GROUND CONTROL
276.4000 NELLIS USAF/AIR NATIONAL GUARD MISC
279.7000 NELLIS AIRCRAFT APPROACH/DEPARTURE
282.2000 NELLIS SEARCH & RESCUE
283.0000 NELLIS USAF/AIR NATIONAL GUARD MISC
287.6000 NELLIS USAF/AIR NATIONAL GUARD MISC
268.2000 NELLIS RANGE CONTROL
288.6000 NELLIS USAF/AIR NATIONAL GUARD MISC
288.8000 NELLIS RANGE #65
289.3000 NELLIS AIR-TO-AIR FOR EXERCISE "RED FLAG"
289.4000 NELLIS AIRCRAFT CLEARANCE DELIVERY
289.4000 NELLIS GROUND CONTROL
289.6000 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
290.6000 NELLIS USAF/AIR NATIONAL GUARD MISC
290.8000 NELLIS USAF/AIR NATIONAL GUARD MISC

292.2000 NELLIS DART EAST MILITARY OPERATIONS AREA
292.2000 NELLIS RANGE #62
293.5000 NELLIS RANGE CONTROL-GROUND "ROULETTE"
294.9000 NELLIS RANGE AIR/AIR
295.2000 NELLIS USAF/AIR NATIONAL GUARD MISC
296.1000 NELLIS USAF/AIR NATIONAL GUARD MISC
297.5000 NELLIS USAF/AIR NATIONAL GUARD MISC
297.6500 NELLIS WATERTOWN STRIP/S-4 MILITARY OPERATIONS AREA
303.2000 NELLIS SUPERVISOR OF FLYING "BULLSEYE"
304.9000 NELLIS USAF/AIR NATIONAL GUARD MISC
305.6000 NELLIS ROSWELL AFS USAF/AIR NATIONAL GUARD MISC
308.6000 NELLIS USAF/AIR NATIONAL GUARD MISC
311.0000 NELLIS ROSWELL AFS SAC COMMAND POST
311.4000 NELLIS TONOPAH AFS & RANGE US NAVY
313.9000 NELLIS USAF/AIR NATIONAL GUARD MISC
315.2000 NELLIS USAF/AIR NATIONAL GUARD MISC
319.7000 NELLIS DART SOUTH MILITARY OPERATIONS AREA
319.7000 NELLIS DART WEST MILITARY OPERATIONS AREA
319.7000 NELLIS RANGE #64/64A
320.0000 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY/DATA
320.0000 NELLIS COMMAND POST
320.0000 NELLIS TACTICAL COMMAND POST "RAYMOND 22 (HF: 4742 kHz)
320.1000 NELLIS RANGE #61
321.0000 NELLIS ROSWELL AFS SAC COMMAND POST
321.1000 NELLIS ALPHA INBOUND EMERGENCY
321.1000 NELLIS IN-FLIGHT EMERGENCIES
324.3000 NELLIS CONTROL TOWER
324.3000 NELLIS TOWER
326.2000 NELLIS CHARLIE INBOUND EMERGENCY
326.2000 NELLIS USAF/AIR NATIONAL GUARD MISC
337.0000 NELLIS TONOPAH AFS & RANGE US NAVY
337.7000 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
336.1000 NELLIS AERIAL REFUELING ANCHOR
338.7000 NELLIS TONOPAH AFS & RANGE NELLIS CONTROL
338.7000 NELLIS TONOPAH MILITARY OPERATIONS AREA
343.0000 NELLIS LAS VEGAS MILITARY OPERATIONS AREA
343.0000 NELLIS MORMON MESA MILITARY OPERATIONS AREA
343.0000 NELLIS SALLY CORRIDOR MILITARY OPERATIONS AREA
344.0000 NELLIS RANGE CONTROL
344.6000 NELLIS SPECIAL WEATHER OFFICE (SWO)
344.8000 NELLIS RANGE #71
348.7000 NELLIS ROSWELL AFS USAF/AIR NATIONAL GUARD MISC
349.5000 NELLIS USAF/AIR NATIONAL GUARD MISC
352.6000 NELLIS AIRCRAFT APPROACH/DEPARTURE
353.6000 NELLIS DEPARTURE CONTROL
354.3000 NELLIS RANGE #76
357.1000 NELLIS RANGE AIR/AIR
358.3000 NELLIS INDIAN SPRINGS CONTROL TOWER
358.3000 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
361.1000 NELLIS GROOM LAKE MILITARY OPERATIONS AREA

361.3000 NELLIS GROOM LAKE
361.5000 NELLIS USAF/AIR NATIONAL GUARD MISC

(Continued to next message)

. QMPro 1.52 . Blessed be the BBW, for she is a sex goddess

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246. Nellis AFB/Area 51/and6/1

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:09:00 UTC
From: roger.cravens@pics.com
Message-ID: <5398.449.uupcb@pics.com>
Source record: 270806

(Continued from previous message)

361.6000 NELLIS RANGE #63
361.6000 NELLIS AERIAL REFUELING ANCHOR
363.9000 NELLIS RANGE #75
364.0000 NELLIS RANGE AIR/AIR
372.2000 NELLIS AIR-TO-AIR WARGAME (NAFB DISPATCH)
372.2000 NELLIS INDIAN SPRINGS PILOT TO DISPATCH
372.2000 NELLIS PILOT TO DISPATCHER SERVICE
376.1000 NELLIS MELROSE BOMBING RANGE
377.7000 NELLIS USAF/AIR NATIONAL GUARD MISC
377.8000 NELLIS RANGE CONTROL-AIR "BLACKJACK"
381.3000 NELLIS COMMAND POST
381.3000 NELLIS TACTICAL COMMAND POST "RAYMOND 22 (HF: 4742 kHz)
383.3000 NELLIS RANGE CONTROL-GROUND "ROULETTE"
384.4000 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
385.5000 NELLIS BRAVO INBOUND EMERGENGY
385.5000 NELLIS IN-FLIGHT EMERGENCIES
388.8500 NELLIS ROSWEL STRATCOM COMMAND POST
389.1000 NELLIS RANGE CONTROL
392.1000 NELLIS CALIENTE MILITARY OPERATIONS AREA
392.1000 NELLIS WILSON CREEK MILITARY OPERATIONS AREA
392.2000 NELLIS DELTA INBOUND EMERGENCY (ALSO FIRE UNITS COORDINATION)
392.9000 NELLIS RANGE CONTROL
397.2000 NELLIS USAF/AIR NATIONAL GUARD MISC
397.8500 NELLIS TONOPAH AFS & RANGE AIR APPROACH/DEPARTURE
397.9000 NELLIS ROSWELL AFS USAF/AIR NATIONAL GUARD MISC
401.3125 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY/VOICE
401.8850 NELLIS DEPT OF ENERGY SECURITY EMERGENCY NET
405.7000 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY
407.0000 NELLIS TONOPAH AFS & RANGE NUCLEAR WEAPONS SYSTEMS
407.0500 NELLIS DEPT OF ENERGY SECURITY CONSTRUCTION
407.2000 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY
407.4000 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
407.4500 NELLIS COMMANDER'S NET "VEGAS 1"
407.5000 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
407.5250 NELLIS DEPT OF ENERGY SECURITY MISSIONS
408.3125 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY/VOICE
408.4000 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY
408.9500 NELLIS DEPT OF ENERGY SECURITY ENGINEERING
409.0250 NELLIS FLIGHTLINE MAINTENANCE
409.0250 NELLIS USAF/AIR NATIONAL GUARD MISC
409.4000 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY/VOICE
409.6250 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY/VOICE

410.3500 NELLIS EOD TEAMS
410.8000 NELLIS GROOM AREA PAGER
411.0250 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY/DATA
411.8500 NELLIS FLIGHTLINE DECONTAMINATION
411.8500 NELLIS FLIGHTLINE MAINTENANCE
413.0250 NELLIS THUNDERBIRDS (GROUND SUPPORT)
413.1500 NELLIS USAF/AIR NATIONAL GUARD MISC
413.2000 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
413.2750 NELLIS FLIGHTLINE OPERATIONS/GROUND EMERGENCY
413.2750 NELLIS FLIGHTLINE OPERATIONS/GROUND MAINTENANCE
413.2750 NELLIS GROUND EMERGENCY CREWS
413.4000 NELLIS INDIAN SPRINGS USAF/AIR NATIONAL GUARD MISC
413.4250 NELLIS USAF/AIR NATIONAL GUARD MISC
413.4500 NELLIS USAF/AIR NATIONAL GUARD MISC
413.6250 NELLIS GROUND EMERGENCY CREWS
415.6250 NELLIS FLIGHTLINE OPERATIONS/GROUND EMERGENCY
415.6250 NELLIS FLIGHTLINE OPERATIONS/GROUND MAINTENANCE
415.6250 NELLIS USAF/AIR NATIONAL GUARD MISC
416.5250 NELLIS GROOM AREA - UNIDENTIFIED FREQUENCY/VOICE
416.8500 NELLIS DEPT OF ENERGY SECURITY SECURITY/ADMIN ("BIRD DOG")
418.0500 NELLIS EG&G SECURITY (USUALLY SCRAMBLED COMMS)
496.2500 NELLIS PUBLIC LAND ROAD SENSORS
496.2500 NELLIS EG&G CORPORATION GROUND SENSORS
228.8000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
234.8000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
236.7000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
243.9000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
253.4000 NELLIS 414TH COMPOSITE TNG SQDN/CONTROL
255.4000 NELLIS 414TH COMPOSITE TNG SQDN/UNICOM
260.1000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
264.6000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
266.6000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
268.0000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
269.0000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
271.6000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
276.4000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
277.8000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
279.6000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
282.8000 NELLIS 414TH COMPOSITE TNG SQDN/TOWER EMERGENCY
283.0000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
287.6000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
288.6000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
288.8000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
289.3000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
289.6000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
290.6000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
290.8000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
295.2000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
296.1000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
297.7000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL

304.9000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
308.6000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL

(Continued to next message)

. QMPro 1.52 . Blessed be the BBW, for she is a sex goddess

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247. Nellis AFB/Area 51/and7/1

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:09:00 UTC
From: roger.cravens@pics.com
Message-ID: <5399.449.uupcb@pics.com>
Source record: 270807

(Continued from previous message)

313.9000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
315.2000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
327.3000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
342.1000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
343.0000 NELLIS 414TH COMPOSITE TNG SQDN/CONTROL
349.5000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
357.1000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
361.5000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
377.7000 NELLIS 414TH COMPOSITE TNG SQDN/TACTICAL
392.1000 NELLIS 414TH COMPOSITE TNG SQDN/CONTROL

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042.1800 NEVADA HIGHWAY PATROL CALIF HIGHWAY PATROL BLUE CHANNEL (MOBILE)
042.3400 NEVADA HIGHWAY PATROL CALIF HIGHWAY PATROL BLUE CHANNEL (BASE)
042.5000 NEVADA HIGHWAY PATROL (F-2) CAR-TO-CAR
042.5600 NEVADA HIGHWAY PATROL (F-7) CAR-TO-CAR/MOBILE COMMAND POST
042.5800 NEVADA HIGHWAY PATROL (F-6) CARSON CITY STATEWIDE DISPATCH
042.7000 NEVADA HIGHWAY PATROL (F-3) CAR-TO-CAR
042.7400 NEVADA HIGHWAY PATROL (F-5) CAR-TO-CAT (LIMITED USE)
042.7800 NEVADA HIGHWAY PATROL (F-1) CAR-TO-BASE/RURAL AREAS
042.8000 NEVADA HIGHWAY PATROL (F-8) CAR-TO-CAR/AIRCRAFT SPEED ENFORCEMENT
042.8600 NEVADA HIGHWAY PATROL FUTURE MOBILE USE
042.8800 NEVADA HIGHWAY PATROL (F-4) LAS VEGAS DISPATCH/RENO DISPATCH
042.9400 NEVADA HIGHWAY PATROL (F-1) BASE-TO-CAR/RURAL AREA DISPATCH
154.9200 NEVADA HIGHWAY PATROL MOBILE EXTENDERS
155.4750 NEVADA HIGHWAY PATROL (F-1) HAND-HELDS
155.6550 NEVADA HIGHWAY PATROL (F-2) HAND-HELDS
156.0750 NEVADA HIGHWAY PATROL HAND-HELDS

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Here are some random frequencies that are pretty general across the US
and you might want to scan frequency ranges or specific frequencies
given here depending on just what you are searching for. Because the
Department of Energy is intimately involved in activities surrounding
Nellis AFB/Area 51/Groom Lake, it is reasonable to assume that any
frequency is fair game:

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123.1250 NORTHROP CORPORATION NATIONWIDE ASSIGNMENT
123.3500 NORTHROP CORPORATION NATIONWIDE ASSIGNMENT
123.5250 NORTHROP CORPORATION NATIONWIDE ASSIGNMENT
314.6000 NORTHROP CORPORATION NATIONWIDE ASSIGNMENT

030.5100 AIR FORCE
306.6000 AIR FORCE "TAC"
407.8500 AIR FORCE 1 "ECHO-FOXTROT" AIR-TO-GROUND (WITH 415
415.7000 AIR FORCE 1 "ECHO-FOXTROT" AIR-TO-GROUND (WITH 407
415.2000 AIR FORCE 1 & 2
171.2850 AIR FORCE 1 & 2 (PAIRED WITH 162.685)
162.6850 AIR FORCE 1 & 2 (PAIRED WITH 171.285)
236.6000 AIR FORCE AIR TO TOWER
011.1760 AIR FORCE ASCENSION ISLANDS AIR FORCE BASE, USB
011.2150 AIR FORCE AWACS AIRCRAFT - USB
149.1750 AIR FORCE BASE SECURITY
149.2050 AIR FORCE BASE SECURITY
163.1875 AIR FORCE BASE SECURITY
163.1880 AIR FORCE BASE SECURITY
163.4625 AIR FORCE BASE SECURITY
163.4630 AIR FORCE BASE SECURITY
163.4875 AIR FORCE BASE SECURITY
163.4880 AIR FORCE BASE SECURITY
163.5125 AIR FORCE BASE SECURITY
163.5130 AIR FORCE BASE SECURITY
163.5375 AIR FORCE BASE SECURITY
163.5380 AIR FORCE BASE SECURITY
163.5625 AIR FORCE BASE SECURITY
163.5630 AIR FORCE BASE SECURITY
165.1125 AIR FORCE BASE SECURITY
165.1130 AIR FORCE BASE SECURITY
165.1275 AIR FORCE BASE SECURITY
165.1280 AIR FORCE BASE SECURITY
173.4375 AIR FORCE BASE SECURITY
173.4380 AIR FORCE BASE SECURITY
173.5125 AIR FORCE BASE SECURITY
173.5130 AIR FORCE BASE SECURITY
173.5625 AIR FORCE BASE SECURITY
173.5630 AIR FORCE BASE SECURITY
173.5725 AIR FORCE BASE SECURITY
173.5730 AIR FORCE BASE SECURITY
173.5875 AIR FORCE BASE SECURITY
173.5880 AIR FORCE BASE SECURITY
173.6375 AIR FORCE BASE SECURITY
173.6380 AIR FORCE BASE SECURITY
173.6625 AIR FORCE BASE SECURITY
173.6630 AIR FORCE BASE SECURITY
173.6875 AIR FORCE BASE SECURITY
173.6880 AIR FORCE BASE SECURITY
173.7125 AIR FORCE BASE SECURITY
173.7130 AIR FORCE BASE SECURITY
173.7875 AIR FORCE BASE SECURITY
173.7880 AIR FORCE BASE SECURITY
010.4520 AIR FORCE COMMANDO ESCORT NET
010.5100 AIR FORCE COMMANDO ESCORT NET

(Continued to next message)

. QMPro 1.52 . Blessed be the BBW, for she is a sex goddess

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| Pics OnLine MultiUser System 609/753-2540 HST 609/753-2605 (V32bis) |
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248. Nellis AFB/Area 51/and8/1

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:09:00 UTC
From: roger.cravens@pics.com
Message-ID: <5400.449.uupcb@pics.com>
Source record: 270808

(Continued from previous message)

413.4500 AIR FORCE CREW ALERTS AT AFB'S
172.3000 AIR FORCE DOBBINS AFB
173.1500 AIR FORCE DOBBINS AFB
164.9625 AIR FORCE DOBBINS AFB DISASTER PREPAREDNESS
138.0250 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
138.1000 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
138.3600 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
138.9600 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
139.5450 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
140.8950 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
142.1550 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
142.2000 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
148.5250 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
148.5500 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
149.1500 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
150.0900 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
150.6600 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
165.0130 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
165.0630 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
165.1380 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
165.1630 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
173.0250 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
173.4130 AIR FORCE DOBBINS AIR FORCE BASE BLUE NIGHT AF/N GD ATLANTA
149.4750 AIR FORCE DOBBINS AIR FORCE BASE DAPPER DAN SECTY ATLANTA
164.9630 AIR FORCE DOBBINS AIR FORCE BASE DAPPER DAN DISASTR ATLANTA
153.3200 AIR FORCE DOBBINS AIR FORCE BASE LOCKHEED OPERATIONS ATLANTA
158.3100 AIR FORCE DOBBINS AIR FORCE BASE LOCKHEED OPERATIONS ATLANTA
121.0000 AIR FORCE DOBBINS AIR FORCE BASE RES TRN FAC-APP/DEP ATLANTA
121.8000 AIR FORCE DOBBINS AIR FORCE BASE RES TRN FAC-GRND CO ATLANTA
003.0670 AIR FORCE GCCS
003.0810 AIR FORCE GCCS
003.1440 AIR FORCE GCCS
004.7210 AIR FORCE GCCS
004.7460 AIR FORCE GCCS
004.7470 AIR FORCE GCCS
005.6880 AIR FORCE GCCS
005.7030 AIR FORCE GCCS
005.7100 AIR FORCE GCCS
006.6830 AIR FORCE GCCS
006.7270 AIR FORCE GCCS
006.7380 AIR FORCE GCCS
006.7500 AIR FORCE GCCS

006.7560 AIR FORCE GCCS
008.9640 AIR FORCE GCCS
008.9670 AIR FORCE GCCS
008.9890 AIR FORCE GCCS
008.9930 AIR FORCE GCCS
009.0110 AIR FORCE GCCS
009.0140 AIR FORCE GCCS
009.0180 AIR FORCE GCCS
010.8020 AIR FORCE GCCS
011.1790 AIR FORCE GCCS
011.1820 AIR FORCE GCCS
011.2260 AIR FORCE GCCS
011.2390 AIR FORCE GCCS
011.2460 AIR FORCE GCCS
013.2010 AIR FORCE GCCS
013.2140 AIR FORCE GCCS
013.2150 AIR FORCE GCCS
013.2440 AIR FORCE GCCS
013.2470 AIR FORCE GCCS
015.0150 AIR FORCE GCCS
015.0310 AIR FORCE GCCS
018.0020 AIR FORCE GCCS
018.0190 AIR FORCE GCCS
023.2770 AIR FORCE GCCS
238.9000 AIR FORCE MCDILL FIELD, FL REFUELING FREQ
005.1970 AIR FORCE MILITARY AIRLIFT COMMAND
006.7160 AIR FORCE MILITARY AIRLIFT COMMAND
018.0270 AIR FORCE MILITARY AIRLIFT COMMAND
130.6500 AIR FORCE MILITARY AIRLIFT COMMAND
141.8000 AIR FORCE MILITARY AIRLIFT COMMAND
148.4550 AIR FORCE MINUTE MAN MISSLE OPERATIONS CHANNEL 1
148.9350 AIR FORCE MINUTE MAN MISSLE OPERATIONS CHANNEL 2
040.1700 AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS
040.1900 AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS
138.0750 AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS PRIMARY
138.1650 AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS
138.1750 AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS
252.1000 AIR FORCE REFUELING
351.2000 AIR FORCE RESERVES
005.7000 AIR FORCE SAMTEC
009.0290 AIR FORCE SAMTEC
013.2180 AIR FORCE SAMTEC
017.4280 AIR FORCE SAMTEC
149.3500 BUGS & BODY MICROPHONES
165.9130 BUGS & BODY MICROPHONES
167.3380 BUGS & BODY MICROPHONES
167.3430 BUGS & BODY MICROPHONES
167.4880 BUGS & BODY MICROPHONES
168.0120 BUGS & BODY MICROPHONES
169.2000 BUGS & BODY MICROPHONES

171.4500 BUGS & BODY MICROPHONES
172.0000 BUGS & BODY MICROPHONES

(Continued to next message)

. QMPro 1.52 . Blessed be the BBW, for she is a sex goddess

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249. Nellis AFB/Area 51/and9/1

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:09:00 UTC
From: roger.cravens@pics.com
Message-ID: <5401.449.uupcb@pics.com>
Source record: 270809

(Continued from previous message)

172.2000 BUGS & BODY MICROPHONES
173.3380 BUGS & BODY MICROPHONES
036.0100 BUREAU OF LAND MANAGEMENT
163.0250 BUREAU OF LAND MANAGEMENT
163.0500 BUREAU OF LAND MANAGEMENT
163.0750 BUREAU OF LAND MANAGEMENT
163.0850 BUREAU OF LAND MANAGEMENT
163.1250 BUREAU OF LAND MANAGEMENT
163.1500 BUREAU OF LAND MANAGEMENT
163.1750 BUREAU OF LAND MANAGEMENT
163.7500 BUREAU OF LAND MANAGEMENT
163.8375 BUREAU OF LAND MANAGEMENT
163.8380 BUREAU OF LAND MANAGEMENT
163.8625 BUREAU OF LAND MANAGEMENT
163.8630 BUREAU OF LAND MANAGEMENT
163.9125 BUREAU OF LAND MANAGEMENT
163.9130 BUREAU OF LAND MANAGEMENT
163.9850 BUREAU OF LAND MANAGEMENT
164.1000 BUREAU OF LAND MANAGEMENT
164.2000 BUREAU OF LAND MANAGEMENT
164.5250 BUREAU OF LAND MANAGEMENT
164.5500 BUREAU OF LAND MANAGEMENT
164.7250 BUREAU OF LAND MANAGEMENT
164.7750 BUREAU OF LAND MANAGEMENT
165.9750 BUREAU OF LAND MANAGEMENT
166,2250 BUREAU OF LAND MANAGEMENT
166.0000 BUREAU OF LAND MANAGEMENT
166.1250 BUREAU OF LAND MANAGEMENT
166.2000 BUREAU OF LAND MANAGEMENT
166.2250 BUREAU OF LAND MANAGEMENT
166.3000 BUREAU OF LAND MANAGEMENT
166.3250 BUREAU OF LAND MANAGEMENT
166.3500 BUREAU OF LAND MANAGEMENT
166.3750 BUREAU OF LAND MANAGEMENT
166.4875 BUREAU OF LAND MANAGEMENT
166.4880 BUREAU OF LAND MANAGEMENT
166.6125 BUREAU OF LAND MANAGEMENT
166.7500 BUREAU OF LAND MANAGEMENT
166.7750 BUREAU OF LAND MANAGEMENT
166.8000 BUREAU OF LAND MANAGEMENT
166.8500 BUREAU OF LAND MANAGEMENT
166.8750 BUREAU OF LAND MANAGEMENT

166.9000 BUREAU OF LAND MANAGEMENT
166.9250 BUREAU OF LAND MANAGEMENT
166.9500 BUREAU OF LAND MANAGEMENT
166.9750 BUREAU OF LAND MANAGEMENT
167.0000 BUREAU OF LAND MANAGEMENT
167.0250 BUREAU OF LAND MANAGEMENT
167.0750 BUREAU OF LAND MANAGEMENT
167.1000 BUREAU OF LAND MANAGEMENT
167.1500 BUREAU OF LAND MANAGEMENT
167.8250 BUREAU OF LAND MANAGEMENT
167.9000 BUREAU OF LAND MANAGEMENT
167.9500 BUREAU OF LAND MANAGEMENT
168.2250 BUREAU OF LAND MANAGEMENT
168.2500 BUREAU OF LAND MANAGEMENT
168.2750 BUREAU OF LAND MANAGEMENT
168.3000 BUREAU OF LAND MANAGEMENT
168.3500 BUREAU OF LAND MANAGEMENT
168.3750 BUREAU OF LAND MANAGEMENT
168.4000 BUREAU OF LAND MANAGEMENT
168.4250 BUREAU OF LAND MANAGEMENT
168.4750 BUREAU OF LAND MANAGEMENT
168.5000 BUREAU OF LAND MANAGEMENT
168.5250 BUREAU OF LAND MANAGEMENT
168.5500 BUREAU OF LAND MANAGEMENT
168.5750 BUREAU OF LAND MANAGEMENT
168.8500 BUREAU OF LAND MANAGEMENT
169.0000 BUREAU OF LAND MANAGEMENT
169.0250 BUREAU OF LAND MANAGEMENT
169.0750 BUREAU OF LAND MANAGEMENT
169.1750 BUREAU OF LAND MANAGEMENT
169.2250 BUREAU OF LAND MANAGEMENT
169.3250 BUREAU OF LAND MANAGEMENT
169.3500 BUREAU OF LAND MANAGEMENT
169.4000 BUREAU OF LAND MANAGEMENT
169.5500 BUREAU OF LAND MANAGEMENT
169.6250 BUREAU OF LAND MANAGEMENT
169.6500 BUREAU OF LAND MANAGEMENT
169.7750 BUREAU OF LAND MANAGEMENT
169.8750 BUREAU OF LAND MANAGEMENT
170.0250 BUREAU OF LAND MANAGEMENT
171.7250 BUREAU OF LAND MANAGEMENT
171.7750 BUREAU OF LAND MANAGEMENT
172.6000 BUREAU OF LAND MANAGEMENT
172.7750 BUREAU OF LAND MANAGEMENT
406.2750 BUREAU OF LAND MANAGEMENT
408.4250 BUREAU OF LAND MANAGEMENT
408.5250 BUREAU OF LAND MANAGEMENT
408.5750 BUREAU OF LAND MANAGEMENT
408.6250 BUREAU OF LAND MANAGEMENT
408.7750 BUREAU OF LAND MANAGEMENT

411.6250 BUREAU OF LAND MANAGEMENT
411.6750 BUREAU OF LAND MANAGEMENT

(Continued to next message)

. QMPro 1.52 . Blessed be the BBW, for she is a sex goddess

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250. Nellis AFB/Area 51/and10/

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:09:00 UTC
From: roger.cravens@pics.com
Message-ID: <5402.449.uupcb@pics.com>
Source record: 270810

(Continued from previous message)

411.7500 BUREAU OF LAND MANAGEMENT
411.8250 BUREAU OF LAND MANAGEMENT
411.8750 BUREAU OF LAND MANAGEMENT
411.9250 BUREAU OF LAND MANAGEMENT
412.0250 BUREAU OF LAND MANAGEMENT
412.0500 BUREAU OF LAND MANAGEMENT
412.1000 BUREAU OF LAND MANAGEMENT
412.1250 BUREAU OF LAND MANAGEMENT
412.1500 BUREAU OF LAND MANAGEMENT
412.2000 BUREAU OF LAND MANAGEMENT
412.2250 BUREAU OF LAND MANAGEMENT
412.2750 BUREAU OF LAND MANAGEMENT
412.3750 BUREAU OF LAND MANAGEMENT
414.5750 BUREAU OF LAND MANAGEMENT
414.8250 BUREAU OF LAND MANAGEMENT
414.8750 BUREAU OF LAND MANAGEMENT
414.9250 BUREAU OF LAND MANAGEMENT
414.9750 BUREAU OF LAND MANAGEMENT
415.0250 BUREAU OF LAND MANAGEMENT
415.0750 BUREAU OF LAND MANAGEMENT
415.1500 BUREAU OF LAND MANAGEMENT
416.0750 BUREAU OF LAND MANAGEMENT
416.1250 BUREAU OF LAND MANAGEMENT
417.2250 BUREAU OF LAND MANAGEMENT
417.3500 BUREAU OF LAND MANAGEMENT
417.3750 BUREAU OF LAND MANAGEMENT
417.4500 BUREAU OF LAND MANAGEMENT
417.5000 BUREAU OF LAND MANAGEMENT
417.5250 BUREAU OF LAND MANAGEMENT
417.5750 BUREAU OF LAND MANAGEMENT
417.6250 BUREAU OF LAND MANAGEMENT
417.7250 BUREAU OF LAND MANAGEMENT
417.8000 BUREAU OF LAND MANAGEMENT
417.8250 BUREAU OF LAND MANAGEMENT
417.8500 BUREAU OF LAND MANAGEMENT
417.8750 BUREAU OF LAND MANAGEMENT
417.9250 BUREAU OF LAND MANAGEMENT
417.9750 BUREAU OF LAND MANAGEMENT
418.3250 BUREAU OF LAND MANAGEMENT
419.0000 BUREAU OF LAND MANAGEMENT
419.1250 BUREAU OF LAND MANAGEMENT
419.1500 BUREAU OF LAND MANAGEMENT

419.6250 BUREAU OF LAND MANAGEMENT
419.6500 BUREAU OF LAND MANAGEMENT
419.6750 BUREAU OF LAND MANAGEMENT
419.7750 BUREAU OF LAND MANAGEMENT
419.8250 BUREAU OF LAND MANAGEMENT
419.8500 BUREAU OF LAND MANAGEMENT
419.8750 BUREAU OF LAND MANAGEMENT
419.9250 BUREAU OF LAND MANAGEMENT
419.9750 BUREAU OF LAND MANAGEMENT
041.2700 BUREAU OF LAND MANAGEMENT FIRE & EMERGENCY-LOGISTICS
041.5500 BUREAU OF LAND MANAGEMENT FIRE & EMERGENCY-LOGISTICS
046.6300 BUREAU OF LAND MANAGEMENT FIRE & EMERGENCY-LOGISTICS
117.9750 BUREAU OF LAND MANAGEMENT FIRE & EMERGENCY-AERONAUTICAL
123.5880 BUREAU OF LAND MANAGEMENT FIRE & EMERGENCY-AERONAUTICAL
158.4000 BUREAU OF LAND MANAGEMENT FIRE & EMERGENCY-TACTICAL
166.6130 BUREAU OF LAND MANAGEMENT FIRE & EMERGENCY-TACTICAL
166.7250 BUREAU OF LAND MANAGEMENT FIRE & EMERGENCY-TACTICAL
167.2500 BUREAU OF LAND MANAGEMENT FIRE & EMERGENCY-TACTICAL
169.7500 BUREAU OF LAND MANAGEMENT FIRE & EMERGENCY-TACTICAL
166.6126 BUREAU OF LAND MANAGEMENT FIRE/EMERGENCY/TACTICAL
138.3500 DEPARTMENT OF ENERGY
139.7700 DEPARTMENT OF ENERGY
141.6800 DEPARTMENT OF ENERGY
141.7000 DEPARTMENT OF ENERGY
142.2300 DEPARTMENT OF ENERGY
148.4700 DEPARTMENT OF ENERGY
162.0500 DEPARTMENT OF ENERGY
162.1000 DEPARTMENT OF ENERGY
163.7750 DEPARTMENT OF ENERGY
164.2250 DEPARTMENT OF ENERGY
164.3250 DEPARTMENT OF ENERGY
164.3500 DEPARTMENT OF ENERGY
164.3750 DEPARTMENT OF ENERGY
164.4000 DEPARTMENT OF ENERGY
164.6750 DEPARTMENT OF ENERGY
164.7500 DEPARTMENT OF ENERGY
165.8500 DEPARTMENT OF ENERGY
166.2750 DEPARTMENT OF ENERGY
166.6750 DEPARTMENT OF ENERGY
172.0750 DEPARTMENT OF ENERGY - ENERGY RESEARCH LABORATORIES (NATIONWIDE)
163.1000 DEPARTMENT OF ENERGY - NUCLEAR MATERIALS SECURITY (NATIONWIDE)
002.2875 DEPARTMENT OF ENERGY AIR - GROUND
002.6225 DEPARTMENT OF ENERGY AIR - GROUND
004.4805 DEPARTMENT OF ENERGY AIR - GROUND
004.6695 DEPARTMENT OF ENERGY AIR - GROUND
006.6465 DEPARTMENT OF ENERGY AIR - GROUND
006.9825 DEPARTMENT OF ENERGY AIR - GROUND
007.8405 DEPARTMENT OF ENERGY AIR - GROUND
008.9635 DEPARTMENT OF ENERGY AIR - GROUND
009.1155 DEPARTMENT OF ENERGY AIR - GROUND

011.1265 DEPARTMENT OF ENERGY AIR - GROUND
011.3975 DEPARTMENT OF ENERGY AIR - GROUND

(Continued to next message)

. QMPro 1.52 . Blessed be the BBW, for she is a sex goddess

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251. Nellis AFB/Area 51/and11/

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:09:00 UTC
From: roger.cravens@pics.com
Message-ID: <5403.449.uupcb@pics.com>
Source record: 270811

(Continued from previous message)

013.2615 DEPARTMENT OF ENERGY AIR - GROUND
013.8035 DEPARTMENT OF ENERGY AIR - GROUND
016.0655 DEPARTMENT OF ENERGY AIR - GROUND
017.9025 DEPARTMENT OF ENERGY AIR - GROUND
149.2200 DEPARTMENT OF ENERGY NUCLEAR EMERGENCY SEARCH TEAMS
150.4500 DEPARTMENT OF ENERGY NUCLEAR EMERGENCY SEARCH TEAMS
163.0000 DEPARTMENT OF ENERGY NUCLEAR EMERGENCY SEARCH TEAMS
163.1000 DEPARTMENT OF ENERGY NUCLEAR EMERGENCY SEARCH TEAMS
164.0250 DEPARTMENT OF ENERGY NUCLEAR EMERGENCY SEARCH TEAMS
164.1000 DEPARTMENT OF ENERGY NUCLEAR EMERGENCY SEARCH TEAMS
164.1750 DEPARTMENT OF ENERGY NUCLEAR EMERGENCY SEARCH TEAMS
164.2250 DEPARTMENT OF ENERGY NUCLEAR EMERGENCY SEARCH TEAMS
164.2750 DEPARTMENT OF ENERGY NUCLEAR EMERGENCY SEARCH TEAMS
164.3750 DEPARTMENT OF ENERGY NUCLEAR EMERGENCY SEARCH TEAMS
164.4000 DEPARTMENT OF ENERGY NUCLEAR EMERGENCY SEARCH TEAMS
164.4750 DEPARTMENT OF ENERGY NUCLEAR EMERGENCY SEARCH TEAMS
164.5250 DEPARTMENT OF ENERGY NUCLEAR EMERGENCY SEARCH TEAMS
164.6750 DEPARTMENT OF ENERGY NUCLEAR EMERGENCY SEARCH TEAMS
164.7000 DEPARTMENT OF ENERGY NUCLEAR EMERGENCY SEARCH TEAMS
164.7750 DEPARTMENT OF ENERGY NUCLEAR EMERGENCY SEARCH TEAMS
002.3785 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
002.4465 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
002.6595 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
003.3425 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
003.3805 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
003.3895 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
005.2125 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
005.9625 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
006.0500 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
006.1075 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
006.1525 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
006.1775 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
007.3495 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
010.4945 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
011.7225 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
011.8025 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
011.9585 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
012.2175 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
014.4775 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
014.8375 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
014.8860 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
014.9005 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION

014.9095 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
017.6500 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION SECONDARY/BACKUP
017.6505 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
020.0285 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
164.2750 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
167.2750 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
412.7500 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
413.8500 DEPARTMENT OF ENERGY NUCLEAR REGULATORY COMMISSION
002.6105 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
002.6255 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
004.5985 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
004.6045 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
004.7765 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
004.9465 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
005.3775 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
005.3795 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
006.8045 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
006.9305 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
007.3595 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
007.4295 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
007.4655 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
007.6905 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
007.7235 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
007.7675 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
008.0545 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
009.3595 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
010.5555 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
010.8715 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
012.0205 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
012.2335 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
014.4005 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
015.4545 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
018.4175 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
019.7915 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
020.4055 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
023.5335 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
025.4325 DEPARTMENT OF ENERGY POINT-TO-POINT OPERATIONS
170.2000 FEDERAL DISASTER NETWORK
417.2000 FEDERAL PROTECTION AGENCY
166.5250 FEDERAL PROTECTION SERVICE
170.9250 FEDERAL PROTECTION SERVICE
122.7500 GOVERNMENT AIR TO AIR
164.8000 INDIAN AFFAIRS
164.8600 INDIAN AFFAIRS
165.7000 INDIAN AFFAIRS
165.7100 INDIAN AFFAIRS
166.8250 INDIAN AFFAIRS
166.6350 INDIAN AFFAIRS-REPEATER for 168.3750
163.1000 INTERIOR DEPARTMENT
163.3000 INTERIOR DEPARTMENT

163.7950 INTERIOR DEPARTMENT
163.9350 INTERIOR DEPARTMENT

(Continued to next message)

. QMPro 1.52 . Blessed be the BBW, for she is a sex goddess

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| Pics OnLine MultiUser System 609/753-2540 HST 609/753-2605 (V32bis) |
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252. Nellis AFB/Area 51/and12/

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:09:00 UTC
From: roger.cravens@pics.com
Message-ID: <5404.449.uupcb@pics.com>
Source record: 270812

(Continued from previous message)

164.6250 INTERIOR DEPARTMENT
165.6850 INTERIOR DEPARTMENT
166.4850 INTERIOR DEPARTMENT
168.0250 INTERIOR DEPARTMENT AIRCRAFT OPERATIONS
168.6250 INTERIOR DEPARTMENT AIRCRAFT OPERATIONS
169.1500 INTERIOR DEPARTMENT AIRCRAFT OPERATIONS
168.0750 INTERIOR DEPARTMENT EMERGENCY COMMAND
168.1000 INTERIOR DEPARTMENT EMERGENCY COMMAND
168.7000 INTERIOR DEPARTMENT EMERGENCY COMMAND
166.9350 INTERIOR DEPARTMENT EMERGENCY/TACTICAL
168.0500 INTERIOR DEPARTMENT EMERGENCY/TACTICAL
168.2000 INTERIOR DEPARTMENT EMERGENCY/TACTICAL
243.0000 MILITARY AIRCRAFT CALLING DISTRESS/MAYDAY
349.4000 MILITARY AIRLIFT COMMAND-PRIMARY
126.2000 MILITARY AIRPORTS
134.1000 MILITARY AIRPORTS GCA RADAR
255.4000 MILITARY FLIGHT WEATHER
344.6000 MILITARY FLIGHT WEATHER
257.8000 MILITARY TO FAA TOWERS
040.8700 NASA
154.2000 NASA
162.1250 NASA
164.9750 NASA
165.3250 NASA
173.1750 NASA/KENNEDY SPACE CENTER FIRE & RESCUE
165.1750 NATIONAL TRANSPORTATION & SAFETY BOARD - CRASH INV
165.7500 NATIONAL TRANSPORTATION & SAFETY BOARD - CRASH INV
165.2625 NATIONAL TRANSPORTATION AND SAFTEY BOARD CRASH INVESTIGATIONS SECONDAR
166.1750 NATIONAL TRANSPORTATION AND SAFTEY BOARD CRASH INVESTIGATIONS PRIMARY
121.5000 NATIONWIDE AIR EMERGENCY CHANNEL NATIONWIDE
122.9000 SEARCH AND RESCUE AIR TO GROUND COORDINATION
034.3100 US ARMY WHITE SANDS MISSILE RANGE
036.5100 US ARMY WHITE SANDS MISSILE RANGE
139.4000 US ARMY WHITE SANDS MISSILE RANGE
294.6000 US ARMY WHITE SANDS MISSILE RANGE
295.2000 US ARMY WHITE SANDS MISSILE RANGE
163.1000 US GOVT FEDERAL ITINERANT FREQUENCY
168.3500 US GOVT FEDERAL ITINERANT FREQUENCY
408.4000 US GOVT FEDERAL ITINERANT FREQUENCY
418.0500 US GOVT FEDERAL ITINERANT FREQUENCY
418.0750 US GOVT FEDERAL ITINERANT FREQUENCY
418.5750 US GOVT FEDERAL ITINERANT FREQUENCY

162.9750 USAF
163.5850 USAF
163.7000 USAF
165.0100 USAF
165.0350 USAF
165.0600 USAF
165.1350 USAF
165.1600 USAF
406.3500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 1
406.5500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 3
406.7500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 2
406.9500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 4
407.1500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 1
407.3500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 3
407.5500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 2
407.7500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 4
407.9500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 1
408.1500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 3
408.3500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 2
408.5500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 4
408.7500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 1
408.9500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 3
409.1500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 2
409.3500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 4
409.5500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 1
409.7500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 3
409.9500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 2
410.1500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 4
414.7500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 2
414.9500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 4
415.1500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 1
415.3500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 3
415.5500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 2
415.7500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 4
415.9500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 1
416.1500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 3
416.3500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 2
416.5500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 4
416.7500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 1
416.9500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 3
417.1500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 2
417.3500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 4
417.5500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 1
417.7500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 3
417.9500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 2
418.1500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 4
418.3500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 1
418.5500 USAF NTIA/IRAC TRUNKING FREQUENCY/GROUP 3
266.5000 USAF AIR TO AIR REFUELING
318.0000 USAF AIR TO AIR REFUELING

040.2200 VEHICLE BUMPER BEEPERS (BUGS)
143.1250 VIP TRANSPORT

(Continued to next message)

. QMPro 1.52 . Blessed be the BBW, for she is a sex goddess

+---+
| Pics OnLine MultiUser System 609/753-2540 HST 609/753-2605 (V32bis) |
| Massive File Collection - Over 45,000 Files OnLine - 250 Newsgroups |
+---+

253. Nellis AFB/Area 51/and13/

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:09:00 UTC
From: roger.cravens@pics.com
Message-ID: <5405.449.uupcb@pics.com>
Source record: 270813

(Continued from previous message)

166.2130 WHCA/SS "HOTEL"
406.0000 WHCA/SS AIR FORCE 1
415.4500 WHCA/SS AIR FORCE 1
305.0000 WHCA/SS AIR FORCE 1 & 2 UHF SAT LINK (WBFM)
361.6000 WHCA/SS AIR FORCE 1 COMMUNICATIONS "UNIFORM"
165.2130 WHCA/SS CAR TO CAR/SOME FIELD OFFICES REPEATERS "MIKE"
067.8250 WHCA/SS DUPLEX MOBILE PHONE PRES RESIDENCE KILO-1
167.7875 WHCA/SS ESCORT PRESIDENT GUARD "BAKER"
169.9250 WHCA/SS EXECUTIVE BRANCH MESSENGER SERVICE
162.6875 WHCA/SS HIGH BAND PHONE PATCH-PAIRED W/ZULU "YANKEE"
171.2875 WHCA/SS HIGH BAND PHONE PATCH-PAIRED W/YANKEE "ZULU"
166.4000 WHCA/SS INPUT TO REPEATER "CHARLIE"
165.3750 WHCA/SS LESSER PERSON GUARD "CHARLIE"
166.7000 WHCA/SS MOTORCADE-CAR TO CAR "QUEBEC"
165.6500 WHCA/SS POINT TO POINT TACTICAL "TANGO"
164.8875 WHCA/SS PRESIDENT'S GARAGE & SECONDARY CP "OSCAR"
046.7500 WHCA/SS PRESIDENT'S HELICOPTER
165.0250 WHCA/SS PRESS BUSINESS FREQ-BACKUP STAFF "NOVEMBER"
166.4625 WHCA/SS TREASURY COMMON "X-RAY"
407.9250 WHCA/SS US TREASURY GUARD SERVICE "INDIA"
162.8500 WHITE HOUSE STAFF
168.7870 WHITE HOUSE STAFF
165.9250 WHITE HOUSE STAFF-OPERATIONS
289.4000 WORLDWIDE MILAVIA MIL AIRCRAFT CLEARANCE DELIVERY
272.7000 WORLDWIDE MILAVIA MIL AIRCRAFT FAA FLIGHT SERVICE STATIONS
225.4000 WORLDWIDE MILAVIA MIL AIRCRAFT GROUND CONTROL
304.8000 WORLDWIDE MILAVIA MIL AIRCRAFT HURRICANE HUNTER CHANNEL
348.6000 WORLDWIDE MILAVIA MIL AIRCRAFT MIL ACFT. TO FAA TOWERS
305.4000 WORLDWIDE MILAVIA MIL AIRCRAFT MIL AIRCRAFT RDF
275.2000 WORLDWIDE MILAVIA MIL AIRCRAFT MIL CONTRACTORS
314.6000 WORLDWIDE MILAVIA MIL AIRCRAFT MIL CONTRACTORS
345.4000 WORLDWIDE MILAVIA MIL AIRCRAFT MIL CONTRACTORS
382.6000 WORLDWIDE MILAVIA MIL AIRCRAFT MIL CONTRACTORS
239.8000 WORLDWIDE MILAVIA MIL AIRCRAFT PMSV PILOT TO FORECASTER
375.2000 WORLDWIDE MILAVIA MIL AIRCRAFT PMSV PILOT TO FORECASTER
235.1000 WORLDWIDE USAF MIL AIRCRAFT USAF AERIAL REFUELLING CHANNEL
238.7000 WORLDWIDE USAF MIL AIRCRAFT USAF AERIAL REFUELLING CHANNEL
254.6000 WORLDWIDE USAF MIL AIRCRAFT USAF AERIAL REFUELLING CHANNEL
340.8600 WORLDWIDE USAF MIL AIRCRAFT USAF AERIAL REFUELLING CHANNEL

. QMPro 1.52 . Blessed be the BBW, for she is a sex goddess

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+-------------------------------------------------------------------------+
| Pics OnLine MultiUser System 609/753-2540 HST 609/753-2605 (V32bis) |
| Massive File Collection - Over 45,000 Files OnLine - 250 Newsgroups |
+-------------------------------------------------------------------------+
```

254. Re: Beware of Marymac!

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:13:02 UTC
From: mikeb2962@aol.com
Message-ID: <31udhe$ha7@search01.news.aol.com>
Source record: 270793

In article <31tt6a$aul@search01.news.aol.com>, georgem1@aol.com (GeorgeM1) writes:

George,

Sorry to hear about your 43. The 20% restocking fee, however, is a well known fact. I have order three scanners from Marymac and have always had excellent service.

BTW, monitoring cellular is not legal <g>

Mike in Arkansas

255. BC220xlt reviews

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:16:11 UTC
From: ira@src.dec.com
Message-ID: <31udnb$8a7@src-news.pa.dec.com>
Source record: 270737

Would someone please send me a review(s) of the Bearcat BC220xlt scanner?
Thanks in advance.

regards,
Ira

256. Pro-2032

Newsgroup: rec.radio.scanner
Date: 1994-08-05 22:44:46 UTC
From: rexfalk@cscns.com
Message-ID: <Cu336M.wJ@usa.net>
Source record: 270732

Does anyone hace a mod to restore the entire 800 band to this model
Thanks.

--
rexfalk@cscns.com

257. Re: McDonald's Freqs (WH

Newsgroup: rec.radio.scanner
Date: 1994-08-05 23:19:04 UTC
From: af546@yfn.ysu.edu
Message-ID: <31uhd8$edc@news.ysu.edu>
Source record: 270794

Like I said, it allows operation only on Business Only frequencies
in these bands. Nowhere in my post did I say I could use it on other
service's frequencies.
Though it does LEGALLY authorize operation on frequencies such as
27.430, 27.450 and others in the band you referred
--

258. Re: Beware of Marymac!

Newsgroup: rec.radio.scanner
Date: 1994-08-05 23:48:49 UTC
From: michaeha@soul.tv.tek.com
Message-ID: <31uj51$q3s@news.tv.tek.com>
Source record: 270740

In article <31udhe$ha7@search01.news.aol.com> mikeb2962@aol.com (MikeB2962) writes:
>In article <31tt6a$aul@search01.news.aol.com>, georgem1@aol.com (GeorgeM1)
>writes:
>
>George,
>
>Sorry to hear about your 43. The 20% restocking fee, however, is a well
>known fact. I have order three scanners from Marymac and have always had
>excellent service.
>
>BTW, monitoring cellular is not legal <g>
>
>Mike in Arkansas

The problem is that the guy lied to him just to sell a scanner. Marymac did the exact same thing to me. They guys name was Joe. He told me when I ordered it that it was 100% modifiable. Then when, I read on the net a week or so later that non-restorable ones were hitting the market, I called them back and Joe said "If you're not satisfied just return the product." As soon as I hung up the phone I rushed to the nearest Radio Shack and bought a modifiable one on my credit card. Then next day the Marymac one came in (Non-restorable of course) which I quickly returned to Radio Shack. Everything worked out fine for me but I'll never buy from them again and I tell everyone I know not to either. What a bunch of slimey little weasels. I now believe in buying locally even if it costs a little more.

Mike

259. Re: Frequency Publisher Arrested

Newsgroup: rec.radio.scanner
Date: 1994-08-05 23:49:18 UTC
From: af546@yfn.ysu.edu
Message-ID: <31uj5u$f19@news.ysu.edu>
Source record: 270741

You can not go on posted private property to retrive others trash

.....thats criminal trespassing or in Fla. prowling.
--

260. Re: My $.02 on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-08-05 23:58:54 UTC
From: kjn@netcom.com
Message-ID: <kjnCu36M8.BBD@netcom.com>
Source record: 270814

David Bashaw (dbashaw@synoptics.com) wrote:
: In article 9mv@ncar.ucar.edu, jksmith@platypus.atd.ucar.edu (Jeff Smith) writes:

: I remember a friend who had one of those HBO antennas on his house in the
: pre-scrambling days. The local provider (cable co or HBO offic I don't know)
: went on a rampage and sent trucks scouting these offending sites (residential
: neighbourhoods) and issued a letter stating that a decision be made, pay-up or
: get sued, and the offending antenna must come down. This cost him several
: hundred dollars but kept him out of court. Apparently lawyers and courts don't
: think that just because you can receive a signal you deserve too. Also, Another
: guy on the same street had his antenna in his attic. No lawyers or letters. So
: I guess its only illegal if you get caught :>)

I was one of the folks who purchased an over the counter receiver for HBO
because my community (Palo Alto) couldn't figure out how to slice up the
money from the cable companies. Consequently PA was one of the last on
the peninsula to get cable service.

When HBO decided to try and bully me, I refused to budge. They kept
sending me threats about court action but decided it probably wasn't in
their best interest to follow thru with it. I know that most everyone
else in the community paid the $300.00 requested by HBO and took
their antenna down. Although I no longer live there, the antenna remains
today. No nasty letters from Showtime or HBO were ever received again...

Eventually, I installed a satellite dish but refused to by a pirate
descrambler. I opted to be legal and pay for the services that I wanted
to see.

If I were a cell phone user and wanted privacy I wouldn't expect it to
come from the restriction of your right to listen. I'd encrypt my cell
phone. The responsibility should remain with the user of a service, not
the rest of the public. In addition to letting the public listen, I'd also
extend the privilige to any law enforcement agency. If you're silly
enough to discuss criminal activity openly over the air then Darwinism
dictates you should learn from your stupidity...

Whether you like it or not, if it should be legal for all of us to monitor
a frequency then it should be legal for *THEM* to listen in also. Users
of cell phones and cordless phones should be educated that they have no
implied right of privacy unless they choose to encrypt. If, however, the
signal is encrypted I would have no objection for it to be a crime to
decode it without prior authorization.

--
Ken Navarre

kjn@netcom.com

261. Re: Freedom of Informati

Newsgroup: rec.radio.scanner
Date: 1994-08-06 00:05:42 UTC
From: kjn@netcom.com
Message-ID: <kjnCu36xI.C51@netcom.com>
Source record: 270815

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: In article <2d.9409.603.0N850BF4@exchange.com> john.tant@exchange.com (John Tant)
writes:

: >>>>Message-ID: <0005FD52.fc@aardvark.bah.rochester.ny.us>
: >>Newsgroup: rec.radio.scanner
: >>Organization: Aardvark Burrow BBS 1716-383-1372 (data)

: >> Try taking a look at this file... It should help
: >>** Via the Aardvark Burrow BBS - 1-716-383-1372**

: >>(This file must be converted with BinHex 4.0)
: >>:%d0TG'PkC@jc)%C258%J4h9TC'8!9%9B9(4dH(3!N!-"DBN!N!4r48%J3fPdDAT
: >>PER-J4h9TC'8JEfiJ9A0TEQFJG'KP)%CbC@9NEfdJEfBJ5@jQEh*YBA4TEfiJ3@0
: >>d)'&ZC#"dD'808(*TGQ&MH5!J3@0d)#"[CL!a16Fd)(4[)&*PFA9PFh3J4fpfCA*

: >If it's so all-fired important that it rates 5 rather large msgs
: >in the newsgroup, why don't you convert the @@## thing before you
: >send it. I don't have BinHex 4.0 and I'll bet a lot of others
: >don't either.

: Most people don't have BinHex 4.0 because most people don't have MacIntoshs.
: This is a Mac archive format.

Perhaps someone might be *so kind* as to convert it and post the
conversion or advise of an ftp site where it could be obtained.

thanks!
--
Ken Navarre
kjn@netcom.com

262. Re: Pirate Cell Radio

Newsgroup: rec.radio.scanner
Date: 1994-08-06 01:24:58 UTC
From: dmunroe@vcd.hp.com
Message-ID: <Cu3ALn.HuK@vcd.hp.com>
Source record: 270819

John Quill Taylor <jqtaylor@boi.hp.com> wrote:

>Has anyone anywhere started a pirate radio cell station? Here's my idea.
[...]
>You could do QSLs and everything!

Whenever I talk on my cellphone, I'm acutely aware that there's an audience out there. Often I'll say wild and outrageous things just because of that. I hadn't thought about QSL cards - that would be cute if you had a P.O.Box and didn't have to give out your address.

But what about real pirate stations? The latest issue of _Monitoring Times_ lists quite a few stations, a lot of which seem to be in the lower part of the commercial AM band (e.g. 743 kHz). Has anyone ever heard one or gotten a QSL card from one?

-Dave

I won't allow myself to be drawn into a debate about the alleged superiority of Coors vs. Budweiser, but I *will* say that such a discussion would be a lot like arguing the relative merits of gonorrhea and syphilis. -Geoff Miller
---

263. Glenview, IL NAS, Memphis NAS, Fort Worth NAS Joint Reserve Base

Newsgroup: rec.radio.scanner
Date: 1994-08-06 01:53:02 UTC
From: bsaladino@aol.com
Message-ID: <31uqdu$mm8@search01.news.aol.com>
Source record: 270796

All,

I live near Fort Worth, TX where the old Carswell AFB has been closed and reassigned to AF reserve units, and now Marine units. The new name is Naval Air Station Fort Worth, Joint Reserve Base.

According to the Fort Worth Star-Telegram Page 16 8/2/94 the Marine Aerial Transport Refueler Squadron number 234 from Glenview, IL and the Marine Air Traffic Control Squadron number 28 from Memphis, TN have already been relocated here.

Does anyone have any frequency information on these units that might carry over to the new base? I guess the local refueling tracks will still apply, unless AF and Marines use different tracks and frequencies. Any ideas?

Can anyone offer any insight into the ATC squads mission?

Thanks,
Ben Saladino KC5IRJ
Hurst, TX

264. Re: BC 2500 XLT any good ?

Newsgroup: rec.radio.scanner
Date: 1994-08-06 02:11:05 UTC
From: fire615@aol.com
Message-ID: <31urfp$n3v@search01.news.aol.com>
Source record: 270821

In article <rob.775929814@cygnus.com>, rob@cygnus.com (Rob Savoye) writes:

I BELIEVE UNIDEN HAS WORKED THE BUGS OUT OF THE BC2500, ALSO HEARD THEY
ARE COMING OUT WITH THE BC3000 BUT I HAVE NO INFO ON THEM. I CAN SELL THE
BC2500 FOR $359.00 IF YOU ARE INTERESTED. MANY OTHER MODELS ALSO, DONT
HAVE AOR THOUGH

265. Re: Best Scanner under $250

Newsgroup: rec.radio.scanner
Date: 1994-08-06 02:15:07 UTC
From: fire615@aol.com
Message-ID: <31urnb$n87@search01.news.aol.com>
Source record: 270822

In article <31q5kj$f3k@news.tamu.edu>, cschmidt@diralect.me.pvamu.edu (Chris Schmidt) writes:

IF YOU WANT A GOOD SCANNER FOR UNDER $250.00 THAT IS MODIFIABLE YOU WANT THE BEARCAT 760XLT. I HAVE THEM FOR $209.00. IF YOU SEND A S.A.S.E. OR $1.00 TO MKC ELECTRONICS, P.O. BOX 586, SWANSEA, MA 02777 I WILL SEND YOU A CATALOG WITH SPECS ON UNIDEN SCANNERS

266. Re: Colorado freqs, Nat'l parks too

Newsgroup: rec.radio.scanner
Date: 1994-08-06 03:34:37 UTC
From: jwdxt@csn.org
Message-ID: <Cu3GLp.J5u@csn.org>
Source record: 270725
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Sherrod Munday (Sherrod.Munday@launchpad.unc.edu) wrote:
: Anyone have freqs for the national parks in Colorado? Specifically, I'll
: be spending next week in Rocky Mountain National Park, and am interested
: in the park service, rangers, etc., frequencies. Also, park fire freqs,
: and local PD/resuce, etc? (I'll be searching ftp sites too...)

: Sherrod
Here are a few - You might want to drop the $10 for a Police Call at Radio
Shark - it lists a lot more than I will here.

For Rocky Mountain Nat'l Park I know two:
166.350 168.350

You'll be in or near Roosevelt Nat'l Forrest:
169.175 and 169.875

You'll probably also be in or near Estes Park:
Police - 155.910 159.135

Larimer County Sheriff:
154.710 155.130 154.295 155.565

Larimer County Search & Rescue
155.205 055.265

Hope you enjoy your trip!
Jim
KB0MED

267. 800mhz ban???

Newsgroup: rec.radio.scanner
Date: 1994-08-06 03:54:31 UTC
From: jchiang@ecn.uoknor.edu
Message-ID: <31v1hn$jjd@constellation.ecn.uoknor.edu>
Source record: 270798

What is this illegal 800mhz stuff? The Radio shacks around here are selling Pro-51 scanners, which are 800mhz modifiable by the keypad, and they say they aren't discontinuing them. Wal-Mart had 6 or 7 scanners that claimed 800mhz capability.

What is this?

268. Mods for for Pro 41

Newsgroup: rec.radio.scanner
Date: 1994-08-06 05:04:45 UTC
From: telidon@freenet.vancouver.bc.ca
Message-ID: <31v5ld$pu9@freenet.vancouver.bc.ca>
Source record: 270791

Can someone email with the mods for a Radio Shack Pro 41 scanner, that is if there is a mod possible. The scanner was purchased in Canada if this is of any assistance.

Thanx in advance...

PS you can email me a geoff.steuernol@deepcove.com :)

269. Re: Fast Food Freq. collection

Newsgroup: rec.radio.scanner
Date: 1994-08-06 05:40:51 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Aug5.214051.4355@cmkrnl>
Source record: 270795

In article <pwd-020894170919@17.130.21.21>, pwd@apple.com
(Patrick W. P. Dirks) writes:
> [...]
> Note that some frequencies seem particularly popular for internal use:
> 82.5MHz, 88.5MHz, and 100.0MHz are used exclusively for private lines.
> These might be worth programming specifically.

That's bizarre. 82.5 is damn near centered on the video carrier of TV channel 6, and 88.5 and 100.0 are of course in the FM broadcast band -- the latter isn't even a valid FM channel. I can't imagine the FCC authorizing anything but a "Mr. Microphone"-like Part 15 gadget in the FM band, and I don't think there's any equivalent to such gadgets for the TV band.

Are you sure about those three, Patrick? Where did those numbers, specifically, come from? Maybe whoever heard these was really listening to images?

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

270. Re: RS New 1,000 Channel Scanner

Newsgroup: rec.radio.scanner
Date: 1994-08-06 05:44:55 UTC
From: Reid.G
Message-ID: <Reid.G-0508942144550001@17.127.11.205>
Source record: 270729

So, ok it has 1000 memories, what are the rest of the specs?

RotnApple

In article <1994Aug2.234335.9068@midway.uchicago.edu>,
gary@midway.uchicago.edu wrote:

> For those of you wondering. . .
>
> PRO 2035 stock #20-460 price $450.00
>
> RS Store manager told me he could get me one in two weeks
> or less if I prepaid.
>
> Gee, AOR8000 or the PRO 2035?
>
> Gary
>
> --
> Gary Buchholz / KE9ZM Internet: gary@midway.uchicago.edu
> University of Chicago Packet: KE9ZM@N9HSI.IL.USA.NA
> Academic and Public Computing
> 1155 East 60'th St., Chicago, Ill. (312) 702-7611
RotnApple

271. Military Satellite freqs?

Newsgroup: rec.radio.scanner
Date: 1994-08-06 06:28:03 UTC
From: csdfg@selway.umt.edu
Message-ID: <1994Aug6.062803.10295@selway.umt.edu>
Source record: 270735

I recently built the 262 MHz satellite antenna described in the August issue of MT. Could someone/anyone point me in the right direction to obtain, online, transponder frequencies for some of these satellites? Any help will be appreciated. Thanx.

David F. Glass, KB7ZGX
Missoula, MT
csdfg@selway.umt.edu

272. Re: Pirate Cell Radio

Newsgroup: rec.radio.scanner
Date: 1994-08-06 12:59:21 UTC
From: jdgan@freenet3.scri.fsu.edu
Message-ID: <3201f9$edj@freenet3.scri.fsu.edu>
Source record: 270817

John Quill Taylor (jqtaylor@boi.hp.com) wrote:

: Has anyone anywhere started a pirate radio cell station? Here's my idea.
: First, you have to have some money and no life. Then, use an hour of air-
: time every night to broadcast your own show over the airwaves. Of course
: it's really anti-pirate, because it's legal to broadcast (you paid for
: the phone and air time) but illegal to listen! You could do QSLs and
: everything! No DX though... Has anyone ever done this? Just curious...

Yeah, right! Didn't I see this tactic on "COPS"? They send out letters
to wanted people saying they have won something but have to show up at
a specific address to claim the "prize". Everyone is arressted when
the show up. QSL request would be an admission of guiltilt.

: __
: John Quill Taylor / /\
: Writer at Large / / \
: Hewlett-Packard, Storage Systems Division __ /_/ /\ \
: Boise, Idaho U.S.A. /_/\ __\ \ _\ \
: e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
: Telephone: (208) 396-2328 (MDT = GMT - 6) \ \ \/ \\ \ /
: Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
: 11413 Chinden Blvd \ \ \ \ \\ \ \
: Boise, Idaho 83714 \ \ _\/ \ \ \
: Mailstop 230 \ \ \ _\/
: _\/
: "When in doubt, do as doubters do." -jqt

273. Re: 800mhz ban???

Newsgroup: rec.radio.scanner
Date: 1994-08-06 13:58:02 UTC
From: subcontrol@aol.com
Message-ID: <3204ta$8r1@search01.news.aol.com>
Source record: 270818

In article <31v1hn$jjd@constellation.ecn.uoknor.edu>,
jchiang@ecn.uoknor.edu (Jiayo Chiang) writes:

..What is this illegal 800mhz stuff? The Radio shacks around here are
..selling Pro-51 scanners, which are 800mhz modifiable by the keypad, and
..they say they aren't discontinuing them. Wal-Mart had 6 or 7 scanners
that
..claimed 800mhz capability.

NEVER believe anything that they tell you at Radio Shack or Wal-Mart! The
Congressional Ban doesn't specifically include 800Mhz. It simply states
that radio's capable of recieving Cellular Phone Conversations cannot be
manufactured or imported. So, any store that has these in their
inventory can sell them but once their gone, their gone.

Jeff, KE4AUT

274. Re: Pirate Cell Radio

Newsgroup: rec.radio.scanner
Date: 1994-08-06 15:28:59 UTC
From: domonkos@access.digex.net
Message-ID: <wFwGkiubG2MN066yn@access.digex.net>
Source record: 270750

I recently heard someone messing w/a cellular conversation in progress (he was whistling, making noises, etc.) The party involved didn't seem to hear him, I did though).

Andy

275. Re: Antenna connector

Newsgroup: rec.radio.scanner
Date: 1994-08-06 16:13:00 UTC
From: steve.andrews@lunatic.com
Message-ID: <4017.1347.uupcb@lunatic.com>
Source record: 270758

-=> Quoting Mike Mayer to All on 08-06-94 02:17 about Antenna connector<=-

MM> I had the same thing happen on a couple of scanners. I opened the
MM> case only to find the solder connections were loose. Got the
MM> ol' gun fired up, globbed a little more solder on the joints,
MM> and all was fine. If your antenna connection has a nut, make
MM> sure it is tight. Chances are you trouble is the antenna connection
MM> inside, not the female conductor part. Hope it helps.

Thanks Mike, thats what I've been thinking also as of late. I
wedged a small strip of wire in the hole to make a firmer contact
and still the same problem. So I'll crack the case and check the
joints. Thanks!

-steve
___ Blue Wave/QWK v2.12

-=-=-=

276. New Snobird freq

Newsgroup: rec.radio.scanner
Date: 1994-08-06 19:01:06 UTC
From: msaran@olympus.net
Message-ID: <320mli$q0e@olympus.net>
Source record: 270726

Used today in Seattle and last year at Abottsford B.C.

245.75 am

--
Mark Saran
msaran@olympus.net

277. Scanner Recommendations

Newsgroup: rec.radio.scanner
Date: 1994-08-06 19:05:59 UTC
From: hwang@netcom.com
Message-ID: <hwangCu4npz.14v@netcom.com>
Source record: 270824

I'm currently in the market for a base scanner. I'm leaning toward the 2006 after reading all the good things about it. Are there any other scanners I should consider with similar performance and price (perferably cellular modifiable)?

How about the Bearcat 85000XLT-J? I've seen it discounted to put it in the 2006 price range.

Whats the word on the 2036? I like the rotary knob, but the RS salespeople were no help at all when it came to comparing it to the 2006.

Thanks for any help.

--

Ed Hwang hwang@netcom.com
San Jose, California

278. Freq. Counters: Optoelect. vs. Startek.. Opinions?

Newsgroup: rec.radio.scanner
Date: 1994-08-06 19:48:44 UTC
From: mjr@crl.com
Message-ID: <320pes$3oj@crl3.crl.com>
Source record: 270727

I am considering the purchase of a medium to high end frequency counter. Primary mission will be to quickly identify tactical frequencies in use on site with various incident drills. It must be small, operate quickly, and be easily readable in bright sunlight as well as low light conditions.

The Optoelectronic and Startek series seem to be the ones most often advertised. Startek come in about 20% less expensive then Optoelectronic for similar features. Most of them are smaller in size as well.

Does anyone have any opinions about these two competitors? Are there yet better and more cost effective counters to be found anywhere?

Thanks much

--
matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70371,255 Internet: mjr@crl.com

279. Re: Beware of Marymac!

Newsgroup: rec.radio.scanner
Date: 1994-08-06 21:03:11 UTC
From: malxndr@aol.com
Message-ID: <320tqf$i46@search01.news.aol.com>
Source record: 270731

In article <31uj51$q3s@news.tv.tek.com>, michaeha@soul.tv.tek.com (Mike Harris) writes:

I bought a 2006 from Marymac with incident. For what it's worth now, whenever you buy by mail order, you must be very specific about what you what and to ask direct questions about every single detail. Then, use a credit card and if the product is not what you ordered, send it back (no restocking, not other fees) and write a letter to your credit card issuer saying the vendor stiffed you and that you returned the product. They card company will immediately credit you card and go to the vendor to square it up on that end. I did exactly that with an order for more than $3000 worth of furniture (what I got was not what I ordered and then the retailer tried to weasel out of it). The credit card company I worked with was terrific about it--immediate credit on my card and they really pressure the sleeze retailer to come pick up his nasty stuff. God, I love America! :-)

280. Re: 800mhz ban???

Newsgroup: rec.radio.scanner
Date: 1994-08-06 22:24:02 UTC
From: vhealey@crl.com
Message-ID: <3212i2$7d2@crl2.crl.com>
Source record: 270734

In article <31v1hn$jjd@constellation.ecn.uoknor.edu>,
Jiayo Chiang <jchiang@ecn.uoknor.edu> wrote:
>
>What is this illegal 800mhz stuff? The Radio shacks around here are
>selling Pro-51 scanners, which are 800mhz modifiable by the keypad, and
>they say they aren't discontinuing them. Wal-Mart had 6 or 7 scanners that
>claimed 800mhz capability.
>
>What is this?

Means that you still can't assume what you discuss on cellular
telephone will be private. Cellular privacy is a joke IMHO. Its a good
thing for the cellular industry not too many are aware of that joke or
they could not sell as much to an unsuspecting public.

Ki4je

281. Request -- Taos NM freqs

Newsgroup: rec.radio.scanner
Date: 1994-08-06 23:54:59 UTC
From: mike@dra.com
Message-ID: <3210vm$84b@indigo.dra.com>
Source record: 270757

Looking for police and fire frequencies for the Taos NM area. Also interested in the frequencies the Air Force uses in their refueling and fighter ops near Taos and the frequencies used by the Air Guard choppers out of Santa Fe.

Thanks for any help.

Mike

282. Re: 800mhz ban???

Newsgroup: rec.radio.scanner
Date: 1994-08-07 00:37:09 UTC
From: g9153402@huey.csun.edu
Message-ID: <321abl$p4s@nic-nac.CSU.net>
Source record: 270738

Jiayo Chiang (jchiang@ecn.uoknor.edu) wrote:

> What is this illegal 800mhz stuff? The Radio shacks around here are
> selling Pro-51 scanners, which are 800mhz modifiable by the keypad, and
> they say they aren't discontinuing them. Wal-Mart had 6 or 7 scanners that
> claimed 800mhz capability.

> What is this?

Does that mean I should purchase a Radio Shack Pro-51 which is on sale
for $200, that can scan 806-823 851-868 896-956Mhz frequency ranges?
Once they are out of these are they not going to manufacture them again?
I'm also confused.

283. Re: 800mhz ban???

Newsgroup: rec.radio.scanner
Date: 1994-08-07 02:15:00 UTC
From: randy.true@cccbbs.cincinnati.oh.us
Message-ID: <2063.573.uupcb@cccbbs.cincinnati.oh.us>
Source record: 270754

-=> Quoting Berton Corson to All <=-

BC> Jiayo Chiang (jchiang@ecn.uoknor.edu) wrote:

> What is this illegal 800mhz stuff? The Radio shacks around here are
> selling Pro-51 scanners, which are 800mhz modifiable by the keypad, and
> they say they aren't discontinuing them. Wal-Mart had 6 or 7 scanners that
> claimed 800mhz capability.

> What is this?

BC> Does that mean I should purchase a Radio Shack Pro-51 which is on sale
BC> for $200, that can scan 806-823 851-868 896-956Mhz frequency ranges?
BC> Once they are out of these are they not going to manufacture them
BC> again? I'm also confused.

OK, enough already.
There is no 800mhz ban.
Scanners capable of receiving the Cellular portion of the 800mhz band are
the only one affected. Basicaly, the new scanners cannot be capable of
receiving, or be easily modified to receive the cellular portion of the
band. They (dealers) are still allowed to sell all of the Cellular capable, or
easily modifiable scanners that they have in stock. When those are gone, thats
it.

Randy

___ Blue Wave/QWK v2.12

284. Re: Freedom of Informati

Newsgroup: rec.radio.scanner
Date: 1994-08-07 02:28:12 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug6.212812.2749@hnrc.tufts.edu>
Source record: 270742

In article <brett_miller.435.0011C073@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
> Most people don't have BinHex 4.0 because most people don't have MacIntoshs.
> This is a Mac archive format.

In fact, there *is* a PC version, available on SimTel. I've given up on it because most of the time it doesn't unencode properly, but it does exist. (I've taken to uuencoding, myself.)

285. Re: My $.02 on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-08-07 02:35:38 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug6.213538.2750@hnrc.tufts.edu>
Source record: 270743

In article <kjnCu36M8.BBD@netcom.com>, kjn@netcom.com (Ken Navarre) writes:
> If, however, the
> signal is encrypted I would have no objection for it to be a crime to
> decode it without prior authorization.

This is something I'm still trying to come to grips with, myself. If the decryption requires obtaining stolen equipment, I agree 100%. If it requires bootleg equipment (e.g., manufactured in violation of someone's patent) sold for profit, I can still agree. But if a listener can come up with a homebrewed device, I'm no longer so sure. If the principle is, "If it passes through me, it's mine to do with as I please" I would prefer it not be a crime to decrypt if it can be accomplished without purloined materials.

286. Re: Best Scanner under $250

Newsgroup: rec.radio.scanner
Date: 1994-08-07 02:42:20 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug6.214220.2751@hnrc.tufts.edu>
Source record: 270744

In article <31urnb$n87@search01.news.aol.com>, fire615@aol.com (FIRE615) writes:
> In article <31q5kj$f3k@news.tamu.edu>, cschmidt@diralect.me.pvamu.edu
> (Chris Schmidt) writes:
>
> IF YOU WANT A GOOD SCANNER FOR UNDER $250.00 THAT IS MODIFIABLE YOU WANT
> THE BEARCAT 760XLT. I HAVE THEM FOR $209.00. IF YOU SEND A S.A.S.E. OR
> $1.00 TO MKC ELECTRONICS, P.O. BOX 586, SWANSEA, MA 02777 I WILL SEND YOU
> A CATALOG WITH SPECS ON UNIDEN SCANNERS

(1) I would prefer that such notices be sent as replies rather than followups. Can't say why for sure as I have no objection to those with no financial interest recommending vendors. Just one person's opinion. I post this to the net rather than reply privately to the poster because I have seen many such postings of late and am curious as to others' reactions.

(2) People interested in modifiable scanners should be sure to check on what step sizes are available when the scanner is modified for extended RX. Many have been disappointed to find only 12.5kHz available when 30kHz was preferred.

287. Re: Beware of Marymac!

Newsgroup: rec.radio.scanner
Date: 1994-08-07 02:59:59 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug6.215959.2754@hnrc.tufts.edu>
Source record: 270745

In article <320tqf$i46@search01.news.aol.com>, malxndr@aol.com (Malxndr) writes:
> In article <31uj51$q3s@news.tv.tek.com>, michaeha@soul.tv.tek.com (Mike
> Harris) writes:
>
> I bought a 2006 from Marymac with incident.

I hope you meant "without". This thread is making me nervous as I wait for
thr PRO-51 I ordered last Thursday. The advice you posted saved me from
typing it.

> For what it's worth now,
> whenever you buy by mail order, you must be very specific about what you
> what and to ask direct questions about every single detail.

In particular, specify the part number *exactly*.

> Then, use a
> credit card and if the product is not what you ordered, send it back (no
> restocking, not other fees) and write a letter to your credit card issuer
> saying the vendor stiffed you and that you returned the product. They card
> company will immediately credit you card and go to the vendor to square it
> up on that end.

I would consider doing it even at this late date. In order to give
them the benefit of the doubt, I'm trying to think of a way Marymac could have
misunderstood the question. I am not being successful.

288. Disconne ant. worth it?

Newsgroup: rec.radio.scanner
Date: 1994-08-07 03:19:00 UTC
From: Richard Ingels <ringelsak@igc.apc.org>
Message-ID: <2092900006@cdp>
Source record: 270759

I just bought a scanner (Pro 2030). I am considering a different antennae, but I don't know if it is worth it to buy one or just use the telescope ant. it came with. Any advice? I use the 30-50, 133, and 800 MHz ranges. Is the RS disconne ant. worth it? Or would I be able to buy something cheaper but just as good? What about when I go mobile? Sorry if this is FAQ, I don't know where they are.

289. Viacom Frequencies for SF

Newsgroup: rec.radio.scanner
Date: 1994-08-07 03:27:14 UTC
From: slee@netcom.com
Message-ID: <sleeCu5AxF.C6J@netcom.com>
Source record: 270747
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone have the frequencies for Viacom Cablevision in SF?
--
****
Sherwin Lee
slee@netcom.com or slee@eis.calstate.edu
****

290. Re: info on DDI? (digital data interpreter)

Newsgroup: rec.radio.scanner
Date: 1994-08-07 04:08:51 UTC
From: pgut1@cs.aukuni.ac.nz
Message-ID: <321moj$h9u@ccu2.auckland.ac.nz>
Source record: 270860
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

jwh@kaiwan.com (John W. Herndon) writes:

>As far as using your sound blaster, the answer is yes. I was able to pull off
>cell information (actually and friend and I) using a simple digital sampling
>program. I want to say Blaster Master, but I recall the resolution wasn't
>fine enough. I'll have to ask him which program we used. We were using 8bit
>44kHz sampling with the scanner plugged directly into the soundcard (no
>microphones.) With this one program we were able to zoom in on enough of the
>handoff information to start to decode it (it uses a form of FSK.) In 0's and
>1's. After many long attempts at getting this to work 100%, we quit. It
>worked, but it was way too hard.

This sounds like a rather painful way to do it. TACS uses 8 kbit/sec PSK for the control channel, which is much easier to decode in hardware than software (in fact it's not hard at all to do in hardware). The real challenge isn't TACS but GSM, which basically can't be done unless you have a lot of money, time, or both (GSM uses burst transmissions, TDM, frequency-hopping controlled by the control channel, convolutional coding for error control, the ability to stuff control information into the traffic channel, and so on and so on, all of which make monitoring quite tricky even before the speech compression and encryption are taken into account).

Peter.

291. Re: Best Scanner under $250

Newsgroup: rec.radio.scanner
Date: 1994-08-07 04:21:50 UTC
From: copeland@metronet.com
Message-ID: <Cu5DGE.B4L@metronet.com>
Source record: 270749

In article <1994Aug6.214220.2751@hnrc.tufts.edu>,
Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
>In article <31urnb$n87@search01.news.aol.com>, fire615@aol.com (FIRE615) writes:
>> In article <31q5kj$f3k@news.tamu.edu>, cschmidt@diralect.me.pvamu.edu
>> (Chris Schmidt) writes:
>>
>> IF YOU WANT A GOOD SCANNER FOR UNDER $250.00 THAT IS MODIFIABLE YOU WANT
>> THE BEARCAT 760XLT. I HAVE THEM FOR $209.00. IF YOU SEND A S.A.S.E. OR
>> $1.00 TO MKC ELECTRONICS, P.O. BOX 586, SWANSEA, MA 02777 I WILL SEND YOU
>> A CATALOG WITH SPECS ON UNIDEN SCANNERS
>
>(1) I would prefer that such notices be sent as replies rather than followups.
>Can't say why for sure as I have no objection to those with no financial
>interest recommending vendors. Just one person's opinion.

I stinks because his public reply is really an advertisement to all. No
one wants the internet to be swapped with junk mail by commercial
advertisers. I believe there is a lawyer is Arizona who learned this the
hard way ;-)

>I post this to the
>net rather than reply privately to the poster because I have seen many such
>postings of late and am curious as to others' reactions.

Need I say more.

>(2) People interested in modifiable scanners should be sure to check on what
>step sizes are available when the scanner is modified for extended RX. Many
>have been disappointed to find only 12.5kHz available when 30kHz was preferred.

How true, most all the Uniden products have that incorrect spacing after
cellular mods, which makes this add even more disturbing.

--

| copeland@metronet.com |
---

292. Mods on the Pro-2006 and Pro-43 PLEASE!!!

Newsgroup: rec.radio.scanner
Date: 1994-08-07 04:32:15 UTC
From: dm281@cleveland.Freenet.Edu
Message-ID: <321o4g$43g@usenet.INS.CWRU.Edu>
Source record: 270748

I am new to this newsgroup, but I have heard that there are mods available for the Radio Shack Pro 2006 and Pro 43 that give access to the cellular frequencies, increase the channel directory, and speed up the hyperscan.

I already know of the mod to give the Pro-2006 access to the cellular frequencies, and I have tried it and it works!! If you can, please *e-mail* me info on the aforementioned mods and any additional ones that you may have. My e-mail address is dm281@po.cwru.edu.

Thanks,
Ken

--
kvlee@cco.caltech.edu | Caltech | GO
kvlee@romeo.caltech.edu | MCS #614 | CALTECH
dm281@po.cwru.edu | Pasadena, CA 91126-0001 | BEAVERS
"The actuality of thought is life." --Aristotle

293. BC855xlt Cellular Restoration

Newsgroup: rec.radio.scanner
Date: 1994-08-07 04:59:22 UTC
From: gwclark@dinoland.win.net
Message-ID: <3@dinoland.win.net>
Source record: 270755

I keep hearing that the BC855XLT can be modified to restore the cellular frequencies. But as yet have not found how to go about it.

Any Ideas?

GW

294. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-08-07 06:01:04 UTC
From: linley@netcom.com
Message-ID: <linleyCu5I1t.FGH@netcom.com>
Source record: 270751

In ye olden post steven@sgb.oau.org (Steven Bradley) spake...
>bill nelson (billn@hpcvaac.cv.hp.com) wrote:
>: steven@sgb.oau.org (Steven Bradley) writes:
>
> a person would be caught -listening- to cellular telephone calls. I
> believe to do this, they would need to come in breaking down the door
> yelling "Raid!" while the device was switched on and in use. Just
> suspecting, or looking at it when its not turned on, even though it
^^
> may be present, would not hold up in court -- as use would not be
^^
> provable -- and I can see it now -- a judge signing a search warrant
> because they believe a converter may be in use... HA HA...

Remember that the mere possession of RF amplifier capable of being used with
a CB is considered de facto evidence of use, unless you hold the appropriate
amateur radio license. Be careful here and don't laugh too soon!

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur radio: KE6EQZ
=-=-=-=-=-=-=-=-=-=-=-= "This is glue. Strong stuff." =-=-=-=-=-=-=-=-=-=-=-=

295. "WOODSTOCK '94" FREQS?

Newsgroup: rec.radio.scanner
Date: 1994-08-07 09:18:08 UTC
From: dra@pipeline.com
Message-ID: <3228sg$hrm@pipe1.pipeline.com>
Source record: 270756

I'll be at "Woodstock '94" in Saugerties, NY starting Tuesday (8/9). Anybody have any info on freqs being used by the promoters/on-site security etc?
I can report that no wireless mics will be used on the stages. I will hopefully be able to report...after the fact...on the myriad of activity I monitor there; I'll be equipped with a frequency counter and several scanners...unfortunately, search time will be limited.
<<DRA>>

296. Re: PRO-2006 finally discontinued...

Newsgroup: rec.radio.scanner
Date: 1994-08-07 13:45:45 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <Cu6sJ8.H1A@utnetw.utoledo.edu>
Source record: 270675
Cross-posted to: rec.radio.scanner,alt.radio.scanner

cschmidt@diralect.me.pvamu.edu (Chris Schmidt) writes:
>cscon0151@uoft02.utoledo.edu (Brad Steinman, N8ZRP) writes:
>
>>As of today, the Radio Shack computers in the US have listed the PRO-2006 as a
>>discontinued item. Another great scanner has the bit the dust.... :(
>
>>I can't wait to see the new 1000 channel Triple-conv scanner to come out
>>though!!!

> Was that the 400 channel that Rat Shack sold? Sad. What 1000
>channel triple conversion scanner? Rat Shack?
>
>chris

The 2006 is/was the 400 channel triple conversion base/mobile scanner (the
portable PRO-43 is also triple-conv).

Yep, Rat Shack is coming out with a 1000 triple conversion scanner soon.

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

297. Re: What if you hear ille

Newsgroup: rec.radio.scanner
Date: 1994-08-07 15:02:30 UTC
From: dleon@seas.smu.edu
Message-ID: <1994Aug7.150230.17647@seas.smu.edu>
Source record: 270760

In article <31p9bf$j2m@crl5.crl.com>,
David S. Eitelbach <dseitel@crl.com> wrote:
>
>
>Oh...so if it's okay legally, it's okay morally.
>
>
>David Eitelbach
>dseitel@crl.com

Not really. The previous poster mentioned that there is no CRIMINAL liability, but that the remedy would be CIVIL. Therefore, the person whose conversations were illegally intercepted by the scanner operator could sue the scanner operator in tort. IOW, it's still not okay legally, it just does not violate 4th Amendment protections.
In my Criminal Law class, we learned that as long as govt officials did not solicit or corroborate with the person who illegally obtained incriminating evidence against a third party then the evidence is admissible. Question: what if the govt agreed not to prosecute a thief who obtained evidence against a drug dealer by burglarizing the drug dealer's house in exchange for the thief's testimony, etc?

BTW, legal =! moral 100% of the time. It's legal to pass by a dying person on the street without offering help. That does not make it moral.

298. Re: Nellis AFB/Area 51/and1/1

Newsgroup: rec.radio.scanner
Date: 1994-08-07 17:24:19 UTC
From: tharrell@nmsu.edu
Message-ID: <3235c3$s09@dns1.NMSU.Edu>
Source record: 270761

Roger Cravens (roger.cravens@pics.com) wrote:
: And for those summer vacationers to the wonderful city of Nowhere, NV,
: here are a 'few' frequencies for the most controversial Air Force base
: probably in the world.....if anyone has any more, please advise:

: ===
: I have put these together for Nellis AFB, NV (Dreamland, Area 51, etc.)
: with a minor emphasis on Holloman AFB because there appears to be an
: operational connection between the two Air Forces bases. What this
: connection is remains to be seen to use here on the east coast (Atlanta,
: which is where this list originates).

The connection is probably the F117 Stealth fighter - there's a squadron
based at Holloman.
--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\--/

299. Request for Houston, TX freqs

Newsgroup: rec.radio.scanner
Date: 1994-08-07 17:30:06 UTC
From: shaga61@ursa.calvin.edu
Message-ID: <Cu6Dy7.CLJ@calvin.edu>
Source record: 270762

I will be travelling to Houston in two weeks and would appreciate any
frequencies anyone might have for the Houston area. Please email replies
since our site is having trouble with news.

Thanks!
Scott Haga
shaga61@calvin.edu

--

300. Cumberland County, Maine

Newsgroup: rec.radio.scanner
Date: 1994-08-07 17:47:04 UTC
From: cynth5655@aol.com
Message-ID: <3236mo$foi@search01.news.aol.com>
Source record: 270763

Does anyone have frequencies for Cumberland County, Maine? I've got the ones in "Monitor America" but would be pleased to have additional advice before I head up there.

Many thanks!

Cythnia

301. Re: New Snobird freq

Newsgroup: rec.radio.scanner
Date: 1994-08-07 17:48:22 UTC
From: tharrell@nmsu.edu
Message-ID: <3236p6$sbs@dns1.NMSU.Edu>
Source record: 270764

Mark Saran (msaran@olympus.net) wrote:
: Used today in Seattle and last year at Abottsford B.C.

: 245.75 am

From my understanding, the mil-air band has 0.1 MHz spacing. I think that this should actually be 245.700 am, which happens to be the Snowbirds' channel 11.

Or maybe Canadians do it differently.

T.J.
--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\--/

302. Ottawa (Canada) area freqs (LONG!)

Newsgroup: rec.radio.scanner
Date: 1994-08-07 18:54:54 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cu6Hvl.Mn7@freenet.carleton.ca>
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For anyone interested here is a long! list of Ottawa Canada frequencies

OTTAWA AREA FREQ LISTINGS PAGE 1

OTTAWA POL CADRE 142.230
OTTAWA POL F1 XJF83 142.095
OTTAWA POL F10 142.860
OTTAWA POL F2 XJF 27 142.485
OTTAWA POL F3 142.725
OTTAWA POL F4 TRAFFIC 142.995
OTTAWA POL F5 142.245
OTTAWA POL F6 139.680
OTTAWA POL F6 SIMPLEX 139.680
OTTAWA POL F7 142.305
OTTAWA POL F8 142.335
OTTAWA POL F9 142.425
OTTAWA POL LOCAL Rpt in ch.1 138.075
OTTAWA POL LOCAL Rpt in ch.2 138.465
OTTAWA POL LOCAL Rpt in ch.3 138.705
OTTAWA POL LOCAL Rpt in ch.4 138.975
OTTAWA POL LOCAL 142.275
OTTAWA POL LOCAL 142.770
OTTAWA POL LOCAL 150.560
OTTAWA POL LOCAL 151.505
OTTAWA POL PORTABLES 155.400
OTTAWA POL SIMPLEX 139.530
OTTAWA POL SIMPLEX 139.740
OTTAWA POL SIMPLEX 139.770
OTTAWA POL SIMPLEX 139.800
OTTAWA B/L PARKING ENF 411.862
OTTAWA POL RCMP 139.560
OTTAWA POL RCMP 139.590
OTTAWA POL RCMP 155.820
OTTAWA POL RCMP 410.287
OTTAWA POL RCMP 411.762
OTTAWA POL RCMP "A" DIV 155.700
OTTAWA POL RCMP "A" DIV 155.760
OTTAWA POL RCMP "A" DIV 155.800
OTTAWA POL RCMP BLDG SEC 410.087
OTTAWA POL RCMP F5 140.580
OTTAWA POL RCMP LOCAL 155.590
OTTAWA POL RCMP LOCAL 422.100
OTTAWA POL RCMP LOCAL 422.112
OTTAWA POL RCMP LOCAL 422.125
OTTAWA POL RCMP LOCAL 422.137

OTTAWA POL RCMP LOCAL 422.512
OTTAWA POL RCMP LOCAL 422.700
OTTAWA POL RCMP LOCAL 422.712
OTTAWA POL RCMP MOBILE 410.187
OTTAWA POL RCMP MOBILE 410.312
OTTAWA POL RCMP PARKING CTL 155.400
OTTAWA POL RCMP TRAFFIC CTL 155.100
OTTAWA POL RCMP TRAFFIC CTL 155.190
OTTAWA POL RCMP TRAFFIC CTL 155.370

OTTAWA AREA FREQ LISTINGS PAGE 2

OTTAWA POL RCMP TRAFFIC CTL 155.450
OTTAWA POL RCMP TRAFFIC CTL 155.670
OTTAWA FD LOCAL 154.370
OTTAWA FD LOCAL 159.390
OTTAWA FD LOCAL 159.830
OTTAWA FD ONTARIO FIRE MARSH 154.070
OTTAWA FD CFB UPLANDS 149.350
OTTAWA AMB AREA 148.210
OTTAWA AMB CARDIAC 142.890
OTTAWA AMB DISPATCH F2 148.210
OTTAWA AMB F1 150.100
OTTAWA AMB F2 DISPATCH 148.210
OTTAWA AMB F3 TACTICAL 149.605
OTTAWA AMB F4 PAGING 149.440
OTTAWA AMB LOCAL 148.665
OTTAWA AMB LOCAL 150.100
OTTAWA AMB MOBILE REPEATER 413.762
OTTAWA AMB OTTAWA TACTICAL 149.605
OTTAWA AMB OTTAWA-CARLETON 155.040
OTTAWA AMB PAGER CHANNEL 149.440
OTTAWA AMB UPPER OTTAWA 154.540
OTTAWA MIN ONT MIN TRANSP 143.940
OTTAWA GOV AGRICULTURE CANADA 160.095
OTTAWA GOV AUDITOR GENERAL 164.460
OTTAWA GOV BANK OF CANADA 153.380
OTTAWA GOV BANK OF CANADA 164.145
OTTAWA GOV CANADA POST 462.700
OTTAWA GOV DEFENCE RESEARCH 413.437
OTTAWA GOV IMMIGRATION 411.812
OTTAWA GOV EIC 461.662
OTTAWA GOV DOC 167.310
OTTAWA GOV ENVIRONMENT CANADA 151.860
OTTAWA GOV EXTERNAL AFFAIRS 141.030
OTTAWA GOV EXTERNAL AFFAIRS 141.480
OTTAWA GOV EXTERNAL AFFAIRS 141.765
OTTAWA GOV HOUSE OF COMMONS 172.170
OTTAWA GOV HOUSE OF COMMONS 172.680
OTTAWA GOV HOUSE OF COMMONS 172.860
OTTAWA GOV SEC HOUSE COMMONS 410.587

OTTAWA GOV SEC HOUSE COMMONS 411.062
OTTAWA GOV SEC HOUSE COMMONS 411.087
OTTAWA GOV SEC HOUSE COMMONS 411.187
OTTAWA GOV FED DEP PUB WORKS 167.520
OTTAWA GOV DPW SEC 163.680
OTTAWA GOV DPW SEC 163.740
OTTAWA GOV DPW SEC 172.710
OTTAWA GOV CFB UPLANDS MP'S 173.250
OTTAWA GOV EXTERNAL AFFAIRS 141.765
OTTAWA GOV EXTERNAL AFFAIRS 149.020
OTTAWA GOV MUSEUMS-SEC 141.150
OTTAWA GOV MUSEUMS-SEC 153.620

OTTAWA AREA FREQ LISTINGS PAGE 3

OTTAWA GOV NAC 168.870
OTTAWA GOV NAC 169.680
OTTAWA GOV NCC 162.260
OTTAWA GOV NCC 410.087
OTTAWA GOV NCC 410.262
OTTAWA GOV NCC 410.487
OTTAWA GOV ENVIRONMENT CANADA 162.400
OTTAWA GOV NATIONAL MANAGMENT 154.460
OTTAWA GOV REVENUE CANADA 163.530
OTTAWA GOV ROYAL CANADIAN MINT 151.655
OTTAWA GOV ROYAL CANADIAN MINT 153.620
OTTAWA GOV SENATE OF CANADA 172.350
OTTAWA GOV SENATE OF CANADA 172.740
OTTAWA GOV SOLICITOR GENERAL 148.470
OTTAWA GOV SUPREME COURT 173.880
OTTAWA GOV TRANSPORTATION 148.670
OTTAWA DIP US CONSULATE 165.180
OTTAWA MIL CFB UPLANDS FD 149.350
OTTAWA MUN BYLAW PARKING 166.770
OTTAWA MUN PARKS DEPARTMENT 166.770
OTTAWA MUN BUILDINGS 163.740
OTTAWA MUN WORKS 164.625
OTTAWA MUN ROADS 164.880
OTTAWA MUN SEWERS 165.750
OTTAWA MUN WORKS 167.235
OTTAWA MUN OBE BUSES 168.720
OTTAWA MUN WORKS 169.440
OTTAWA MUN WORKS 169.500
OTTAWA MUN RMOC WATER 167.640
OTTAWA MUN RMOC WORKS 410.037
OTTAWA MUN RMOC WORKS 411.712
OTTAWA MUN HUMANE SOCIETY 454.325
OTTAWA MRN BRITANNIA YACHT CL 156.425
OTTAWA UTL HYDRO 153.470
OTTAWA UTL ONTARIO HYDRO 49.320
OTTAWA UTL ONTARIO HYDRO 49.460

OTTAWA UTL OTTAWA GAS 452.900
OTTAWA UTL OTTAWA GAS 453.025
OTTAWA UTL PUBLIC UTILITIES 163.110
OTTAWA UTL PUBLIC UTILITIES 169.170
OTTAWA UTL UNION GAS 452.575
OTTAWA MISC CANADIAN RED CROSS 461.612
OTTAWA MISC HELIPORT 49.940
OTTAWA SEC ADT ALARMS 163.200
OTTAWA SEC CARLTON U 464.300
OTTAWA SEC COMMUNITY SEC 172.650
OTTAWA SEC GRANT SEC 451.575
OTTAWA SEC GREENBANK TOWERS 462.762
OTTAWA SEC RIDEAU CENTRE 451.125
OTTAWA SEC UNIVERSAL SEC 163.080
OTTAWA SEC WACKENHUT 451.650
OTTAWA SEC WACKENHUT 453.087

OTTAWA AREA FREQ LISTINGS PAGE 4

OTTAWA RCC TIME COMMUNICATIONS 451.150
OTTAWA RCC CHRISTIE & WALTER 163.740
OTTAWA TRU CLEARNET 853.4375
OTTAWA TRU CLEARNET 853.6875
OTTAWA TRU CLEARNET 853.9375
OTTAWA TRU CLEARNET 854.1875
OTTAWA TRU CLEARNET 854.4375
OTTAWA TRU CLEARNET 854.6875
OTTAWA TRU CLEARNET 854.9375
OTTAWA TRU CLEARNET 855.1875
OTTAWA TRU CLEARNET 855.4375
OTTAWA TRU CLEARNET 855.6875
OTTAWA TRU CLEARNET 855.9375
OTTAWA TRU CLEARNET 856.1875
OTTAWA TRU CLEARNET 856.4375
OTTAWA TRU CLEARNET 856.6875
OTTAWA TRU CLEARNET 856.9375
OTTAWA TRU CLEARNET 858.1875
OTTAWA TRU CLEARNET 858.4375
OTTAWA TRU CLEARNET 858.6875
OTTAWA TRU CLEARNET 858.9375
OTTAWA TRU CLEARNET 859.1875
OTTAWA TRU JOHNSON 1 853.937
OTTAWA TRU MOTOROLA 853.387
OTTAWA TRU MOTOROLA 853.437
OTTAWA TRU MOTOROLA 853.637
OTTAWA TRU MOTOROLA 853.887
OTTAWA TRU MOTOROLA 854.137
OTTAWA TRU MOTOROLA 854.187
OTTAWA TRU MOTOROLA 854.387
OTTAWA TRU MOTOROLA 855.787
OTTAWA TRU MOTOROLA 855.887

OTTAWA TRU MOTOROLA 856.087
OTTAWA TRU MOTOROLA 856.137
OTTAWA TRU MOTOROLA 856.287
OTTAWA TRU MOTOROLA 856.387
OTTAWA TRU MOTOROLA 856.537
OTTAWA TRU MOTOROLA 856.637
OTTAWA TRU MOTOROLA 856.787
OTTAWA TRU MOTOROLA 856.887
OTTAWA TRU MOTOROLA 858.187
OTTAWA TRU MOTOROLA 858.237
OTTAWA TRU MOTOROLA 858.437
OTTAWA TRU MOTOROLA 858.487
OTTAWA TRU MOTOROLA 858.687
OTTAWA TRU MOTOROLA 858.937
OTTAWA TRU MOTOROLA 858.987
OTTAWA TRU MOTOROLA 859.187
OTTAWA TRU MOTOROLA 859.237
OTTAWA PAG DIGITAL PAGING 159.390
OTTAWA PAG PAGING 143.685
OTTAWA PAG TAS 29.820

OTTAWA AREA FREQ LISTINGS PAGE 5

OTTAWA PAG TAS 30.220
OTTAWA PAG TAS 143.775
OTTAWA PAG TAS 148.165
OTTAWA PAG TAS 149.260
OTTAWA PAG TAS 164.400
OTTAWA PAG TAS 164.700
OTTAWA PAG TEL ANSW BUR 149.890
OTTAWA TAXI BLUE LINE TAXI 163.950
OTTAWA TAXI BLUE LINE TAXI 166.350
OTTAWA TAXI BLUE LINE TAXI 166.470
OTTAWA TAXI BLUE LINE TAXI 167.130
OTTAWA TAXI CAPITAL TAXI 162.510
OTTAWA TAXI CAPITAL TAXI 165.030
OTTAWA TAXI CRYVILLE TAXI 150.875
OTTAWA TAXI DIAMOND TAXI 158.220
OTTAWA TAXI INDEPENDANT TAXI 164.670
OTTAWA TAXI HULL REGAL TAXI 162.870
OTTAWA TAXI MODERN TAXI 151.025
OTTAWA TAXI QUEENSWAY TAXI 166.110
OTTAWA TAXI RICHMOND TAXI 150.305
OTTAWA TAXI ROCKLAND TAXI 150.295
OTTAWA TAXI RUSTIC TAXI 160.155
OTTAWA TOW BILL KENNEDY TOW 164.340
OTTAWA TOW GERVAIS TOW 167.910
OTTAWA TOW MAYS TOW 451.600
OTTAWA TOW OTTAWA TOW 171.690
OTTAWA TOW SHERWOOD TOW 167.190

OTTAWA AREA FREQ LISTINGS PAGE 6

OTTAWA AIR ARRIVAL (DISCRETE) 127.700
OTTAWA AIR ARRIVAL 356.600
OTTAWA AIR TERMINAL 135.150
OTTAWA AIR TERMINAL 247.000
OTTAWA AIR TERMINAL PEMBROKE 124.270
OTTAWA AIR TERMINAL PEMBROKE 278.500
OTTAWA AIR CLNCE DEL 119.400
OTTAWA AIR CLNC 283.500
OTTAWA AIR TOWER 118.800
OTTAWA AIR TOWER 236.600
OTTAWA AIR TOWER (N FLD) 120.100
OTTAWA AIR TOWER 341.300
OTTAWA AIR DEPARTURE 128.175
OTTAWA AIR DEPARTURE 252.500
OTTAWA AIR GROUND 121.900
OTTAWA AIR GROUND 275.800
OTTAWA AIR GATE ASSIGN 120.400
OTTAWA AIR ATIS 121.150
OTTAWA AIR ATIS 265.600
OTTAWA AIR ATIS/FRENCH 132.950
OTTAWA AIR ATIS/FRENCH 382.050
OTTAWA AIR GAT FSS 123.150
OTTAWA AIR GAT FSS 126.700
OTTAWA AIR 7 WG OPS (CL 7/94) 131.350
OTTAWA AIR 7 WG OPS (CL 7/94) 308.700
OTTAWA AIR 450 SQN ZERO OPS 41.500
OTTAWA AIR NRC 129.600
OTTAWA AIR NRC 250.600
OTTAWA AIR MOT 129.0750
OTTAWA AIR OTTAWA AIRPORT/RCMP 413.062
OTTAWA AIR OTTAWA AIRPORT/RCMP 413.287
OTTAWA AIR PAR 134.100
OTTAWA AIR PAR 226.300
OTTAWA AIR PAR 304.600
OTTAWA AIR PAR 378.500
OTTAWA AIR PAR, TX ONLY 352.000
OTTAWA AIRNAV YOW CH 93 VOR/TAC 114.600
OTTAWA AIRNAV NDB OTTAWA OW 236 KHZ
OTTAWA AIRNAV NDB OSCAR O 344 KHZ
OTTAWA AIRNAV NDB ROMEO R 377 KHZ
OTTAWA AIRNAV NDB UPLANDS YUP 352 KHZ
OTTAWA AIRNAV UUP CH 25 TACAN 108.800
OTTAWA AIRL CANADIAN AIRLINES 130.800
OTTAWA AIRL CANADIAN AIRLINES 131.100
OTTAWA AIRL CITY EXPRESS 129.175
OTTAWA AIRL FIRST AIR 130.550
OTTAWA AIRFBO ESSO COMM (S) 122.850
OTTAWA AIRFBO ESSO AVITAT (S) 129.850
OTTAWA AIRFBO HUDSON GENERAL (N) 122.950

OTTAWA AIRFBO OTTAWA FLYING CLUB 123.350
OTTAWA AIRFBO SHELL (S) 123.000

OTTAWA AREA FREQ LISTINGS PAGE 7

OTTAWA AIR MAINTENANCE 460.212
OTTAWA AIRL AIR CANADA 130.3750
OTTAWA AIRL AIR CANADA 130.8750
OTTAWA AIRL AIR CANADA 131.7750
OTTAWA AIRL AIR CANADA GATE OPS 456.6625
OTTAWA AIRL AIR CANADA 452.5875
OTTAWA AIRL AIR CANADA 460.7000
OTTAWA AIRL AIR CANADA 462.4250
OTTAWA AIRL CANADIAN AIRLINES 129.5750
OTTAWA AIRL CANADIAN AIRLINES 130.8000
OTTAWA AIRL CANADIAN AIRLINES 461.1625
OTTAWA AIRL USAIR 131.1000

OTTAWA AREA FREQ LISTINGS PAGE 8

OTTAWA COM ABC LOCK SERVICE 166.575
OTTAWA COM ALGONQUIN COLLEGE 451.550
OTTAWA COM ALGONQUIN LANDSC 166.215
OTTAWA COM ANDY'S SERVICE CTR 164.490
OTTAWA COM ARGUE FUELS 451.575
OTTAWA COM ARMBRO AGGREGATES 451.525
OTTAWA COM BF GOODRICH 168.900
OTTAWA COM BDC COURIER 166.320
OTTAWA COM BEAVER ASHPHALT 158.460
OTTAWA COM BEAVER CONSTR 162.300
OTTAWA COM BENNETT PAVING 163.350
OTTAWA COM BILL'S DELIVERY 165.120
OTTAWA COM BOWICKS IGNITION 451.450
OTTAWA COM BUSINESS REPEATER 164.370
OTTAWA COM BUTLER MERCURY 164.700
OTTAWA COM CAA 165.900
OTTAWA COM CAA 165.990
OTTAWA COM CAMPEAU CORP 173.550
OTTAWA COM CANADIAN BANK NOTE 172.110
OTTAWA COM CANADIAN GE 47.970
OTTAWA COM CANADIAN GE 452.100
OTTAWA COM CAP CITY TRACTOR 163.500
OTTAWA COM CARLETON UNIVERSITY 464.637
OTTAWA COM CARRUTHERS CARRIER 162.960
OTTAWA COM CBM CONCRETE 162.960
OTTAWA COM CENTENNIAL AUTO 166.860
OTTAWA COM CO-OPS OF ONTARIO 451.375
OTTAWA COM COHEN & COHEN LTD 163.560
OTTAWA COM COMMERCIAL KITCHENS 163.140
OTTAWA COM CONSOLIDATED BATHST 158.160
OTTAWA COM COOK PAVING 163.020

OTTAWA COM CURBEX CANADA 164.580
OTTAWA COM DIBBLEE CONSTR 464.775
OTTAWA COM DICOM COURIER 463.925
OTTAWA COM DILAWARI MOTORS 165.675
OTTAWA COM DMS CONCRETE 451.575
OTTAWA COM DRUMMAND CARTAGE 153.440
OTTAWA COM DUFFERIN CONSTR 170.040
OTTAWA COM DULEPKA EQP RENTAL 153.200
OTTAWA COM ELEC CONTRACTING 162.600
OTTAWA COM ELEC CONTRACTING 164.790
OTTAWA COM EMERGENCY TIRE SERV 452.100
OTTAWA COM FINES FLOWERS 451.475
OTTAWA COM FORBES MATERIALS 166.980
OTTAWA COM GLENGARRY TRANSPORT 454.025
OTTAWA COM GRAIN TERMINAL 166.845
OTTAWA COM GRANT LTD 152.030
OTTAWA COM GRAY MURRAY LTD 152.030
OTTAWA COM GREEN ELECTRIC 164.385
OTTAWA COM GREENBELT CONSTR 33.480
OTTAWA COM HOWDEN GROUP 164.490
OTTAWA COM HURDMAN CONST 162.300

OTTAWA AREA FREQ LISTINGS PAGE 9

OTTAWA COM IBM 451.800
OTTAWA COM IVER HOMES 163.710
OTTAWA COM JERRY'S MOVING 451.075
OTTAWA COM K&K LANDSCAPING 166.215
OTTAWA COM KINGS APPLIANCES 451.500
OTTAWA COM KM CAPITAL LABS 165.090
OTTAWA COM LAURENT LEBLANC LTD 162.690
OTTAWA COM LEBLANC LANDSCAPING 451.400
OTTAWA COM LUSIGAN EXCAVATING 164.700
OTTAWA COM LYTTLE CARTAGE 166.920
OTTAWA COM MANDERLEY SOD 451.275
OTTAWA COM MANDERLEY SOD 451.375
OTTAWA COM MAPLE LEAF DRILLING 451.525
OTTAWA COM McDONALDS DRIVE THR 30.58
OTTAWA COM McFARLAND CONSTR 158.430
OTTAWA COM McLEAN HUNTER 160.900
OTTAWA COM McLEAN HUNTER 162.210
OTTAWA COM METRO OTTAWA DEL 451.075
OTTAWA COM MINTO CONSTR 165.405
OTTAWA COM MINTO CONSTR 166.065
OTTAWA COM MIRAD MOBILE MIX 164.490
OTTAWA COM MONTENIGRO DRYWALL 164.700
OTTAWA COM MULLIGAN CONSTR 168.180
OTTAWA COM NADEAN FURS 154.890
OTTAWA COM OC TRANSPO 410.637
OTTAWA COM OC TRANSPO 411.125
OTTAWA COM OC TRANSPO 411.437

OTTAWA COM OC TRANSPO 411.625
OTTAWA COM OC TRANSPO 411.787
OTTAWA COM OC TRANSPO 412.150
OTTAWA COM OC TRANSPO-F3 410.387
OTTAWA COM OC TRANSPO-F5 410.137
OTTAWA COM OC TRANSPO-PARA 411.487
OTTAWA COM OSGOODE S & G 164.580
OTTAWA COM OTTAWA CABLEVISION 160.215
OTTAWA COM OTTAWA FORD 451.350
OTTAWA COM OTTAWA FUELS 152.900
OTTAWA COM OTTAWA MECHANICAL 162.060
OTTAWA COM OTTAWA UNIVERSITY 172.590
OTTAWA COM PARKWAY VAN LINES 452.400
OTTAWA COM PETROCAN 158.670
OTTAWA COM PIPER SAND & GRAVEL 166.215
OTTAWA COM PREMEC SALES & SERV 159.535
OTTAWA COM PREMIER CONCRETE 167.070
OTTAWA COM PROVINCIAL SAN 158.535
OTTAWA COM PUROLATOR 462.675
OTTAWA COM REGENT VENDING 164.490
OTTAWA COM ROBINSON TRUCKING 452.100
OTTAWA COM ROSS DELIVERY 451.500
OTTAWA COM SALVATION ARMY 452.100
OTTAWA COM SAUVE LATHING 151.955
OTTAWA COM SAYER & ASSOCIATES 151.670

OTTAWA AREA FREQ LISTINGS PAGE 10

OTTAWA COM SAYER & ASSOCIATES 162.750
OTTAWA COM SCHOOL BUSES 32.160
OTTAWA COM SCOTTS AUTOMOTIVE 452.875
OTTAWA COM SHELL 460.175
OTTAWA COM SHERWOOD STUDIO 163.740
OTTAWA COM SHERWOOD STUDIO 165.270
OTTAWA COM SOMERVILLE CONSTR 451.400
OTTAWA COM ST LAURENT FUEL 168.180
OTTAWA COM STAN'S CATERING 452.100
OTTAWA COM STEENBAKKER LUMBER 163.710
OTTAWA COM STEWART CONSTR 451.400
OTTAWA COM STINTON FUELS 166.650
OTTAWA COM SURGENOR PONTIAC 454.375
OTTAWA COM TAGGARD CONSTR 151.775
OTTAWA COM TAGGART SERVICES 149.320
OTTAWA COM TAKE CARE SANIT 164.460
OTTAWA COM TAKE-A-BREAK CANT 164.805
OTTAWA COM TAPLEN CONSTR 158.535
OTTAWA COM UNION AUTO PARTS 454.325
OTTAWA COM UNITED FUELS 163.740
OTTAWA COM VALLEY FUELS 164.805
OTTAWA COM VANS MOBILE WASH 162.900
OTTAWA COM WHEELER AUTOMOTIVE 451.075

OTTAWA MED CBC 166.250
OTTAWA MED CBC-RADIO 450.375
OTTAWA MED CBC-TV 452.200
OTTAWA MED CFGO RADIO 450.250
OTTAWA MED CFRA 450.662
OTTAWA MED CFRA 580 AM 153.170
OTTAWA MED CFRA RADIO 461.612
OTTAWA MED CJOH RADIO 153.350
OTTAWA MED CKCU FM 93.1
OTTAWA MED CKOY RADIO 153.230
OTTAWA MED CKOY RADIO 163.740
OTTAWA MED CKOY RADIO 164.460
OTTAWA MED GLOBAL TV 451.525
OTTAWA MED LE DROIT 170.550
OTTAWA MED OTTAWA SUN 423.137
OTTAWA MED CITIZEN CIRC 162.720
OTTAWA MED CITIZEN CIRC 162.750
OTTAWA MED CITIZEN CIRC 460.087
OTTAWA MED CITIZEN PHOTO 463.762
OTTAWA HAM VE3CPC REPEATER 147.150
OTTAWA HAM VE3OCR REPEATER 146.850
OTTAWA HAM VE3OCR REPEATER 224.940
OTTAWA HAM VE3OEA REPEATER 146.670
OTTAWA HAM VE3ORA REPEATER 146.880
OTTAWA HAM VE3PAK DIGITAL RPTR 223.050
OTTAWA HAM VE3RST REPEATER 146.610
OTTAWA HAM VE3TEL DIGITAL RPTR 222.340
OTTAWA HAM VE3TEL REPEATER 147.030
OTTAWA HAM VE3TWO REPEATER 147.300

OTTAWA AREA FREQ LISTINGS PAGE 11

OTTAWA HAM VE3TWO REPEATER 444.200
NEPEAN POL LOCAL 138.315
NEPEAN POL LOCAL 138.800
NEPEAN POL LOCAL 139.800
NEPEAN POL LOCAL 142.335
NEPEAN POL LOCAL 142.770
NEPEAN POL SIMPLEX 138.800
NEPEAN POL SIMPLEX 139.800
NEPEAN FD LOCAL 154.175
NEPEAN FD LOCAL 154.310
NEPEAN FD ONTARIO FIRE MARSH 154.070
NEPEAN MUN PARKS 154.280
NEPEAN MUN ROADS 169.110
NEPEAN MUN WORKS 169.410
NEPEAN UTL HYDRO 170.430
NEPEAN UTL PUBLIC UTIL 169.080
GLOUCEST POL GLOUCESTER POLICE 142.635
GLOUCEST POL LOCAL 139.770
GLOUCEST POL LOCAL 142.635

GLOUCEST POL LOCAL 142.770
GLOUCEST POL LOCAL 158.790
GLOUCEST POL LOCAL 469.087
GLOUCEST FD LOCAL 153.830
GLOUCEST FD LOCAL 154.175
GLOUCEST FD ONTARIO FIRE MARS 154.070
GLOUCEST AMB AMB LINK 413.712
GLOUCEST MUN WORKS 165.345
GLOUCEST UTL GLOUCESTER HYDRO 169.230
GLOUCEST COM GLOUCESTER TOW 451.350
VANIER POL F1 OPC 142.770
VANIER POL F2 142.185
VANIER POL F3 SIMPLEX 139.770
VANIER FD LOCAL 155.760
KANATA POL OPP BASE 139.065
KANATA POL OPP BASE 139.155
KANATA POL OPP BASE 139.455
KANATA POL OPP BASE 141.4357
KANATA POL OPP BASE 141.690
KANATA POL OPP BASE 143.655
KANATA POL OPP SIMPLEX 140.970
KANATA POL OPP COMMON 142.770
KANATA FD F3 154.070
KANATA FD LOCAL 153.920
KANATA FD LOCAL 154.175
KANATA TAXI KANATA TAXI 150.305
KANATA TAXI NEPEAN-KANATA TAXI 163.230
CUMBERLAND FD F2 154.070
CUMBERLAND FD LOCAL 154.170
CUMBERLAND TAXI TAXI 168.090
CUMBERLAND MUNI RMOC WORKS 410.037
CARP AIR UNI 122.800
ALMONTE GOV DOT 143.9400
OTTAWA AREA FREQ LISTINGS PAGE 12

ARNPRIOR POL LOCAL 154.340
ARNPRIOR POL SIMPLEX 155.910
ARNPRIOR FD F2 154.070
ARNPRIOR FD LOCAL 155.910
ARNPRIOR AMB F2 154.540
ARNPRIOR AMB LOCAL 149.440
ARNPRIOR UTL ONTARIO HYDRO 49.33
ARNPRIOR COM CKOA RADIO 450.8125
ARNPRIOR COM CONSUMERS GAS 452.6750
ARNPRIOR COM JAMES LANDSCAPING 164.700
ARNPRIOR COM OTTAWA AUTOPARTS 33.480
STITTSVILLE COM KAVANAUGH CONSTR 170.010
RIDEAU TWP FD LOCAL 154.175
ROCKCLIFFE POL OPP BASE 139.200
ROCKCLIFFE POL OPP BASE 141.450

ROCKCLIFFE MIL CFB 149.350
OSGOODE FD F1 154.740
OSGOODE FD F2 154.070
OSGOODE FD LOCAL 154.175
GATINEAU MUN WORKS 169.260
CARLETON PL POL LOCAL 142.515
CARLETON PL POL LOCAL 142.515
CARLETON PL POL LOCAL 151.505
CARLETON PL POL LOCAL TACT SIMPL 141.585
CARLETON PL POL SIMPLEX 142.585
CARLETON PL FD F2 154.070
CARLETON PL FD LOCAL 153.815
CARLETON PL AMB CARLETON/OTTAWA 155.040
CARLETON PL GOV MIN NATURAL RESOUR 46.640
CARLETON PL COM CODE MOTORS 164.325
CARLETON PL COM F4 49.320
CARLETON PL COM REYNOLDS CARTAGE 172.260
CARLETON PL HAM VE3FXE 147.270

I said it was Long!!

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

303. PRO-33 Handheld for Sale

Newsgroup: rec.radio.scanner
Date: 1994-08-07 20:28:07 UTC
From: edwin@connected.com
Message-ID: <323g4n$ksd@hebron.connected.com>
Source record: 270766

I have my PRO-33 handheld scanner for sale. It is in excellent condition. Has 20 channels. good sensitivity and excellent audio. Receives 30-54, 136-174, 380-512 mhz. Uses conventional or rechargable batteries. I just bought a PRO-51, so this one is surplus. Asking $75.

304. "WOODSTOCK '94" FREQS?

Newsgroup: rec.radio.scanner
Date: 1994-08-07 20:53:00 UTC
From: tom.lackamp@vidgame.com
Message-ID: <ce.7407.696@vidgame.com>
Source record: 270768

DA>DA>Message-ID: <3228sg$hrm@pipe1.pipeline.com>
DA>Newsgroups: rec.radio.scanner
DA>Organization: The Pipeline

David Alpert said:

DA>I'll be at "Woodstock '94" in Saugerties, NY starting Tuesday
DA>(8/9). Anybody have any info on freqs being used by the
DA>promoters/on-site security etc?...

David,

Ummm.... When Leary said "Tune in, Turn on, Drop out," I don't
think this is exactly what he had in mind! <g>

Have a good time.

I saw a good Woodstock tagline the other day:

"I don't remember anything about Woodstock,
so I must have been there!"

Enjoy!

Tom

• CMPQwk #1.4• UNREGISTERED EVALUATION COPY

305. Uniden BC8500XLT Mods Needed

Newsgroup: rec.radio.scanner
Date: 1994-08-07 21:31:08 UTC
From: Bmw@deathstar.cris.com
Message-ID: <323jqs$d8h@deathstar.cris.com>
Source record: 270769

I need some help from someone out there familiar with the Uniden BC8500XLT.
I'm looking for any mods available - such as improving reception, signal
meter, 800 coverage, etc.?

306. Alberta Scanner Shop?

Newsgroup: rec.radio.scanner
Date: 1994-08-07 21:38:00 UTC
From: alan.wilensky@channel1.com
Message-ID: <40.6347.2433@channel1.com>
Source record: 270767

I am looking to purchase a new uncrippled scanner in Canada. Is there a radio shop or dealer in Edmonton or Calgary that carries AOR? or other brands.

Thinking of the 8000.

Alan Wilensky, N1SSO
abm@world.std.com

• CmpQwk #UNREG• UNREGISTERED EVALUATION COPY

307. Re: What if you hear ille

Newsgroup: rec.radio.scanner
Date: 1994-08-07 22:21:12 UTC
From: dseitel@crl.com
Message-ID: <323moo$njs@crl5.crl.com>
Source record: 270771

[a bit long--and a mite preachy]

> David S. Eitelbach <dseitel@crl.com> wrote:
> >
> >Oh...so if it's okay legally, it's okay morally.

David Leon wrote:

> BTW, legal =! moral 100% of the time. It's legal to pass by
> a dying person on the street without offering help. That does
> not make it moral.

Well...I should have been more explicit. My post was ironical.
I meant to register a strong, sarcastic objection to the thrust
of so many of the postings in this thread and related threads--
postings which put forth the view that since one can legally get
away with turning in one's neighbors for smoking a joint or
calling out for a prostitute, etc., it's okay to do this. It isn't.

And the fact that the system supports doing this--even tacitly
encourages it--is no justification for doing it, either.

A lot of the postings condone--or even advocate--turning in
neighbors who are overheard talking of buying, selling or using
illegal drugs. The drug problem is not monolithic. In fact, it is
probably more accurately viewed as two problems: the public health
problem of addiction or abuse (not use) and the crime that
flourishes as a direct result of the government's wrongheaded
approach to the first problem. This is really the wrong place to
go into that any more deeply, but at least in the minds of a few
of us, there's a big difference in turning in someone who sells
addictive substances (heroin, tobacco, alcohol) to children and
someone who recreationally uses drugs of any type. And, to head
off possible bilious speculations on my motives or proclivities:
no, I don't use drugs other than some alcohol and some coffee.

The idea that one's privacy shell has been cracked by a neighbor
with a scanner is one thing. The idea that one's activities and
eccentricities must now pass muster with the eavesdropper--or he
may turn you in--is, frankly, sickening. And, I speak as a scanner
enthusiast--even though it may not sound like it here.

This is where, undoubtedly, someone will wish to pose the most
outrageous hypothetical counter example possible. Spare me. If I
heard something that I thought might result in SERIOUS HARM TO
OTHERS, I would turn them in. If I heard someone talking about
doing something I don't do, and don't think others should do,

I'd keep my mouth shut and lump it.

David S. Eitelbach
dseitel@crl.com

308. Certain Freqs Needed - Los Angeles Area

Newsgroup: rec.radio.scanner
Date: 1994-08-07 22:25:42 UTC
From: g9153402@huey.csun.edu
Message-ID: <323n16$n68@nic-nac.CSU.net>
Source record: 270770

I've just had a scanner for about a week. Sort of an impulse purchase. Saw it on sale so I bought one. I programmed many local police frequencies in it from 'Police Call' I bought at Radio Shack. I wanted the book 'Beyond Police Call' too, but the local Radio Shacks didn't stock it.
Anyway, I'm looking for some frequencies for the VA Medical Center Police (Sepulveda & West L.A.), Cal State Northridge Police (the ones listed in 'Police Call' just seem to be quiet), and any interesting commercial systems in the area.
Thanks

309. New R1 Restorible?

Newsgroup: rec.radio.scanner
Date: 1994-08-07 22:46:52 UTC
From: mvines@netcom.com
Message-ID: <mvinesCu6sM4.Fvu@netcom.com>
Source record: 270772

Does anyone know if the new ICOM R1 (I think it's called the R1A now) is cellular restorable?

310. Detect detector?

Newsgroup: rec.radio.scanner
Date: 1994-08-08 00:02:21 UTC
From: gesman@io.org
Message-ID: <323smd$i35@ionews.io.org>
Source record: 270774

Question to radio professionals:
How is it possible to detect a radar detector? As far as I know
radar detector is a receiver, which detect certain (10-20+ GHz) frequency
and gives alarm (to user). How is it possible to detect a detector and even
more - to detect it from, say 100 meters distance?
I'm not talking about jammers(which are transmitters), only about passive
detectors.
Anyone has ideas?

--
Gleb Esman.

311. Delaware Info?

Newsgroup: rec.radio.scanner
Date: 1994-08-08 00:03:05 UTC
From: mtaylor@FRICKA.DUCH.UDEL.EDU
Message-ID: <323snp$q0a@louie.udel.edu>
Source record: 270773
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I just picked up a scanner after many years of thinking about it and never doing it... I'm glad I finally did. What a blast!

I also bought Radio Shack's "Police Call" for the area; it seems to be a BIG waste of 10 bucks - almost none of the freqs listed appear to be in use; I've actually found more good freqs by laborously scanning the WHOLE band-set repeatedly, but can't tell what public service HQ uses each one.

Would someone please post any/all of the following (or email to me):
* List of Interesting frequencies for New Castle County DE and surrounding areas (like Elkton) - preferably with who's who.
* Any Enthusiast groups in the area that I can hookup with.
* List of non-public-service freqs in the area (like hotels, sports, garages, whatever)

Thanks in advance... Mark T.

312. Re: Posting of Cellular Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-08 00:11:38 UTC
From: steven@sgb.oau.org
Message-ID: <Cu6wJE.FzG@sgb.oau.org>
Source record: 270689

Ken Navarre (kjn@netcom.com) wrote:

*** MISINFORMATION ALERT ***

: At this point modifications are *not* illegal. Importing, & commercial
: selling of cellular capable "scanners" (remember 4 channels a scanner
: make...) are. But, you're free to modify to your hearts content.

Importing scanners not for resale is not illegal as long as the
purpose is not for use -- so let it be for display and exhibit,
anything other than use makes it legal to import and that is why
they can not prevent them being imported.

*** PROOF ***

I have yet to see one person come out and indicate his scanner
never made it due to customs/government regulations!

: Face it. You've lost them! Any [easily] restorable unit is already taboo
: (after April 1994). Stock on hand can be sold but that's it.
: Well, you can still bring a unit back into the country yourself...

You can always IMPORT FOR PURPOSES OTHER THAN USE!

Steven
--
Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

Here's a message for our "friends" at:

```
___
THE FFFFFF | | Protect our airwaves,
F |\_/| do NOT buy non-cellular
FFFFFF |:::| capable scanners!
F |:::|
F FEDERAL |:::| BOYCOTT the made for
___ |<#>| ___ U.S. market scanners!
CCCCC /=-=\|:::|/=-=\ __
C |:::||:::||:::|/--\ Buy non-U.S. scanners!
C |:::||:::||:::||::|
C COMMUNICATIONS |:::||:::||:::||::| Remember the TDDRA at
CCCCC |=*=::=*=::=*=::**| election time!
|:::::::::::::::::/
CCCCC |:::::::::::::::::/ IGNORE the law!
```

```
C \::::::::::::::/
C |::::::::::::/ Cellular Users BEWARE!
C COMMISSION |::::::::::::|
CCCCC I WILL BE LISTENING!!
```

313. Re: Detect detector?

Newsgroup: rec.radio.scanner
Date: 1994-08-08 00:20:06 UTC
From: nbschee@mailserv.nbnet.nb.ca
Message-ID: <nbschee.67.000055CC@mailserv.nbnet.nb.ca>
Source record: 270694

In article <323smd$i35@ionews.io.org> gesman@io.org (Gleb Esman) writes:

>Question to radio professionals:
>How is it possible to detect a radar detector? As far as I know
>radar detector is a receiver, which detect certain (10-20+ GHz) frequency
>and gives alarm (to user). How is it possible to detect a detector and even
>more - to detect it from, say 100 meters distance?
>I'm not talking about jammers(which are transmitters), only about passive
>detectors.
>Anyone has ideas?

I believe that all superhet receivers have some emissions from their local
oscillator; enough to be detected possibly.

From: nbschee@mailserv.nbnet.nb.ca
Silas E. Cheeseman
Saint John, NB, Canada
(506) 674-1321 Computer/FAX

"He will wipe away all the tears from their eyes"

- Revelation 21:4

314. Pro 32 mods found...

Newsgroup: rec.radio.scanner
Date: 1994-08-08 00:42:55 UTC
From: michaelf@utxvms.cc.utexas.edu
Message-ID: <1994Aug7.184255.1@utxvms.cc.utexas.edu>
Source record: 270676

Rumor has it that the June 1994 issue of monitoring times has the mods for the PRO-2032. If someone could check this out it would really be swell..
Michaelf@utxsvs.cc.utexas.edu

315. Re: Detect detector?

Newsgroup: rec.radio.scanner
Date: 1994-08-08 02:11:22 UTC
From: tnuedeck@comp.uark.edu
Message-ID: <32448a$j3q@hermes.sibylline.com>
Source record: 270678

A few years back "Road and Track" did an article on this. They went to canada to test on out with the police. It picks up an oscolator(sp?) in the radar detector. these clock chips or oscelators are very noising at a certen freq, and can be picked up several thousands of feet away.

The "stealth" radar detectors use a much more expensive clock chip that emits much less noise (but still emits some noise).

As I understand it, if you are caught with a detector where they are against the law it can be taken away on the spot. The best defense to having a detector taken away is to pick up a cheap $10 one at walmart and keep it in the glove box. Give the cheap one to the officer when they pull you over so you don't have to give up you nice expensive one.

Tim

316. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-08 02:11:43 UTC
From: aa706@FreeNet.Carleton.CA
Message-ID: <Cu723J.IB2@freenet.carleton.ca>
Source record: 270679

It is legal to have a mobile scanner or a portable scanner in a motor vehicle in Ohio, Iowa.

--
Mike Rolfes
usr2879a@tso.uc.edu
Cincinnati, OH USA

317. Re: Detect detector?

Newsgroup: rec.radio.scanner
Date: 1994-08-08 02:42:20 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cu73IK.K6C@freenet.carleton.ca>
Source record: 270677

In a previous article, ad607@FreeNet.Carleton.CA (Darrell A. Larose) says:

>
>In a previous article, gesman@io.org (Gleb Esman) says:
>
>>Question to radio professionals:
>How is it possible to detect a radar
>detector? As far as I know a radar detector is a receiver, which detect
>certain (10-20+ GHz) frequency and gives alarm (to user). How is it
>possible to detect a detector and even more - to detect it from, say 100
>meters distance? I'm not talking about jammers(which are transmitters),
>only about passive detectors.

>Anyone has ideas?

The same way the British find unlicenced TV's.. All recievers do transmit
a signal,albeit weak from the local oscilator stage, this is the signal
that the VR-2 units (that's the one the local police up here use...and
they do work!) Even your scanner puts out a signal most are around 10.7 Mhz
some are different.. but if you have a shortwave radio try tuning down to
10700 Khz with the scanner turned on and close to the sw radio. You'll get
a point were you'll get the feedback of the scanner over the sw radio.
This usually is a beat , sort of thump, thump, thump... Allyou have to do
is tune the reciever very precisely to the radar detector oscilator stage
frequency with a sensitive enough reciever and bingo! Gotcha!!! Go directly
to jail do not collect $200.00. The radar detector-detector is very very
sensitive to a very narrow frequency band, and is very directional, but
then they don't need to know where all the radar detectors are just the
ones along the path of the speed trap.

Added feature on the Radar Detector-Detectors is a search mode that can
find the nearest donut shop (GRIN!) this is very complex technology, but
as you may notice works very well too. (Grin)

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

318. rs2004 problem

Newsgroup: rec.radio.scanner
Date: 1994-08-08 02:59:06 UTC
From: andrewj514@aol.com
Message-ID: <32471q$sap@search01.news.aol.com>
Source record: 270683

i have a problem with my RS 2004. i have to replace the 9 volt battery every two weeks; it seems to drain the battery very fast. when i sometimes turn the radio on, the display is blank until i insert another 9 v battery.

does anyone else have this problem?

andy n6xkn

319. Re: Test

Newsgroup: rec.radio.scanner
Date: 1994-08-08 03:27:03 UTC
From: bretb1@aol.com
Message-ID: <3248m7$t54@search01.news.aol.com>
Source record: 270684

This is only a Test

320. Detect detector?

Newsgroup: rec.radio.scanner
Date: 1994-08-08 03:28:00 UTC
From: alan.wilensky@channel1.com
Message-ID: <40.6356.2433@channel1.com>
Source record: 270681

GE>sgroups: rec.radio.scanner
GE>Organization: Internex Online (io.org) Data: 416-363-4151 Voice:
GE>416-363-8676
GE>Question to radio professionals:
GE>How is it possible to detect a radar detector? As far as I know
GE>radar detector is a receiver, which detect certain (10-20+ GHz)
GE>frequency and gives alarm (to user). How is it possible to detect a
GE>detector and even more - to detect it from, say 100 meters distance?
GE>I'm not talking about jammers(which are transmitters), only about
GE>passive detectors.
GE>Anyone has ideas?

The swept local injection oscillator is used at the mixer stage. For some units that use feedhorn type circuits, this injection signal can be large.

If the unit is not completely RF tight, it can radiate like the devil. One auto magazine tested several brands and found some detectable up to half a mile away.

Every modern superhetrodyne radio receiver has a local oscillator that will radiate to some extent. These radar detectors are somewhat hot in that respect (size of the L/O signal).

Alan Wilensky, N1SSO
abm@world.std.com

• CmpQwk #UNREG• UNREGISTERED EVALUATION COPY

321. Re: Best Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-08-08 03:33:34 UTC
From: miles@ms.uky.edu
Message-ID: <32492e$l1m@s.ms.uky.edu>
Source record: 270680

Well, ok, why not.

Once a friend had a scanner going in his apartment when he locked
on to an apparent cordless phone conversation.

It was two adult females (sounded slightly intoxicated) talking at
appx. 1 am.
They were talking about their present boyfriends etc. Then the question
that raised eyebrows across the room, "do you ever let him stick it in
your tail"? Needless to say, the following conversation was carefully
listened to. :) By the way, the answer was something like: "Well, yea, I
did once, but I couldn't sit down for 2 days, and never again".
The group listening were all young males and partially drunk.
You can imagine the fun they had with it. :)

322. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-08-08 03:43:02 UTC
From: bretb1@aol.com
Message-ID: <3249k6$gj@search01.news.aol.com>
Source record: 270682

In article <2sp248$o6o@nyx10.cs.du.edu>, lthomas@nyx10.cs.du.edu (Layne Thomas) writes:

I have my own little horror story concerning Radio Shack "Sales People." I was looking for the newest Freq. Book and the store had one person working at the time and I'm the only customer in the store. Well I'm not in the store 30 seconds when his girlfriend walks in, no big deal right? Not until they start making out right in the middle of the the store! I'm not talking about a few pecks, were talking about PG-13 at least. The entire episode had to of gone on for at least 3 to 5 min. Of course I was being totally ignored, at started to feel rather sick to my stomach. I still can't bring myself to go back into the store after a full year later.

323. Interfering signals

Newsgroup: rec.radio.scanner
Date: 1994-08-08 04:43:00 UTC
From: rayg@netcom.com
Message-ID: <raygCu793p.4B7@netcom.com>
Source record: 270687

While scanning certain ranges with my pro-51, the signal I recieve gets overidden by the chatter of what sounds like a taxi cab service and a local police station. This is incredibly annoying, as the interfering signals totally take over the frequency I'm using. Is there any way to tune this stuff out? Also, how is it possible that these signals go out without messing up what was using the frequency in the first place? In addition, a taxi/police broadcast gets picked up over a wide range of frequencies (around 50 Mhz). What's going on?

324. Re: What if you hear ille

Newsgroup: rec.radio.scanner
Date: 1994-08-08 05:33:26 UTC
From: lthomas@nyx10.cs.du.edu
Message-ID: <324g36$ba4@nyx10.cs.du.edu>
Source record: 270685

> BTW, legal =! moral 100% of the time. It's legal to pass by
> a dying person on the street without offering help. That does
> not make it moral.

Actually that is incorrect. There are very few things in this
world that aren't illegal. So it IS illegal to pass someone up who
is in danger. I believe the test case was someone who didn't try and
save someone who was drowning(sorry I don't have specifics).
Why do we think it's our responsibility to enforce the "law" ?
There are already too many laws. And certainly issues like minor
drugs/prostitution while morally MAY be wrong, are certainly none of our
business(well legally anyways) and are a matter of choice.

-Layne

325. TV licensing??? (was Re: Detect detector?)

Newsgroup: rec.radio.scanner
Date: 1994-08-08 05:34:38 UTC
From: linley@netcom.com
Message-ID: <linleyCu7BHq.rB@netcom.com>
Source record: 270686

>The same way the British find unlicenced TV's.. [...]

The Brits require you to license your TV? What's the reasoning behind this?

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur radio: KE6EQZ
=-=-=-=-=-=-=-=-=-=-=-= "This is glue. Strong stuff." =-=-=-=-=-=-=-=-=-=-=-=

326. Re: TV licensing??? (was Re: Detect detector?)

Newsgroup: rec.radio.scanner
Date: 1994-08-08 06:37:46 UTC
From: lennart@blade.stack.urc.tue.nl
Message-ID: <324jrq$eq1@tuegate.tue.nl>
Source record: 270688

In article <linleyCu7BHq.rB@netcom.com>,
Bruce James Robert Linley <linley@netcom.com> wrote:
>>The same way the British find unlicenced TV's.. [...]
>
>The Brits require you to license your TV? What's the reasoning behind this?
So do most of the European countries, including Holland. Great Britain has
a national broadcasting corporation (the BBC) which is financed out of these
licence fees. The Dutch public broadcasting stations (we have quite a few)
are also partly financed out of the licence fees and partially from the
revenues of commercials.

Even if you use your TV just to watch commercial stations, you still need to
pay that licence fee, yuck!!
--
Lennart Benschop --- lennart@stack.urc.tue.nl
"Real programmers do it in hacks."
52 65 61 6C 20 70 72 6F 67 72 61 6D 6D 65 72 73 20 64 6F 20 69 74 20
69 6E 20 68 61 63 6B 73 2E Forth/C/6809/Linux/ZX-Spectrum/Z80/80x86

327. Re: Detector, Detector

Newsgroup: rec.radio.scanner
Date: 1994-08-08 07:35:54 UTC
From: scott@hp8c.nrl.navy.mil
Message-ID: <scott.19.0007996E@hp8c.nrl.navy.mil>
Source record: 270693

The radar detector that I use will ping occasionally when I'm coming alongside another car that has a radar detector in use. So I guess it's sensitive enough, almost, to be a detector, detector.
Also a neat trick is jamming another FM radio. At a previous job I had a gentleman sitting at the same bench I worked, about 6-8 ft. away. Needless to say, his choice of music to me was like getting a root canal without Novacain. I brought in a cheap, crappy portable radio and tuned in below the station he had on. It should be the IF freq. that you tune below. That just made his station fade out. He thought it was his radio that wouldnt tune in that station.
Again make sure it's a cheap radio. The cheaper the better, the shielding of the IF section isnt as good so it transmit's better.

328. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-08-08 08:13:34 UTC
From: linley@netcom.com
Message-ID: <linleyCu7IuM.Dxz@netcom.com>
Source record: 270690

In ye olden post bretb1@aol.com (BretB1) spake...
>In article <2sp248$o6o@nyx10.cs.du.edu>, lthomas@nyx10.cs.du.edu (Layne
>Thomas) writes:
>
> I have my own little horror story concerning Radio Shack "Sales
>People." I was looking for the newest Freq. Book and the store had one
>person working at the time and I'm the only customer in the store. Well
>I'm not in the store 30 seconds when his girlfriend walks in, no big deal
>right? Not until they start making out right in the middle of the the
>store! I'm not talking about a few pecks, were talking about PG-13 at
>least. The entire episode had to of gone on for at least 3 to 5 min. Of
>course I was being totally ignored, at started to feel rather sick to my
>stomach. I still can't bring myself to go back into the store after a
>full year later.

How about pointing one of the already-set-up-with-a-tape-for-demo-purposes
video cameras at them and hit the record button. That'll shut it down quick!

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur radio: KE6EQZ
=-=-=-=-=-=-=-=-=-=-=-= "This is glue. Strong stuff." =-=-=-=-=-=-=-=-=-=-=-=

329. pro 2004

Newsgroup: rec.radio.scanner
Date: 1994-08-08 09:25:00 UTC
From: pat.wilson@pplace.com
Message-ID: <5c.6230.13.0N17DE25@pplace.com>
Source record: 270691

I have a pro 2004 forsale if anyone is interested.

Send email to me at

pat.wilson@pplace.com

thanks

330. Re: Best Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-08-08 10:08:02 UTC
From: trancelgic@aol.com
Message-ID: <325062$9ei@search01.news.aol.com>
Source record: 270692

Mine was when I caught my girlfriend(now EX for the following) making 'weekend' plans on my carphone while I was playing with my HT that I had just mod'ed and showing to my friends. Yes that's right, I was showing off my Kenwood Th-78a to some friends and I locked onto a cell freq that was really strong. Then I hear the voice and as I turned my head, the voice and the face of my girlfriend were in perfect sync. I didn't say anything or do anything until after the conversation was over with and she had made plans with a guy that she works with. Needless to say, when I repeated the conversation (Hotel, rm# and other nuggets of info) she turned a really neat shade of white and then red. Needles to say, I'm marrying her now ex-best friend!! HA! TRUE STORY!

I love my 78-a!
Trance

331. Re: TV licensing??? (was Re: Detect detector?)

Newsgroup: rec.radio.scanner
Date: 1994-08-08 10:37:15 UTC
From: David@cardinal.demon.co.uk
Message-ID: <David-0808941037150001@cardinal.demon.co.uk>
Source record: 270695

In article <linleyCu7BHq.rB@netcom.com>, linley@netcom.com (Bruce James Robert Linley) wrote:

> The Brits require you to license your TV? What's the reasoning behind this?

The BBC is non-commercial and government funded (ie public money funded) so a good way to collect this money is to 'licence' TV reception.

If you have a TV in your house which gets switched on - they can find out and fine you if it is not licenced.

Licences are 80-odd pounds a year and the fine is a thousand.

--
David Butler - London
David@cardinal.demon.co.uk

332. AOR8000 review repost??

Newsgroup: rec.radio.scanner
Date: 1994-08-08 12:11:43 UTC
From: b_cobb@hannah.enet.dec.com
Message-ID: <3257dv$186@sousa.amt.ako.dec.com>
Source record: 270698

Can anyone re-post the AOR8000 review??
Can it be found at an ftp site?

Thanks

--
Name: Bill Cobb
E-Mail: cobb@hannah.enet.dec.com
Phone: 508.467.6503
Address: MS MRO1-1/MP23
Digital Equipment Corporation
200 Forest St
Marlboro, MA 01752

333. Re: AOR8000 in Canada

Newsgroup: rec.radio.scanner
Date: 1994-08-08 12:33:07 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.437.000C8DAA@ccm.hf.intel.com>
Source record: 270626

In article <31qmtf$d59@muss.cis.McMaster.CA> u9013720@muss.cis.McMaster.CA (M. Ralph) writes:

>The latest Atlantic Ham Radio shortwave & scanner pricelist (July
>12,1994) lists:

>AR-8000 .5-1900MHz Handheld Scanner - List 1069.95 - Discount 999.95

>S&H 2% (minimum $7.00)
>+ GST (etc)

>Oh yeah, the price is based upon Cash or Debit Card. Add another 2% for
>VISA,MC,COD,etc,etc.

>Phone # (416)636-3636
>Fax # (416)631-0747
>M-F:10-6; Sat:10-2; Sun/Holiday:Closed

Radio Lorenz in Quebec quoted me US$628 delivered. I don't know if that price is still valid. That was about a month ago. The NO-CELL U.S. version is supposed to sell for $589 at certain dealers. Radio Lorenz is at 514-392-9200

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

334. Re: Cal. Freqs Needed. (Bay Area)

Newsgroup: rec.radio.scanner
Date: 1994-08-08 12:52:41 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.438.000CE12D@ccm.hf.intel.com>
Source record: 270627
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <31q2j4$qd1@news1.svc.portal.com> yancy@shell.portal.com (Yancy - Lucas) writes:

> I am looking for a current list of Freqs for the Bay Area,
>specifically the Santa Clara Country area, and if this is not possible I
>would appreciate anyone who could post the Freqs for the Santa Clare
>County Sheriffs' dept and/or American Medical Response.

Here are some to keep you busy for a while:

*SAN JOSE AREA FIRE
1 154.2800 WHITE 1 S.J. WHITE FMN N
2 154.2650 WHITE 2 FMN N
3 154.2950 WHITE 3 FMN N
4 154.0100 SAN JOSE FIRE FMN N
5 154.1150 S.J. COMMAND 3 FMN N
6 153.9800 S.J. COMMAND 4 FMN N
7 155.8800 S.J. COMMAND 5 FMN N
8 153.8300 FIREGRND TAC 2 YELLOW FMN N
9 153.8450 COUNTY MUTUAL AID BLUE FMN N
10 155.2200 CDF FIREGROUND RED FMN N
11 155.8200 COMMAND 4 INPUT FMN N
12 153.9650 . FMN N
13 153.7700 STANFORD UNIV.MARSHALL FMN N
14 154.1450 . FMN N
15 154.1600 . FMN N
16 154.2200 . FMN N
17 154.2500 SCC CENTRAL FPD PRIMRY FMN N
18 154.3400 . FMN N
19 154.4000 . FMN N
20 156.0750 . FMN N
21 33.6600 . FMN N
22 33.9800 . FMN N
23 45.4000 . FMN N
24 46.1400 . FMN N
25 153.7550 . FMN N
26 153.3500 IBM FD FMN N
27 154.2350 . FMN N
28 140.2500 . FMN N
29 140.7250 . FMN N
30 170.0000 . FMN N
31 857.2625 . FMN N
32 155.9250 . FMN Y

*SAN JOSE CHP
1 42.5000 BASE SJ FMN N
2 42.2800 MOBILE SJ FMN N
3 154.9050 MOBILE EXTENDERS FMN Y
4 42.3400 STATEWIDE COMMON BASE FMN N
5 42.1800 STATEWIDE MOBILE FMN N
6 42.5400 GILROY BASE FMN N
7 42.2400 GILROY MOBILE FMN N
8 154.9200 LAW MUTUAL AID FMN Y
9 156.0750 CALCORD FMN Y
10 155.4750 LAW MUTUAL AID NATIONL FMN Y
11 122.7500 AIR TRAFFIC CONTROL AM Y
12 122.9000 MULTICOMM AND SAFETY AM Y

*SAN JOSE POLICE
1 460.2000 SJPD NORTHEAST SJ1 FMN N
2 460.3250 SJPD NORTHWEST SJ2 FMN N
3 460.4250 SJPD SJ3 FMN N
4 460.4750 SJPD SOUTHWEST SJ4 FMN N
5 460.4000 SJPD CENTRAL SJ5 FMN N
6 460.5250 SJPD SOUTHEAST SJ6 FMN N
7 460.0250 SJPD SJ7 FMN N
8 460.1000 SJPD CAR-CAR SJ9 FMN N
9 460.0500 SJPD SJ11 FMN N
10 460.5500 SJPD FMN N

*SCC SHERIFF
1 156.2100 SCC CONTROL 1 FMN N
2 156.1500 SCC CONTROL 3 FMN N
3 154.9200 SCC FMN N
4 154.8750 SCC CONTROL 5 FMN N
5 155.7000 SCC CONTROL 6 FMN N
6 154.7400 SCC CONTROL 7 FMN N
7 156.0750 SCC CALCORD FMN N
8 155.4150 SCC GILROY OPS GOLD FMN N
9 154.9350 SCC RAINBOW M.A. D FMN N
10 154.7100 SCC CLERS FMN N
11 158.7750 SCC SAN BENITO SHERIFF FMN N
12 154.6800 SCC CA DOJ AANET FMN N
13 154.6650 SCC AANET SURVEILANCE FMN N
14 158.8200 SCC COM CENTER ACCESS FMN N
15 158.8800 SCC AANET SURVEILANCE FMN N
16 154.4500 SCC TACTICAL FMN N

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

335. Re: Disconne ant. worth it?

Newsgroup: rec.radio.scanner
Date: 1994-08-08 13:28:57 UTC
From: domonkos@access.digex.net
Message-ID: <hjZHkiubGkSG066yn@access.digex.net>
Source record: 270696

In article <2092900006@cdp>, Richard Ingels wrote:
> I just bought a scanner (Pro 2030). I am considering a different antennae,
> but I don't know if it is worth it to buy one or just use the
> telescope ant. it came with. Any advice? I use the 30-50, 133, and
> 800 MHz ranges. Is the RS disconne ant. worth it? Or would I be able to
> buy something cheaper but just as good? What about when I go mobile?
> Sorry if this is FAQ, I don't know where they are.

The Radio Shack multiband vertical (29.95) is a much better performer than their discone. The RS discone does not cover as low as 25Mhz. The vertical, which I use, has elements optimized for specific frequency ranges, including 30-50Mhz. I added 2 more vertical elements for the 250-400Mhz and 800Mhz bands.

Andy

336. Re: What if you hear ille

Newsgroup: rec.radio.scanner
Date: 1994-08-08 13:29:10 UTC
From: domonkos@access.digex.net
Message-ID: <WnZHkiubGkKA066yn@access.digex.net>
Source record: 270697

In article <1994Aug7.150230.17647@seas.smu.edu>, David Leon wrote:
>
> Not really. The previous poster mentioned that there is no CRIMINAL
> liability, but that the remedy would be CIVIL. Therefore, the person
> whose conversations were illegally intercepted by the scanner operator
> could sue the scanner operator in tort. IOW, it's still not okay
> legally, it just does not violate 4th Amendment protections.
> In my Criminal Law class, we learned that as long as govt officials
> did not solicit or corroborate with the person who illegally obtained
> incriminating evidence against a third party then the evidence is
> admissible. Question: what if the govt agreed not to prosecute a thief
> who obtained evidence against a drug dealer by burglarizing the
> drug dealer's house in exchange for the thief's testimony, etc?
>
> BTW, legal =! moral 100% of the time. It's legal to pass by a dying
> person on the street without offering help. That does not make it moral.
^^
>
>
Thank you. A moral conscienscious citizen should make best use of what they
intercept. The law enforcement agencies will more than happily accept
anonymous tips. Let's face it, if the police make a bust thanks to a tip
(and they keep it anonymous too, this is the REAL world, I assume they
won't reveal that it was an anonymous tip) they look good for preventing
a crime.

Andy

337. Re: What if you hear ille

Newsgroup: rec.radio.scanner
Date: 1994-08-08 13:41:09 UTC
From: vhealey@crl.com
Message-ID: <325cll$t2r@crl2.crl.com>
Source record: 270699

In article <WnZHkiubGkKA066yn@access.digex.net>,
Andy Domonkos <domonkos@access.digex.net> wrote:
>>
>> BTW, legal =! moral 100% of the time. It's legal to pass by a dying
>> person on the street without offering help. That does not make it moral.
>^^
>>
>>
>Thank you. A moral conscienscious citizen should make best use of what they
>intercept. The law enforcement agencies will more than happily accept
>anonymous tips. Let's face it, if the police make a bust thanks to a tip
>(and they keep it anonymous too, this is the REAL world, I assume they
>won't reveal that it was an anonymous tip) they look good for preventing
>a crime.

I agree. Public saftey is improved for all when fellons are
tagged by anonymous tips. Then it is the responsibility of the police to
act or not act on the tip. Only a morally screwed up person would
generate a fake or hatefull tip falsely IMHO.


```
_____________________________________________________
| Victor G. Healey |
_______ | Marietta, Georgia USA (Atlanta suburb) |
/ _____ || | |
/ / O || | Email: vhealey@crl.com |
________/ /\--] || | Tel: (404) 435-6939 |
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338. Re: Ottawa (Canada) area freqs (LONG!)

Newsgroup: rec.radio.scanner
Date: 1994-08-08 13:59:42 UTC
From: zenith89@bnr.ca
Message-ID: <zenith89-080894095943@47.80.2.73>
Source record: 270700

In article <Cu6HvI.Mn7@freenet.carleton.ca>, ad607@FreeNet.Carleton.CA
(Darrell A. Larose) wrote:

> For anyone interested here is a long! list of Ottawa Canada frequencies
>
> VANIER POL F1 OPC 142.770
> VANIER POL F2 142.185
> VANIER POL F3 SIMPLEX 139.770
> VANIER FD LOCAL 155.760

The VANIER police and fire departments???? How old is your list?
I thought the Ottawa depts. handle Vanier now.

--
Chris Van Fleet, Bell Northern Research. | Never trust a
Phone (613) 763-7541, fax (613) 763-7383.| air-cooled computer.
Internet: zenith89@bnr.ca |

339. Don't buy the Antenna Specialists' MONR1 mobile antenna!

Newsgroup: rec.radio.scanner
Date: 1994-08-08 14:22:37 UTC
From: lee@tosspot.sv.com
Message-ID: <esTqqc1w165w@tosspot.sv.com>
Source record: 270701

Hi all.

Well, the saga continues and I am continuing to verify, first hand, all kinds of lore about antennas.

Latest tidbit for those interested -

There is a mobile scanner antenna (hole mount) sold by Antenna Specialists with the model number MONR1. Looks okay at first sight in the catalog - 3/8" hole mount, cuttable from 108 to 512 MHz, easy install.

I purchased one.

A more miserable piece of shoddy design and workmanship I have not encountered.

The whip is extremely thin (read not even slightly rigid) easily bent and likely to flex excessively at speeds above 10 MPH. The whip did, in fact, arrive badly kinked once it was take out of the plastic packaging that was keeping it straight. (^taken)

The base component of the antenna is made from a soft plastic that has threads that will strip easily.

The entire method of making the electrical connection between the coax and the whip looks as if it will be prone to intermittents in later years. I don't trust anything that uses a leaf spring to make a circuit to remain reliable.

Summary - I've installed a lot of antennas over the years on cars, this is possibly the worst quality and design I've seen.

Next - how the Larsen antenna stacks up!

Lee

340. Re: Interfering signals

Newsgroup: rec.radio.scanner
Date: 1994-08-08 14:58:12 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.59.0008F8A3@chevron.com>
Source record: 270703

In article <raygCu793p.4B7@netcom.com> rayg@netcom.com (RayG) writes:

> While scanning certain ranges with my pro-51, the signal I recieve gets
> overidden by the chatter of what sounds like a taxi cab service and
> a local police station. This is incredibly annoying, as the interfering
> signals totally take over the frequency I'm using. Is there any way to
> tune this stuff out? Also, how is it possible that these signals go out
> without messing up what was using the frequency in the first place? In
> addition, a taxi/police broadcast gets picked up over a wide range of
> frequencies (around 50 Mhz). What's going on?

This is common in busy metropolitan areas. You are probably hearing hetrodyning, or mixing frequencies. There are a number of ways this can happen.

Signals can mix in a transmitter amplifier. Usually caused by a higher than usual VSWR and a lack of transmitter isolation.

Signals can mix in the front end of your receiver. Scanners are so broadbanded that just about everything is getting to the mixer.

The people that are actually using these frequencies may see some of this interference but probably not like you do. Commercial radio equipment is generally much more selective than your scanner. This keeps unwanted signals at other frequencies from getting through the front end of the receiver.

The only way to reduce this would likely be to increase the selectivity of your scanner. Not a practical option if you still want a multiband receiver.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

341. R7000/7100

Newsgroup: rec.radio.scanner
Date: 1994-08-08 15:19:55 UTC
From: judice@sulaco.enet.dec.com
Message-ID: <325ier$idj@nntpd.lkg.dec.com>
Source record: 270702

I'm confused... it's my understanding that ICOM R7000/7100's
with continuous coverage are no longer imported - but if they
happen to be here (in the us), they can be sold.

Questions:

- what is with the Grove circular in the mail recently
that implied that continous 7000's would be sold only
to approved agencies.

- are there in fact, any NEW R7000/7100's (continous)
actually available, for sale in the US?

thanks,

--

Louis J. Judice | Email: judice@sulaco.enet.dec.com
Digital Equipment Corp. | Office: 908-562-4103
20 Corporate Place South | "To those who heed the call of the machine,
Piscataway, NJ 08876 | we salute you..."

342. Which scanner to buy

Newsgroup: rec.radio.scanner
Date: 1994-08-08 15:24:00 UTC
From: ed.lang@pplace.com
Message-ID: <5c.6234.13.0N17DE46@pplace.com>
Source record: 270714

I am starting to look for a new scanner and would like to hear from
others that have suggestions on models and features I should be looking
for. I live outside of Charlottesville, Va and don't even know what all
I could listen to, so if you can give me any frequencys local to me that
would help too. I don't want to spend thousands on the thing, but I
would hate to go to Radio Shack and ask the guy behind the counter only
to find out later that I could have had a lot better unit if only I had
done my homework. Thanks for your opinions.

 SLMR 2.1a "Not tonight dear.... I just got my new scanner."

343. Re: New R1 Restorible?

Newsgroup: rec.radio.scanner
Date: 1994-08-08 16:15:32 UTC
From: steven@sgb.oau.org
Message-ID: <Cu855y.1Hw@sgb.oau.org>
Source record: 270640

Michael Vines (mvines@netcom.com) wrote:
: Does anyone know if the new ICOM R1 (I think it's called the R1A now) is
: cellular restorable?

Only from overseas suppliers, they removed the entire 800 mhz
rf section.

Don't waste time with ICOM!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

344. Re: Beyond Police Call

Newsgroup: rec.radio.scanner
Date: 1994-08-08 16:18:18 UTC
From: steven@sgb.oau.org
Message-ID: <Cu85AK.1Iq@sgb.oau.org>
Source record: 270639

Michael Schuster (schuster@panix.com) wrote:

: One of the fastest ways to make enemies around here (besides having an aol
: address) is to mis-quote people.

Does this mean I should probably drop by aol adddress from my sig?

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

345. Re: PRO-2006 finally discontinued...

Newsgroup: rec.radio.scanner
Date: 1994-08-08 16:20:52 UTC
From: steven@sgb.oau.org
Message-ID: <Cu85Eu.1Jo@sgb.oau.org>
Source record: 270641
Cross-posted to: rec.radio.scanner,alt.radio.scaner

Well, is Opto going to make a new version of the 456 for this new 1000 channel scanner? I'd buy it just for being able to scan the cellular frequencies! That is something Opto has an advantage on -- they are not manufacturing scanners, but many electronic goodies for existing scanners.

I sure hope they make an add-on for this model too!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

346. 4 Sale BC 200XLT

Newsgroup: rec.radio.scanner
Date: 1994-08-08 17:05:01 UTC
From: brasshat@aol.com
Message-ID: <325ojt$g0l@search01.news.aol.com>
Source record: 270705

```
For Sale Bearcat BC 200XLT
NEW factory boxed
48 HR bench test- With 800 MHZ Mod.
$225 plus 9.50 Shipping

gary
E-Mail BrassHat@aol.com
```

347. Re: Detect detector?

Newsgroup: rec.radio.scanner
Date: 1994-08-08 17:17:05 UTC
From: wwhitby@aol.com
Message-ID: <325pah$g6j@search01.news.aol.com>
Source record: 270706

You can buy a spray on shielding material (nickel or silver) that you can use inside of the radar detector to reduce emissions. I think I saw this in one of
Bill Cheek's books.

Warren Whitby
wwhitby@aol.com

348. Atlanta, GA Frequencies Needed

Newsgroup: rec.radio.scanner
Date: 1994-08-08 17:36:47 UTC
From: wlhadley@cheetah.mitre.org
Message-ID: <325qfg$3pu@newsflash.mitre.org>
Source record: 270707
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hello all! I am going to Atlanta, GA for two weeks and would appreciate it if some of you out there could send me some freqs for the area. I will be in the city most of the time, but will be outside of the city at least one day (so any freqs for surrounding areas around Atlanta would also be appreciated).

I will post a summary of freqs that are sent to me directly!

Thanks in advance!
Bill Hadley
(wlhadley@mitre.org)

--

****
* William L. Hadley NASPAC System and Network Administrator *
* The MITRE Corporation 703-883-5446 *
* 7525 Colshire Drive, MS W291 Internet: wlhadley@mitre.org *
* McLean, Virginia 22102-3481 UUCP: linus!mitre.org!wlhadley *
****
* My opinions! Do you hear? MINE!!!! *
****

349. Re: Certain Freqs Needed - Los Angeles Area

Newsgroup: rec.radio.scanner
Date: 1994-08-08 17:47:23 UTC
From: jwh@kaiwan.com
Message-ID: <325r3b$kov@kaiwan.kaiwan.com>
Source record: 270708

Berton Corson (g9153402@huey.csun.edu) wrote:

: I've just had a scanner for about a week. Sort of an impulse purchase.
: Saw it on sale so I bought one. I programmed many local police
: frequencies in it from 'Police Call' I bought at Radio Shack. I wanted
: the book 'Beyond Police Call' too, but the local Radio Shacks didn't
: stock it.
: Anyway, I'm looking for some frequencies for the VA Medical Center
: Police (Sepulveda & West L.A.), Cal State Northridge Police (the ones
: listed in 'Police Call' just seem to be quiet), and any interesting
: commercial systems in the area.
: Thanks

VA Medical Center (in Northridge) Base: 463.000 Mobile: 468.000
CSUN Campus Police 153.740 and 154.540

Most campus police frequencies are dead.. except during major festivals or
campus "happenings". Enjoy.

John Herndon (jwh@kaiwan.com)
--
: ONE STOP TECH SHOP BBS * (310) 421-6766 * 24 Hours * USR 28.8 DS * 8/N/1 :
: Ham Radio * Scanners * Shortwave Listening * CAD/CAM/CAE * Ray Tracing :
: Groom Lake / Area 51 * Military Aircraft * Black Budgets * Satellites :
: 500 Megs + 3 CD-ROMs - Fidonet 1:102/471 - Share your interests today! :

350. Re: R7000/7100

Newsgroup: rec.radio.scanner
Date: 1994-08-08 17:49:53 UTC
From: josephl@wb3ffv.wb3ffv.ampr.org
Message-ID: <Cu89J5.EJw@wb3ffv.wb3ffv.ampr.org>
Source record: 270716

judice@sulaco.enet.dec.com wrote:

: I'm confused... it's my understanding that ICOM R7000/7100's
: with continuous coverage are no longer imported - but if they
: happen to be here (in the us), they can be sold.

: - are there in fact, any NEW R7000/7100's (continous)
: actually available, for sale in the US?

Nope! Not after April 1994.
--

Joseph Arthur Liu josephl@wb3ffv.ampr.org Hunt Valley, Maryland USA

351. Re: "WOODSTOCK '94" FREQS?

Newsgroup: rec.radio.scanner
Date: 1994-08-08 17:52:48 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug8.125248.2757@hnrc.tufts.edu>
Source record: 270704

In article <3228sg$hrm@pipe1.pipeline.com>, dra@pipeline.com (David Alpert) writes:
> I'll be at "Woodstock '94" in Saugerties, NY starting Tuesday
> (8/9). Anybody have any info on freqs being used by the
> promoters/on-site security etc?

I dunno, but if I were going and didn't have any more solid info, I'd program
the color dot fequencies into one bank.

352. Re: Guide to Scanner Antennas (Long)

Newsgroup: rec.radio.scanner
Date: 1994-08-08 18:02:13 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.439.001209FA@ccm.hf.intel.com>
Source record: 270632

In article <mike_diaz-080894134956@m41122.esl.com> mike_diaz@smtp.esl.com (Mike Diaz) writes:
[info deleted]

Thanks for that posting. Nice job on a very broad topic.
Just two comments.
1. You may want to consider redoing your gain figures. It looks as though you have used an isotropic radiator for your gain figures (like for the discone, which has unity gain when compared to a 1/2 wave dipole as you suggest in your section on 1/2 wave antennas).

2. One thing many people fail to consider on Log Periodics like Create's, is that they are very much like using a broad band pre-amp. They will cause FM Broadcast, Pagers, etc, to come in stronger as well. So it can make image and intermod problems get worse, or futher contribute to front end overload.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

353. Re: AOR8000 in Canada

Newsgroup: rec.radio.scanner
Date: 1994-08-08 18:09:02 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.440.00122721@ccm.hf.intel.com>
Source record: 270633

In article <brett_miller.437.000C8DAA@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>Radio Lorenz in Quebec quoted me US$628 delivered. I don't know if that price
>is still valid. That was about a month ago. The NO-CELL U.S. version is
>supposed to sell for $589 at certain dealers. Radio Lorenz is at 514-392-9200

Oh! I forgot to mention that the latest news on the AR8000 is that the
cellular range is removed (and therefor restored) via the computer control
interface. Word is that only dealers will have the software necessary to
delete (restore) the cellular range. EDCO has received FCC approval to
sell the AR8000 in the US and no hardware mods were apparently necessary.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

354. Re: R7000/7100

Newsgroup: rec.radio.scanner
Date: 1994-08-08 18:16:06 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.441.00124537@ccm.hf.intel.com>
Source record: 270634

In article <325ier$idj@nntpd.lkg.dec.com> judice@sulaco.enet.dec.com () writes:

>I'm confused... it's my understanding that ICOM R7000/7100's
>with continuous coverage are no longer imported - but if they
>happen to be here (in the us), they can be sold.

>Questions:

> - what is with the Grove circular in the mail recently
> that implied that continous 7000's would be sold only
> to approved agencies.

> - are there in fact, any NEW R7000/7100's (continous)
> actually available, for sale in the US?

Yes, Grove's catalog was a bit confusing. The R7000-2 and R7100-2 have
cellular deleted and can be sold in the US to anyone. The R7000 (now also
called the R7000-1) and the R7100 (R7100-1) can only be sold to government
agencies.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

355. Re: Mods on the Pro-2006 and Pro-43 PLEASE!!!

Newsgroup: rec.radio.scanner
Date: 1994-08-08 18:27:43 UTC
From: tipping@vertigo.helix.net
Message-ID: <325tev$p45@vertigo.helix.net>
Source record: 270715

```
In article <321o4g$43g@usenet.ins.cwru.edu>,
Kenneth Lee <dm281@cleveland.Freenet.Edu> wrote:
>
>I am new to this newsgroup, but I have heard that there are mods available
>for the Radio Shack Pro 2006 and Pro 43 that give access to the cellular
>frequencies, increase the channel directory, and speed up the hyperscan.
>
>If you can, please *e-mail*
>me info on the aforementioned mods and any additional ones that you may have.

Me Too. Pro-43 Please

tipping@helix.net

--
Matt Tipping
[tipping@unixg.ubc.ca]
[tipping@helix.net]
```

356. Re: "WOODSTOCK '94" FREQS?

Newsgroup: rec.radio.scanner
Date: 1994-08-08 18:45:47 UTC
From: dalpert@merle.acns.nwu.edu
Message-ID: <dalpert-0808941346430001@elvex31.acns.nwu.edu>
Source record: 270710

In article <ce.7407.696@vidgame.com>, tom.lackamp@vidgame.com (Tom Lackamp) wrote:

> DA>DA>Message-ID: <3228sg$hrm@pipe1.pipeline.com>
> DA>Newsgroups: rec.radio.scanner
> DA>Organization: The Pipeline
>
>
> David Alpert said:
>
> DA>I'll be at "Woodstock '94" in Saugerties, NY starting Tuesday
> DA>(8/9). Anybody have any info on freqs being used by the
> DA>promoters/on-site security etc?...
>
> David,
>
> Ummm.... When Leary said "Tune in, Turn on, Drop out," I don't
> think this is exactly what he had in mind! <g>
>
> Have a good time.
>
> I saw a good Woodstock tagline the other day:
>
> "I don't remember anything about Woodstock,
> so I must have been there!"
>
> Enjoy!
>
> Tom
> ---
> • CMPQwk #1.4• UNREGISTERED EVALUATION COPY

I'm a different Dave Alpert.

Tim Leary's partner was another Alpert whose first name I can't remember.

--
Dave Alpert, KB9CNU | Packet Radio: KB9CNU@W8LVN.IL.US.NOAM
Lake Forest, IL | Direct packet through ILWIN(145.57)
CI$: 70416,124 | eWorld: Dalpert
MS-DOS, Just Say NO! | Friends don't let friends do DOS!
Sysop, MACropoedia BBS 708-295-6926

357. New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-08 18:47:53 UTC
From: crisp@netcom.com
Message-ID: <crispCu8C7t.5sp@netcom.com>
Source record: 270711
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
INSTRUMENTS.
(a) Section 1029(a) of title 18 is amended by striking the word
"or" at the end of subparagraph (3) and adding the following new
subparagraphs:

"(6) knowingly and with intent to defraud uses, produces, traffics in, has
control or custody of, or possesses (i) a scanning receiver or (ii)
hardware or software used for altering or modifying telecommunications
instruments to obtain unauthorized access to telecommunications services."

Notice how this outlaws cellular capable scanners: now mere possession
is outlawed if this silly bill makes it into law. Of course with a "silly Bill"
in the white house, I wouldn't be surprised if it does get enacted.

Your freedom grabbing Democrats love this act.

"(7) the term 'scanning receiver' means any device or apparatus that can be
used to intercept a wire or electronic communication in violation of
chapter 119 of this title."

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

358. 900 MHz spread spectrum systems

Newsgroup: rec.radio.scanner
Date: 1994-08-08 19:01:41 UTC
From: wolf@beta.lanl.gov
Message-ID: <325vel$3ua@newshost.lanl.gov>
Source record: 270709
Cross-posted to: sci.crypt,rec.radio.amateur.digital.misc,rec.radio.scanner

lately i've become interested in the level of security actually provided by the 900 mhz spread spectrum phones. for instance, could a hacker with a pc and a smattering of outboard hardware have a good chance of decoding one's 900MHz phone calls?

does anyone have any details on the ss systems used in, say, the escort phones? spreading sequence generator, moduation methods, synchronization schemes, etc.? one of the felows that i talked with at cincinnatti microwave suggested that their phones choose a spreading sequence randomly whenever the phone gets used. is this true?

being a ham, i know that the fcc has allowed hams to use one of two linear feedback shift register schemes to generate the spreading sequence for direct sequence and frequency hopped systems. this makes it extremely easy to intercept a transmission. if the phones were this vulnerable then it would be difficult to make claims of security, eh?

also, since a lot of conversation time is "dead" time - mostly silence - does this provide the attacker a rather simple way to get the spreading code? i am assuming that the digitized voice level is mixed with the spreading code here - maybe someone who has more insight can comment on this method of attack.

if you've got the technical info, please pass it along. i'll post a summary.

david

==========
david r wolf - wolf@lanl.gov - ms p940, 87545 - 1+505-667-3813 - wb4vcq
==========

359. Southern NJ State Police

Newsgroup: rec.radio.scanner
Date: 1994-08-08 19:37:00 UTC
From: bill.graham@compudata.com
Message-ID: <12a.4187.757@compudata.com>
Source record: 270642

Does any body know frequency of N.J. State Police in this area.
Glouchester county, Franklin Township and Clayton

360. Text of new digital communications protection act

Newsgroup: rec.radio.scanner
Date: 1994-08-08 20:30:57 UTC
From: crisp@netcom.com
Message-ID: <crispCu8GzM.F6v@netcom.com>
Source record: 270713
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

I have already had a request for the whole bill, so I will now post it.
The scanner stuff is buied towards the end, so I did not want to
post the entire text without first generating interest by highlighting the
scanner part. Please folks, let's get together on this and defeat this
blatant attack on your an my freedom!

Many thanks to Dave Emery for forwarding this to me.

DRAFT - August 1, 1994

SECTION 1. INTERCEPTING DIGITAL AND OTHER COMMUNICATIONS.
Title 18, United States Code, is amended by adding the following new chapter:
"CHAPTER 120 -- TELECOMMUNICATIONS CARRIER ASSISTANCE TO THE GOVERNMENT
"Sec. 2601. Assistance requirements.
"(a) CAPABILITY REQUIREMENTS. -- Except as provided in subsections (b),
(c) and (d) of this section and subsection (c) of section 2606, a
telecommunications carrier shall ensure that its services or facilities
that provide a customer or subscriber with the ability to originate,
terminate or direct communications have the capability to --
(i) expeditiously isolate and enable the government to intercept, to the
exclusion of any other communications, all wire and electronic
communications carried by the carrier within a service area to or from
equipment, facilities or services of a subscriber of such carrier
concurrent with their transmission to or from the subscriber's service,
facility or equipment or at such later time as may be acceptable to the
government;
(ii) expeditiously isolate and enable the government to access call
identifying information which is reasonably available to the carrier
--
(1) either before, during or immediately after the transmission of a wire
or electronic communication (or at such later time as may be acceptable to
the government); and
(2) in a manner that allows it to be associated with the communication to
which it pertains,
except that, with regard to information acquired solely pursuant to the
authority for pen registers and trap and trace devices as defined in
chapter 206 of this title, such call identifying information shall not
include any information that may disclose the physical location of the
subscriber, beyond what may be determined from the telephone number;
(iii) deliver intercepted communications and call identifying information
to the government in a format such that they may be transmitted by means of
facilities or services procured by the government to a location away from
the premises of the carrier; and

(iv) facilitate authorized communications interceptions and call identifying information access unobtrusively and with a minimum of interference with any subscriber's telecommunications service and in a manner that protects the privacy and security of communications and call identifying information not authorized to be intercepted and protects information regarding the government's interception of communications and access to call identifying information.

"(b) LIMITATIONS. This chapter does not authorize any law enforcement agency or officer to require the specific design of features or system configurations to be adopted by providers of wire or electronic communication service, nor does it authorize any law enforcement agency or officer to prohibit the adoption of any feature or service by providers of wire or electronic communication service. The requirements of subsection (a) do not apply to (i) information services or (ii) services or facilities that support the transport or switching of communications for the sole purpose of interconnecting telecommunications carriers or private networks.

"(c) EMERGENCY OR EXIGENT CIRCUMSTANCES. In emergency or exigent circumstances, including but not limited to those described in sections 2518(7), 2518(11)(b) and 3125 of this title or in section 1805(e) of title 50, a carrier may fulfill its responsibilities under subparagraph (a)(iii) by allowing monitoring at its premises if that is the only means of accomplishing the interception or access.

"(d) MOBILE SERVICE ASSISTANCE REQUIREMENTS. A telecommunications carrier offering a feature or service that allows subscribers to redirect, hand off, or assign their wire or electronic communications to another service area or another service provider, or to utilize facilities in another service area or of another service provider, shall ensure that, when the carrier that had been providing assistance for the interception of wire or electronic communications or access to call identifying information pursuant to a court order or lawful authorization no longer has access to the content of such communications or call identifying information within the service area where interception has been occurring as a result of the subscriber's use of such feature or service, information is available to the government, either before, during or immediately after the transfer of such communications, identifying the provider of wire or electronic communication service that has acquired access to the communications.

"Sec. 2602. Notice of capacity requirements.

"(a) NOTICE OF MAXIMUM AND INITIAL CAPACITY REQUIREMENTS. Within one year from the date of enactment of this Act, and after consulting with state and local law enforcement agencies, telecommunications carriers, providers of telecommunications support services, and manufacturers of telecommunications equipment, the Attorney General shall publish in the Federal Register and provide to appropriate telecommunications carrier associations, standards bodies and fora --

(i) notice of the maximum capacity required to accommodate all the communications interceptions, pen registers and trap and trace devices that the Attorney General estimates government agencies authorized to conduct electronic surveillance may conduct and use simultaneously; and

(ii) notice of the number of all communications interceptions, pen

registers, and trap and traces devices, representing a portion of the maximum capacity set pursuant to (a)(i), that the Attorney General estimates government agencies authorized to conduct electronic surveillance may conduct and use simultaneously four years from the date of enactment of this Act.

Such notices may be based upon the type of equipment, type of service, number of subscribers, geographic location, or other measure.

"(b) COMPLIANCE WITH CAPACITY NOTICES. Within three years of the publication by the Attorney General of a notice of capacity needs, or within four years from the date of enactment of this Act, whichever is longer, a telecommunications carrier shall ensure that its systems are capable of --

(i) expanding to the maximum capacity set forth in the notice provided pursuant to section (a)(i); and

(ii) accommodating simultaneously the number of interceptions, pen registers and trap and trace devices for which notice has been provided pursuant to section (a)(ii).

Thereafter, a telecommunications carrier shall ensure that it can accommodate expeditiously any increase in the number of interceptions, pen registers and trap and trace devices that authorized agencies may seek to conduct and use, up to the maximum capacity specified pursuant to section (a)(i).

"(c) PERIODIC INCREASES IN NOTICE OF MAXIMUM CAPACITY REQUIREMENTS. The Attorney General shall periodically provide to telecommunications carriers written notice of any necessary increases in the maximum capacity specified pursuant to section (a)(i). Within three years after receiving written notice of such increased capacity requirements, or within such longer time period as may be specified by the Attorney General, a telecommunications carrier shall ensure that its systems are capable of expanding to the increased maximum capacity set forth in such notice.

"Sec. 2603. Systems security and integrity.

"A telecommunications carrier shall ensure that any court ordered or lawfully authorized interception of communications or access to call identifying information effected within its switching premises can be activated only with the affirmative intervention of an individual officer or employee of such carrier.

"Sec. 2604. Cooperation of equipment manufacturers and providers of telecommunications support services.

"A telecommunications carrier shall consult, as necessary, in a timely fashion with manufacturers of its telecommunications transmission and switching equipment and its providers of telecommunications support services for the purpose of identifying any service or equipment, including hardware and software, that may require modification so as to permit compliance with the provisions of this chapter. A manufacturer of telecommunications transmission or switching equipment and a provider of telecommunications support services shall, on a reasonably timely basis and at a reasonable charge, make available to the telecommunications carriers using its equipment or services such modifications as are necessary to permit such carriers to comply with the provisions of this section.

"Section 2605. Technical requirements and standards for

implementation of section 2601 requirements.
"(a) SAFE HARBOR. To ensure the efficient and industry-wide implementation of the requirements established in section 2601 of title 18, United States Code, the Attorney General, in coordination with other Federal, State, and local law enforcement agencies, shall consult with appropriate associations and standards setting bodies of the telecommunications industry. A telecommunications carrier shall be in compliance with the capability requirements of section 2601 if it is in compliance with publicly available technical requirements or standards which meet the requirements of section 2601 adopted by an industry association or standards setting body. The absence of technical requirements or standards for implementing the requirements of section 2601 shall not preclude any carrier from deploying a technology or service nor shall the absence of standards relieve any carrier of the obligations imposed by section 2601.
"(b) FCC AUTHORITY. In the event of a dispute about technical requirements or standards or if industry associations or bodies fail to issue technical requirements or standards, any person may petition the Federal Communications Commission to establish, by notice and comment rulemaking or other such proceedings as it may be authorized to conduct, specifications or standards that meet the requirements established in section 2601 of title 18, United States Code, protect the privacy and security of communications not authorized to be intercepted, and serve the policy of the United States to encourage the provision of new technologies and services to the public. In a proceeding under this section initiated by a telecommunications carrier, manufacturer of telecommunications transmission and switching equipment, or provider of telecommunications support services, the Commission, to recover the costs of its actions under this section, may assess and collect a fee against the carriers, manufacturers or providers that are parties to the proceeding. Such fee shall be deposited as an offsetting collection in, and credited to, the account providing appropriations to carry out the functions of the Commission and shall be available without fiscal year limitation.
"(c) EXTENSION OF COMPLIANCE DATE FOR FEATURES AND SERVICES. A telecommunications carrier proposing to deploy, or having deployed, a feature or service within four years after the date of enactment of this Act may petition the Commission for one or more extensions of the deadline for complying with the requirements established in section 2601 of title 18, United States Code. The Commission may, after affording a full opportunity for hearing and after consultation with the Attorney General, grant an extension under this paragraph, if it determines that compliance with the requirements of section 2601 of title 18, United States Code, is not reasonably achievable through application of technology available within the compliance period. An extension under this paragraph shall extend for no longer than the earlier of (i) the date determined by the Commission as necessary for the carrier to comply with the requirements of section 2601 of title 18, United States Code; or (ii) in no event beyond two years after the date on which the initial extension is granted. An extension under this subsection shall apply to only that part of the carrier's business on which the new feature or service is used.
"Sec. 2606. Enforcement orders.

"(a) If a court authorizing an interception under chapter 119, under a State statute, or under the Foreign Intelligence Surveillance Act, or authorizing use of a pen register or a trap and trace device under chapter 206 or under a state statute finds that a telecommunications carrier has failed to comply with the requirements in this chapter, the court may direct that the carrier comply forthwith and may direct that a provider of support services to such carrier or the manufacturer of the carrier's transmission or switching equipment furnish forthwith modifications necessary for the carrier to comply.
"(b) The Attorney General may apply to the appropriate United States District Court for, and the District Courts shall have jurisdiction to issue, an order directing that a telecommunications carrier, a provider of telecommunications carrier support services or a manufacturer of telecommunications transmission or switching equipment comply with this chapter.
"(c) A court shall issue an order under subsections (a) or (b) only if it finds that --
(i) alternative technologies or capabilities or the facilities of another carrier are not reasonably available to law enforcement for implementing the interception of communications or access to call identifying information; and
(ii) compliance with the requirements of this chapter is reasonably achievable through the application of available technology to the feature or service at issue or would have been reasonably achievable if timely action had been taken.
A court may not issue an order where the government's demands for interception of communications and acquisition of call identifying information exceed the capacity for which notice has been provided under section 2602.
"(d) A court issuing an order under this section may impose a civil penalty of up to $10,000 per day for each day in violation after the issuance of the order or after such future date as the court may specify. In determining whether to impose a fine and in determining its amount, the court shall take into account the nature, circumstances, and extent of the violation, and, with respect to the violator, ability to pay, good faith efforts to comply in a timely manner, effect on ability to continue to do business, the degree of culpability or delay in undertaking efforts to comply, and such other matters as justice may require. The Attorney General may file a civil action in the appropriate United States District Court to collect, and the United States District Courts shall have jurisdiction to impose, such fines.
"Sec. 2607. Definitions.
"As used in this chapter --
"(1) the terms defined in section 2510 of this title have, respectively, the definitions given such terms in that section; "(2) 'telecommunications carrier' means any person or entity engaged in the transmission or switching of wire or electronic communications as a common carrier for hire, as defined by section 3(h) of the Communications Act of 1934, and includes (i) any person or entity engaged in providing commercial mobile service, as defined in section 6002(b) of Public Law 103-66, and

(ii) any person or entity engaged in providing wire or electronic communication switching or transmission service to the extent that the Commission finds that such service is a replacement for a substantial portion of the local telephone exchange service and that it is in the public interest to deem such person or entity to be a common carrier for purposes of this Act.

"(3) 'provider of telecommunications support services' means any person or entity that provides products, software, or services to a telecommunications carrier that are integral to the switching or transmission of wire or electronic communications;

"(4) 'government' means the Government of the United States and any agency or instrumentality thereof, the District of Columbia, any commonwealth, territory or possession of the United States, and any state or political subdivision thereof authorized by law to conduct electronic surveillance;

"(5) 'information services' means the offering of a capability for generating, acquiring, storing, transforming, processing, retrieving, utilizing, or making available information via telecommunications, and includes electronic publishing, but does not include any use of any such capability for the management, control or operation of a telecommunications system or the management of a telecommunications service;

"(6) 'call identifying information' means all dialing or signalling information associated with the origin, direction, destination, or termination of each communication generated or received by the subscriber equipment, facility or service of such carrier that is the subject of a court order or lawful authorization, but does not include any information that may disclose the physical location of the subscriber beyond what may be inferred from the telephone number."

SECTION 2. EFFECTIVE DATE. Sections 2601 and 2603 of title 18 as added by section 1 of this Act shall take effect four years after the date of enactment of this Act. Unless otherwise specified, all other provisions of this Act shall become effective on the date of enactment.

SECTION 3. REIMBURSEMENT AND FUNDING.

(a) The Attorney General shall reimburse telecommunications carriers for all reasonable costs directly associated with (1) the modifications performed by carriers prior to the effective date of section 2601 or prior to the expiration of any extension granted under section 2605(c) of title 18, United States Code, as added by this Act, to establish the capabilities necessary to comply with section 2601; (2) establishing the maximum capacity requirements set pursuant to section 2602 of title 18; and (3) expanding existing facilities to accommodate simultaneously the number of interceptions, pen registers and trap and trace devices for which notice has been provided pursuant to section 2602. Notwithstanding any other provision of law, the Attorney General is authorized to establish any procedures and regulations deemed necessary to effectuate timely and cost-efficient reimbursement to telecommunications carriers for reimbursable costs incurred under this Act, under chapters 119 and 121 of Title 18, United States Code, and under the Foreign Intelligence Surveillance Act. If there is a dispute between the Attorney General and a telecommunications carrier regarding the amount of reasonable costs to be

reimbursed, the dispute shall be resolved and the amount determined, in a proceeding initiated at the Federal Communications Commission under section 2605 of title 18 or by the court from which an enforcement order is sought under section 2606.
(b) For fiscal years 1995 through 1998, there are authorized to be appropriated a total of $500,000,000. For fiscal years 1999 and thereafter, there are authorized to be appropriated such sums as may be necessary to carry out the purposes of this Act.
(c)(i) On or before November 30, 1995, and on or before the same day each year for five years thereafter, the Attorney General shall submit to the Congress a report on the amounts paid during the preceding fiscal year in reimbursement to carriers for costs incurred in making modifications to comply with the provisions of this Act. Said reports shall include but not be limited to (1) a detailed accounting of the amounts paid to each carrier and the technology, feature or service for which the amounts were paid and (2) projections of the amounts expected to be paid in the then ongoing fiscal year, the carriers to which reimbursement is expected to be paid, and the technologies, services, or features for which reimbursement is expected to be paid.
(ii) On or before April 1, 1996 and April 1, 1998, the General Accounting Office shall, after consultation with the Attorney General and the telecommunications industry, submit to the Congress a report reflecting its audit of the sums paid by the Attorney General to carriers in reimbursement. Such report shall include the findings and conclusions of the Comptroller General on the costs to be incurred after the compliance date, including projections of the amounts expected to be incurred and the technologies, services, or features for which expenses are expected to be incurred.
SECTION 4. DEFINITION.
Section 2510(4) of title 18 is amended by adding at the end thereof, before the semicolon, ", except that with regard to the transmission of a communication encrypted by a subscriber, a telecommunications carrier shall not be responsible for decrypting, or ensuring the government's ability to decrypt, the communication, unless the encryption was provided by the service provider and the service provider possesses the information necessary to decrypt the communication".
SECTION 5. CORDLESS TELEPHONES.
(a) Definitions. - Section 2510 of title 18, United States Code, is amended -
(1) in paragraph (1), by striking "but such term does not include" and all that follows through "base unit"; and
(2) in paragraph (12), by striking subparagraph (A) and redesignating subparagraphs (B) through (D) as subparagraphs (A) through (C) respectively.
(b) Penalty. - Section 2511 of title 18, United States Code, is amended -
(1) in subsection (4)(b)(i), by inserting "a cordless telephone communication that is transmitted between the cordless telephone handset and the base unit," after "cellular telephone communication,"; and
(2) in subsection (4)(b)(ii), by inserting "a cordless telephone

communication that is transmitted between the cordless telephone handset and the base unit," after "cellular telephone communication,".
SECTION 6. RADIO-BASED DATA COMMUNICATIONS.
Section 2510(16) of title 18, United States Code, is amended by striking the word "or" at the end of subparagraph (D) and inserting an "or" at the end of subparagraph (E) and adding the following new subparagraph:
"(F) an electronic communication;"

SECTION 7. PENALTIES FOR MONITORING RADIO COMMUNICATIONS THAT ARE NOT SCRAMBLED, ENCRYPTED, OR NON-PUBLIC.
Section 2511(4)(b) of title 18, United States Code is amended by deleting the phrase "or encrypted, then -" and inserting the following:
", encrypted, or transmitted using modulation techniques whose essential parameters have been withheld from the public with the intention of preserving the privacy of such communication, then -"
SECTION 8. TECHNICAL CORRECTION.
Section 2511(2)(a)(i) of title 18 is amended by striking out "used in the transmission of a wire communication" and inserting in lieu thereof "used in the transmission of a wire or electronic communication".

SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO INSTRUMENTS.
(a) Section 1029(a) of title 18 is amended by striking the word "or" at the end of subparagraph (3) and adding the following new subparagraphs:
"(5) knowingly and with intent to defraud uses, produces, traffics in, has control or custody of, or possesses a telecommunications instrument that has been modified or altered to obtain unauthorized use of telecommunications services; or
"(6) knowingly and with intent to defraud uses, produces, traffics in, has control or custody of, or possesses (i) a scanning receiver or (ii) hardware or software used for altering or modifying telecommunications instruments to obtain unauthorized access to telecommunications services."
(b) Section 1029(c)(2) of title 18 is amended by striking "(a)(1) or (a)(4)" and inserting in lieu thereof "(a)(1), (a)(4), (a)(5) or (a)(6)".
(c) Section 1029(e)(1) of title 18 is amended by inserting "electronic serial number, mobile identification number, personal identification number, or other telecommunications service, equipment, or instrument identifier," after "account number,".
(d) Section 1029(e) of title 18 is amended by striking the word "and" at the end of subparagraph (5), by striking the period at the end of subparagraph (6) and adding "; and", and by adding the following new subparagraph:
"(7) the term 'scanning receiver' means any device or apparatus that can be used to intercept a wire or electronic communication in violation of chapter 119 of this title."

SECTION 10. TRANSACTIONAL DATA.
(a) Section 2703(c)(1)(B) of title 18, United States Code, is amended by adding at the end thereof the following:

"Records or other information disclosed under this subparagraph shall not include any interactive information generated by the subscriber or customer or any information identifying services used by the subscriber or customer, except the dialling or signalling information utilized in call or message processing.";
(b) Section 3121 of title 18, United States Code, is amended by redesignating subsection (c) as (d), and adding a new subsection (c) as follows:
"(c) Limitation. -- A government agency authorized to install and use a pen register under this chapter, or under state law, shall use technology reasonably available to it that restricts the recording or decoding of electronic or other impulses to the dialling and signalling information utilized in call processing."

SECTION 11. REPORTING OF INTERCEPTIONS ENCOUNTERING ELECTRONICALLY ENCRYPTED COMMUNICATIONS.
Section 2519(2) of title 18, United States Code, is amended by deleting everything after the semicolon in subparagraph (f) and inserting the following:
"(g)the number of interceptions encountering electronically encrypted communications, specifying the number of such interceptions that could not be decrypted; and
"(h)The information required by paragraphs (b) through (g) of this subsection with respect to orders or extensions obtained in a preceding calendar year."

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

361. Re: Detect detector?

Newsgroup: rec.radio.scanner
Date: 1994-08-08 20:36:38 UTC
From: gbelton@cris.com
Message-ID: <J9fHkasteoM6065yn@cris.com>
Source record: 270712

In article <323smd$i35@ionews.io.org>, Gleb Esman wrote:
> Question to radio professionals:
> How is it possible to detect a radar detector? As far as I know

A radar detector is a radio receiver. Like many radio receivers, the radar detector uses the "Superheterodyne" type of circuit. In this circuit, the incoming signal is mixed with another radio frequency signal; the output from the mixer is at a lower frequency than the original signal and thus is easier to work with.

A radar detector detector would work by looking for the Intermediate Frequency (IF) which is generated within the radar detector. It would have to be a very sensitive receiver, since the IF is not a very strong signal. But it is definitely feasible to do this.

362. Recoton WR200 Cordless Headphone sale

Newsgroup: rec.radio.scanner
Date: 1994-08-08 21:28:19 UTC
From: kwong@ee.ualberta.ca
Message-ID: <32681j$8le@quartz.ucs.ualberta.ca>
Source record: 270717

Those of you who live in Canada may wish to buy a Recoton WR200 cordless headphone system for use with your scanner. These units are on sale at half price ($50) at The Bay (at the downtown Calgary store at least). The system consists of a transmitter with a 4" whip antenna, battery-powered receiver with a belt clip, and stereo headphones (included).

The great advantage of this sytem over the newer WR400(?) model is that the receiver is separate from the headphones so you can use any headphones, earplugs, or speakers for monitoring. The antenna can also be unscrewed and replaced (the whip from my Radio Shack Pro-2032 fits perfectly).

As a bonus, the 913-914 MHz receiver picks up other voice communications. I heard full duplex two-way conversations. I think the receiver unit is getting image frequencies from 900 MHz cordless phones.

363. Radio! Magazine

Newsgroup: rec.radio.scanner
Date: 1994-08-08 21:34:28 UTC
From: rayg@netcom.com
Message-ID: <raygCu8JxG.EF1@netcom.com>
Source record: 270718

I just picked up a new magazine called Radio! that radio shack is selling for $1.95. Since its one of those paid-commercial-advertisements-turned-magazine type things I almost didn't even give it second notice. However, it turns out that if you wade through the ads and stomach the fact that the writers are trying to act like they're not associated with RS, you will find some useful info, especially for beginners. Here's some of the topics covered:

1) Scanning the Action Bands - Basic scanning history and use
2) You can hear WHAT on a scanner - NASA, satellite freqs
3) Pro-2006 Review
4) Shortwave - the Great Radio Escape - shortwave tech descript & freqs
5) Tuning Aircraft, Military stations on shortwave
6) AM broadcast band listening
7) DX-390 Review
8) Radio Codes - APCO,Phonetics lists
9) HTX-404 Review
10) No-licens 49 Mhz communications (TRC-503 plug)
11) The Radio Spectrum - beginner desc of radio spectrum
12) What is World Time?
13) Souping up your scanner - antennae addons
14) DX Shortwave antennae
15) 22-305 Review
16) Buying a CB Radio

Anyway, not for everyone, but worth the 1.95 to me...

Ray

364. Guide to Scanner Antennas (Long)

Newsgroup: rec.radio.scanner
Date: 1994-08-08 21:54:55 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-080894134956@m41122.esl.com>
Source record: 270719

A Guide to Scanner Antennas.
by Mike Diaz

There have been many questions regarding how to select an antenna for scanning. This is a Readers' Digest version of antennas, meant to give new users some idea of the different antennas and their good and bad points. At the end, I give some recommendations on how to build a general purpose VHF/UHF antenna system. This is not an all inclusive book on antennas, but rather a guide for novices in their quest to learn more about their scanning hobby. What's the best antenna? There would seem to be as many different answers, as there are people asking the question. Everybody has a favorite band that they listen to, and different antennas work better on different frequencies. But the fact is, the general principles remain the same for everybody. The object of an antenna SYSTEM, is to deliver as much signal as possible to the antenna jack on the back of the radio at the frequency you're listening to. Notice I wrote system; the antenna is a system comprised of several parts: the antenna, the lead-in cable, and the mast or tower to hold it up.

1) ANTENNAS
There are MANY different and very good antennas on the market. There are also some bad ones out there. Antennas are where the most compromises must be made. If you have unlimited room , and very deep pockets, you can put up an antenna farm with a different antenna and radio for each band that you listen to, and not have to compromise. But if you're like the rest of us, you WILL compromise. If you only listen to one band, then your best bet is an antenna designed specifically for that band. Something like a 1/4 wave ground plane, or a 1/2 wave dipole antenna is a good choice for omni-directional listening at a low cost. It will have the added benefit of being less efficient out of band, which if you live in a dense signal environment, may attenuate those intermod producing signals somewhat.

1/4 WAVE GROUND PLANE antenna
This is a single band vertically polarized antenna that offers about 3dB of gain in a relatively narrow frequency range. Its major benefits are its low cost and small size. The ground plane isolates your antenna from having to be coupled to earth ground at a specific multiple of the wavelength, by simulating ground with the radially mounted elements around the bottom. A car mounted antenna is typically a 1/4 wave that uses the body of the car for its ground plane. There are some versions that have several vertical elements (like the R.S. "Allband" with 3) but each vertical element will only be resonant in one band. While it will receive signals in all bands , it will only be efficient in the 3 bands that the

vertical elements are cut to resonate at. R.S.�s all-band is a good antenna if you have a limited number of bands you listen on, they used to sell it as a tri-band, which it is. It�s reasonably priced and gives good performance on 3 popular frequency bands and is usable on the other bands as well.

DISCONE antenna
This is a relative of the 1/4 wave ground plane antenna optimized for wide frequency bandwidth. It offers 3-6dB of gain, but on frequencies above ~120-1300MHz, and with a vertical element on top it is usable down to about 40MHz. The gain is achieved by compressing the radiation pattern into a donut shape with little of the signal radiating upwards or downwards, concentrating the pattern perpendicular to the vertical axis of the antenna. It�s called a discone because it is comprised of two parts, the disc, a group of elements parallel to the ground on top, and the cone, the radial elements around the bottom that form the ground plane. These could be made from a solid metal disc and a cone shaped sheet metal radial, and perform the same, but the wind loading would be increased. The Diamond D130J and the Sigma SE1300 are good discones for general purpose scanning. My personal experience with the Radio Shack discone antenna at home, has shown that it is not a very good implementation of the discone design and should be avoided. I believe that the discone is the best all band antenna, it really works. I don�t see ANY other type of omni-directional antenna usable for TRANSMITTING on ALL VHF and UHF ham bands (50, 144, 220, 432, 900, & 1200 MHz) like the discone is. It would be usable on all frequencies in between, too, but that�s illegal, if you�re transmitting as an amateur. I have built many UHF data and voice links (and other things) for the US Gov�t over the years and we use discone antennas for the 225-400MHz military UHF band; the VSWR is consistent and low across the entire band.

1/2 WAVE DIPOLE antenna
This is also a single band antenna that offers 2dB of gain in a relatively narrow frequency range. The dipole antenna is the standard against which gain is measured on all antennas, and it is twice as long as a 1/4 wave antenna. It has balanced signal and ground sides, which means that the coax feed is in the center of the antenna. The center conductor is hooked to the top half and the shield connects to the lower half. It requires a balun to connect it to coax cable, although there are feed techniques that can do the job of matching the antenna to the 50 ohm coax. It is fairly large for the frequency it�s tuned to, and like the ground plane antenna, it isolates your antenna from having to be coupled to earth ground at a specific multiple of the wavelength, by simulating ground with the lower half of the antenna. The dipole can be oriented either vertically or horizontally.

YAGI beam antenna
Named after it�s inventors Yagi and Uda (the second guy always loses out), is another single band antenna that offers 10-25dB of gain and 15-30dB of front-to-back isolation in a relatively narrow frequency range. It is a

group of dipoles all the same length, connected to a boom, to hold them a specific distance apart. It offers excellent gain, and front-to-back isolation and a narrow beam width that it will receive from. You will need a rotor to point it in the right direction, if you want to listen in more than one direction. The down side is, it will only have gain in a narrow frequency range of about +/-1% of the center frequency, which would be beneficial in a dense signal environment, or if you only listen on one band. It is most commonly used by commercial and amateur operators since it is inexpensive and a very efficient type of antenna for single band, point to point, communication in the VHF/UHF range.

LOG PERIODIC beam antenna
The Logarithmicly Periodic Dipole Array is a beam antenna optimized for wide frequency bandwidth. It offers 5-15dB of gain with a moderate 10-15dB of front-to back ratio; the beam width is fairly wide when compared to a Yagi. It is a group of dipoles of decreasing size (with the longest in back and the smallest in front), connected to a boom, to hold them a specific distance apart. The tapering of the elements is what gives it the wide frequency range, by always providing an element that resonates near the frequency that your operating on. It is most commonly used in TV antennas, where operation on many frequencies is required. The down side is that the LPDA can be fairly large for a VHF/UHF antenna. There are commercial versions available that provide general coverage. Create Labs makes two models for $175 & $250. EEB and Ham Radio Outlet both have them in their catalogs.

TV antennas
A TV antenna is NOT a very good scanner antenna because it is optimized only for the TV bands. If you look closely at a TV antenna you will notice that the taper of the elements is not uniform. There will be several long ones (Chan 2-6 at 54-88MHz) then several medium long ones, often interspersed with the long ones (Chan 7-13 at 175-216MHz), and then a bunch of short ones, all the same length (UHF 470-812MHz). The missing elements are for the frequencies that a scanner user wants, but are not in the TV band, so they are not included in the design. If the frequencies that you do listen to are close to the TV bands, then after re-orienting a TV antenna to vertical polarization, it may work, but I'll bet it doesn't work very well. Another problem is, the UHF elements on a TV antenna are ALWAYS a Yagi design. The reception range that they advertise is only on one channel (my guess is around Chan 35 at 600MHz) and the gain falls off the farther you get from that center channel. There are no scanner type signals anywhere near this frequency and a Yagi is a tuned frequency antenna. You will NEVER see a gain Vs frequency plot of any TV antenna from the manufacturer. This is why TV antennas make lousy scanner antennas. If you want to use a wide band UHF TV antenna, try a 4-bay bow tie, it has about 6dB of gain, a 15dB front-to-back ratio and resonates across a wide frequency range. The whole antenna just needs to be re-oriented to vertical polarization. On VHF, don't bother. I am not aware of any true broad band LPDA TV antenna, they are always optimized only for TV frequencies, they are missing elements resonating in the

88-175MHz and 216-470MHz regions.

2) Lead-in CABLE
It doesn't matter how good your antenna is, if you are feeding it with lossy COAX.
The loss that a COAX has, is determined by many factors, most having to do with the density and effectiveness of the shield and the dielectric (the insulator in the center). If the shield is not very good, more of the signal will be lost before it gets to your radio, and you will be susceptible to multipath distortion in strong signal environments. If the dielectric is made wrong the impedance of the COAX will vary. The problem is the quality of the cable itself, this is something that you can't see or discern from the specs, RG-8 is RG-8 right? WRONG, because it is a manufacturing process, if the machines that manufacture it are not set-up properly, or the materials used are sub-standard, the result will be BAD COAX. Cheap COAX may have a 98% shield in it's specs but it won't be consistent across the entire length of the cable. Sometimes there will be areas several feet long with large gaps with only a few strands in the shield. There is no way to tell from outside the cable that something is wrong. The same for the dielectric, if it's uneven the characteristic impedance of the COAX will vary tremendously. The result is you just won't hear as many signals at the higher frequencies. That is why you should always buy name brand cable from a reputable manufacturer.
Frequency is the other MAJOR contributing factor in determining your losses. The higher the frequency, the higher the loss. If you only listen to the California Highway Patrol, in the 39-45MHz band, then a VHF 1/4 wave ground plane antenna and any kind of COAX will do, such as RG58, which is easily routed, and not very expensive. The same is true if you listen only to railroads or police/fire in the 150MHz band. A single band 1/4 or 1/2 wave and the better RG8 cable will be plenty good enough. But if you listen to the 800MHz trunked band you can significantly improve your reception, by just using better COAX. I use Heliax on my system for maximum performance. I've included a chart of some common COAXs and their loss at different frequencies for comparison.
These are from the Belden Wire and Cable catalog, except for the Heliax.

Losses in dB per 100ft

	50MHz	100MHz	500MHz	900MHz
RG-58A/U	3.3	4.9	13.3	20.0
RG-8/U	1.2	1.8	4.7	6.7
Belden 9913	0.9	1.4	2.9	4.2
1/2" Heliax	0.56	0.83	2.0	2.8

Note: The losses scale proportionally with length. Half as long, half the loss.

3) The MAST or TOWER
There is no substitute for height, until you've cleared the obstructions around your house. After you have cleared any obstructions more height

will give only slightly improved range. Remember line-of-sight won't change much with another 10 or 20 feet of elevation. It takes 100's or 1000's of feet of elevation to really make a difference.
I don't know much about lightning protection, since here is Silicon valley we rarely ever get any lightning, maybe once every 5 years. I saw some just last winter, or was it the winter before. Anyway don't forget to ground your system as appropriate.

My RECOMENDATIONS
I think most of us listen on many different bands, so a single band antenna just won't cut it. One antenna with good performance on all bands is the best solution. I personally have chosen a Diamond D130J discone antenna, and I am very pleased with its performance. The Sigma SE1300 has the same performance but costs a little more. I would recommend RG8/U or Belden 9913 low loss COAX as your best bet, the Belden is much more expensive. I got my Heliax, surplus and cheap. I swept it using an HP network analyzer to be sure it was still good. For a mast, no more than 10-20ft above the roof is necessary to clear most obstructions, such as neighbors' houses and trees. More than that will give only a marginal improvement in receiving range and make the installation more difficult.

Multiple radios
I've connected all of my radios to one antenna with the use of a 4-way splitter. This is not a cheap R.S. splitter but a commercial quality hybrid type from Mini Circuits with guaranteed specs from 1 to 2000MHz. I lose 6dB of signal but it's worth it to have only one antenna and cable. My ICOM 7100 and both PRO2006s all run from the same antenna and I have an extra spigot that I can use for testing my PRO-43 or any other radio.

If you want more in-depth information, try the ARRL Antenna Handbooks (there's one specifically for VHF/UHF) and check your local library.

```
Good scannin' to ya.
MAD

-------------------------------------------------------------------------
The opinions expressed here are | Covering 100KHz to 2GHz contiguous.
my own, but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.
```

365. Vermont Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-08-08 22:39:08 UTC
From: bobwx1@nbnet.nb.ca
Message-ID: <bobwx1.5.0@nbnet.nb.ca>
Source record: 270723

Hello all,

I will be going to shcool in Vermont next month and I am planning on taking my scanner (a pro-2006) with me. Can anyone post or e-mail me some frequencies. I will be living in the St-Johnsbury\Lyndonville area.
Thanx in advance.

Bob Robichaud
bobwx1@nbnet.nb.ca

366. Re: R7000/7100

Newsgroup: rec.radio.scanner
Date: 1994-08-08 22:49:53 UTC
From: Joseph.Liu%363-198-1@satlink.oau.org
Message-ID: <846_9408090942@satlink.oau.org>
Source record: 270667

From: josephl@wb3ffv.wb3ffv.ampr.org (Joseph Liu)
X-Newsreader: TIN [version 1.2 PL2]
References: <325ier$idj@nntpd.lkg.dec.com>
Date: Mon, 8 Aug 1994 17:49:53 GMT
Lines: 15

judice@sulaco.enet.dec.com wrote:

: I'm confused... it's my understanding that ICOM R7000/7100's
: with continuous coverage are no longer imported - but if they
: happen to be here (in the us), they can be sold.

: - are there in fact, any NEW R7000/7100's (continous)
: actually available, for sale in the US?

Nope! Not after April 1994.
--

_____
Joseph Arthur Liu josephl@wb3ffv.ampr.org Hunt Valley, Maryland USA
--
|Fidonet: Joseph Liu 1:363/198.1
|Internet: Joseph.Liu%363-198-1@satlink.oau.org
|
| Standard disclaimer: The views of this user are strictly his own.
| From C.F.Satlink +1-407-240-7781 (ANSI or Vt-100 _required_).

367. Re: 46 mhz log periodic antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-08 23:13:22 UTC
From: dbashaw@synoptics.com
Message-ID: <Cu8oIB.5CH@synoptics.com>
Source record: 270721

Log Periodic antennas and Yagi's are not the same thing.

Yagi: The antenna is designed to one particular center frequency. Any departures from this center frequency up or down will result in an increase in measured swr. The physical construction of the antenna usually has the elements placed in the following order: reflector(s) : driven element(s) : directors(s) along the boom.

Log Array: Designed to cover a range of frequencies with an acceptable swr. This can be a few (hundred) Khz to a few Mhz. The main difference is the feed method and the element layout. The elements are fed in a criss-cross fashion. The elements are cut in half lengthwise and assembled on the boom so that the feed point for the first element on one side of the boom is connected to the feedpoint of the next preceeding element on the opposite side of the boom. This cross-feed arangement allows a different group of elements to appear resonant as the operating frequency changes.
element placement is the same as for the Yagi.

LogYag: The marrying of the two above types into a single antenna. This would provide an antenna with a good match from say 88-108Mhz.

Any of the above would be a good directional antenna for monitoring cordless phones. The LPDA is not trivial to design. The Yagi is much easier. All require some skill in antenna hacking to get good results. An LPDA would yield the best match across the cordless phone band.

Are there so many phones around you need to be so selective :>)

End of rambling.

Dave Bashaw
wa6qwl

368. Re: 900 MHz spread spectrum systems

Newsgroup: rec.radio.scanner
Date: 1994-08-08 23:15:16 UTC
From: stevalln@dorsai.org
Message-ID: <Cu8oLH.11v@dorsai.org>
Source record: 270720
Cross-posted to: sci.crypt,rec.radio.amateur.digital.misc,rec.radio.scanner

David R. Wolf (wolf@beta.lanl.gov) wrote:
: lately i've become interested in the level of security actually provided by
: the 900 mhz spread spectrum phones. for instance, could a hacker with a
: pc and a smattering of outboard hardware have a good chance of decoding one's
: 900MHz phone calls?

: does anyone have any details on the ss systems used in, say, the escort
: phones? spreading sequence generator, moduation methods, synchronization
: schemes, etc.? one of the felows that i talked with at cincinnatti microwave
: suggested that their phones choose a spreading sequence randomly whenever the
: phone gets used. is this true?

My understanding is that these phones use direct sequence spread spectrum.
I was browsing thru a book on this the other day (idly, at the bookstore
while looking for other stuff), and seem to recall reading that dsss is
the easiest mode to sync to. I think you sort of slide your sequence back
and forth over the signal, and when they're synced, the signal gets clear
in an easily detectable way. (Can't remember the details of that, tho).
If you know what you're doing, and have the sequence, it should be easy.
I think there's lots of snake-oil out there involving security of
these phones. When they say "Uses digital spread-spectrum techniques with
64,000 different codes," they may probably be saying that there's one
sequence and 64K access codes to dial out, which is the same as an analog
cordless with 64K security.
-Steve
p.s. There are reports that the audio is transmitted in the clear on 450
MHz. Not sure of the signal level, tho.

369. 900 Mhz Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1994-08-08 23:26:17 UTC
From: ad366@lafn.org
Message-ID: <1994Aug8.232617.27786@lafn.org>
Source record: 270625

Can Anyone out there tell me if there is a study, or report somewhere
that rates the various 900 cordless phones. I've tried several, including
the Escort, which was the best of the ones I tried, but it definately
had it's drawbacks. Also, what about adding an external antenna to the base
unit to increase it's effective range? At 900 Mhz, RF does funny things,
so I'm wondering what the point of diminishing returns is for such a project.
Please email me ad366@lafn.org thanks, Dana
--
333

370. Re: "WOODSTOCK '94" FREQS?

Newsgroup: rec.radio.scanner
Date: 1994-08-08 23:45:47 UTC
From: Dave.Alpert%363-198-1@satlink.oau.org
Message-ID: <845_9408090942@satlink.oau.org>
Source record: 270666

From: dalpert@merle.acns.nwu.edu (Dave Alpert)
Date: 8 Aug 1994 18:45:47 GMT
Lines: 42
Distribution: world
References: <ce.7407.696@vidgame.com>
Nntp-Posting-Host: elvex31.acns.nwu.edu

In article <ce.7407.696@vidgame.com>, tom.lackamp@vidgame.com (Tom
Lackamp) wrote:

> DA>DA>Message-ID: <3228sg$hrm@pipe1.pipeline.com>
> DA>Newsgroups: rec.radio.scanner
> DA>Organization: The Pipeline
>
>
> David Alpert said:
>
> DA>I'll be at "Woodstock '94" in Saugerties, NY starting Tuesday
> DA>(8/9). Anybody have any info on freqs being used by the
> DA>promoters/on-site security etc?...
>
> David,
>
> Ummm.... When Leary said "Tune in, Turn on, Drop out," I don't
> think this is exactly what he had in mind! <g>
>
> Have a good time.
>
> I saw a good Woodstock tagline the other day:
>
> "I don't remember anything about Woodstock,
> so I must have been there!"
>
> Enjoy!
>
> Tom
> ---
> # CMPQwk #1.4# UNREGISTERED EVALUATION COPY

I'm a different Dave Alpert.

Tim Leary's partner was another Alpert whose first name I can't remember.

--
Dave Alpert, KB9CNU | Packet Radio: KB9CNU@W8LVN.IL.US.NOAM
Lake Forest, IL | Direct packet through ILWIN(145.57)

CI$: 70416,124 | eWorld: Dalpert
MS-DOS, Just Say NO! | Friends don't let friends do DOS!
Sysop, MACropoedia BBS 708-295-6926
--
|Fidonet: Dave Alpert 1:363/198.1
|Internet: Dave.Alpert%363-198-1@satlink.oau.org
|
| Standard disclaimer: The views of this user are strictly his own.
| From C.F.Satlink +1-407-240-7781 (ANSI or Vt-100 _required_).

371. New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-08 23:47:53 UTC
From: Richard.Crisp%363-198-1@satlink.oau.org
Message-ID: <84b_9408090942@satlink.oau.org>
Source record: 270669

Xref: sgb rec.radio.scanner:4060 rec.radio.shortwave:3667 alt.radio.scanner:952
From: crisp@netcom.com (Richard Crisp)
Date: Mon, 8 Aug 1994 18:47:53 GMT
Lines: 29

SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
INSTRUMENTS.
(a) Section 1029(a) of title 18 is amended by striking the word
"or" at the end of subparagraph (3) and adding the following new
subparagraphs:

"(6) knowingly and with intent to defraud uses, produces, traffics in, has
control or custody of, or possesses (i) a scanning receiver or (ii)
hardware or software used for altering or modifying telecommunications
instruments to obtain unauthorized access to telecommunications services."

Notice how this outlaws cellular capable scanners: now mere possession
is outlawed if this silly bill makes it into law. Of course with a "silly Bill"
in the white house, I wouldn't be surprised if it does get enacted.

Your freedom grabbing Democrats love this act.

"(7) the term 'scanning receiver' means any device or apparatus that can be
used to intercept a wire or electronic communication in violation of
chapter 119 of this title."

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers
--
|Fidonet: Richard Crisp 1:363/198.1
|Internet: Richard.Crisp%363-198-1@satlink.oau.org
|
| Standard disclaimer: The views of this user are strictly his own.
| From C.F.Satlink +1-407-240-7781 (ANSI or Vt-100 _required_).

372. Tone Squelch (WAS: Fast Food Freq...)

Newsgroup: rec.radio.scanner
Date: 1994-08-08 23:48:47 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.60.0011D0B2@chevron.com>
Source record: 270630

In article <1994Aug5.214051.4355@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>>In article <pwd-020894170919@17.130.21.21>, pwd@apple.com
>(Patrick W. P. Dirks) writes:
>> Note that some frequencies seem particularly popular for internal use:
>> 82.5MHz, 88.5MHz, and 100.0MHz are used exclusively for private lines.
>> These might be worth programming specifically.

>That's bizarre. 82.5 is damn near centered on the video carrier of TV
>channel 6, and 88.5 and 100.0 are of course in the FM broadcast band -- the
>latter isn't even a valid FM channel. I can't imagine the FCC authorizing
>anything but a "Mr. Microphone"-like Part 15 gadget in the FM band, and I don't
>think there's any equivalent to such gadgets for the TV band.

>Are you sure about those three, Patrick? Where did those numbers, specifically,
>come from? Maybe whoever heard these was really listening to images?

"Private Line" operation is when subaudible tones (below the normal voice passband) are used to control squelch. The frequencies mentioned above should be in Hz, NOT MHz. It's audio.

PL "YZ" 82.5 Hz
PL "YB" 88.5 Hz
PL "1Z" 100.0 Hz

There are 36 standard "PL" tones ranging from 67.0 to 256.3 Hertz. "PL" is a Motorola trademark, as is the name, "Pirvate Line". However, calling the tone PL is as common as calling all facial tissue "Kleenex". The generic industry term is Continuous Tone Coded Squelch System or CTCSS. Just about all two way manufacturers support CTCSS options.

Unless you are using a CTCSS decoder for squelch control, PL frequencies won't do anything for you. Decoders are available, but you usually need to get raw audio (like from the discriminator) to make them work - IOW radio surgery. Don't get too excited about this, these decoders won't scan PLs while your radio is scanning frequencies. But if you are only going to listen to one channel...

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

373. 900 MHz spread spectrum systems

Newsgroup: rec.radio.scanner
Date: 1994-08-09 00:01:41 UTC
From: David.R..Wolf%363-198-1@satlink.oau.org
Message-ID: <84a_9408090942@satlink.oau.org>
Source record: 270668

Xref: sgb sci.crypt:2341 rec.radio.amateur.digital.misc:1286
rec.radio.scanner:4059
From: wolf@beta.lanl.gov (David R. Wolf)
Date: 8 Aug 1994 19:01:41 GMT
Lines: 29
Distribution: world
Nntp-Posting-Host: beta.lanl.gov

lately i've become interested in the level of security actually provided by
the 900 mhz spread spectrum phones. for instance, could a hacker with a
pc and a smattering of outboard hardware have a good chance of decoding one's
900MHz phone calls?

does anyone have any details on the ss systems used in, say, the escort
phones? spreading sequence generator, moduation methods, synchronization
schemes, etc.? one of the felows that i talked with at cincinnatti microwave
suggested that their phones choose a spreading sequence randomly whenever the
phone gets used. is this true?

being a ham, i know that the fcc has allowed hams to use one of two linear
feedback shift register schemes to generate the spreading sequence for direct
sequence and frequency hopped systems. this makes it extremely easy to
intercept a transmission. if the phones were this vulnerable then it would
be difficult to make claims of security, eh?

also, since a lot of conversation time is "dead" time - mostly silence - does
this provide the attacker a rather simple way to get the spreading code? i
am assuming that the digitized voice level is mixed with the spreading code
here - maybe someone who has more insight can comment on this method of attack.

if you've got the technical info, please pass it along. i'll post a summary.

david

==========
david r wolf - wolf@lanl.gov - ms p940, 87545 - 1+505-667-3813 - wb4vcq
==========
--
|Fidonet: David R. Wolf 1:363/198.1
|Internet: David.R..Wolf%363-198-1@satlink.oau.org
|
| Standard disclaimer: The views of this user are strictly his own.
| From C.F.Satlink +1-407-240-7781 (ANSI or Vt-100 _required_).

374. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-09 00:21:24 UTC
From: feustel@netcom.com
Message-ID: <feustelCu8rnp.EHo@netcom.com>
Source record: 270722
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

crisp@netcom.com (Richard Crisp) writes:

> SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
>INSTRUMENTS.
> (a) Section 1029(a) of title 18 is amended by striking the word
>"or" at the end of subparagraph (3) and adding the following new
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>"(6) knowingly and with intent to defraud uses, produces, traffics in, has
>control or custody of, or possesses (i) a scanning receiver or (ii)
>hardware or software used for altering or modifying telecommunications
>instruments to obtain unauthorized access to telecommunications services."

Doesn't this subparagraph require criminal intent for a crime to be
committed?

>Notice how this outlaws cellular capable scanners: now mere possession
>is outlawed if this silly bill makes it into law. Of course with a "silly Bill"
>in the white house, I wouldn't be surprised if it does get enacted.

>Your freedom grabbing Democrats love this act.

>"(7) the term 'scanning receiver' means any device or apparatus that can be
>used to intercept a wire or electronic communication in violation of
>chapter 119 of this title."

>--
>Richard Crisp Cupertino, Ca. crisp@netcom.com
>(415) 903-3832 wk (408) 253 4541 fax
> For PGP Public Key, type finger crisp@netcom.com
>"It is a good thing that we do not get as much government as we pay for"
> -Will Rogers
--
Dave Feustel N9MYI Internet:<feustel@netcom.com> Compuserve:<73532,1747>

The Crime Bill is the 1994 version of Bread and Circuses.

375. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-09 00:38:28 UTC
From: crisp@netcom.com
Message-ID: <crispCu8sG5.HHp@netcom.com>
Source record: 270628
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <feustelCu8rnp.EHo@netcom.com> feustel@netcom.com (David Feustel) writes:
>crisp@netcom.com (Richard Crisp) writes:
>
>> SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
>>INSTRUMENTS.
>> (a) Section 1029(a) of title 18 is amended by striking the word
>>"or" at the end of subparagraph (3) and adding the following new
>>subparagraphs:
>
>>"(6) knowingly and with intent to defraud uses, produces, traffics in, has
>>control or custody of, or possesses (i) a scanning receiver or (ii)
>>hardware or software used for altering or modifying telecommunications
>>instruments to obtain unauthorized access to telecommunications services."
>
>Doesn't this subparagraph require criminal intent for a crime to be
>committed?

Well technically, yes, but prosecutors generally assert that there is
criminal intent whether or not. My reading is that if you want to listen
to cellphones (already an illegal act) and you have a scanner capable of
doing it, then you are in violation of this statute. A zealous prosecutor
would assert that you have this intent if you are simply in possession of
a cellular capable scanner.

It probably goes well beyond cell too. For example, there are commercial
carphones in the VHF band (an old system albeit), and it would appear that
a plain old scanner would pick that up. "Unauthorized access" to me would
include listening to something if you were not intended to be the recipient.
Also included in the VHF bands are the marine operators. Anyway there is
INMARSAT at 1.54ghz and that is telecommunication activity too.

My reading is that simple possession of a receiver or other device
capable of monitoring this stuff would be illegal if the prosecutor
could prove that you knowingly listened to this traffic. I would
even venture a guess that listening to the high seas operator
on HF would fall into that category too.

This stuff is way out of the area of reasonableness. Write
your congresscritters and complain!!!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"

-Will Rogers

376. Re: Radio! Magazine

Newsgroup: rec.radio.scanner
Date: 1994-08-09 00:53:44 UTC
From: streak@doc.cc.utexas.edu
Message-ID: <326k2p$o7g@doc.cc.utexas.edu>
Source record: 270724

In article <raygCu8JxG.EF1@netcom.com>, RayG <rayg@netcom.com> wrote:
> 7) DX-390 Review
> 9) HTX-404 Review
> 13) Souping up your scanner - antennae addons
> 15) 22-305 Review
> 16) Buying a CB Radio

The only problem I have with this magazine is their reviews. I'd just
love to see a piece of RS equipment get a bad review.
And don't you just love when they say.. "and I find the RS #20-405 is
perfect for the job" .. hehe.. yeah, right.

There is some good history in there.
--
streak@ccwf.cc.utexas.edu * Jason Williams -- Austin, Tx. | |
streak@mail.utexas.edu * University of Texas at Austin | ___ |
streak@axpvms.cc.utexas.edu * Electrical and Computer Engineering _|_/
*** |

377. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-09 00:56:18 UTC
From: crisp@netcom.com
Message-ID: <crispCu8t9v.4CE@netcom.com>
Source record: 270629
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <crispCu8sG5.HHp@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>In article <feustelCu8rnp.EHo@netcom.com> feustel@netcom.com (David Feustel) writes:
>>crisp@netcom.com (Richard Crisp) writes:
>>
>>> SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
>>>INSTRUMENTS.
>>> (a) Section 1029(a) of title 18 is amended by striking the word
>>>"or" at the end of subparagraph (3) and adding the following new
>>>subparagraphs:
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>>>control or custody of, or possesses (i) a scanning receiver or (ii)
>>>hardware or software used for altering or modifying telecommunications
>>>instruments to obtain unauthorized access to telecommunications services."
>>
>>Doesn't this subparagraph require criminal intent for a crime to be
>>committed?

One item of critical importance I forgot to mention in my previous
post is that it really does not matter if you are guilty or innocent
as far as the law is concerned: if you are arrested and charged, then
you will have to spend a lot of time an money defending yourself.

Having a scanning receiver in your possession will be good enough
to get you arrested by a federal agent if they want to harass you.
Criticizing the president openly might get you on a target list for
example. Think about this, it is really very serious.

So to be arrested, you need not be guilty of anything. Just remember
that.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

378. Looking for frequencies for Boston area

Newsgroup: rec.radio.scanner
Date: 1994-08-09 01:10:24 UTC
From: joe@avs.com
Message-ID: <326l20$o7d@nda.nda.com>
Source record: 270636

Does anyone have a list of frequencies for the greater Boston Area?

Thanks, Joe

379. Re: Ottawa area freqs.

Newsgroup: rec.radio.scanner
Date: 1994-08-09 02:29:51 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cu8xLr.A3q@freenet.carleton.ca>
Source record: 270637
Cross-posted to: ncf.sigs.radio-scanner,alt.radio.scanner,rec.radio.scanner

In my previous posting... I forgot to delete some very OLD listings.
Gremlins had crept in and I didn't revise this list...

Delete: Vanier Police... Force disbanded Police Service under contract
With Ottawa Police Force. I keep the freqs. in
My scanner because sometimes the radio channels
will be kept as a backup tac channel.

Vanier Fire... Same story....

With a 400 ch Scanner sometimes you just keep something programmed in
because I was too lazy to change it...
--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

380. Re: ICOM R1 Wanted

Newsgroup: rec.radio.scanner
Date: 1994-08-09 03:06:40 UTC
From: Bill Schaff <Schaff@iiiv.tn.cornell.edu>
Message-ID: <326rs0$2rd@newsstand.cit.cornell.edu>
Source record: 270638
Cross-posted to: rec.radio.scanner,alt.radio.scanner

ICOM R1 Wanted

Contact me by e-mail

schaff@iiiv.tn.cornell.edu

381. Re: rs2004 problem

Newsgroup: rec.radio.scanner
Date: 1994-08-09 03:15:10 UTC
From: bzardo@aol.com
Message-ID: <326sbu$q99@search01.news.aol.com>
Source record: 270635

In article <32471q$sap@search01.news.aol.com>, andrewj514@aol.com (AndrewJ514) writes:

>i have a problem with my RS 2004. i have to replace the 9 volt battery >every two weeks; it seems to drain the battery very fast. when i sometimes
>turn the radio on, the display is blank until i insert another 9 v >battery.

>does anyone else have this problem?

I think I may be experiencing this same problem. I added a new battery, as a precautionery measure last week. Yesterday, the display went blank. I've had the rs2004 for a long time. Today, after reading your post, and after not thinking to replace the battery as a possible cause, since I just replaced it, I replaced it. And voila! It now works. If it reverts to 'dead' stage, I will have to try the replace-battery-method again. I was wondering if attaching the tape output port to my stereo, which I only very recently did, had anything to do with this. Probably not, probably just the ol' reliable rs2004 is on its way out. Repair costs for labor, as I was told today, run about $35 in a NYC-shop-but, nothing is guaranteed.

I was wondering if anyone out-there knows about life-times for the component electronics, the 'expected life-years' for radio shack components, especially scanner equipment, in particular, the pro-2004?? ...and can most components be replaced, or are some components simply out-of-stock-forever??

Thanks for any responses and good luck with your rs2004, Andrew.

Greg (bzardo@aol.com)
(yaz@panix.com)
(actuaryke@delphi.com)
(71251.3411@compuserve.com)

382. football headsets

Newsgroup: rec.radio.scanner
Date: 1994-08-09 03:20:41 UTC
From: stujorda@eku.acs.eku.edu
Message-ID: <1994Aug8.222041.3173@eku.acs.eku.edu>
Source record: 270631

I was watching the pre-season game on ABC Monday night. They
broadcasted a transmission from the Washington offensive coach to Heath
Schuler(sp). Either they had a way to descramble or they are not
scrambling them.
Darrell Jordan--Stujorda@acs.eku.edu
BITNET Stujorda@eku.bitnet

383. Any mods for the Pro-2030?

Newsgroup: rec.radio.scanner
Date: 1994-08-09 04:37:01 UTC
From: emartinerc@aol.com
Message-ID: <32715d$rrk@search01.news.aol.com>
Source record: 270643

I recently purchased a Radio Shack Pro 2030. I have seen people list mods to receive the cell freq for just about every scanner except mine. Is it not possible or is it because it is would be the same as the 2032 or 2027. Any help or idea's would be appreciated. Thanks

Eric

384. Re: Guide to Scanner Antennas (Long)

Newsgroup: rec.radio.scanner
Date: 1994-08-09 04:54:21 UTC
From: DPalmer@ix.netcom.com
Message-ID: <32725t$64j@ixnews1.ix.netcom.com>
Source record: 270646

In <mike_diaz-080894134956@m41122.esl.com> mike_diaz@smtp.esl.com (Mike Diaz) writes:

>These are from the Belden Wire and Cable catalog, except for the Heliax.
>
> Losses in dB per 100ft
> 50MHz 100MHz 500MHz 900MHz
> ------ ----- ------ -------
>RG-58A/U 3.3 4.9 13.3 20.0
>RG-8/U 1.2 1.8 4.7 6.7
>Belden 9913 0.9 1.4 2.9 4.2
>1/2" Heliax 0.56 0.83 2.0 2.8
>
>Note: The losses scale proportionally with length. Half as long, half the
>loss

Howabout TV cable coax? As long as I'm not transmitting, I get good results:
The Solano County Sheriff's Dept constantly requires me to switch in a pad
to silence them when all I want to hear is Monterey PD. Solano is 120+ miles
away. RG6 gives me decent performance, and ease of use, not to mention a use
for roll ends....

db loss @ 100ft
50 MHz 100 MHz 400 MHz 1000 MHz
RG6 1.2 1.8 5.1 8.3
RG59 1.8 2.8 7.5 10.0

BTW, great post!
--

David Palmer DPalmer@ix.netcom.com
Monterey, California 4108@mgs.com
MPTV Cable, Western Communications

---

385. Re: football headsets

Newsgroup: rec.radio.scanner
Date: 1994-08-09 05:37:02 UTC
From: mrife@nyx10.cs.du.edu
Message-ID: <3274lu$1io@nyx10.cs.du.edu>
Source record: 270644

The communications between the coach and the QB are scrambled. If they were not, then the other team could determine the signals for the plays and formations.

386. Bearcat 890 recording prob

Newsgroup: rec.radio.scanner
Date: 1994-08-09 05:39:05 UTC
From: fire615@aol.com
Message-ID: <3274pp$t0i@search01.news.aol.com>
Source record: 270645

I have a cell modified BC890, the auto recording seems not to work, any body else have this problem

387. Re: 900 MHz spread spectrum systems

Newsgroup: rec.radio.scanner
Date: 1994-08-09 08:19:00 UTC
From: jdow@BIX.com
Message-ID: <jdow.776420340@BIX.com>
Source record: 270647
Cross-posted to: sci.crypt,rec.radio.amateur.digital.misc,rec.radio.scanner

stevalln@dorsai.org (Steve_Allen) writes:

> My understanding is that these phones use direct sequence spread spectrum.
>I was browsing thru a book on this the other day (idly, at the bookstore
>while looking for other stuff), and seem to recall reading that dsss is
>the easiest mode to sync to. I think you sort of slide your sequence back
>and forth over the signal, and when they're synced, the signal gets clear
>in an easily detectable way. (Can't remember the details of that, tho).

Direct sequences are easy to figure out. (These are single shift register
generators.) If you know how long it is, say N stages, all you need is N+1
bits to figure out the code and the synch.
{^_^}

388. Re: Text of new digital communications protection act

Newsgroup: rec.radio.scanner
Date: 1994-08-09 11:37:46 UTC
From: randolph@est.enet.dec.com
Message-ID: <3287u7$eo0@mrnews.mro.dec.com>
Source record: 270664
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <crispCu8GzM.F6v@netcom.com>, crisp@netcom.com (Richard Crisp) writes...
>I have already had a request for the whole bill, so I will now post it.

Be afraid, people. Big Brother is nearly upon us.

Does it seem to anyone else that our government is concerned, in this bill,
about monitoring our every communication, to the point of obsession? Scary.

-Tom R. N1OOQ randolph@est.enet.dec.com

389. Re: DEA (Updated) 1/2

Newsgroup: rec.radio.scanner
Date: 1994-08-09 12:19:11 UTC
From: peter_simpson@3com.com
Message-ID: <3034@bridge2.NSD.3Com.COM>
Source record: 270649

Don't expect to hear anything really interesting...the Boston 418.625 repeater has been DVP for about 5 years now. Before that...well, let's just say I kept what I heard pretty quiet until the next day's paper came out :-)

Peter Simpson, KA1AXY Peter_Simpson@3com.com
3Com Corporation (508) 836-1719 voice
Northborough, MA 01532 (508) 393-6934 fax

I speak only for myself, 3Com doesn't pay me to speak for them, so I don't.

390. Re: Guide to Scanner Antennas (Long)

Newsgroup: rec.radio.scanner
Date: 1994-08-09 12:44:24 UTC
From: domonkos@access2.digex.net
Message-ID: <327tn8$7bu@news1.digex.net>
Source record: 270651

Mike Diaz (mike_diaz@smtp.esl.com) wrote:

: A Guide to Scanner Antennas.
: by Mike Diaz

Gain is measured relative to a dipole in free-space and targeted at the horizon. The gain of a 1/4 wave ground plane is therefore -3db. Let's compare everything to a ground plane, then we have unity (no-gain). A halfwave vertical (vertical dipole) is +3db, a discone may have some gain but it may not me in the desired listening areas.

Yagi type beam antnnas will have 8 - 13db. A vertical TV antenna will work since the elements are cut for a wide range of frequencies. This wide range will also cause overload problems in some areas.

Hope that helps...

Andy

391. Picking up cell phones, yes or no?

Newsgroup: rec.radio.scanner
Date: 1994-08-09 13:09:55 UTC
From: Rick Stone <Richard.M.Stone@DaytonOH.NCR.COM>
Message-ID: <Cu9r8J.9D5@wtc35a.DaytonOH.NCR.COM>
Source record: 270662

I recently purchased a new Uniden SportCat 150 and being new to the scanning world I am not sure it is capable of picking up cell phone freqs. From what I have gathered by reading this group, scanners manufactured after April of 1994 are not capable of receiving cell phone transmissions without modifications, right? My question: the date of manufacture stamped on the bottom of the scanner indicates "OCID", anybody know what that means? Is it some kind of code indicating year-month? Anyway, I would appreciate someone telling me what "OCID" means.
Thanks!

392. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-09 13:27:32 UTC
From: cravitma@cps.msu.edu
Message-ID: <328084$nfq@msuinfo.cl.msu.edu>
Source record: 270648
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

Richard Crisp (crisp@netcom.com) wrote:

: Well technically, yes, but prosecutors generally assert that there is
: criminal intent whether or not. My reading is that if you want to listen

[Snip]

: a plain old scanner would pick that up. "Unauthorized access" to me would
: include listening to something if you were not intended to be the recipient.

Would the fact that I have a permit from the MI State Police
authorizing me to carry a scanner that can receive police channels
make it any harder for a prosecutor to successfully claim de facto
criminal intent if I was harrassed for having a scanner?

/MC

--
Matthew Cravit, N9VWG | Finger cravitma@cps.msu.edu
Michigan State University | for a random quotation
E-Mail: cravitma@cps.msu.edu +----------------------------
PGP 2.3 public key available from http://web.cps.msu.edu/~cravitma

393. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-09 13:44:30 UTC
From: briskin@binah.cc.brandeis.edu
Message-ID: <1994Aug9.134430.16304@news.cs.brandeis.edu>
Source record: 270654
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

Richard Crisp blames President Clinton and the Democrats for the scanner laws...

Mr. Crisp, I think the last thing this group needs is politcal posturing, expecially when it is unsupported by facts. FYI, the anti-scanning laws were written during REPUBLICAN administrations, and you can sure bet that Geo. Bush would have signed them into law had he been elected. Frankly, I think the probably the last thing Clinton has on his mind is scanning, for very good reason. These laws are passed as part of larger groups of FCC regulations, and I'm sure the Pres. doesn't really give a damn about who listens to what. As for your attack against Democrats, let me remind you that the anti-cellular laws, right or wrong, are designed to protect the commercial interests of the cellular industry. And, when it comes to supporting the rights of business over those of citizens, no group does it better than Republicans (although, increasingly, Democrats are doing it, too).

If you're going to blame someone, put it where it belongs: the cellular lobby and the FCC bureaucrats and Congresspeople who listen to them, regardless of which party they belong to. The

I apologize for the political tone of this article, but the continued presence of right-wing polemics on this group has forced me to react. The devil made me do it. And I'm AGAINST the anti-scanning laws, nowmy that I've popped $340 bucks for a Pro-2006. :)

One thing I will say for Mr. Crisp: every time he posts a "For Sale" notice, I start salivating. :)

Jeff Briskin
Brandeis University

394. Re: 900 MHz spread spectrum systems

Newsgroup: rec.radio.scanner
Date: 1994-08-09 13:58:00 UTC
From: chrise@comtrol.com
Message-ID: <Cu9tGp.2xM@comtrol.com>
Source record: 270659
Cross-posted to: sci.crypt,rec.radio.amateur.digital.misc,rec.radio.scanner

In article <Cu8oLH.11v@dorsai.org>, Steve_Allen <stevalln@dorsai.org> wrote:
>David R. Wolf (wolf@beta.lanl.gov) wrote:
>: lately i've become interested in the level of security actually provided by
>: the 900 mhz spread spectrum phones. for instance, could a hacker with a
>: pc and a smattering of outboard hardware have a good chance of decoding one's
>: 900MHz phone calls?
>

[deletions]

>-Steve
>p.s. There are reports that the audio is transmitted in the clear on 450
>MHz. Not sure of the signal level, tho.
>

yes... I reported this late last week... and am still researching it. My
phone though, is the Tropez 900 DL which is not spread-spectrum but
digitally modulated on single carriers within the 900 MHz band. What I
have found is that there is some leakage of in-the-clear audio in the
430 MHz amateur band from the handset. Others have found and reported
similar signals. I am trying to get someone from VTech (the manufacturer
of the phone) to discuss this with me... but they seem to be having trouble
returning my calls.

Chris

--
Chris Elmquist, N0JCF voice: (612)631-7614
chrise@comtrol.com fax: (612)631-8117

395. Re: FCC MICROFICHE DB

Newsgroup: rec.radio.scanner
Date: 1994-08-09 14:07:05 UTC
From: mulligan@ACM.ORG
Message-ID: <3282i9$rln@hopper.acm.org>
Source record: 270653
Cross-posted to: alt.radio.scanner,rec.radio.scanner

chrisal@step2.com wrote:
> Does anybody out there know of a US tele # for a direct FCC connection
> that the public can use to search these same databases?

Extract from the file fcc.sources
available by ftp from oak.oakland.edu:/pub/hamradio/docs/misc

---

[....]

U.S. Department of Commerce orders (703) 487-4600
National Technical Information Service rush (800) 553-NTIS
5285 Port Royal Road Fax (703) 321-8547
Springfield, VA 22161
Supplies the Master Frequency File, subsets and indexes, on microfiche
and 9-track magnetic tape. The State Index microfiche is ~$55 and
includes frequency, name, city, state, call sign and service code. All
the mag tape files cost more than $1000. NTIS has catalog extracts
available describing the various FCC files, formats and prices (ask for
PR-718-2 and PR-781-1). {Oct 93}

ITS - International Transcription Service (202) 857-3800
1919 M Street, room 246
Washington, DC. 20554
Government copy contractor providing online access to FCC Data.
V.32/V.42bis, 9600 baud @ $100/hr, 2400 @ $50/hr. SQL Access is also
available online. Searches can be performed and data downloaded in
batch via Kermit. Custom searches are availble with results on disk,
tape, or paper; cost varies by search ($1000.00++)
[Feedback: not for the hobbyist!] {Oct 93}

[....]

Check the referenced file for retail sources on diskette & CD.
/* barry /&

396. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-09 14:55:42 UTC
From: ron@fc.hp.com
Message-ID: <3285de$s55@tadpole.fc.hp.com>
Source record: 270652
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

Richard Crisp (crisp@netcom.com) wrote:

: So to be arrested, you need not be guilty of anything. Just remember
: that.

For the really severe cases of fear of the government amongst us (myself being one), consider that the Waco disaster and the deaths of 80+ civilians precipitated by a BATF raid was over *suspicion* of not paying the Federal transfer tax on *suspected* firearms.

No such firearms have been recovered.
Scanning is probably no more 'popular' with our elected critters than firearms. YOU may be next.

Ron Miller
Constitutional Fundamentalist
"Remember that a government big enough to give you everything you want is also big enough to take away everything you have."
Senator Davy Crockett

397. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-09 15:02:28 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Aug9.070228.4375@cmkrnl>
Source record: 270660
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <crispCu8C7t.5sp@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
> SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
> INSTRUMENTS.
> (a) Section 1029(a) of title 18 is amended by striking the word
> "or" at the end of subparagraph (3) and adding the following new
> subparagraphs:
>
> "(6) knowingly and with intent to defraud uses, produces, traffics in, has
> control or custody of, or possesses (i) a scanning receiver or (ii)
> hardware or software used for altering or modifying telecommunications
> instruments to obtain unauthorized access to telecommunications services."
>
> Notice how this outlaws cellular capable scanners: now mere possession
> is outlawed if this silly bill makes it into law. Of course with a "silly Bill"
> in the white house, I wouldn't be surprised if it does get enacted.

I don't see a problem. The first few words say "knowingly AND with intent to defraud". Sure, I possess a scanning receiver, but not with "intent to defraud" anybody. Similarly, Optoelectronics produces hardware and software that modifies scanning receivers -- but not so that they can be used to "obtain unauthorized access to telecom services".

The point of this bill is to target the folks who, from a car next to yours, use a scanner to pick up the NAM and other codes from your cellphone, program their own or someone else's cellphone to mimic yours, and make calls on your tab.

I agree that there's no need for a specific law here, existing laws against wire fraud cover it just fine, but I don't see an "evil freedom-grabbing scanner ban" here either.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

398. Re: 4 Sale BC 200XLT

Newsgroup: rec.radio.scanner
Date: 1994-08-09 15:12:06 UTC
From: Ben Hernandez <ben.hernandez@macsch.com>
Message-ID: <Cu9ww7.BB2@draco.macsch.com>
Source record: 270670

In article <325ojt$g0l@search01.news.aol.com> Brass Hat, brasshat@aol.com
writes:
>For Sale Bearcat BC 200XLT
>NEW factory boxed
>48 HR bench test- With 800 MHZ Mod.
>$225 plus 9.50 Shipping

You can get a factory refurbished BC200XLT from Damark for a lot less!
Here is the info:
Damark 1800-729-4744
Catalog# 9052
Item# 200551 Uniden Bearcat Scanner BC200XLT Refurbished by Uniden 90 day
warranty, extended warranty for $20.00 more.
PRICE: $159.95
-Ben

399. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-08-09 15:20:32 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <3286s0$rs9@dancer.cc.bellcore.com>
Source record: 270656

In article <31sjis$7t@freenet3.scri.fsu.edu>,
Charles Richards <chuck62@freenet3.scri.fsu.edu> wrote:
>Andy Domonkos (domonkos@access.digex.net) wrote:
>: In article <1994Jul31.070125.1526@hpcvaac.cv.hp.com>, bill nelson wrote:
>: New Jersey comes about as close to a Gestapo state as it gets here. I
>: escaped from New Jersey years ago. The Jersey legislators are considering
>: a $500 tax/transmitter antenna for 'environmental' safety reasons. That
>: would have included CB, ham, and commercial sites. If that's not trying
>: to restrict an individuals communications rights/priviledges...
>: I think if that law would come into being you'd see indoor attic antennas
>: become a boom industry.

> I can believe what you say about Joisey. I just heard about a guy who
>killed a rat with a broom, was reported to the Humane Society, and hauled
>into court there!
> Here in Florida, you're not allowed to have a scanner "mounted" in your
>vehicle. It's just fine to have one laying on your seat though!

Well, for the record, many of us here in NJ did fight the stupidity
and as a result, we have a new scanner law (1992) which doesn't
prohibit scanners anywhere...use a scanner in the car to your
heart's content. The new law is similar to several other
states which make it illegal to use a scanner in the commission of
a crime, etc.

Hope that updates the NJ situation about scanners.

As to the $500 antena registration DEP regulation...that's still
pending and the amateur radio community came out heavily
to oppose any such registration and/or fees. I attended the
hearing in Trenton and the brodacst industry, the commercial
private radio industry and EVERYONE else that spoke was in total
opposition to the fees/registration.

Cheers,

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

400. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-09 16:20:15 UTC
From: RLOKER01@HARRIS.COM
Message-ID: <19940809122022.RLOKER01@mtyson.ess.harris.com>
Source record: 270671
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In Article <crispCu8C7t.5sp@netcom.com> "crisp@netcom.com (Richard Crisp)" says:
> SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
^^^^^^^^^^

> INSTRUMENTS.
> (a) Section 1029(a) of title 18 is amended by striking the word
> "or" at the end of subparagraph (3) and adding the following new
> subparagraphs:
>
> "(6) knowingly and with intent to defraud uses, produces, traffics in, has
^^^^^^^^^^^^^^^^^^^^^^^^^

> control or custody of, or possesses (i) a scanning receiver or (ii)
> hardware or software used for altering or modifying telecommunications
> instruments to obtain unauthorized access to telecommunications services."
>
> Notice how this outlaws cellular capable scanners: now mere possession
> is outlawed if this silly bill makes it into law. Of course with a "silly Bill"
> in the white house, I wouldn't be surprised if it does get enacted.
>

(stuff deleted)

It seems to me you have skipped over the phrases I have emphasized.

R.C. LOKERSON (BOB) MAIL ADDRESS: VOICE : 407.729.2257
HARRIS MDSO/MIS/DCC/ATG HARRIS E.S.S. SMTP : RLOKER01@HARRIS.COM
BLDG 15/RM 838 P.O. BOX 37 CCMAIL: RLOKER01
PALM BAY, FLORIDA MELBOURNE FL FCC : WA3PKX
32902 HOME : 407.725.8024

(I WROTE IT, NOT MR. HARRIS)

"Mache'tes dont kill people, people kill people." NRA (Natl Rwandan Army)

401. Re: football headsets

Newsgroup: rec.radio.scanner
Date: 1994-08-09 16:32:42 UTC
From: wolf@beta.lanl.gov
Message-ID: <328b3a$f5j@newshost.lanl.gov>
Source record: 270673

In article <3274lu$1io@nyx10.cs.du.edu> mrife@nyx10.cs.du.edu (Michael Rife) writes:
>The communications between the coach and the QB are scrambled. If
>they were not, then the other team could determine the signals for the
>plays and formations.

one close-up shot let me see CBC stamped on the two 5x3 cm^2 units in the helmet. i believe that the last C in CBC stands for Communications. anyone know who / where CBCommunications is and want to run over and make some friends of the bored techs?

david

402. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-09 16:59:36 UTC
From: crisp@netcom.com
Message-ID: <crispCuA1vC.DrA@netcom.com>
Source record: 270655
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <1994Aug9.134430.16304@news.cs.brandeis.edu> briskin@binah.cc.brandeis.edu writes:
>Richard Crisp blames President Clinton and the Democrats for the scanner
>laws...
>
>Mr. Crisp, I think the last thing this group needs is politcal posturing,
>expecially when it is unsupported by facts. FYI, the anti-scanning laws

I say to hell with the Democrats and the Republicans. I am voting
for no incumbants and will vote Libertarian.

I only point out that the recent assault against our freedoms are being
spearheaded by the Democrats. I hate Democrats for this reason.

>One thing I will say for Mr. Crisp: every time he posts a "For Sale"
>notice, I start salivating. :)

I still have an NRD525 for sale and maybe an NRD535D. Sort of thinking
of keeping the 535D, but if someone wants to make an offer......

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

403. Re: Tone Squelch (WAS: Fast Food Freq...)

Newsgroup: rec.radio.scanner
Date: 1994-08-09 17:06:55 UTC
From: dbashaw@synoptics.com
Message-ID: <CuA27K.Aqs@synoptics.com>
Source record: 270674

In article 0011D0B2@chevron.com, cgwh@chevron.com (Curtis Wheeler) writes:
>
>Unless you are using a CTCSS decoder for squelch control, PL frequencies won't
>do anything for you. Decoders are available, but you usually need to get raw
>audio (like from the discriminator) to make them work - IOW radio surgery.

Most run of the mill scanners have such cheap audio chains that the PL
passes through just fine. Just plug in the aftermarket decoder to the
earphone jack. 99% chance all will work fine.

>Don't get too excited about this, these decoders won't scan PLs while your
>radio is scanning frequencies. But if you are only going to listen to one
>channel...
>
>
>
>Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
>KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL
Dave Bashaw
wa6qwl

404. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-09 17:11:52 UTC
From: sscalsk@relay.nswc.navy.mil
Message-ID: <SSCALSK.94Aug9121152@screamer.nswc.navy.mil>
Source record: 270650
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

A disturbing proposal to say the least. I have read section 9 over and over and it sure reads as a scanner ban. "...has control or custody of, or possesses (i) a scanning receiver..." is pretty clear. I am not sure that intent is even an important consideration here.

Section 7 seems to me to be just as bad for those who monitor digital modes.

-= stan

405. I Need Mods Panasonic Rb-65

Newsgroup: rec.radio.scanner
Date: 1994-08-09 17:35:26 UTC
From: Salvatore Innaimi <MC1612@mclink.it>
Message-ID: <776446526.MC1612@mclink.it>
Source record: 270665

I'm looking for the possible mods to PANASONIC RB-65 Receiver
If anyone have it please send me e-mail.
tnx

406. Delaware Info?

Newsgroup: rec.radio.scanner
Date: 1994-08-09 17:46:53 UTC
From: Rickey.Stein@illusion.metronj.org
Message-ID: <ea8_9408100210@nisc.fidonet.org>
Source record: 270594

```
The NESN [North East Scanning News] is a monthly publication for VHF/UHF
scanning hobbyists. Area covered is from ME to VA- along the coast and
Western NY and PA. There is a column covering the State of Delaware.
Sample copies are $2.50 from NESN, c/o Les Mattson P.O. Box 62,
Gibbstown NJ 08027.

Rickey Stein [NESN-NB-01]
RCMA International Editor

;Simple HELP instructions for using FILESERV at this system ...
; ASCII Forces ASCII dump (ie text,etc)
; BINARY Forces UUENCODED binary files (autosplit)
; DETECT Autodetects ASCII/BINARY
; GET filename.ext gets a single file
; GET filename. gets anything starting with filename.
; HELP this help file
; INDEX Asks for the host's list of public files
; SIZE xxx Size per split (1500-45000)
;Note on filenames: DOS wildcards are accepted, but not unix regex.
;
;Questions? Email 'postmaster' at this site.
;
```

407. Freqs for Sullivan County or Bethel, N.Y.

Newsgroup: rec.radio.scanner
Date: 1994-08-09 18:02:30 UTC
From: bote@access.digex.net
Message-ID: <328gbm$nld@access2.digex.net>
Source record: 270661
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Can anyone supply the frequencies for Sullivan County
police and fire, especially an super-secret simplex
frequencies. Also, if the town of Bethel, N.Y. has
its own force, those frequencies would be neat, also.

My buddy who needs these recalls there were some
forestry allocations used there in the 151 MC range.

Email is preferred to bote@digex.net

--

rec.nude: your exit to good living along the Information Toll Road.
finger bote@access.digex.net for PGP key and an operator will help you.
Por via del empedrado de informacion.

408. Newer PRO-51 (no keyboard shortcut)

Newsgroup: rec.radio.scanner
Date: 1994-08-09 18:03:38 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-090894110337@earl.llnl.gov>
Source record: 270576

There are reports that some newer PRO-51 have appeared that will not take the keyboard trick to access part of the sacred 800 band. I have not seen a newer one so I can't advise how to distinguish the two. Be advised.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

409. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-08-09 18:15:49 UTC
From: gbelton@cris.com
Message-ID: <7LwHkaste2PM065yn@cris.com>
Source record: 270657

In article <3249k6$gj@search01.news.aol.com>, BretB1 wrote:
> I have my own little horror story concerning Radio Shack "Sales
[snip]
> right? Not until they start making out right in the middle of the the
> store! I'm not talking about a few pecks, were talking about PG-13 at

The sales 'droid is lucky that you are such an honest guy. You could have picked up a couple of scanners and walked out, he wouldn't have noticed.

410. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-09 18:35:33 UTC
From: bote@access.digex.net
Message-ID: <bote.776456957@access2>
Source record: 270580
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

feustel@netcom.com (David Feustel) writes:
>crisp@netcom.com (Richard Crisp) writes:
>>"(6) knowingly and with intent to defraud uses, produces, traffics in, has...
>>instruments to obtain unauthorized access to telecommunications services."

>Doesn't this subparagraph require criminal intent for a crime to be
>committed?

Criminal intent is a historical artifact in the U.S.A. these days.
We've crossed the line from assuming personal responsibility
to allowing the government to watch over us in all aspects.

Nowadays, simply *being* something or *having* something
all by itself is an actionable offense in more and more
communities. Criminal intent never enters the argument.

Why should it be surprising that they want to make it
illegal to simply have a scanner?

Next, they'll make it illegal to be a white male and
haul my ass off to jail!

--

rec.nude: your exit to good living along the Information Toll Road.
finger bote@access.digex.net for PGP key and an operator will help you.
Por via del empedrado de informacion.

411. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-09 18:38:52 UTC
From: dseitel@crl.com
Message-ID: <328ifs$ri0@crl5.crl.com>
Source record: 270663
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

Richard Crisp wrote:

> I only point out that the recent assault against our freedoms are
> being spearheaded by the Democrats. I hate Democrats for this reason.

I enjoy Mr. Crisp's posts and understand the netiquette taboo on attacking a "forum god". Nonetheless, I feel compelled to point out that the above unqualified generalization by Mr. Crisp, is correct only in the narrow context of certain rights that may be important to some so-called "conservative" members of the scanning groups.

Many attacks on other liberties have been spearheaded by "conservative" types--in particular, regulations on private moral behavior. Liberty is liberty, and someone else's should be as important to us as our own, if only to maintain our own.

David S. Eitelbach
dseitel@crl.com

412. Re: Guide to Scanner Antennas (Long)

Newsgroup: rec.radio.scanner
Date: 1994-08-09 19:04:16 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Aug9.110416.4377@cmkrnl>
Source record: 270575

In article <mike_diaz-080894134956@m41122.esl.com>, mike_diaz@smtp.esl.com (Mike Diaz) writes:
> [...]

Several things you've written here are at odds with information published by Bill Cheek. For example, according to Bill, height, even after you've cleared local obstructions, DOES matter. It isn't just the increase in line of sight, which I'll agree is marginal; the field strength is simply greater the higher you are from the ground, for obvious reasons.

I think I'll trust Bill, thank you very much.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

413. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-09 19:11:38 UTC
From: wolf@beta.lanl.gov
Message-ID: <328kda$mb2@newshost.lanl.gov>
Source record: 270583

what's is going on with the satellite fidonet echo of these posts!?!
i saw mine and then richard crisps here, again.

the repost of my message has a similar footer:

|Fidonet: Richard Crisp 1:363/198.1
|Internet: Richard.Crisp%363-198-1@satlink.oau.org
|
| Standard disclaimer: The views of this user are strictly his own.
| From C.F.Satlink +1-407-240-7781 (ANSI or Vt-100 _required_).

414. FOR SALE: Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-08-09 19:19:29 UTC
From: hc@morgan.com
Message-ID: <1994Aug9.191929.18488@is.morgan.com>
Source record: 270579

Hi,

I am selling my Radio Shack Pro 43 with mod in place.
The unit is in excellent condition.

RS Pro 43 for $250 (B.O.)

Also, I prefer to sell it to someone in the NYC area.
If interested, please contact me hc@morgan.com

Hei

415. Re: New Scanner ban being planned in Congre

Newsgroup: rec.radio.scanner
Date: 1994-08-09 19:37:46 UTC
From: rja@Eng.Sun.COM
Message-ID: <328lua$2j5@engnews2.Eng.Sun.COM>
Source record: 270585
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article ri0@crl5.crl.com, dseitel@crl.com (David S. Eitelbach) writes:
>Richard Crisp wrote:
>
>> I only point out that the recent assault against our freedoms are
>> being spearheaded by the Democrats. I hate Democrats for this reason.
>
>I enjoy Mr. Crisp's posts and understand the netiquette taboo on
>attacking a "forum god". Nonetheless, I feel compelled to point out
>that the above unqualified generalization by Mr. Crisp, is correct
>only in the narrow context of certain rights that may be important
>to some so-called "conservative" members of the scanning groups.
>
>Many attacks on other liberties have been spearheaded by
>"conservative" types--in particular, regulations on private moral
>behavior. Liberty is liberty, and someone else's should be as
>important to us as our own, if only to maintain our own.

Of course it's a lot less likely that you're going
to be convicted of sodomy (something the Repulicans
would like to make illegal where it isn't already)
nowadays than gun ownership (which is something the
Democrats would like to make illegal).

Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

Gun Control Is Victim Disarmament

416. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-09 20:01:06 UTC
From: marka@clark.net
Message-ID: <328na2$n8c@explorer.clark.net>
Source record: 270658
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <crispCu8C7t.5sp@netcom.com>,
Richard Crisp <crisp@netcom.com> wrote:
> SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
>INSTRUMENTS.
> (a) Section 1029(a) of title 18 is amended by striking the word
>"or" at the end of subparagraph (3) and adding the following new
>subparagraphs:
>
>"(6) knowingly and with intent to defraud uses, produces, traffics in, has
>control or custody of, or possesses (i) a scanning receiver or (ii)
>hardware or software used for altering or modifying telecommunications
>instruments to obtain unauthorized access to telecommunications services."
>
>Notice how this outlaws cellular capable scanners: now mere possession
>is outlawed if this silly bill makes it into law.

I also noticed the phrase "knowingly and with the intent to defraud".

Hell, it is illegal in California to possesses Vice Grips if your intent
is to use them in breaking and entering.

mark

417. Re: Disconne ant. worth it?

Newsgroup: rec.radio.scanner
Date: 1994-08-09 21:20:45 UTC
From: chicks@olympus.net
Message-ID: <328rvd$8c0@olympus.net>
Source record: 270672

In article <2092900006@cdp>, Richard Ingels <ringelsak@igc.apc.org> says:
>
>I just bought a scanner (Pro 2030). I am considering a different
antennae,
>but I don't know if it is worth it to buy one or just use the
>telescope ant. it came with. Any advice? I use the 30-50, 133, and
>800 MHz ranges. Is the RS disconne ant. worth it? Or would I be able to
>buy something cheaper but just as good? What about when I go mobile?
>Sorry if this is FAQ, I don't know where they are.

I have heard a lot about the RS discone and it seems like that would not
be a good idea. I own a RS discone and I am not satisfied with it at
all! I would look into going to an amateur radio store and look for an
omnidirectional amplified scanner antenna with really good gain.

418. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-09 21:49:07 UTC
From: gcortevi@nyx10.cs.du.edu
Message-ID: <328tkj$4lq@nyx10.cs.du.edu>
Source record: 270577

Is this a bill that is currently being debated? If so... Who is sponsoring the bill? Who can we contact to protest. This has the capability to destroy a very interesting hobby! Frankly I'm ticked to say the least.

Also, is there any chance that if we push hard enough we can have the cellular capable scanner ban repealed?

--
Greg Corteville | "We are the knights who say Nee!"
gcortevi@nyx10.cs.du.edu | - Monty Python's QFTHG
gcortevi@trident.lbs.msu.edu |
---[PGP Key available via finger]-----------------------------------

419. Looking for John Kwiatokowski (jkwiatkowski@attmail.com)

Newsgroup: rec.radio.scanner
Date: 1994-08-09 22:12:53 UTC
From: terupe@waikato.ac.nz
Message-ID: <1994Aug10.101253.31950@waikato.ac.nz>
Source record: 270578

I am trying to locate John Kwiatkowski, please John if you are
reading this, please give you new email address, I have tried to
contact you at your old email address with no sucess, it is regarding the
scanner you sent 'three months' ago :-0
It still hasnt arrived and I was wondering weather you coulf follow things
up.
Hopefully you will see this message, or anyone else who knows him, or
knew of him, could you please give me some information,
any help is appreciated....

420. Satellite Watch News

Newsgroup: rec.radio.scanner
Date: 1994-08-09 22:22:48 UTC
From: dayglo@mindvox.phantom.com
Message-ID: <PoaTqc3w165w@mindvox.phantom.com>
Source record: 270581

I am looking for any and all back issues of this now defunct publication "Satellite Watch News". I also am a collector of old "Hacker/Underground" publications. I wish to purchace any and all that you have.

Please e-mail me and wel will deal.

421. Re: R7000/7100

Newsgroup: rec.radio.scanner
Date: 1994-08-09 23:22:54 UTC
From: baxter@kuhub.cc.ukans.edu
Message-ID: <1994Aug9.182254.70306@kuhub.cc.ukans.edu>
Source record: 270582

In article <brett_miller.441.00124537@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
> In article <325ier$idj@nntpd.lkg.dec.com> judice@sulaco.enet.dec.com () writes:
>
>
> Yes, Grove's catalog was a bit confusing. The R7000-2 and R7100-2 have
> cellular deleted and can be sold in the US to anyone. The R7000 (now also
> called the R7000-1) and the R7100 (R7100-1) can only be sold to government
> agencies.

Unfortunately, the folks at Icom not only deleted the 800 mhz cellular bands, but the whole range of 800-899.999, including legitimate business band operations, PD freqs, and local services. I really cannot imagine why Icom did this, except that it may have been an easier fix to get their products back to distributors --- but for anyone wanting even to listen to their local PDs on 800 mhz, forget it with these expensive ICOM receivers!

422. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-10 01:06:39 UTC
From: crisp@netcom.com
Message-ID: <crispCuAoF3.E0z@netcom.com>
Source record: 270586
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <328ifs$ri0@crl5.crl.com> dseitel@crl.com (David S. Eitelbach) writes:
>Richard Crisp wrote:
>
>> I only point out that the recent assault against our freedoms are
>> being spearheaded by the Democrats. I hate Democrats for this reason.
>
>I enjoy Mr. Crisp's posts and understand the netiquette taboo on
>attacking a "forum god". Nonetheless, I feel compelled to point out

What is this? Netiquette against attacking a "forum god"? I have never heard of such a thing and certainly hope you are not inferring I am a forum god (whatever that is)! My rule of thumb: if you post it, prepare to defend it!

>that the above unqualified generalization by Mr. Crisp, is correct
>only in the narrow context of certain rights that may be important
>to some so-called "conservative" members of the scanning groups.
>
>Many attacks on other liberties have been spearheaded by
>"conservative" types--in particular, regulations on private moral
>behavior. Liberty is liberty, and someone else's should be as
>important to us as our own, if only to maintain our own.
>

This is why I have, after many years of being a card carrying Republican, now become a Libertarian. I like the fiscal policies of the Repubs better than the Democrats, but I hate legislated morality and hate firearm ownership restrictions and communication equipment ownership restrictions. Note that each of the traditional parties seems to target their own area of freedoms, for further restrictive legislation. This is why the Libertarians get my support these days.

Political persuasion aside, we must unite to stop this craziness before it becomes law. It is a lot harder to get a law removed from the books once it is enacted than it is to simply prevent its passage.

---ten years in the future in some random senator's office----
"let me see if I understand you, Mr Crisp: you'd like to have the right to purchase a radio receiver capable of monitoring my cellular telephone calls, my cordless telephone calls, and the police dispatches, but you have no intention of listening to any of these now illicit services?"

you get my point by now!
--
Richard Crisp Cupertino, Ca. crisp@netcom.com

(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

423. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-10 02:47:51 UTC
From: crisp@netcom.com
Message-ID: <crispCuAt3r.309@netcom.com>
Source record: 270584
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <luxHkiubG2bO066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:
>
>Radio scanning is a hobby, as is shortwave listening. The purpose of using
>a scanner is for personal entertainment, information, whatever. The
>government has already set a precedent by outlawing cellular reception
>capabilites in a scanner. They are now attempting a blanket outlawing
>of all scanning receivers. Are shortwave receivers next? The proposed
>legislations are the systematic elimination of basic rights. The technical
>inept lobbyists and congressional representatives are associating criminal
>activities to a tool; radio receivers. This approach was successful in
>outlawing automatic/semi-automatic weapons. The media depicts scanning
>hobbyists as a preverted group of privacy invading deviates, perfect
>government setup to muster public support for an insidious bill. If the
>legislators put as much emphasis on crime as they do on oppressing the
>average citizen the rest of the world would not regard the U.S. as a
>'criminally free' nation.
>

Some months ago I posted a comment that the scanner banning which was underway at the time was the same as the assault weapon bans: targeting "bad" radios (or guns) and going after them. Furthermore I stated that they would not stop with cellular capable radios just like the feds did not stop with machineguns in 1986.

I got an endless flame war started with the major thread being that guns are guns and radios are radios and they are different and ther are no parallels. Well let me bring this up again and bring in a bit of historical data into the picture.

1934 Machineguns, Silencers, sawed off shotguns, etc were required to be registered at the Federal level with a hefty "transfer tax" being levied on any sale of them.

1934 Communications act passed. Among the provisions were classification of wiretaps, listening devices, etc

1968 Ominbus crime act: prohibited mail order sales of guns to non-licensees.

1968 Omnibus crime act: prohibited possession of bugs and other wiretapping/listening devices including "the big ear" (a toy sold which had a microphone and a parabolic dish). Many "wireless microphones" were classified as bugs and could not be sold in finished form

1986 Machine gun ban: prohibited manufacture of machineguns
for sale to civilians

1986 ECPA 86: prohibited listening to cellular telephone
conversations. Probably the singly least enforceable
Federal law on the books

1989 Re-classification of certain "assault weapons" as non-sporting
weapons to prohibit their importation. Drug Czar William
Bennett just did this with no law being passed etc.

1992 Scanner ban passed and signed into law by Bush. Went into
total effect in April 1994

1994 Brady bill passed. Prohibited transfers of handguns to
purchasers without a federally mandated 15 day waiting period.
Named for Jim Brady, President Reagan's Press secretary severely
wounded in the 1981 assassination attempt on Reagan. Curiously
the bill would not have prevented Hinckley from purchasing the
weapon used to wound Brady. Now the crime bill may have
a provision added to it to exempt pawnbrokers from being
subject to the Brady bill. Recall that Hinckley bought
his gun from a pawnbroker in Dallas!

1994 Crime Bill: bans importation, manufacture and sale of
a number of "assault weapons" and large capacity magazines.

1994 Telecommunications security act: bans possession of scanning
receivers.

Wanna guess what comes next?

Here's a hint: When the Nazis took power in Germany, they banned the private
ownership of firearms. Hitler was once quoted saying "you have to
disarm the public as an unarmed public cannot fight back". During the war
it was a crime in Germany (punishable by death) to listen to shortwave
broadcasts.

My predictions: first we get disarmed. The strategy for doing it is to create
mass hysteria by overpublicizing any and all acts of violence committed with
firearms. Ignoring for instance that about 300 people a year die from bee stings
while 80 or so die from assault weapons, 50,000 die from car accidents,
400,000 die from smoking related illnesses etc. Total lack of perspective
when these stats are quoted.

While this is happening, we see the grand plan of preventing us from listening
to the police, by first banning listening to cellphones, then by
banning radios that can listen to cellphones then arguing the precedent is
in place for banning radios capable of tuning certain frequencies, then
a total ban on scanners and other radios capable of being used to monitor
the police.

If they fail this time to get the ban they will try a massive media campaign
to show the American public how criminals will use scanners to listen to the
police to remove the element of surprise and portray hobbyists as perverted

voyeurs etc with no socially redeeming values.

Recall the attempt earlier this year in the state of Illinois to ban the possession of scanners which are powered from batteries. The argument used was that gangs used them to evade the police.

Once this is done virtually all resistance will be neutralized and the "GRAND PLAN" will be in place:

No guns, no radios, no way to fight back, no way to communicate, or organize. No way to practice field operations, no way to communicate privately (oh yes, I forgot to mention that the "cover need" for this new legislation is to allow the feds to wiretap digital communications. The ploy here is that they will be able to catch terrorists this way). Then what do we have when all of this is in place? Well for starters, it will be a very unpleasant environment not unlike the situation the founding fathers sacrificed their lives to do away with: they fought a war to have the freedoms, the checks and balances (including the reservation of the right to own firearms to keep the "ultimate recall" capability in the hands of the people), and the other things that our friends in Washington are slowly whittling away.

This reminds me very strongly of the old tale of how to cook a frog: if you drop one into boiling water it will jump out. If you put it into a pot of cold water and then turn on the heat, by the time it realizes what is going on, it is too late.

Well we are all in the pot and IT IS NEARLY TOO LATE MY FRIENDS.....

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

424. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-10 03:15:10 UTC
From: crisp@netcom.com
Message-ID: <crispCuAuDB.7xt@netcom.com>
Source record: 270587
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <1994Aug9.070228.4375@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>In article <crispCu8C7t.5sp@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
>> SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
>> INSTRUMENTS.
>
>I don't see a problem. The first few words say "knowingly AND with intent to
>defraud". Sure, I possess a scanning receiver, but not with "intent to
>defraud" anybody. Similarly, Optoelectronics produces hardware and software
>that modifies scanning receivers -- but not so that they can be used to
>"obtain unauthorized access to telecom services".
>
>The point of this bill is to target the folks who, from a car next to yours,
>use a scanner to pick up the NAM and other codes from your cellphone, program
>their own or someone else's cellphone to mimic yours, and make calls on your
>tab.
>
>I agree that there's no need for a specific law here, existing laws against
>wire fraud cover it just fine, but I don't see an "evil freedom-grabbing
>scanner ban" here either.

Don't be so naive: Remember when the RICO laws were passed to give the Feds teeth to go after the Mafia? (RICO= Racketeer Influenced Corrupt Organizations) Well in recent years overly zealous federal prosecutors have used it against a myriad of things other than Mafia dons.

Bottom line: if you possess a device that could be used to "knowingly with intent to defraud" access telecommunications services in an unauthorized manner, a prosecutor will assert that this is your intention be it or not if he so desires.

You will have to defend yourself at a great cost to you in terms of time money and perhaps a lost job (since you are in jail and or court).

This is a very ambiguous wording in this statute, just the kind of thing that prosecutors love to have in their arsenal.

If you were to listen to the VHF marine operator, you would be "accessing telecommunications services". Since you are not an active participant in the conversation, you are "unauthorized". Since you "could" gain access to information that could be used in a fraudulent act (such as getting a credit card number if someone gives one out over the phone, for example), you could easily be charged with "knowingly with intent to defraud access a telecommunications service in an unauthorized manner".

All it would take is for one person to decide to target you, and your ass is grass! If there were a couple of convictions that stuck, it will be a simple extension to have the FCC declare that all scanning receivers are intended to enable people to use them in a manner to fraudulently gain access to telecommunications services and therefore by a simple amendment to their rules (they are empowered to do this btw), refuse to type certify all scanning receivers.

This must be stopped!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

425. Re: 900 MHz spread spectrum systems

Newsgroup: rec.radio.scanner
Date: 1994-08-10 05:15:45 UTC
From: mmorgan@solar.NoSubdomain.NoDomain
Message-ID: <1994Aug10.001546.914@msus1.msus.edu>
Source record: 270588
Cross-posted to: sci.crypt,rec.radio.amateur.digital.misc,rec.radio.scanner

Wasn't one of the main purposes of spread spectrum to make it harder to jam a signal? The encryption is just ancillary, and not that good? The encryption only becomes secure when you use a one time pad...right?

Mike

426. Scan Orlando

Newsgroup: rec.radio.scanner
Date: 1994-08-10 05:58:00 UTC
From: Scott.Marks%166@satlink.oau.org
Message-ID: <3ca_9408101001@satlink.oau.org>
Source record: 270526

```
Anyone live, or Scan Orlando Florida area...Scott???
--
|Fidonet: Scott Marks 1:363/166
|Internet: Scott.Marks%166@satlink.oau.org
|
| Standard disclaimer: The views of this user are strictly his own.
| From C.F.Satlink +1-407-240-7781 (ANSI or Vt-100 _required_).
```

427. Re: Detect detector?

Newsgroup: rec.radio.scanner
Date: 1994-08-10 08:53:09 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <32a4hl$n4m@freenet3.scri.fsu.edu>
Source record: 270591

Gerald Belton (gbelton@cris.com) wrote:
: In article <323smd$i35@ionews.io.org>, Gleb Esman wrote:
: > Question to radio professionals:
: > How is it possible to detect a radar detector? As far as I know
: A radar detector detector would work by looking for the Intermediate
: Frequency (IF) which is generated within the radar detector. It would have
: to be a very sensitive receiver, since the IF is not a very strong signal.
: But it is definitely feasible to do this.
Anybody out there know the Intermediate Frequency of the Radar
Detector-Detector? We could make a killing selling a Radar
Detector-Detector-Detector!
chuck62@freenet.fsu.edu

428. FREQS FOR KINGS'S DOMINION IN VA

Newsgroup: rec.radio.scanner
Date: 1994-08-10 11:11:21 UTC
From: siemer@umbc.edu
Message-ID: <32ackpINNatn@umbc7.umbc.edu>
Source record: 270595

Anyone have the frequencies used by security at the King's
Dominion theme park near Richmond, Va.

Thanks

429. Re: Disconne ant. worth it?

Newsgroup: rec.radio.scanner
Date: 1994-08-10 11:19:30 UTC
From: et024@cleveland.Freenet.Edu
Message-ID: <32ad42$6h8@usenet.INS.CWRU.Edu>
Source record: 270597

In a previous article, chicks@olympus.net (Casey Hicks KC7EQQ) says:

>In article <2092900006@cdp>, Richard Ingels <ringelsak@igc.apc.org> says:
>>
>>I just bought a scanner (Pro 2030). I am considering a different
>antennae,
>>but I don't know if it is worth it to buy one or just use the
>>telescope ant. it came with. Any advice? I use the 30-50, 133, and
>>800 MHz ranges. Is the RS disconne ant. worth it? Or would I be able to
>>buy something cheaper but just as good? What about when I go mobile?
>>Sorry if this is FAQ, I don't know where they are.
>
>I have heard a lot about the RS discone and it seems like that would not
>be a good idea. I own a RS discone and I am not satisfied with it at
>all! I would look into going to an amateur radio store and look for an
>omnidirectional amplified scanner antenna with really good gain.
>
Any (well almost any...) antenna will greatly improve the signal reception
over an indoor telescoping type, providing it is cut for the correct
frequencys of interest and isn't fed with lossy (or lousy :)) cable.
--
Michelle et024@po.cwru.edu bbs/irc: MeShell

430. ---/ need Public Service freqs's in Ireland /---

Newsgroup: rec.radio.scanner
Date: 1994-08-10 13:38:13 UTC
From: brewer@anarky.enet.dec.com
Message-ID: <32be0p$hoj@decabo.abo.dec.com>
Source record: 270603

I am visiting Ireland soon, and would like help in obtaining
a list of police/fire/airport/ambulance/taxi... etc frequencies
for Ireland. Any help would be appreciated.

/john
wb5oau

| John Brewer | Internet: brewer@anarky.enet.dec.com |
| wb5oau | Packet | wb5oau@wb2ars |
---

431. /need Ireland scanner freqs/

Newsgroup: rec.radio.scanner
Date: 1994-08-10 13:44:48 UTC
From: brewer@anarky.enet.dec.com
Message-ID: <32bedu$hoj@decabo.abo.dec.com>
Source record: 270618

I'll be traveling to ireland soon and could use the public serv
freqs for my scanner. Any help is greatly appreciated!

Best
/john

```
-------------------------------------------------------
| John Brewer | Internet: brewer@anarky.enet.dec.com |
| wb5oau | Packet | wb5oau@wb2ars |
-------------------------------------------------------
```

432. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-10 13:45:46 UTC
From: mdevour@sinbad.ph.gmr.com
Message-ID: <mdevour.274.000DC3B4@sinbad.ph.gmr.com>
Source record: 270607
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <crispCuAt3r.309@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>Some months ago I posted a comment that the scanner banning which was
>underway at the time was the same as the assault weapon bans: targeting
>"bad" radios (or guns) and going after them. Furthermore I stated
>that they would not stop with cellular capable radios just like the feds
>did not stop with machineguns in 1986.

>I got an endless flame war started with the major thread being that
>guns are guns and radios are radios and they are different and ther
>are no parallels. ...

And I'm sure you'll get another round of flames. It's just too hard for most
people to accept that the government is their greatest enemy.

Whether it's guns, drugs, tobacco, scanners, encryption software, model
rockets, lawn darts, or anything else that *might* be used or abused to cause
injury, "they" want to regulate or ban it. The question is "why?"

In a country this size, with a pliable media, it will *always* be possible to
make a case for new regulations. You don't have to wait long for a victim or
criminal to appear, to use them to justify taking away another freedom.

And now I've noticed what they're doing and I don't feel very free any more.

Thank you Rich.

Mike

[Mike Devour, Citizen, Libertarian]
[mdevour@sinbad.ph.gmr.com]
[I am speaking only for myself.]
[My employer in no way endorses what I have to say]
[and I don't speak for them in any capacity...]

433. Re: New Scanner ban... legal system

Newsgroup: rec.radio.scanner
Date: 1994-08-10 14:34:42 UTC
From: RLOKER01@HARRIS.COM
Message-ID: <19940810103452.RLOKER01@mtyson.ess.harris.com>
Source record: 270589
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In Article <crispCu8t9v.4CE@netcom.com> "crisp@netcom.com (Richard Crisp)" says:
> In article <crispCu8sG5.HHp@netcom.com> crisp@netcom.com (Richard Crisp) writes:
> >In article <feustelCu8rnp.EHo@netcom.com> feustel@netcom.com (David Feustel) writes:
> >>crisp@netcom.com (Richard Crisp) writes:
> >>
> >>> SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
> >>>INSTRUMENTS.

(deletia)

> >>
> >>Doesn't this subparagraph require criminal intent for a crime to be
> >>committed?
>
(more deletia)
>
> So to be arrested, you need not be guilty of anything. Just remember
> that.
>

If you really believed that, the content of the law would be irrelevent.

Your hypothesis would make you expect to be arrested under any other
contrived pretext.

For background, I (was) a Goldwater Republican and usually say that "If I
were 6 inches taller, I'd be a Libertarian". I think voting Libertarian
is a tactical error because of the realities of our present two-party
system.

R.C. LOKERSON (BOB) MAIL ADDRESS: VOICE : 407.729.2257
HARRIS MDSO/MIS/DCC/ATG HARRIS E.S.S. SMTP : RLOKER01@HARRIS.COM
BLDG 15/RM 838 P.O. BOX 37 CCMAIL: RLOKER01
PALM BAY, FLORIDA MELBOURNE FL FCC : WA3PKX
32902 HOME : 407.725.8024

(I WROTE IT, NOT MR. HARRIS)

"Mache'tes dont kill people, people kill people." NRA (Natl Rwandan Army)

434. Re: New Scanner ban.... legal system

Newsgroup: rec.radio.scanner
Date: 1994-08-10 14:38:46 UTC
From: RLOKER01@HARRIS.COM
Message-ID: <19940810103857.RLOKER01@mtyson.ess.harris.com>
Source record: 270590
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In Article <bote.776456957@access2> "bote@access.digex.net (John Boteler)" says:
> feustel@netcom.com (David Feustel) writes:
> >crisp@netcom.com (Richard Crisp) writes:
> >>"(6) knowingly and with intent to defraud uses, produces, traffics in, has...
> >>instruments to obtain unauthorized access to telecommunications services."
>
> >Doesn't this subparagraph require criminal intent for a crime to be
> >committed?
>
> Criminal intent is a historical artifact in the U.S.A. these days.

(deletia)

> communities. Criminal intent never enters the argument.
>

Not really. Within the last 3 months I got a traffic citation for exprired
registration (more than 4 months overdue). This is a criminal offense in
Florida. Apparently the judge was convinced that there was no criminal
intent, just stupidity. I was not judged guilty.

R.C. LOKERSON (BOB) MAIL ADDRESS: VOICE : 407.729.2257
HARRIS MDSO/MIS/DCC/ATG HARRIS E.S.S. SMTP : RLOKER01@HARRIS.COM
BLDG 15/RM 838 P.O. BOX 37 CCMAIL: RLOKER01
PALM BAY, FLORIDA MELBOURNE FL FCC : WA3PKX
32902 HOME : 407.725.8024

(I WROTE IT, NOT MR. HARRIS)

"Mache'tes dont kill people, people kill people." NRA (Natl Rwandan Army)

435. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-10 14:52:24 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.63.0008DFDA@chevron.com>
Source record: 270525
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <1994Aug9.070228.4375@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:

>I don't see a problem. The first few words say "knowingly AND with intent to
>defraud". Sure, I possess a scanning receiver, but not with "intent to
>defraud" anybody. Similarly, Optoelectronics produces hardware and software
>that modifies scanning receivers -- but not so that they can be used to
>"obtain unauthorized access to telecom services".

>The point of this bill is to target the folks who, from a car next to yours,
>use a scanner to pick up the NAM and other codes from your cellphone, program
>their own or someone else's cellphone to mimic yours, and make calls on your
>tab.

>I agree that there's no need for a specific law here, existing laws against
>wire fraud cover it just fine, but I don't see an "evil freedom-grabbing
>scanner ban" here either.

But I see a problem... If we have existing laws that cover these areas, why do we need another one. I can't believe that "the point of this bill is to target folks who"...are already doing something illegal.

There is a dangerous aspect to this that some may be overlooking. I have seen a couple of postings that defend this proposal because of the phrase "to obtain unauthorized access to telecommunications services." What exactly does this mean? It may sound well intended - but later when someone is fighting charges what will the courts say??? Is simple listening to signals going to be considered "unauthorized access"?

Be careful when you defend a proposal for a redundant law. This has the potential to bring broader restrictions.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

436. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-10 15:04:14 UTC
From: crisp@netcom.com
Message-ID: <crispCuBr72.ArH@netcom.com>
Source record: 270596

In article <328tkj$4lq@nyx10.cs.du.edu> gcortevi@nyx10.cs.du.edu (Greg Corteville) writes:
>Is this a bill that is currently being debated? If so... Who is
>sponsoring the bill? Who can we contact to protest. This has the
>capability to destroy a very interesting hobby! Frankly I'm ticked to
>say the least.
>
>Also, is there any chance that if we push hard enough we can have the
>cellular capable scanner ban repealed?

The sponsors are Senator Patrick Leahy of Vermont (that last bastion of
conservatism :-)) and Representative Don Edwards of California (the
land of granola: fruits, flakes, nuts). Guess what? The are both
Democrats!
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

437. Re: R7000/7100

Newsgroup: rec.radio.scanner
Date: 1994-08-10 15:08:11 UTC
From: crisp@netcom.com
Message-ID: <crispCuBrDn.Azr@netcom.com>
Source record: 270623

In article <1994Aug9.182254.70306@kuhub.cc.ukans.edu> baxter@kuhub.cc.ukans.edu writes:
>In article <brett_miller.441.00124537@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com
(Brett Miller - N7OLQ) writes:
>> In article <325ier$idj@nntpd.lkg.dec.com> judice@sulaco.enet.dec.com () writes:
>>
>>
>> Yes, Grove's catalog was a bit confusing. The R7000-2 and R7100-2 have
>> cellular deleted and can be sold in the US to anyone. The R7000 (now also
>> called the R7000-1) and the R7100 (R7100-1) can only be sold to government
>> agencies.
>
>
>Unfortunately, the folks at Icom not only deleted the 800 mhz cellular
>bands, but the whole range of 800-899.999, including legitimate business
>band operations, PD freqs, and local services. I really cannot imagine
>why Icom did this, except that it may have been an easier fix to get
>their products back to distributors --- but for anyone wanting even
>to listen to their local PDs on 800 mhz, forget it with these expensive
>ICOM receivers!
>
>

How about this for a reason?
So when am I going to get type certification for my newly modded
receivers?
Well this could take a very long time, you see you stil have
800mhz coverage in there, and there is likely to be some additional
legislation coming down the pike that will further restrict 800mhz
coverage (look at the new telecommunications security act [aka scanner ban]).
Tell you what: if you completely block those freqs we will approve them
by the end of the week. And oh by the way, I hear that the government
has several agencies that are looking to buy a few thousand receivers,
I think they may buy American, but perhaps if you cooperate with us, they
will buy Icom.....

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

438. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-08-10 15:15:29 UTC
From: lanka@speedracer.sysdev.telerate.com
Message-ID: <32aquh$mbv@jetty.telerate.com>
Source record: 270613

Here's another one:

Me: Can you show me where your RJ-11 equipment is?

Salesman 1: Here it is. (leads me over to a rack of audio jacks and walks away)

After a while,

Salesman 2 May I help you?

Me: Yes, can you point out your RJ-11 stuff?

Salesman 2: Whats RJ-11?

--
Jeff Lanka
VMS/Unix SM sysdev
Dow Jones/Telerate

439. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-10 15:36:45 UTC
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Message-ID: <1994Aug10.153645.23284@mixcom.mixcom.com>
Source record: 270617
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In <crispCuAt3r.309@netcom.com> crisp@netcom.com (Richard Crisp) writes:

> No guns, no radios, no way to fight back, no way to communicate,
> or organize. No way to practice field operations, no way to
> communicate privately (oh yes, I forgot to mention that the
> "cover need" for this new legislation is to allow the feds
> to wiretap digital communications. The ploy here is that they
> will be able to catch terrorists this way). Then what do we have
> when all of this is in place? Well for starters, it will be
> a very unpleasant environment not unlike the situation the
> founding fathers sacrificed their lives to do away with:
> they fought a war to have the freedoms, the checks and balances
> (including the reservation of the right to own firearms to keep
> the "ultimate recall" capability in the hands of the people),
> and the other things that our friends in Washington are
> slowly whittling away.

>This reminds me very strongly of the old tale of how to cook a frog:
>if you drop one into boiling water it will jump out. If you put it
>into a pot of cold water and then turn on the heat, by the time it
>realizes what is going on, it is too late.

>Well we are all in the pot and IT IS NEARLY TOO LATE MY FRIENDS.....

I must agree. We are slowly being disarmed, and it's not just handguns
I am talking about.

The citizens of the United States are giving up more and more freedoms,
a little bit at a time. We are too lazy, don't care or just too damned
stupid! We want big brother to take care of us and do not want to be
responsible for our own actions (education, employment, health care, defense,
raising our children, u-pick-the-topic!)

How long before we are the Socialist States of America? On a scale starting
with time zero being 1776 and 100 being socialism, where do you put us
now? Fifty years from now?

Any guesses on how long before a civil war results?

--
/`-_ kevin.jessup@mixcom.com | The US Constitution defines the
{ }/ Marquette Electronics, Inc | "rights" the people give to the
\ / Milwaukee, Wisconsin, USA | government, not the reverse!
|__*| N9SQB, ARRL, Amateur Radio |

440. Call to ARMS!!! (or PENS)

Newsgroup: rec.radio.scanner
Date: 1994-08-10 15:48:25 UTC
From: lasix@netcom.com
Message-ID: <lasixCuBt8q.lJ0@netcom.com>
Source record: 270604
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Alright - I've taken about as much as I can take. <<SNAP!>>

They ban books, They ban cigarrettes, They tried to ban booze,
They are presently trying to ban firearms (snip by snip), and
now this:

> SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
>INSTRUMENTS.
> (a) Section 1029(a) of title 18 is amended by striking the word
>"or" at the end of subparagraph (3) and adding the following new
>subparagraphs:
>
>"(6) knowingly and with intent to defraud uses, produces, traffics in, has
>control or custody of, or possesses (i) a scanning receiver or (ii)
>hardware or software used for altering or modifying telecommunications
>instruments to obtain unauthorized access to telecommunications services."

I have already written my Congressslime to get this bill out of
their cery capable (of screwing things up) hands. And I urge all
of my fellow scanner-hounds to do the same. We don't hurt anyone,
so leave us the &*$#(@! ALONE!!!
whew!

Truly without shame,
Patrick Springer
lasix@netcom.com
LASIX BBS
(818)892-5477
P.S. - Stop by and flame...
B
B
B

--

Patrick Springer
Sysop LASIX BBS
(818)892-5477
4804 Laurel Canyon Blvd. #132
Valley Village, CA. 91607
lasix@netcom.com

441. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-10 16:04:37 UTC
From: cravitma@cps.msu.edu
Message-ID: <32atql$14s4@msuinfo.cl.msu.edu>
Source record: 270600
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

Richard Crisp (crisp@netcom.com) wrote:

: I only point out that the recent assault against our freedoms are being
: spearheaded by the Democrats. I hate Democrats for this reason.

Not to diverge too far off topic here, but couldn't resist pointing
out something interesting I heard on the news yesterday. Apparently,
35 _Democratic_ senators who were in favor of the Clinton crime bill
are now against it. Their reason? The gun ban. Hmm...

Mr. Crisp, please lighten up a bit. Take it as a given that all
politicians are weasels, and move on. :)

/Matthew

--
Matthew Cravit, N9VWG | Finger cravitma@cps.msu.edu
Michigan State University | for a random quotation
E-Mail: cravitma@cps.msu.edu +----------------------------
PGP 2.3 public key available from http://web.cps.msu.edu/~cravitma

442. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-10 16:08:01 UTC
From: cravitma@cps.msu.edu
Message-ID: <32au11$14s4@msuinfo.cl.msu.edu>
Source record: 270593

Richard Crisp (crisp@netcom.com) wrote:

: The sponsors are Senator Patrick Leahy of Vermont (that last bastion of
: conservatism :-)) and Representative Don Edwards of California (the
: land of granola: fruits, flakes, nuts). Guess what? The are both
: Democrats!

What is the formal citation of this bill, so I can write my Senators
and oppose it?

/MC

--
Matthew Cravit, N9VWG | Finger cravitma@cps.msu.edu
Michigan State University | for a random quotation
E-Mail: cravitma@cps.msu.edu +----------------------------
PGP 2.3 public key available from http://web.cps.msu.edu/~cravitma

443. Re: Text of new digital communications protection act

Newsgroup: rec.radio.scanner
Date: 1994-08-10 16:34:56 UTC
From: davidb@ce.washington.edu
Message-ID: <32avjg$pbc@news.u.washington.edu>
Source record: 270620
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

domonkos@access.digex.net (Andy Domonkos) writes:

>I caught the tail-end of ABC World New last night when they reported about
>a new National Reconnaisance branch of the government, anyone catch that?

Its existence is not new, only recently (within the last few years)
declassified. The National Reconnaissance Office has existed for
years.

--
David Barts N5JRN UW Civil Engineering, FX-10
davidb@ce.washington.edu Seattle, WA 98195
1634 GMT T: 66 F wind: NNE 2 gust 4 mph P: 1017 mbar

444. Re: New Scanner ban... legal system

Newsgroup: rec.radio.scanner
Date: 1994-08-10 17:27:57 UTC
From: crisp@netcom.com
Message-ID: <crispCuBxuL.55v@netcom.com>
Source record: 270612
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <19940810103452.RLOKER01@mtyson.ess.harris.com> RLOKER01@HARRIS.COM (Robert C. Lokerson) writes:
>In Article <crispCu8t9v.4CE@netcom.com> "crisp@netcom.com (Richard Crisp)" says:
>> In article <crispCu8sG5.HHp@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>> >>committed?
>>
> (more deletia)
>>
>> So to be arrested, you need not be guilty of anything. Just remember
>> that.
>>
>
>If you really believed that, the content of the law would be irrelevent.
>
>Your hypothesis would make you expect to be arrested under any other
>contrived pretext.
>
>For background, I (was) a Goldwater Republican and usually say that "If I
>were 6 inches taller, I'd be a Libertarian". I think voting Libertarian
>is a tactical error because of the realities of our present two-party
>system.

Again the comment was directed toward being ARRESTED. It said nothing about being CONVICTED. The thing to remember here is that a suitably ambiguous law is a very effective harrassment tool. If in the judgement of the officer you are breaking a law, then he has the obligation to arrest you.

It is another matter entirely whether or not you are indicted and or convicted. The beauty of the ambiguous law is that the cop has a very good defense against a lawsuit alleging an unlawful arrest. If the law is ambiguous and subject to interpretation, then he simply claims his understanding of the law was that he needed to arrest you.

See how this works?

And of course you may get to spend lots of time money and potentially risk losing your job if you are arrested in defending yourself.

And eeven if you are not actually arrested, they get to claim the law provided them the tool they needed to have PROBABLE CAUSE that youy were doing something illegal so that they can stop your car or obtain a search warrant. Of course if they do, they may actually find evidence of some illegal activity in the process of ` executing said stop or warrant.

There are many corrupt law enforcement types. Furthermore there
are many corrupt bureaucrats in the executive branch. They do not
like opposition. You figure it out what happens next!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

445. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-10 17:30:50 UTC
From: crisp@netcom.com
Message-ID: <crispCuBxzF.5Ep@netcom.com>
Source record: 270615

In article <2d.9789.603.0N850D0B@exchange.com> john.tant@exchange.com (John Tant) writes:
>DMUNROE@VCD.HP.COM writes:
>
>>It's so damn silly the way some people get bent out of shape over
>>scanners. I know a few cops and one of them in particular really
>>hates them.
>
>>-Dave
>
>
>
>I'll tell you what. I've know quite a few who felt that the average
>citizen had no right or legitimate need to hear what they were doing.
>Cops with that kind of attitude make me nervous about our freedoms.
>

Chances are better than even that those cops also do not like
it that you can own a gun either.

Trouble is that the congressslime are now lending a sympathetic
ear to their complaints now that the Socialists (democrats)
have control of the white house, the house and the senate.
There is nothing to stop them and the media is paving the way
for the grand plan.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

446. Re: Detect detector?

Newsgroup: rec.radio.scanner
Date: 1994-08-10 17:34:53 UTC
From: schuh@zeno
Message-ID: <32b33t$hq8@balsam.unca.edu>
Source record: 270605

Charles Richards (chuck62@freenet3.scri.fsu.edu) once wrote:
: Anybody out there know the Intermediate Frequency of the Radar
: Detector-Detector? We could make a killing selling a Radar
: Detector-Detector-Detector!

It's already been done. There's one that I saw in a Truck Stop (in New Mexico I believe). The device connected to the cig. lighter, and you plugged your radar detector into the d-d-detector and anytime it detected a d-detector, it would shut off the power to your radar detector. Thereby, hopefully preventing the d-detector from picking up any signals.

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

447. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-10 17:44:11 UTC
From: copeland@metronet.com
Message-ID: <CuByLn.27C@metronet.com>
Source record: 270609

In article <2d.9789.603.0N850D0B@exchange.com>,
John Tant <john.tant@exchange.com> wrote:
>DMUNROE@VCD.HP.COM writes:
>
>>It's so damn silly the way some people get bent out of shape over
>>scanners. I know a few cops and one of them in particular really
>>hates them.
>
>I'll tell you what. I've know quite a few who felt that the average
>citizen had no right or legitimate need to hear what they were doing.
>Cops with that kind of attitude make me nervous about our freedoms.

Makes me nervous as to what behavoir they are up to that would
make them uncomfortable with the public to have the ability to
hear them.

--

| copeland@metronet.com |
---

448. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-10 17:44:22 UTC
From: mbaron@nmsu.edu
Message-ID: <32b3lm$na1@dns1.NMSU.Edu>
Source record: 270608
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

kevin jessup (kevin.jessup@mixcom.mixcom.com) wrote:

: >This reminds me very strongly of the old tale of how to cook a frog:
: >if you drop one into boiling water it will jump out. If you put it
: >into a pot of cold water and then turn on the heat, by the time it
: >realizes what is going on, it is too late.

: >Well we are all in the pot and IT IS NEARLY TOO LATE MY FRIENDS.....

: I must agree. We are slowly being disarmed, and it's not just handguns
: I am talking about.

yep...i agree

: The citizens of the United States are giving up more and more freedoms,
: a little bit at a time. We are too lazy, don't care or just too damned
: stupid! We want big brother to take care of us and do not want to be
: responsible for our own actions (education, employment, health care, defense,
: raising our children, u-pick-the-topic!)

hmmm, i think it is a combination of many factors. It is a quickly
changing world, and those with power are the ones changing it. All the way
from consumer products (the impact of the T.V, computer, automobile
etc..), to politics. Nowadays everything is governed by money, and that's
the way every gov't wants it....as long as the gov't controls the money...

: How long before we are the Socialist States of America? On a scale starting
: with time zero being 1776 and 100 being socialism, where do you put us
: now? Fifty years from now?

It is an old tale that the Soviet Union has always been evolving toward
Democracy, and the United States has been evolving toward Socialism...Yep!
you guessed it, the Soviet Union just folded....ergo....:)

: Any guesses on how long before a civil war results?

well, the aliens will be here to consume us soon so no worries! :)
--
^----^ "Imagination is more important than knowledge."
/}V V{\ -A. Einstein
\ .oo. / /\ /\/\Baron@nmsu.edu , Alien
[____] \ \ _____________

449. Re: Scanner Ban

Newsgroup: rec.radio.scanner
Date: 1994-08-10 18:13:21 UTC
From: crisp@netcom.com
Message-ID: <crispCuBzy9.98x@netcom.com>
Source record: 270531

In article <jim-100894101753@jimsmac.ttech.com> jim@ttech.com (Jim Wayda) writes:
>I have heard rumors about a scanner ban being introduced in congress. Is
>there any truth to this. Please E-mail me or post any info.
>
>
>-Jim

SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
INSTRUMENTS.
(a) Section 1029(a) of title 18 is amended by striking the word
"or" at the end of subparagraph (3) and adding the following new
subparagraphs:
"(5) knowingly and with intent to defraud uses, produces, traffics in, has
control or custody of, or possesses a telecommunications instrument that
has been modified or altered to obtain unauthorized use of
telecommunications services; or
"(6) knowingly and with intent to defraud uses, produces, traffics in, has
control or custody of, or possesses (i) a scanning receiver or (ii)
hardware or software used for altering or modifying telecommunications
instruments to obtain unauthorized access to telecommunications services."

Notice how this outlaws cellular capable scanners: now mere possession
is outlawed if this silly bill makes it into law. Of course with a "silly Bill"
in the white house, I wouldn't be surprised if it does get enacted.

Your freedom grabbing Democrats love this act.

"(7) the term 'scanning receiver' means any device or apparatus that can be
used to intercept a wire or electronic communication in violation of
chapter 119 of this title."

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

450. Scanner Ban

Newsgroup: rec.radio.scanner
Date: 1994-08-10 18:17:53 UTC
From: jim@ttech.com
Message-ID: <jim-100894101753@jimsmac.ttech.com>
Source record: 270619

I have heard rumors about a scanner ban being introduced in congress. Is there any truth to this. Please E-mail me or post any info.

-Jim

451. Re: Scanner Ban

Newsgroup: rec.radio.scanner
Date: 1994-08-10 18:21:28 UTC
From: crisp@netcom.com
Message-ID: <crispCuC0Bs.A04@netcom.com>
Source record: 270532

In article <jim-100894101753@jimsmac.ttech.com> jim@ttech.com (Jim Wayda) writes:
>I have heard rumors about a scanner ban being introduced in congress. Is
>there any truth to this. Please E-mail me or post any info.
>
>
>-Jim

DRAFT - August 1, 1994

Notice that two Democrats, Leahy of the Senate and Edwards of the House
are the sponsors. The Democrats just love to infringe your liberties.
Vote those schlocks out of office!

SECTION 1. INTERCEPTING DIGITAL AND OTHER COMMUNICATIONS.
Title 18, United States Code, is amended by adding the following new chapter:
"CHAPTER 120 -- TELECOMMUNICATIONS CARRIER ASSISTANCE TO THE GOVERNMENT
"Sec. 2601. Assistance requirements.
"(a) CAPABILITY REQUIREMENTS. -- Except as provided in subsections (b),
(c) and (d) of this section and subsection (c) of section 2606, a
telecommunications carrier shall ensure that its services or facilities
that provide a customer or subscriber with the ability to originate,
terminate or direct communications have the capability to --
(i) expeditiously isolate and enable the government to intercept, to the
exclusion of any other communications, all wire and electronic
communications carried by the carrier within a service area to or from
equipment, facilities or services of a subscriber of such carrier
concurrent with their transmission to or from the subscriber's service,
facility or equipment or at such later time as may be acceptable to the
government;
(ii) expeditiously isolate and enable the government to access call
identifying information which is reasonably available to the carrier
--
(1) either before, during or immediately after the transmission of a wire
or electronic communication (or at such later time as may be acceptable to
the government); and
(2) in a manner that allows it to be associated with the communication to
which it pertains,
except that, with regard to information acquired solely pursuant to the
authority for pen registers and trap and trace devices as defined in
chapter 206 of this title, such call identifying information shall not
include any information that may disclose the physical location of the
subscriber, beyond what may be determined from the telephone number;
(iii) deliver intercepted communications and call identifying information
to the government in a format such that they may be transmitted by means of
facilities or services procured by the government to a location away from

the premises of the carrier; and
(iv) facilitate authorized communications interceptions and call identifying information access unobtrusively and with a minimum of interference with any subscriber's telecommunications service and in a manner that protects the privacy and security of communications and call identifying information not authorized to be intercepted and protects information regarding the government's interception of communications and access to call identifying information.
"(b) LIMITATIONS. This chapter does not authorize any law enforcement agency or officer to require the specific design of features or system configurations to be adopted by providers of wire or electronic communication service, nor does it authorize any law enforcement agency or officer to prohibit the adoption of any feature or service by providers of wire or electronic communication service. The requirements of subsection (a) do not apply to (i) information services or (ii) services or facilities that support the transport or switching of communications for the sole purpose of interconnecting telecommunications carriers or private networks.
"(c) EMERGENCY OR EXIGENT CIRCUMSTANCES. In emergency or exigent circumstances, including but not limited to those described in sections 2518(7), 2518(11)(b) and 3125 of this title or in section 1805(e) of title 50, a carrier may fulfill its responsibilities under subparagraph (a)(iii) by allowing monitoring at its premises if that is the only means of accomplishing the interception or access.
"(d) MOBILE SERVICE ASSISTANCE REQUIREMENTS. A telecommunications carrier offering a feature or service that allows subscribers to redirect, hand off, or assign their wire or electronic communications to another service area or another service provider, or to utilize facilities in another service area or of another service provider, shall ensure that, when the carrier that had been providing assistance for the interception of wire or electronic communications or access to call identifying information pursuant to a court order or lawful authorization no longer has access to the content of such communications or call identifying information within the service area where interception has been occurring as a result of the subscriber's use of such feature or service, information is available to the government, either before, during or immediately after the transfer of such communications, identifying the provider of wire or electronic communication service that has acquired access to the communications.
"Sec. 2602. Notice of capacity requirements.
"(a) NOTICE OF MAXIMUM AND INITIAL CAPACITY REQUIREMENTS. Within one year from the date of enactment of this Act, and after consulting with state and local law enforcement agencies, telecommunications carriers, providers of telecommunications support services, and manufacturers of telecommunications equipment, the Attorney General shall publish in the Federal Register and provide to appropriate telecommunications carrier associations, standards bodies and fora --
(i) notice of the maximum capacity required to accommodate all the communications interceptions, pen registers and trap and trace devices that the Attorney General estimates government agencies authorized to conduct electronic surveillance may conduct and use simultaneously; and

(ii) notice of the number of all communications interceptions, pen registers, and trap and traces devices, representing a portion of the maximum capacity set pursuant to (a)(i), that the Attorney General estimates government agencies authorized to conduct electronic surveillance may conduct and use simultaneously four years from the date of enactment of this Act.

Such notices may be based upon the type of equipment, type of service, number of subscribers, geographic location, or other measure.

"(b) COMPLIANCE WITH CAPACITY NOTICES. Within three years of the publication by the Attorney General of a notice of capacity needs, or within four years from the date of enactment of this Act, whichever is longer, a telecommunications carrier shall ensure that its systems are capable of --

(i) expanding to the maximum capacity set forth in the notice provided pursuant to section (a)(i); and

(ii) accommodating simultaneously the number of interceptions, pen registers and trap and trace devices for which notice has been provided pursuant to section (a)(ii).

Thereafter, a telecommunications carrier shall ensure that it can accommodate expeditiously any increase in the number of interceptions, pen registers and trap and trace devices that authorized agencies may seek to conduct and use, up to the maximum capacity specified pursuant to section (a)(i).

"(c) PERIODIC INCREASES IN NOTICE OF MAXIMUM CAPACITY REQUIREMENTS. The Attorney General shall periodically provide to telecommunications carriers written notice of any necessary increases in the maximum capacity specified pursuant to section (a)(i). Within three years after receiving written notice of such increased capacity requirements, or within such longer time period as may be specified by the Attorney General, a telecommunications carrier shall ensure that its systems are capable of expanding to the increased maximum capacity set forth in such notice.

"Sec. 2603. Systems security and integrity.

"A telecommunications carrier shall ensure that any court ordered or lawfully authorized interception of communications or access to call identifying information effected within its switching premises can be activated only with the affirmative intervention of an individual officer or employee of such carrier.

"Sec. 2604. Cooperation of equipment manufacturers and providers of telecommunications support services.

"A telecommunications carrier shall consult, as necessary, in a timely fashion with manufacturers of its telecommunications transmission and switching equipment and its providers of telecommunications support services for the purpose of identifying any service or equipment, including hardware and software, that may require modification so as to permit compliance with the provisions of this chapter. A manufacturer of telecommunications transmission or switching equipment and a provider of telecommunications support services shall, on a reasonably timely basis and at a reasonable charge, make available to the telecommunications carriers using its equipment or services such modifications as are necessary to permit such carriers to comply with the provisions of this section.

"Section 2605. Technical requirements and standards for
implementation of section 2601 requirements.
"(a) SAFE HARBOR. To ensure the efficient and industry-wide implementation of the requirements established in section 2601 of title 18, United States Code, the Attorney General, in coordination with other Federal, State, and local law enforcement agencies, shall consult with appropriate associations and standards setting bodies of the telecommunications industry. A telecommunications carrier shall be in compliance with the capability requirements of section 2601 if it is in compliance with publicly available technical requirements or standards which meet the requirements of section 2601 adopted by an industry association or standards setting body. The absence of technical requirements or standards for implementing the requirements of section 2601 shall not preclude any carrier from deploying a technology or service nor shall the absence of standards relieve any carrier of the obligations imposed by section 2601.
"(b) FCC AUTHORITY. In the event of a dispute about technical requirements or standards or if industry associations or bodies fail to issue technical requirements or standards, any person may petition the Federal Communications Commission to establish, by notice and comment rulemaking or other such proceedings as it may be authorized to conduct, specifications or standards that meet the requirements established in section 2601 of title 18, United States Code, protect the privacy and security of communications not authorized to be intercepted, and serve the policy of the United States to encourage the provision of new technologies and services to the public. In a proceeding under this section initiated by a telecommunications carrier, manufacturer of telecommunications transmission and switching equipment, or provider of telecommunications support services, the Commission, to recover the costs of its actions under this section, may assess and collect a fee against the carriers, manufacturers or providers that are parties to the proceeding. Such fee shall be deposited as an offsetting collection in, and credited to, the account providing appropriations to carry out the functions of the Commission and shall be available without fiscal year limitation.
"(c) EXTENSION OF COMPLIANCE DATE FOR FEATURES AND SERVICES. A telecommunications carrier proposing to deploy, or having deployed, a feature or service within four years after the date of enactment of this Act may petition the Commission for one or more extensions of the deadline for complying with the requirements established in section 2601 of title 18, United States Code. The Commission may, after affording a full opportunity for hearing and after consultation with the Attorney General, grant an extension under this paragraph, if it determines that compliance with the requirements of section 2601 of title 18, United States Code, is not reasonably achievable through application of technology available within the compliance period. An extension under this paragraph shall extend for no longer than the earlier of (i) the date determined by the Commission as necessary for the carrier to comply with the requirements of section 2601 of title 18, United States Code; or (ii) in no event beyond two years after the date on which the initial extension is granted. An extension under this subsection shall apply to only that part of the carrier's business on which the new feature or service is used.

"Sec. 2606. Enforcement orders.
"(a) If a court authorizing an interception under chapter 119, under a State statute, or under the Foreign Intelligence Surveillance Act, or authorizing use of a pen register or a trap and trace device under chapter 206 or under a state statute finds that a telecommunications carrier has failed to comply with the requirements in this chapter, the court may direct that the carrier comply forthwith and may direct that a provider of support services to such carrier or the manufacturer of the carrier's transmission or switching equipment furnish forthwith modifications necessary for the carrier to comply.
"(b) The Attorney General may apply to the appropriate United States District Court for, and the District Courts shall have jurisdiction to issue, an order directing that a telecommunications carrier, a provider of telecommunications carrier support services or a manufacturer of telecommunications transmission or switching equipment comply with this chapter.
"(c) A court shall issue an order under subsections (a) or (b) only if it finds that --
(i) alternative technologies or capabilities or the facilities of another carrier are not reasonably available to law enforcement for implementing the interception of communications or access to call identifying information; and
(ii) compliance with the requirements of this chapter is reasonably achievable through the application of available technology to the feature or service at issue or would have been reasonably achievable if timely action had been taken.
A court may not issue an order where the government's demands for interception of communications and acquisition of call identifying information exceed the capacity for which notice has been provided under section 2602.
"(d) A court issuing an order under this section may impose a civil penalty of up to $10,000 per day for each day in violation after the issuance of the order or after such future date as the court may specify. In determining whether to impose a fine and in determining its amount, the court shall take into account the nature, circumstances, and extent of the violation, and, with respect to the violator, ability to pay, good faith efforts to comply in a timely manner, effect on ability to continue to do business, the degree of culpability or delay in undertaking efforts to comply, and such other matters as justice may require. The Attorney General may file a civil action in the appropriate United States District Court to collect, and the United States District Courts shall have jurisdiction to impose, such fines.
"Sec. 2607. Definitions.
"As used in this chapter --
"(1) the terms defined in section 2510 of this title have, respectively, the definitions given such terms in that section; "(2) 'telecommunications carrier' means any person or entity engaged in the transmission or switching of wire or electronic communications as a common carrier for hire, as defined by section 3(h) of the Communications Act of 1934, and includes (i) any person or entity engaged in providing commercial

mobile service, as defined in section 6002(b) of Public Law 103-66, and (ii) any person or entity engaged in providing wire or electronic communication switching or transmission service to the extent that the Commission finds that such service is a replacement for a substantial portion of the local telephone exchange service and that it is in the public interest to deem such person or entity to be a common carrier for purposes of this Act.

"(3) 'provider of telecommunications support services' means any person or entity that provides products, software, or services to a telecommunications carrier that are integral to the switching or transmission of wire or electronic communications;

"(4) 'government' means the Government of the United States and any agency or instrumentality thereof, the District of Columbia, any commonwealth, territory or possession of the United States, and any state or political subdivision thereof authorized by law to conduct electronic surveillance;

"(5) 'information services' means the offering of a capability for generating, acquiring, storing, transforming, processing, retrieving, utilizing, or making available information via telecommunications, and includes electronic publishing, but does not include any use of any such capability for the management, control or operation of a telecommunications system or the management of a telecommunications service;

"(6) 'call identifying information' means all dialing or signalling information associated with the origin, direction, destination, or termination of each communication generated or received by the subscriber equipment, facility or service of such carrier that is the subject of a court order or lawful authorization, but does not include any information that may disclose the physical location of the subscriber beyond what may be inferred from the telephone number."

SECTION 2. EFFECTIVE DATE. Sections 2601 and 2603 of title 18 as added by section 1 of this Act shall take effect four years after the date of enactment of this Act. Unless otherwise specified, all other provisions of this Act shall become effective on the date of enactment.

SECTION 3. REIMBURSEMENT AND FUNDING.

(a) The Attorney General shall reimburse telecommunications carriers for all reasonable costs directly associated with (1) the modifications performed by carriers prior to the effective date of section 2601 or prior to the expiration of any extension granted under section 2605(c) of title 18, United States Code, as added by this Act, to establish the capabilities necessary to comply with section 2601; (2) establishing the maximum capacity requirements set pursuant to section 2602 of title 18; and (3) expanding existing facilities to accommodate simultaneously the number of interceptions, pen registers and trap and trace devices for which notice has been provided pursuant to section 2602. Notwithstanding any other provision of law, the Attorney General is authorized to establish any procedures and regulations deemed necessary to effectuate timely and cost-efficient reimbursement to telecommunications carriers for reimbursable costs incurred under this Act, under chapters 119 and 121 of Title 18, United States Code, and under the Foreign Intelligence Surveillance Act. If there is a dispute between the Attorney General and a

telecommunications carrier regarding the amount of reasonable costs to be reimbursed, the dispute shall be resolved and the amount determined, in a proceeding initiated at the Federal Communications Commission under section 2605 of title 18 or by the court from which an enforcement order is sought under section 2606.
(b) For fiscal years 1995 through 1998, there are authorized to be appropriated a total of $500,000,000. For fiscal years 1999 and thereafter, there are authorized to be appropriated such sums as may be necessary to carry out the purposes of this Act.
(c)(i) On or before November 30, 1995, and on or before the same day each year for five years thereafter, the Attorney General shall submit to the Congress a report on the amounts paid during the preceding fiscal year in reimbursement to carriers for costs incurred in making modifications to comply with the provisions of this Act. Said reports shall include but not be limited to (1) a detailed accounting of the amounts paid to each carrier and the technology, feature or service for which the amounts were paid and (2) projections of the amounts expected to be paid in the then ongoing fiscal year, the carriers to which reimbursement is expected to be paid, and the technologies, services, or features for which reimbursement is expected to be paid.
(ii) On or before April 1, 1996 and April 1, 1998, the General Accounting Office shall, after consultation with the Attorney General and the telecommunications industry, submit to the Congress a report reflecting its audit of the sums paid by the Attorney General to carriers in reimbursement. Such report shall include the findings and conclusions of the Comptroller General on the costs to be incurred after the compliance date, including projections of the amounts expected to be incurred and the technologies, services, or features for which expenses are expected to be incurred.
SECTION 4. DEFINITION.
Section 2510(4) of title 18 is amended by adding at the end thereof, before the semicolon, ", except that with regard to the transmission of a communication encrypted by a subscriber, a telecommunications carrier shall not be responsible for decrypting, or ensuring the government's ability to decrypt, the communication, unless the encryption was provided by the service provider and the service provider possesses the information necessary to decrypt the communication".
SECTION 5. CORDLESS TELEPHONES.
(a) Definitions. - Section 2510 of title 18, United States Code, is amended -
(1) in paragraph (1), by striking "but such term does not include" and all that follows through "base unit"; and
(2) in paragraph (12), by striking subparagraph (A) and redesignating subparagraphs (B) through (D) as subparagraphs (A) through (C) respectively.
(b) Penalty. - Section 2511 of title 18, United States Code, is amended -
(1) in subsection (4)(b)(i), by inserting "a cordless telephone communication that is transmitted between the cordless telephone handset and the base unit," after "cellular telephone communication,"; and

(2) in subsection (4)(b)(ii), by inserting "a cordless telephone communication that is transmitted between the cordless telephone handset and the base unit," after "cellular telephone communication,".

SECTION 6. RADIO-BASED DATA COMMUNICATIONS.

Section 2510(16) of title 18, United States Code, is amended by striking the word "or" at the end of subparagraph (D) and inserting an "or" at the end of subparagraph (E) and adding the following new subparagraph:

"(F) an electronic communication;"

SECTION 7. PENALTIES FOR MONITORING RADIO COMMUNICATIONS THAT ARE NOT SCRAMBLED, ENCRYPTED, OR NON-PUBLIC.

Section 2511(4)(b) of title 18, United States Code is amended by deleting the phrase "or encrypted, then -" and inserting the following:

", encrypted, or transmitted using modulation techniques whose essential parameters have been withheld from the public with the intention of preserving the privacy of such communication, then -"

SECTION 8. TECHNICAL CORRECTION.

Section 2511(2)(a)(i) of title 18 is amended by striking out "used in the transmission of a wire communication" and inserting in lieu thereof "used in the transmission of a wire or electronic communication".

SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO INSTRUMENTS.

(a) Section 1029(a) of title 18 is amended by striking the word "or" at the end of subparagraph (3) and adding the following new subparagraphs:

"(5) knowingly and with intent to defraud uses, produces, traffics in, has control or custody of, or possesses a telecommunications instrument that has been modified or altered to obtain unauthorized use of telecommunications services; or

"(6) knowingly and with intent to defraud uses, produces, traffics in, has control or custody of, or possesses (i) a scanning receiver or (ii) hardware or software used for altering or modifying telecommunications instruments to obtain unauthorized access to telecommunications services."

(b) Section 1029(c)(2) of title 18 is amended by striking "(a)(1) or (a)(4)" and inserting in lieu thereof "(a)(1), (a)(4), (a)(5) or (a)(6)".

(c) Section 1029(e)(1) of title 18 is amended by inserting "electronic serial number, mobile identification number, personal identification number, or other telecommunications service, equipment, or instrument identifier," after "account number,".

(d) Section 1029(e) of title 18 is amended by striking the word "and" at the end of subparagraph (5), by striking the period at the end of subparagraph (6) and adding "; and", and by adding the following new subparagraph:

"(7) the term 'scanning receiver' means any device or apparatus that can be used to intercept a wire or electronic communication in violation of chapter 119 of this title."

SECTION 10. TRANSACTIONAL DATA.

(a) Section 2703(c)(1)(B) of title 18, United States Code, is

amended by adding at the end thereof the following:
"Records or other information disclosed under this subparagraph shall not include any interactive information generated by the subscriber or customer or any information identifying services used by the subscriber or customer, except the dialling or signalling information utilized in call or message processing.";
(b) Section 3121 of title 18, United States Code, is amended by redesignating subsection (c) as (d), and adding a new subsection (c) as follows:
"(c) Limitation. -- A government agency authorized to install and use a pen register under this chapter, or under state law, shall use technology reasonably available to it that restricts the recording or decoding of electronic or other impulses to the dialling and signalling information utilized in call processing."

SECTION 11. REPORTING OF INTERCEPTIONS ENCOUNTERING ELECTRONICALLY ENCRYPTED COMMUNICATIONS.
Section 2519(2) of title 18, United States Code, is amended by deleting everything after the semicolon in subparagraph (f) and inserting the following:
"(g)the number of interceptions encountering electronically encrypted communications, specifying the number of such interceptions that could not be decrypted; and
"(h)The information required by paragraphs (b) through (g) of this subsection with respect to orders or extensions obtained in a preceding calendar year."

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

452. Re: Text of new digital... N.R.O.

Newsgroup: rec.radio.scanner
Date: 1994-08-10 19:11:40 UTC
From: RLOKER01@HARRIS.COM
Message-ID: <19940810151149.RLOKER01@mtyson.ess.harris.com>
Source record: 270533
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In Article <JrDIkiubGEJS066yn@access.digex.net> "domonkos@access.digex.net (Andy Domonkos)" says:
> I caught the tail-end of ABC World New last night when they reported about
> a new National Reconnaisance branch of the government, anyone catch that?
>
> Andy
>
>

Hardly new. Used to be at the Washington Navy Yard and a fairly poorly kept secret.

R.C. LOKERSON (BOB) MAIL ADDRESS: VOICE : 407.729.2257
HARRIS MDSO/MIS/DCC/ATG HARRIS E.S.S. SMTP : RLOKER01@HARRIS.COM
BLDG 15/RM 838 P.O. BOX 37 CCMAIL: RLOKER01
PALM BAY, FLORIDA MELBOURNE FL FCC : WA3PKX
32902 HOME : 407.725.8024

(I WROTE IT, NOT MR. HARRIS)

"Mache'tes dont kill people, people kill people." NRA (Natl Rwandan Army)

453. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-10 19:21:49 UTC
From: davidb@ce.washington.edu
Message-ID: <32b9cd$q3@news.u.washington.edu>
Source record: 270534
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

Please take this thread to another newsgroup. If I had want to
read the whinings of clueless reactionaries, I'd have subscribed
to alt.fan.rush-limbaugh or some other such newsgroup instead
of rec.radio.shortwave.

Thank you.

--
David Barts N5JRN UW Civil Engineering, FX-10
davidb@ce.washington.edu Seattle, WA 98195
1921 GMT T: 70 F wind: WNW 9 gust 12 mph P: 1017 mbar

454. AR1000 tuning knob flaky?

Newsgroup: rec.radio.scanner
Date: 1994-08-10 19:23:33 UTC
From: joe@avs.com
Message-ID: <32b9fl$8ti@nda.nda.com>
Source record: 270535

The AR1000XLT has a small knob on top that tunes up or down by the current freq. increment. I've noticed that sometimes when it "clicks" around the freq. does not change. Is this something others have noticed? It's almost like the switch motion "misses" sometimes (I assume the mechanical click causes a signal pulse somewhat like a computer mouse...).

Thanks, Joe

455. Pro 43 Mod

Newsgroup: rec.radio.scanner
Date: 1994-08-10 19:34:48 UTC
From: davion28@netcom.com
Message-ID: <davion28CuC3q0.44q@netcom.com>
Source record: 270606

Is there a mod to cut off the Pro-43 powersaving unit? I found that you miss some of the transmission (not much though). The reason I ask is because when the police turn on the alert tones I sometimes mis them. Thanks for any help.

456. Bearcat 760

Newsgroup: rec.radio.scanner
Date: 1994-08-10 20:20:04 UTC
From: fire615@aol.com
Message-ID: <32bcpk$650@search01.news.aol.com>
Source record: 270537

Brand new never used bearcat 760 for sale. $214.00 includes shipping

457. Is North East Scanner News still in business?

Newsgroup: rec.radio.scanner
Date: 1994-08-10 20:32:48 UTC
From: lee@tosspot.sv.com
Message-ID: <D0Zuqc1w165w@tosspot.sv.com>
Source record: 270434

Was wondering, been a while since I sent in my subscription and nothing seen yet.

Lee

458. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-10 21:08:31 UTC
From: dweeks@world.std.com
Message-ID: <CuC827.DE@world.std.com>
Source record: 270622
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In <crispCuAt3r.309@netcom.com> crisp@netcom.com (Richard Crisp) writes:

>Wanna guess what comes next?
. . .

>If they fail this time to get the ban they will try a massive media campaign
>to show the American public how criminals will use scanners to listen to the
>police to remove the element of surprise and portray hobbyists as perverted
>voyeurs etc with no socially redeeming values.

In contrast with much of what has been (and probably will be)
written on this subject, this statement seems to me to have some
objective value, because it makes a factual prediction about
something that can be observed and verified by anyone. If it
turns out to be correct, the associated "disarm-the-public"
hypothesis will be supported, and if not the theory will need to
be revised. This strikes me as more useful than endless naive
wrangling over whether the conspiracy is perpetrated by
Democrats or Republicans or Liberals or Conservatives.

I would like to suggest a refinement of the prediction, though.
It seems to me that there's no reason for (let's call them)
anti-scanner interests to wait for the bill to fail before they
start this media campaign. Why not use it now, to drum up support
while the bill is being debated?

If think it would be wise for all of us to start keeping a close
eye on the media for an increase in stories of this type. If we
do start seeing more of them, it might also be instructive to do
a little investigating to find out exactly who they're coming
from.

--
David Weeks
Quincy, Mass.

459. Scanner Mail List?

Newsgroup: rec.radio.scanner
Date: 1994-08-10 21:19:45 UTC
From: mike@profitmaker.com
Message-ID: <13921CEWEKFFLHPPNAP@profitmaker.com>
Source record: 270624

Can anyone tell me if there are any mail lists on the Internet that are spicifically for scanner talk? If so what is the address to get on the list? Thanks for the info.

mike@profitmaker.com

460. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-10 22:02:17 UTC
From: tlglenn@CS.Arizona.EDU
Message-ID: <32bip9$30h@caslon.CS.Arizona.EDU>
Source record: 270536
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns,alt.censorship

In article <CuC827.DE@world.std.com>,
David M Weeks <dweeks@world.std.com> wrote:
>I would like to suggest a refinement of the prediction, though.
>It seems to me that there's no reason for (let's call them)
>anti-scanner interests to wait for the bill to fail before they
>start this media campaign. Why not use it now, to drum up support
>while the bill is being debated?

I have already seen similar media stories about the Internet being
used to transmit "obscene" material and how the Internet needs
to be "regulated" to prevent such transmissions.

Followups: alt.censorship
--
Ted L. Glenn "Don't worry, be happy!" <--Ack! Pffffhhht!
HI! I'm a .sig disinfectant. Please remove all viruses from your .signature.
"tlglenn%cs.arizona.edu"@ARIZVMS.BITNET {noao,allegra,uunet}!arizona!tlglenn

461. Automobile computers and scanners

Newsgroup: rec.radio.scanner
Date: 1994-08-10 22:03:16 UTC
From: bschweik@k12.ucs.umass.edu
Message-ID: <1994Aug10.220316.5968@k12.ucs.umass.edu>
Source record: 270538

On last night's edition of Auto Week on public TV, the host warned about user-installed electronics interfering with the microprocessors which now control automobile engines. He said that improper installation could cause the engine to malfunction and used CB radio as an example of a potential problem. Is any one familiar with this type of interference? Was the host over-stating the case?

--

William W. Schweikert bschweik@k12.ucs.umass.edu
Northfield Mount Hermon School Voice: 413-498-5742
P. O. Box 2 498-3452
Mount Hermon, MA 01354 Fax: 413-498-3010

462. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-10 22:20:00 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.266.00604572@CCCS.UMN.EDU>
Source record: 270545
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <cgwh.63.0008DFDA@chevron.com> cgwh@chevron.com (Curtis Wheeler) writes:
>From: cgwh@chevron.com (Curtis Wheeler)
>Subject: Re: New Scanner ban being planned in Congress
>Date: 10 Aug 94 14:52:24 GMT

>In article <1994Aug9.070228.4375@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel
>Mode Systems) writes:

>But I see a problem... If we have existing laws that cover these areas, why
>do we need another one. I can't believe that "the point of this bill is to
>target folks who"...are already doing something illegal.

My guess is that they want to go after folks who clone their own phones, which doesn't seem to be illegal at this time; although, it may violate the small print of a service agreement. Cloning someone else's phone seems to be handled under the current laws.

--rick

+---+
| Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
| Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |
| Cancer Screening Trial voice: (612) 627-4151 |
| University of Minnesota fax: (612) 627-4158 |
| 212 Ontario St SE, Suite 202 |
| Minneapolis, MN 55414 |
+---+

463. Re: Guide to Scanner Antennas

Newsgroup: rec.radio.scanner
Date: 1994-08-10 22:57:26 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-100894144437@m42013.esl.com>
Source record: 270555

In article <1994Aug9.110416.4377@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) wrote:

> In article <mike_diaz-080894134956@m41122.esl.com>, mike_diaz@smtp.esl.com (Mike Diaz) writes:
> > [...]
>
> Several things you've written here are at odds with information published by
> Bill Cheek. For example, according to Bill, height, even after you've cleared
> local obstructions, DOES matter. It isn't just the increase in line of sight,
> which I'll agree is marginal; the field strength is simply greater the higher
> you are from the ground, for obvious reasons.

and what reasons would those be?
How much improvement will it give (in dB) to go from 40ft above ground to 50ft?

>
> I think I'll trust Bill, thank you very much.
>
> --- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
> Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

I read Bills Scanner Mod Handbook Vol 1 last night (I wish I had read it before I wrote the guide) and esentially he gave the same recomendations I did. A discone on a 20ft mast on top of your roof is the best way to go for the average user. The range calculation is pretty much worthless in the real world. Terrain has a MUCH larger impact on your ability to receive a signal. You can make HUGE improvements in signal strength (10-20dB) by getting your antenna clear of obstructions. Above that height you will get only marginal improvements, relatively speaking. The reason is COMPROMISE, putting up a very tall mast on the roof can be expensive and dangerous (safety, wind loading, electrocution hazard, and mechanical stresses on the roof). I m not going to tell people that another 10ft of mast height will give them a significant improvement, in received signals, because it won t. While the field strength will be greater if your antenna is higher it will not be by large amounts, and there is a point of diminishing returns. You would be much better served using better coax and a better antenna.
You are welcome very much.

Good scannin' to ya.
MAD

The opinions expressed here are | Covering 100KHz to 2GHz contiguous.

my own, but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

464. Re: AR1000 tuning knob flaky?

Newsgroup: rec.radio.scanner
Date: 1994-08-10 23:10:03 UTC
From: schuster@panix.com
Message-ID: <32bmob$7p7@panix3.panix.com>
Source record: 270554

In article <32b9fl$8ti@nda.nda.com>, Joe Peterson <joe@avs.com> wrote:
>The AR1000XLT has a small knob on top that tunes up or down by the
>current freq. increment. I've noticed that sometimes when it
>"clicks" around the freq. does not change. Is this something
>others have noticed? It's almost like the switch motion "misses"
>sometimes (I assume the mechanical click causes a signal pulse
>somewhat like a computer mouse...).

Could be. Somewhere (I forgot where, perhaps Fidonet) I once saw a message
from a European owner who said he had to replace the rotary encoder.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

465. Re: New Snobird freq

Newsgroup: rec.radio.scanner
Date: 1994-08-10 23:51:22 UTC
From: msaran@olympus.net
Message-ID: <32bp5q$ohc@olympus.net>
Source record: 270592

No I was not mistaken - thanks for asking - 245.75 was it.
It was also used last year at the Rose Festival Airshow in Portland OR.

BTW there are many other wierd UHF AM freq's that do not conform.
--
Mark Saran
msaran@olympus.net

466. Re: Text of new digital communications protection act

Newsgroup: rec.radio.scanner
Date: 1994-08-11 00:04:52 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug10.190452.2763@hnrc.tufts.edu>
Source record: 270551
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <uuDIkiubG2wN066yn@access.digex.net>, domonkos@access.digex.net (Andy Domonkos) writes:
> All too often, a law is enacted if 'there's a buck in it for someone'. If
> anyone can state a law passed the last 10 years to contradict me please
> do so.

Sure. The new food labeling law. It's cost industry 1.6 billion and many are hopping mad about it.

467. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 00:12:05 UTC
From: steven@sgb.oau.org
Message-ID: <CuCGK7.1D9@sgb.oau.org>
Source record: 270547

David R. Wolf (wolf@beta.lanl.gov) wrote:
: what's is going on with the satellite fidonet echo of these posts!?!
: i saw mine and then richard crisps here, again.

: the repost of my message has a similar footer:

: |Fidonet: Richard Crisp 1:363/198.1
: |Internet: Richard.Crisp%363-198-1@satlink.oau.org
: |
: | Standard disclaimer: The views of this user are strictly his own.
: | From C.F.Satlink +1-407-240-7781 (ANSI or Vt-100 _required_).

There was an error with one of the Orlando Fidonet systems which caused
the message id field to get re-generated as if it were from a local
site. This was due to a breakdown in communication between two sites.

My site feeds the site that fed the site that made this mistake.

To the best of my knowledge, this problem has been corrected, but I
think 62+ messages sneaked out the backdoor before we realized that
something was broken. I know the ones in question left this site
at 1pm EDT yesterday. Although news was promptly shutdown while it
was fixed at the offending site, we could not prevent the posts that
escaped to the net from doing so.

Sorry!

Steven
System Administrator
The Forest City Exchange

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

468. Re: Detect detector?

Newsgroup: rec.radio.scanner
Date: 1994-08-11 00:17:33 UTC
From: frankjm@sd2.af.mil
Message-ID: <1994Aug11.001733.14558@afit.af.mil>
Source record: 270556

In article <32b33t$hq8@balsam.unca.edu>, schuh@zeno (Paul Schuh) writes:
|> Charles Richards (chuck62@freenet3.scri.fsu.edu) once wrote:
|> : Anybody out there know the Intermediate Frequency of the Radar
|> : Detector-Detector? We could make a killing selling a Radar
|> : Detector-Detector-Detector!
|>
|> It's already been done. There's one that I saw in a Truck Stop (in New Mexico
|> I believe). The device connected to the cig. lighter, and you plugged your
|> radar detector into the d-d-detector and anytime it detected a d-detector,
|> it would shut off the power to your radar detector. Thereby, hopefully
|> preventing the d-detector from picking up any signals.
|>
|> --
|> Paul Schuh UNCA Society of Physics Students
|> pmschuh@unca.edu UNCA Robotics Club
|>

Whistler makes a unit that has a radar detector detector detector
built in and Bel has one that you can sit in front of the radar
detector detector and it won't set it off. Also the radar
detector detector is called a VG2. See Car Audio and Electronics
august issue.

Jim

469. Re: Automobile computers and scanners

Newsgroup: rec.radio.scanner
Date: 1994-08-11 00:34:06 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-100894162840@m42013.esl.com>
Source record: 270598

In article <1994Aug10.220316.5968@k12.ucs.umass.edu>,
bschweik@k12.ucs.umass.edu (Bill Schweikert (NMH)) wrote:

>
> On last night's edition of Auto Week on public TV, the host
> warned about user-installed electronics interfering with the
> microprocessors which now control automobile engines. He said
> that improper installation could cause the engine to malfunction
> and used CB radio as an example of a potential problem. Is any
> one familiar with this type of interference? Was the host over-
> stating the case?
> --
> William W. Schweikert bschweik@k12.ucs.umass.edu
> Northfield Mount Hermon School Voice: 413-498-5742
> P. O. Box 2 498-3452
> Mount Hermon, MA 01354 Fax: 413-498-3010

Bill
I had a similar experience when I put a CB in my Mitsubishi 3000GT. I
tapped into a spare fuse position to power the CB. Every time I keyed the
mic the factory installed burgler alarm went off, even though the alarm
wasn't armed. I ended up using 2 ferrite beads and an in-line power filter
before everything worked properly.
I didn't get as far as starting the car before I installed the filters, so
I don't know if there would have been any effect, but there could well have
been.

Good scannin' to ya.
MAD

The opinions expressed here are | Covering 100KHz to 2GHz contiguous.
my own, but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

470. Re: Detect detector?

Newsgroup: rec.radio.scanner
Date: 1994-08-11 00:35:47 UTC
From: michaeha@soul.tv.tek.com
Message-ID: <32brp3$903@news.tv.tek.com>
Source record: 270599

: Anybody out there know the Intermediate Frequency of the Radar
: Detector-Detector? We could make a killing selling a Radar
: Detector-Detector-Detector!

>It's already been done. There's one that I saw in a Truck Stop (in New Mexico
>I believe). The device connected to the cig. lighter, and you plugged your
>radar detector into the d-d-detector and anytime it detected a d-detector,
>it would shut off the power to your radar detector. Thereby, hopefully
>preventing the d-detector from picking up any signals.

Yes, but I imagine that the radar detector-detector-detector is still running
even when it shuts down the radar detector. This creates a whole new market!
Police everywhere will be needing radar detector-detector-detector-detectors.
Any entrepenuers out there?

Mike

471. ICOM R1 Warning

Newsgroup: rec.radio.scanner
Date: 1994-08-11 00:59:16 UTC
From: jim@ttech.com
Message-ID: <jim-100894165917@jimsmac.ttech.com>
Source record: 270601

The purpose of this post is an attempt to prevent someone from making the same bad mistake that I did. The ICOM R1 has recently been getting favorable reviews from alot of people on the newsgroup. I had one and was extremely disgusted with it for the following reasons:

1. EXTREME intermod.

2. EXTREME front end overload.

3. Cannot really scan. Constantly locks up on images.

4. Based upon performance, the R1 should cost less than $150. It is a rip-off at $500.

I contacted ICOM tech support and they told me that there is nothing they can do. "That is just the way the radio is." That is also just the way the radio was returned! I am an enginner in the computer industry, and if I designed a product that performed as poorly as the ICOM R1, I probably would be out of work.

Bottom line:

The ICOM R1 is a good radio as a small novelty toy (not a scanner!) only if you can pick one up for less than $150. ICOM should simply drop the radio and not introduct the "A" model. You get alot more bang for the buck with a $200 RS or Uniden scanner.

Good Scanning,

-Jim

jim@ttech.com

472. Re: Pro 43 Mod

Newsgroup: rec.radio.scanner
Date: 1994-08-11 01:13:21 UTC
From: norman@cs.toronto.edu
Message-ID: <94Aug10.211255edt.48151@neat.cs.toronto.edu>
Source record: 270602

An easy way to inhibit the Pro-43's power-saving mode: hit the `direct' key. Power-saving mode is invoked only when the scanner is in manual mode, not in direct search mode, even if the scanner isn't actually searching at the time.

I do this often when I want to sit on one frequency, but don't want to miss the first second or two of a transmission (while waiting for the radio to take another sample).

Norman Wilson
University of Toronto
norman@utirc.utoronto.ca

473. Bearcat 855 XLT (any good)

Newsgroup: rec.radio.scanner
Date: 1994-08-11 01:30:22 UTC
From: g9153402@huey.csun.edu
Message-ID: <32buve$ae9@nic-nac.CSU.net>
Source record: 270610

I see an ad for a Bearcow 855 XLT scanner for $160.00?
Is that a decent price? Is it a decent scanner? Should I buy?
Thanks

474. Re: ICOM R1 Warning

Newsgroup: rec.radio.scanner
Date: 1994-08-11 01:38:54 UTC
From: crisp@netcom.com
Message-ID: <crispCuCKKv.DHx@netcom.com>
Source record: 270527

In article <jim-100894164907@jimsmac.ttech.com> jim@ttech.com (Jim Wayda) writes:
>The purpose of this post is an attempt to prevent someone from making the
>same bad mistake that I did. The ICOM R1 has recently been getting
>favorable reviews from alot of people on the newsgroup. I had one and was
>extremely disgusted with it for the following reasons:
>
>
>1. EXTREME intermod.
>
>2. EXTREME front end overload.
>
>3. Cannot really scan. Constantly locks up on images.
>
>4. Based upon performance, the R1 should cost less than $150. It is a
>rip-off at $500.
>
>I contacted ICOM tech support and they told me that there is nothing they
>can do. "That is just the way the radio is." That is also just the way the
>radio was returned! I am an enginner in the computer industry, and if I
>designed a product that performed as poorly as the ICOM R1, I probably
>would be out of work.
>
>Bottom line:
>
>The ICOM R1 is a good radio as a small novelty toy (not a scanner!) only if
>you can pick one up for less than $150. ICOM should simply drop the radio
>and not introduct the "A" model. You get alot more bang for the buck with a
>$200 RS or Uniden scanner.
>

I agree with most of this posting. There is one tid bit that I can add
that has relevance. There was a mod offered by Raycom of England that
added a "roofing" filter (really a bandpass filter) to the 1st IF
of the R1. They sold this mod for a short period in 1991 and it dramatically
improved the performance of the R1 to these annoying problems.

Raycom was not an authorized Icom dealer at the time and later they
became an authorized dealer for the UK. When their status changed
to dealer, they discontinued offering this mod.

I sent my R1 over there in the summer of 91 and for about $120 it
magically re-appeared on my doorstep about 6weeks later with the
mode installed.

About four months ago I sold my R1 to a fellow at Lockheed ehre
in Silicon Valley. I wasn't using it much after I got my Yupiteru MVT7100.

I mention this because there are several persons on the net that have
had this mod performed and perhaps one of them has decided it is time
to part company with their modified R1.

If you can find one of these, you will find it lives up to most of what you
wanted in the R1.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

475. Re: Scan Orlando

Newsgroup: rec.radio.scanner
Date: 1994-08-11 01:51:02 UTC
From: subcontrol@aol.com
Message-ID: <32c066$c7a@search01.news.aol.com>
Source record: 270614

In article <3ca_9408101001@satlink.oau.org>,
Scott.Marks%166@satlink.oau.org (Scott Marks) writes:

SM>>Anyone live, or Scan Orlando Florida area...Scott???

Everyday!!

Jeff
--

476. Re: R7000/7100

Newsgroup: rec.radio.scanner
Date: 1994-08-11 02:04:09 UTC
From: malxndr@aol.com
Message-ID: <32c0up$ce9@search01.news.aol.com>
Source record: 270621

In article <crispCuBrDn.Azr@netcom.com>, crisp@netcom.com (Richard Crisp) writes:

I'm not going to speculate why Icom blocked the entier 800 range but i'll tell you this: If I could buy a unit with 800 continuous, I would do so. Looks likle they're about to cut themselves out of a lot of business!

477. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-08-11 02:25:20 UTC
From: jyuen@netcom.com
Message-ID: <jyuenCuCMq8.4K7@netcom.com>
Source record: 270539

RS: Hi, may I help you?
Me: Yes. Do you have the book, "Now, You're Talking," about Ham radio licensing?
RS: <broken English> Sure, here it is. <hands me over a copy of RADIO! magazine>

Even the employees at the next Radio Shack store about 5 blocks away, who had the book, had a big hearty laugh about that. To top it off, they told me that that salesperson's been working there for over 7 years.

--
II /==\ \\// Joseph S. Yuen | jyuen@netcom.com
II \\ II New York, New York, USA | 73352,202@compuserve.com
LLII \==/ II <Je m'en fous de ce que tu en penses!>

478. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 04:07:27 UTC
From: crisp@netcom.com
Message-ID: <crispCuCrGG.Aqo@netcom.com>
Source record: 270550
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <RWH.266.00604572@CCCS.UMN.EDU> RWH@CCCS.UMN.EDU (Richard Hoffbeck) writes:
>In article <cgwh.63.0008DFDA@chevron.com> cgwh@chevron.com (Curtis Wheeler) writes:
>>From: cgwh@chevron.com (Curtis Wheeler)
>>Subject: Re: New Scanner ban being planned in Congress
>>Date: 10 Aug 94 14:52:24 GMT
>
>>In article <1994Aug9.070228.4375@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel
>>Mode Systems) writes:
>
>>But I see a problem... If we have existing laws that cover these areas, why
>>do we need another one. I can't believe that "the point of this bill is to
>>target folks who"...are already doing something illegal.
>
>My guess is that they want to go after folks who clone their own phones, which
>doesn't seem to be illegal at this time; although, it may violate the small
>print of a service agreement. Cloning someone else's phone seems to be handled
>under the current laws.
>

You are right about the intent. The issue I raise is that due to the
wording of the bill, it does far more than that.
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

479. Wanted 200XLT or Pro 51

Newsgroup: rec.radio.scanner
Date: 1994-08-11 04:49:41 UTC
From: msaran@olympus.net
Message-ID: <32cal5$rrl@olympus.net>
Source record: 270611

I am looking for a friend - please email me.

-thanks
-m
--
Mark Saran
msaran@olympus.net

480. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-11 05:15:39 UTC
From: arm@ccr-p.ida.org
Message-ID: <32cc5r$mca@runner.ccr-p.ida.org>
Source record: 270540
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <CuC827.DE@world.std.com>,
David M Weeks <dweeks@world.std.com> wrote:
>In <crispCuAt3r.309@netcom.com> crisp@netcom.com (Richard Crisp) writes:
> >Wanna guess what comes next?
> >If they fail this time to get the ban they will try a massive media campaign
> >to show the American public how criminals will use scanners to listen to the
> >police to remove the element of surprise and portray hobbyists as perverted
> >voyeurs etc with no socially redeeming values.
>
>In contrast with much of what has been (and probably will be)
>written on this subject, this statement seems to me to have some
>objective value, because it makes a factual prediction about
>something that can be observed and verified by anyone. If it
>turns out to be correct, the associated "disarm-the-public"
>hypothesis will be supported, and if not the theory will need to
>be revised.

How many more data points do you need? Recent history is full of examples
of erosion of our liberties in violation of the 9th and 10th Amendments in
the Bill of Rights. Do you even know what these two amendments say?
Scanner groups: welcome to the slippery slope...

Ray

481. Wanted Pro-51 or 200XLT

Newsgroup: rec.radio.scanner
Date: 1994-08-11 05:17:51 UTC
From: msaran@olympus.net
Message-ID: <32cc9v$sb8@olympus.net>
Source record: 270616

Looking for Uniden 200XLT or a RS Pro-51 - please email

-thanks
-m
--
Mark Saran
msaran@olympus.net

482. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 05:37:03 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Aug10.213704.4388@cmkrnl>
Source record: 270528
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <s1EIkiubGc4M066yn@access.digex.net>, domonkos@access.digex.net (Andy Domonkos) writes:

> In article <1994Aug9.070228.4375@cmkrnl>, Jamie Hanrahan, Ker wrote:
>>
>> I don't see a problem. The first few words say "knowingly AND with intent to
>> defraud". Sure, I possess a scanning receiver, but not with "intent to
>> defraud" anybody. Similarly, Optoelectronics produces hardware and software
>> that modifies scanning receivers -- but not so that they can be used to
>> "obtain unauthorized access to telecom services".
>>
>> The point of this bill is to target the folks who, from a car next to yours,
>> use a scanner to pick up the NAM and other codes from your cellphone, program
>> their own or someone else's cellphone to mimic yours, and make calls on your
>> tab.
>>
>> I agree that there's no need for a specific law here, existing laws against
>> wire fraud cover it just fine, but I don't see an "evil freedom-grabbing
>> scanner ban" here either.
>>
>> --- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
>> Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055
>
> Then why doesn't the government prevent the sales of such defrauding tools?
> Big-business, that's why. It's when one big business out-lobbies another
> these days they get a biased law passed.

Did you read the text of the bill that was posted? Or just the stuff you quoted above?

To repeat, it says

> "(6) knowingly and with intent to defraud uses, produces, traffics in, has
> control or custody of, or possesses (i) a scanning receiver or (ii)
> hardware or software used for altering or modifying telecommunications
> instruments to obtain unauthorized access to telecommunications services."

...and so is obviously intended to do exactly that: Prevent the sales ("traffics in"), as well as use, etc., of such tools.

I'd also like to get a legal interpretation of the "grouping". It looks to me as though it says

> { (i) a scanning receiver or (ii) hardware or software }
> used for altering or modifying telecommunications
> instruments to obtain unauthorized access to telecommunications services."

in other words, scanning receivers are only subject to restriction here if they're "used for altering... to obtain unauthorized access to telecom. services."

And, no, "access to services" does not mean listening.

Hey, you want to really stir things up? Convince the NRA that scanners are a good thing, essential for home defense, etc.

(No, I'm not an NRA member.)

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

483. newspaper journalist needs input

Newsgroup: rec.radio.scanner
Date: 1994-08-11 05:49:06 UTC
From: pmulivor@eckert.acadcomp.monroecc.edu
Message-ID: <00982C43.0A56A060.1@eckert.acadcomp.monroecc.edu>
Source record: 270546

hi, i'm philip mulivor, a newspaper reporter in rochester, ny. once again i find myself writing about cellular telephone privacy (or lack thereof), and i need input from some serious, knowledgeable hobbyists on the following:

1. can people still buy new scanners that can be modified to receive cell phone frequencies? which units, if any, are easily modifiable and good performers?

2. where do scanner listeners obtain modification documentation?

3. what's the prevalent attitude among hobbyists with respect to cellular monitoring ?

thanks for your input. this group has helped me tremendously with past articles and i appreciate it.

phil mulivor
pmulivor@eckert.acadcomp.monroecc.edu
or FAX: 716-256-2222

484. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 05:50:15 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Aug10.215015.4389@cmkrnl>
Source record: 270529
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <crispCuAuDB.7xt@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
> In article <1994Aug9.070228.4375@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>>In article <crispCu8C7t.5sp@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
>>> SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
>>> INSTRUMENTS.
>>
>>I don't see a problem. The first few words say "knowingly AND with intent to
>>defraud". Sure, I possess a scanning receiver, but not with "intent to
>>defraud" anybody. Similarly, Optoelectronics produces hardware and software
>>that modifies scanning receivers -- but not so that they can be used to
>>"obtain unauthorized access to telecom services".
>>
>>The point of this bill is to target the folks who, from a car next to yours,
>>use a scanner to pick up the NAM and other codes from your cellphone, program
>>their own or someone else's cellphone to mimic yours, and make calls on your
>>tab.
>>
>>I agree that there's no need for a specific law here, existing laws against
>>wire fraud cover it just fine, but I don't see an "evil freedom-grabbing
>>scanner ban" here either.
>
> Don't be so naive: Remember when the RICO laws were passed to give the
> Feds teeth to go after the Mafia? (RICO= Racketeer Influenced Corrupt
> Organizations) Well in recent years overly zealous federal prosecutors
> have used it against a myriad of things other than Mafia dons.

Funny you should bring this up. There are actually a myriad of laws that can be used to "hassle the unliked"; RICO is just one of them. This one has some potential for this, granted, but it's such a minor part of it that I don't see what you're so upset about. Why not spend the energy arguing for repeal, or at least revision, of the laws that *are* being abused in this way?

> Bottom line: if you possess a device that could be used to "knowingly
> with intent to defraud" access telecommunications services in an
> unauthorized manner, a prosecutor will assert that this is your intention
> be it or not if he so desires.
>
> You will have to defend yourself at a great cost to you in terms of time money
> and perhaps a lost job (since you are in jail and or court).

If they're that sufficiently out to get me, or you, or anyone else, the existence or non-existence of this bill is hardly

> This is a very ambiguous wording in this statute, just the kind of thing
> that prosecutors love to have in their arsenal.

Perhaps we learned English on different planets? It doesn't look at all
ambiguous to me. Notice especially the section title:

>>> SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
>>> INSTRUMENTS.

Owning a scanner that's sold across the counter at Radio Shack does not
constitute "fraudulent alteration", nor is it a "commercial mobile radio
instrument".

I also notice that this section of the bill is just a revision to existing law.
We'd need to see section 1029 of Title 18 to know what the real effect is.

> If you were to listen to the VHF marine operator, you would be
> "accessing telecommunications services".

Nonsense. To "access a service" means to use it, not observe someone else
using it.

> All it would take is for one person to decide to target you, and your
> ass is grass!

Again, that's true today.

> This must be stopped!

Try to acquire a sense of proportion. As "laws that restrict freedom" go,
this one is a drop in the bucket.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

485. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 05:51:34 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Aug10.215134.4390@cmkrnl>
Source record: 270530
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

Oops, forgot to answer one part:

In article <crispCuAuDB.7xt@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
> If you were to listen to the VHF marine operator, you would be
> "accessing telecommunications services".

Nonsense.

> Since you are not an
> active participant in the conversation, you are "unauthorized".
> Since you "could" gain access to information that could be used
> in a fraudulent act (such as getting a credit card number if someone
> gives one out over the phone, for example), you could easily
> be charged with "knowingly with intent to defraud access a telecommunications
> service in an unauthorized manner".

That's true today.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

486. Re: TV licensing??? (was Re: Detect detector?)

Newsgroup: rec.radio.scanner
Date: 1994-08-11 06:53:04 UTC
From: scrooge@moneybin.equinox.gen.nz
Message-ID: <67PVqc6w165w@moneybin.equinox.gen.nz>
Source record: 270519

linley@netcom.com (Bruce James Robert Linley) writes:

> >The same way the British find unlicenced TV's.. [...]
>
> The Brits require you to license your TV? What's the reasoning behind this?
>
It is the same in New Zealand. Something like US$15 every three months.
Charge it to your Visa card and pay 16.5% interest on that!
They use the cash to pay for television and radio programming that is not
commercially viable. Radio stations, TV programmes, lots of minority stuff
and generally things that no-one wants on air anyway get funding. Everything
must be produced in New Zealand, and I think reflect New Zealand life. It
is all stuff that no-one overseas would pay cash for, but a few beaurecrats
think we should see. They call it New Zealand on Air.

Glenn.

Glenn Murphy. +64 3 3811862. Christchurch 8006
New Zealand.
---

487. Bay Area Calstar/Lifeflight

Newsgroup: rec.radio.scanner
Date: 1994-08-11 07:03:52 UTC
From: HARRY ROBERTSON <gascan@delphi.com>
Message-ID: <5AzREII.gascan@delphi.com>
Source record: 270548

Recently there was some posting of freqs for the medevac choppers in the Santa Clara County area. I used the ones posted and only got pagers and other traffic. When using channel when using the ambulance to hospital freqs it seems ok, but when they are talking on a ring down to the hospital or vmc I only get one side always the hospital.

Harry Robertson
74266.3073@compuserve.com
Gascan@delphi.com

Orchides forum trahite cordes et mentes veniant.

488. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-08-11 07:50:01 UTC
From: dctrhappy@aol.com
Message-ID: <32cl79$if7@search01.news.aol.com>
Source record: 270560

In article <jyuenCuCMq8.4K7@netcom.com>, jyuen@netcom.com (Joseph S. Yuen) writes:

:RS: Hi, may I help you?
:Me: Yes. Do you have the book, "Now, You're Talking," about Ham radio licensing?
:RS: <broken English> Sure, here it is. <hands me over a copy of RADIO! magazine>

-My brush with Radio Shack cerebral deficits:

I was trying to buy an adapter so that I could listen to two stereo headphones out of one jack. (A simple request, no?) However, this prodigy Radio Shack flunkie kept trying to hand me this certain adapter that only was wired for MONO. He could not understand why this wasn't what I wanted even after five minutes of explanation. When you have to explain a stereo signal to an employee at Radio Schlock, it's time to leave.... BYE!

This was at the Radio Shack in Crossroads Mall in Boulder, CO. -stay away!

489. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 10:55:24 UTC
From: vhealey@crl.com
Message-ID: <32d02s$98j@crl2.crl.com>
Source record: 270542
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <crispCuAuDB.7xt@netcom.com>,
Richard Crisp <crisp@netcom.com> wrote:
>In article <1994Aug9.070228.4375@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>>In article <crispCu8C7t.5sp@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
>>> SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
>>> INSTRUMENTS.
>>
>>I don't see a problem. The first few words say "knowingly AND with intent to
>>defraud". Sure, I possess a scanning receiver, but not with "intent to
>>defraud" anybody. Similarly, Optoelectronics produces hardware and software
>>that modifies scanning receivers -- but not so that they can be used to
>>"obtain unauthorized access to telecom services".
>>
>>The point of this bill is to target the folks who, from a car next to yours,
>>use a scanner to pick up the NAM and other codes from your cellphone, program
>>their own or someone else's cellphone to mimic yours, and make calls on your
>>tab.
>>
>>I agree that there's no need for a specific law here, existing laws against
>>wire fraud cover it just fine, but I don't see an "evil freedom-grabbing
>>scanner ban" here either.
>
>Don't be so naive: Remember when the RICO laws were passed to give the
>Feds teeth to go after the Mafia? (RICO= Racketeer Influenced Corrupt
>Organizations) Well in recent years overly zealous federal prosecutors
>have used it against a myriad of things other than Mafia dons.
>
>Bottom line: if you possess a device that could be used to "knowingly
>with intent to defraud" access telecommunications services in an
>unauthorized manner, a prosecutor will assert that this is your intention
>be it or not if he so desires.
>
>You will have to defend yourself at a great cost to you in terms of time money
>and perhaps a lost job (since you are in jail and or court).
>
>This is a very ambiguous wording in this statute, just the kind of thing
>that prosecutors love to have in their arsenal.
>
>If you were to listen to the VHF marine operator, you would be
>"accessing telecommunications services". Since you are not an
>active participant in the conversation, you are "unauthorized".
>Since you "could" gain access to information that could be used

>in a fraudulent act (such as getting a credit card number if someone
>gives one out over the phone, for example), you could easily
>be charged with "knowingly with intent to defraud access a telecommunications
>service in an unauthorized manner".
>
>All it would take is for one person to decide to target you, and your
>ass is grass! If there were a couple of convictions that stuck, it
>will be a simple extension to have the FCC declare that all scanning
>receivers are intended to enable people to use them in a manner to fraudulently
>gain access to telecommunications services and therefore by a simple
>amendment to their rules (they are empowered to do this btw), refuse
>to type certify all scanning receivers.
>
>This must be stopped!
>
>--
>Richard Crisp Cupertino, Ca. crisp@netcom.com
>(415) 903-3832 wk (408) 253 4541 fax
> For PGP Public Key, type finger crisp@netcom.com
>"It is a good thing that we do not get as much government as we pay for"
> -Will Rogers

Richard Crisp you are a fruit cake trying to stir up hatred just
like Rush Limbaugh and Pat Robertson. Previous posts by others show the
intent of the law as proposed and I understand it is after those who
would seek technical info from the data stream to reprogram another
phone. This is obviously a crime as it intends to harm another.

If the existing government was so powerful and full of hatred to
its citizens it would have long ago destroyed Rush Limbaugh and Pat
Robertson for all the evil things they say about those who are charged
with governing the people. I see no effort on the existing governments
part to act against these folks so why would it single out little JOe Q.
Citzen for some special treatment? Only a werid paranoid person would
worry about something like this. Paranodia is a recognized mental illness
in medical circles. Get treatment soon for your own benefit.

v_healey@ix.netcom.com

490. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 11:16:41 UTC
From: jdgan@freenet3.scri.fsu.edu
Message-ID: <32d1ap$31e@freenet3.scri.fsu.edu>
Source record: 270543
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

Mark Anderson (marka@clark.net) wrote:
: In article <crispCu8C7t.5sp@netcom.com>,
: Richard Crisp <crisp@netcom.com> wrote:
: > SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
: >INSTRUMENTS.
: > (a) Section 1029(a) of title 18 is amended by striking the word
: >"or" at the end of subparagraph (3) and adding the following new
: >subparagraphs:
: >
: >"(6) knowingly and with intent to defraud uses, produces, traffics in, has
: >control or custody of, or possesses (i) a scanning receiver or (ii)
: >hardware or software used for altering or modifying telecommunications
: >instruments to obtain unauthorized access to telecommunications services."
: >
: >Notice how this outlaws cellular capable scanners: now mere possession
: >is outlawed if this silly bill makes it into law.

: I also noticed the phrase "knowingly and with the intent to defraud".

: Hell, it is illegal in California to possesses Vice Grips if your intent
: is to use them in breaking and entering.

: mark
>>>Same in FL. Athief caught with a screwdriver is "posessing burglary
tools".....It all comes down to the context of each indivdual
situation!

491. Re: AR1000 tuning knob flaky?

Newsgroup: rec.radio.scanner
Date: 1994-08-11 11:53:48 UTC
From: mjh@stekt7.oulu.fi
Message-ID: <MJH.94Aug11145348@stekt7.oulu.fi>
Source record: 270544

In article <32b9fl$8ti@nda.nda.com> joe@avs.com (Joe Peterson) writes:
> The AR1000XLT has a small knob on top that tunes up or down by the
> current freq. increment. I've noticed that sometimes when it
> "clicks" around the freq. does not change. Is this something
> others have noticed? It's almost like the switch motion "misses"
> sometimes (I assume the mechanical click causes a signal pulse
> somewhat like a computer mouse...).

Yes, I've noticed that too (mine isn't actually an AR1000XLT, but a Fairmate HP-2000, which is the same radio). Turning the knob should also stop searching or scanning, but sometimes you have to turn it more than once or twice to get it to stop. But it eventually works, and the knob has never given me any bigger trouble so far.

Mauri

492. Re: 900 MHz spread spectrum systems

Newsgroup: rec.radio.scanner
Date: 1994-08-11 12:23:42 UTC
From: jwa@tellabs.com
Message-ID: <1994Aug11.122342.8680@tellab5.tellabs.com>
Source record: 270495
Cross-posted to: sci.crypt,rec.radio.amateur.digital.misc,rec.radio.scanner

In article <325vel$3ua@newshost.lanl.gov> wolf@beta.lanl.gov (David R. Wolf) writes:
>lately i've become interested in the level of security actually provided by
>the 900 mhz spread spectrum phones. for instance, could a hacker with a
>pc and a smattering of outboard hardware have a good chance of decoding one's
>900MHz phone calls?

According to the AT&T owners manual, The security code changes
automaticly when the phone goes off hook. I think this would make
it diffult to crack the code!

Jack Albert WA9FVP (Fellow Radio Hacker)
Tellabs Operations Inc.
1000 Remington Blvd Voice (708) 378-6201
Bolingbrook, IL 60440 FAX (708) 378-6721

"I'm normal, I'm normal, I'm normal"!

From MTV's Liquid Television

493. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-11 12:33:21 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <32d5qh$4to@umcc.umcc.umich.edu>
Source record: 270571
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

I guess I'd remove my head from between your legs then Dave. If you don't believe whats happening in this country I guess your head must not be on your shoulders. It happens to have a lot to do with scanners, and the fact that we are losing spectrum to listen to is appauling....L.B.

494. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 12:40:18 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <32d67i$55t@umcc.umcc.umich.edu>
Source record: 270572
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

V_healy paranoia is just what the ignorant thought during the rise of Nazi power in Germany.Kick back, relax don't complain and throw out all your right. It's all the sheep in the world that make it easy pickins for the power mongers. Scan, while you can......LB

495. Re: FCC MICROFICHE DB

Newsgroup: rec.radio.scanner
Date: 1994-08-11 13:03:23 UTC
From: af546@yfn.ysu.edu
Message-ID: <32d7ir$8ck@news.ysu.edu>
Source record: 270549

Try Interactive Systems, Inc. the FCC authorized provider that updates nightly (703)812-8270 ......We have been using their data acess for years. They offer both dial up direct to Arlington, Va or a 1-800 access.

We dial up on the (703) line that they offer at 18.00 and hour (oops) that's $18.00 per hour.

Their services are w extensive to include SQL , Frequency "watch bdog" for those wanting to know if someone is appling for a license on a given frequency or sercvice.

Also site location, contour and area of operation maps available for the more serious user.

Sorry for the misspelled data. Using laptop in crowded environment.

--

496. Re: AR-8000 Reviewed Her

Newsgroup: rec.radio.scanner
Date: 1994-08-11 13:10:47 UTC
From: Mike Baranowski <mbaranowski@sbctri.sbc.com>
Message-ID: <32d80n$d7g@sbctri.sbc.com>
Source record: 270490

> Subject: Re: AR-8000 Reviewed Her

Well, I am still getting familiar with my AR-8000. So far, it looks like
a winner!
Functionally, the unit is VERY VERY feature reach. As far as sensitiviy
goes, it
is not as sensitive as a Yupi. In some cases, I have found the Pro-43 a
little
more sensitive that the 8000. So, it ain't no Yupi-killer! The Yupi is
still the
king of sensitivity.

-Mike

497. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 13:31:38 UTC
From: crisp@netcom.com
Message-ID: <crispCuDHKq.FJ0@netcom.com>
Source record: 270553
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <32d02s$98j@crl2.crl.com> vhealey@crl.com (Victor Healey) writes:
>In article <crispCuAuDB.7xt@netcom.com>,
>Richard Crisp <crisp@netcom.com> wrote:
>>In article <1994Aug9.070228.4375@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>>>In article <crispCu8C7t.5sp@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
>
> Richard Crisp you are a fruit cake trying to stir up hatred just
>like Rush Limbaugh and Pat Robertson. Previous posts by others show the
>intent of the law as proposed and I understand it is after those who
>would seek technical info from the data stream to reprogram another
>phone. This is obviously a crime as it intends to harm another.
>

If that were the case, then we should demand that the law be extremely
narrowly worded to cover exactly what you described with no applicability
to anything else.

Unfortunately it is very ambiguously worded and could be made to apply
to many different acts.

The intent of the law is not what is important when it comes to a prosecution,
what matters is the WORD of the law.

Those that resort to personal attacks have shown us that they have nothing
of substance to say.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

498. Where to get keps

Newsgroup: rec.radio.scanner
Date: 1994-08-11 13:47:14 UTC
From: jthomas@hookup.net
Message-ID: <jthomas.13.0015F504@hookup.net>
Source record: 270479

Is there anywhere on the internet where I may download the keps for some of the satelites out there?

499. Freedom

Newsgroup: rec.radio.scanner
Date: 1994-08-11 14:14:41 UTC
From: domonkos@access.digex.net
Message-ID: <StYIkiubGQcC066yn@access.digex.net>
Source record: 270566

The following was e-mail directed to me regarding a post in re.radio.shortwave questioning scanner rights as a justifiable freedom. Comments please, and don't hesitate to post e-mail to the author (not me). Some people have a convaluted lack of understanding of what freedom is...

> I am very much a shortwave enthusiast, and I can see valid reasons for being
> concerned about the bill under discussion, and about others of similar sorts
> too. But I also hold to my earlier position...that freedom is not just the
> license of each person to do whatever he/she wishes, whenever and wherever the
> whim strikes. Your note--in which you made some good points, BTW--repeats the
> flat assertion that "basic rights" are being taken away. I'm still wondering--
> what are those basic rights, and how do we know they are (a) basic and
> (b) rights?

> Constructively yours--

> Michael Johnston

> MJOHNSTON@CENTER.COLGATE.EDU

500. Re: Text of new digital communications protection act

Newsgroup: rec.radio.scanner
Date: 1994-08-11 14:14:55 UTC
From: domonkos@access.digex.net
Message-ID: <1$YIkiubGoD6066yn@access.digex.net>
Source record: 270567
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <1994Aug10.190452.2763@hnrc.tufts.edu>, Jerry Dallal wrote:
>
> Sure. The new food labeling law. It's cost industry 1.6 billion and many are
> hopping mad about it.

Yes, but has new branch of govt been created? Are there new/redirected
govt employees on the payroll? (See where I'm heading?)

Andy

501. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 14:15:02 UTC
From: domonkos@access.digex.net
Message-ID: <$DZIkiubGILA066yn@access.digex.net>
Source record: 270568
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <cgwh.63.0008DFDA@chevron.com>, Curtis Wheeler wrote:
> target folks who"...are already doing something illegal.
>
> There is a dangerous aspect to this that some may be overlooking. I have seen
> a couple of postings that defend this proposal because of the phrase "to
> obtain unauthorized access to telecommunications services." What exactly
> does this mean? It may sound well intended - but later when someone is
> fighting charges what will the courts say??? Is simple listening to
> signals going to be considered "unauthorized access"?
>
> Be careful when you defend a proposal for a redundant law. This has the
> potential to bring broader restrictions.
>
>
>
> Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
> KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

Under the new crime bill, there are 20 more crimes punishable by the
death penalty, hope cell scanning isn't one of them :-)

Andy

502. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 14:15:10 UTC
From: domonkos@access.digex.net
Message-ID: <4GZIkiubGEYP066yn@access.digex.net>
Source record: 270569
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <32d02s$98j@crl2.crl.com>, Victor Healey wrote:
>
> If the existing government was so powerful and full of hatred to
> its citizens it would have long ago destroyed Rush Limbaugh and Pat
> Robertson for all the evil things they say about those who are charged
> with governing the people. I see no effort on the existing governments
> part to act against these folks so why would it single out little JOe Q.
> Citzen for some special treatment? Only a werid paranoid person would
> worry about something like this. Paranodia is a recognized mental illness
> in medical circles. Get treatment soon for your own benefit.
>
> v_healey@ix.netcom.com
>

The govt will allow these folks to exercise their freedom of speech rights.
The perceived attitude, after all, is what are they going to do about it?
Let'em comlpain, so what, what will the people do? What have the people
done? Nothing, zero, zilch. No need to destory these folks (how'd Pat Robertson
wind up in their?).

Andy

503. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-11 14:15:17 UTC
From: domonkos@access.digex.net
Message-ID: <MiZIkiubGATH066yn@access.digex.net>
Source record: 270557
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <1994Aug10.153645.23284@mixcom.mixcom.com>, kevin jessup wrote:
>
> I must agree. We are slowly being disarmed, and it's not just handguns
> I am talking about.
>
> The citizens of the United States are giving up more and more freedoms,
> a little bit at a time. We are too lazy, don't care or just too damned
> stupid! We want big brother to take care of us and do not want to be
> responsible for our own actions (education, employment, health care, defense,
> raising our children, u-pick-the-topic!)
>
> How long before we are the Socialist States of America? On a scale starting
> with time zero being 1776 and 100 being socialism, where do you put us
> now? Fifty years from now?
>
> Any guesses on how long before a civil war results?
> ^^
>
> --
> /`-_ kevin.jessup@mixcom.com | The US Constitution defines the
> { }/ Marquette Electronics, Inc | "rights" the people give to the
> \ / Milwaukee, Wisconsin, USA | government, not the reverse!
> |__*| N9SQB, ARRL, Amateur Radio |

Considering how well manipulated the media is and how disorganized and
non-unified the people are, probably never. The most the average citizen
is worried about is having enough beer in the fridge and is the ball
game on tonight? (I'm having a can of Molson's Golden while writing this,
I'm not picking on a group).

Andy

504. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-11 14:15:24 UTC
From: domonkos@access.digex.net
Message-ID: <8mZIkiubGIxT066yn@access.digex.net>
Source record: 270558
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <32b3lm$na1@dns1.NMSU.Edu>, Miguel Lee Baron wrote:

>
> It is an old tale that the Soviet Union has always been evolving toward
> Democracy, and the United States has been evolving toward Socialism...Yep!
> you guessed it, the Soviet Union just folded....ergo....:)

Carl Marx said it...

>
> : Any guesses on how long before a civil war results?
>
> well, the aliens will be here to consume us soon so no worries! :)
> --
> ^----^ "Imagination is more important than knowledge."
> /}V V{\ -A. Einstein
> \ .oo. / /\ /\/\Baron@nmsu.edu , Alien
> [____] \ \ _____________

Welcome to the New World Order, man that gives me chills...

Andy

505. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-11 14:15:34 UTC
From: domonkos@access.digex.net
Message-ID: <wnZIkiubGM20066yn@access.digex.net>
Source record: 270559
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <32b9cd$q3@news.u.washington.edu>, David W. Barts wrote:
>
> Please take this thread to another newsgroup. If I had want to
> read the whinings of clueless reactionaries, I'd have subscribed
> to alt.fan.rush-limbaugh or some other such newsgroup instead
> of rec.radio.shortwave.
>
> Thank you.
>
> --
> David Barts N5JRN UW Civil Engineering, FX-10
> davidb@ce.washington.edu Seattle, WA 98195
> 1921 GMT T: 70 F wind: WNW 9 gust 12 mph P: 1017 mbar

I think this thread is very applicable here, just ignore it or use a kill
file to block it....

506. Re: R7000/7100

Newsgroup: rec.radio.scanner
Date: 1994-08-11 14:15:44 UTC
From: domonkos@access.digex.net
Message-ID: <4uZIkiubGgll066yn@access.digex.net>
Source record: 270570

In article <32c0up$ce9@search01.news.aol.com>, Malxndr wrote:
> In article <crispCuBrDn.Azr@netcom.com>, crisp@netcom.com (Richard Crisp)
> writes:
>
> I'm not going to speculate why Icom blocked the entier 800 range but i'll
> tell you this: If I could buy a unit with 800 continuous, I would do so.
> Looks likle they're about to cut themselves out of a lot of business!
>
Not really, not if the govt buys their stock in large quantities.

Andy

507. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-08-11 14:34:44 UTC
From: ericr@vcd.hp.com
Message-ID: <CuDKHw.3r6@vcd.hp.com>
Source record: 270499

Oh what the heck, I can't resist after my experience last night. The manager claimed that the PRO-51 was better than the PRO-43. Faster scanning, better receiver. When I tried to counter his claim, there was no attempt to even see if I might be right. I quickly dropped the effort.

--
Eric Ross, WB7SDE | Hewlett-Packard Company, VPR
ericr@vcd.hp.com | Vancouver, WA, USA

508. Silent Play

Newsgroup: rec.radio.scanner
Date: 1994-08-11 14:55:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <f24_9408111019@blkcat.fidonet.org>
Source record: 270565

Has anyone had any success with increasing the range of the
Silent Play unit? My unit works quite well but its range is
quite limited.

Fidonet: Tom Eagan 1:109/239
Internet: Tom.Eagan@f239.n109.z1.fidonet.org

509. 928mhz radio station???

Newsgroup: rec.radio.scanner
Date: 1994-08-11 15:40:57 UTC
From: justin@sequent.com
Message-ID: <1994Aug11.154057.11399@sequent.com>
Source record: 270521

I was talking to my friend (RIGHT!) and he said he heard music being played on 928.937.5 mhz. What does this freq. mean? Why is it so high?? He said (RIGHT!!!) that he listened for a little while (like two songs) and they didn't play any station ID's... He says it was LIGHT music...(elevator music describes it best...) I don't know what in the hell it is, I would like to find out though. If you have ANY ideas please reply via post/email....

I thought that is may be a business on hold music (but WHY over the radio waves???)...

Thanks,
Justin
---
justin@sequent.com - Sequent has NOTHING to do with this post!

510. Frequency Ranges

Newsgroup: rec.radio.scanner
Date: 1994-08-11 16:03:00 UTC
From: jeffrey.astrachan@cccbbs.cincinnati.oh.us
Message-ID: <2267.573.uupcb@cccbbs.cincinnati.oh.us>
Source record: 270485

Could someone please post:

1) General ranges for scanning (and what is usually heard there);

2) Any interesting frequencies for the Cincinnati, OH listening area.

Thank you,

Jeff

511. Re: rs2004 problem

Newsgroup: rec.radio.scanner
Date: 1994-08-11 16:05:29 UTC
From: hruska@bnr.ca
Message-ID: <1994Aug11.160529.6134@brtph560.bnr.ca>
Source record: 270573

In article <32471q$sap@search01.news.aol.com> andrewj514@aol.com (AndrewJ514) writes:
>
>i have a problem with my RS 2004. i have to replace the 9 volt battery
>every two weeks; it seems to drain the battery very fast. when i sometimes
>turn the radio on, the display is blank until i insert another 9 v
>battery.
>
>does anyone else have this problem?

I do not have the problem, but it I have a suggestion. There is a section
in Bill Cheek's Scanner Mod. Handbook II about a high performance voltage
regulator in the PRO200x that could be the culpret. If it is going bad it
will use a lot more current from the battery, and you'll see it's life cycle
go way down.

Should be an easy fix if you have the book and the schematics.

--
+------------------------------+---+
| Bob Hruska KE4KVQ DoD #1982 | email: hruska@bnr.ca |
| BNR Inc. RTP North Carolina |USmail: 35 Davis Drive RTP, NC 27709 |
+------------------------------+---+

512. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 16:43:59 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.268.0442ED1A@CCCS.UMN.EDU>
Source record: 270562
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <crispCuCrGG.Aqo@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>From: crisp@netcom.com (Richard Crisp)
>Subject: Re: New Scanner ban being planned in Congress
>Date: Thu, 11 Aug 1994 04:07:27 GMT

>In article <RWH.266.00604572@CCCS.UMN.EDU> RWH@CCCS.UMN.EDU (Richard Hoffbeck)
>writes:
>>
>>My guess is that they want to go after folks who clone their own phones, which
>>doesn't seem to be illegal at this time; although, it may violate the small
>>print of a service agreement. Cloning someone else's phone seems to be handled
>>under the current laws.
>>

>You are right about the intent. The issue I raise is that due to the
>wording of the bill, it does far more than that.

After rereading the actual bill, it seems that they are also setting up the possibility that simply owning certain combinations of equipment may become illegal, i.e. possession implies intent -- Why would you own a scanner, soundblaster card and E-PROM burner unless you were planning to clone as cellphone? The burglar tools of the '90s :-(

It is also interesting that a 'scanning reciever' no longer needs to scan multiple frequencies to be a scanner. So much for the Opto Interceptor units.

In any event, I agree that this is something that needs a couple of letters; however, given that EFF, et al have come out in favor of this bill because of the limitations placed on wiretaps, etc. I don't know that there's much chance of killing it. And unfortunately, I suspect that the sections we have been discussing are too esoteric for my Congress Critters to understand; afterall, isn't fraud a bad thing :-(

--rick

+---+
| Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
| Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |
| Cancer Screening Trial voice: (612) 627-4151 |
| University of Minnesota fax: (612) 627-4158 |
| 212 Ontario St SE, Suite 202 |
| Minneapolis, MN 55414 |
+---+

513. Re: newspaper journalist needs input

Newsgroup: rec.radio.scanner
Date: 1994-08-11 16:57:20 UTC
From: kjn@netcom.com
Message-ID: <kjnCuDr3K.FC3@netcom.com>
Source record: 270481

pmulivor@eckert.acadcomp.monroecc.edu wrote:
: hi, i'm philip mulivor, a newspaper reporter in rochester, ny. once again i
: find myself writing about cellular telephone privacy (or lack thereof), and i
: need input from some serious, knowledgeable hobbyists on the following:

Is this a "sting" operation from Friendly Charming but Confused (FCC)...
:)

--
Ken Navarre
kjn@netcom.com

514. Re: Automobile computers and scanners

Newsgroup: rec.radio.scanner
Date: 1994-08-11 17:05:32 UTC
From: hammock@kelvin.jpl.nasa.gov
Message-ID: <32dlos$rhm@lo-fan.jpl.nasa.gov>
Source record: 270504

In article <mike_diaz-100894162840@m42013.esl.com> mike_diaz@smtp.esl.com (Mike Diaz) writes:
>>
>> On last night's edition of Auto Week on public TV, the host
>> warned about user-installed electronics interfering with the
>> microprocessors which now control automobile engines. He said
>> that improper installation could cause the engine to malfunction
>> and used CB radio as an example of a potential problem. Is any
>> one familiar with this type of interference? Was the host over-
>> stating the case?

If a radio that had an output of greater than 5 watts was installed in a pre-1993 Toyota Camry, keying the radio would fry the computer which cost $1200 to replace as this use of the radio was a warranty vilation.

My 1991 Ford Ranger slows down a couple of MPH when using the the cruise control and I keyup with 35 watts on 440 frequencies. Ford just warns about using more than 5 watts in the cab but no mention about externally mounted antennas.

There has been must discussion in rec.amateur.radio on the subject.

Randy
hammock@kelvin.jpl.nasa.gov

515. Re: AR1000 tuning knob flaky?

Newsgroup: rec.radio.scanner
Date: 1994-08-11 17:40:16 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-110894104227@earl.llnl.gov>
Source record: 270484

In article <32b9fl$8ti@nda.nda.com>, joe@avs.com (Joe Peterson) wrote:
>
> The AR1000XLT has a small knob on top that tunes up or down by the
> current freq. increment. I've noticed that sometimes when it
> "clicks" around the freq. does not change. Is this something
> others have noticed? It's almost like the switch motion "misses"
> sometimes (I assume the mechanical click causes a signal pulse
> somewhat like a computer mouse...).
>

I have seen this problem in the AR3000.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

516. Re: ICOM R1 Warning

Newsgroup: rec.radio.scanner
Date: 1994-08-11 17:45:12 UTC
From: lgreco@westnet.westnet.com
Message-ID: <32do38$d2c@westnet.westnet.com>
Source record: 270541

Jim Wayda (jim@ttech.com) wrote:
: The purpose of this post is an attempt to prevent someone from making the
: same bad mistake that I did. The ICOM R1 has recently been getting
: favorable reviews from alot of people on the newsgroup. I had one and was
: extremely disgusted with it for the following reasons:

: 1. EXTREME intermod.

: 2. EXTREME front end overload.

: 3. Cannot really scan. Constantly locks up on images.

: 4. Based upon performance, the R1 should cost less than $150. It is a
: rip-off at $500.

: I contacted ICOM tech support and they told me that there is nothing they
: can do. "That is just the way the radio is." That is also just the way the
: radio was returned! I am an enginner in the computer industry, and if I
: designed a product that performed as poorly as the ICOM R1, I probably
: would be out of work.

: Bottom line:

: The ICOM R1 is a good radio as a small novelty toy (not a scanner!) only if
: you can pick one up for less than $150. ICOM should simply drop the radio
: and not introduct the "A" model. You get alot more bang for the buck with a
: $200 RS or Uniden scanner.

: Good Scanning,

: -Jim

: jim@ttech.com

Jim,
I agree that the R1 is very susceptible to IMD and overload, because
ICOM had to cut corners with repect to front end filtering to get a wide
band radio in a small case. It is extremely sensitive, however. I've had
marginal problems with mine, nothing that an attenuator can't fix. It's a
nice radio if you're not in a high RF environment. I was able to listen
to the BBC on 5975 kHz with an attenuator and the RS scanner antenna in
a high RF region with good results (In Colorado).

Luigi

517. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 18:25:02 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Aug11.182502.29899@rsd.dl.nec.com>
Source record: 270492
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <crispCuAuDB.7xt@netcom.com>, crisp@netcom.com (Richard Crisp) writes:

|> Bottom line: if you possess a device that could be used to "knowingly
|> with intent to defraud" access telecommunications services in an
|> unauthorized manner, a prosecutor will assert that this is your intention
|> be it or not if he so desires.

The way I read the proposed law all computer modems would become illegal
too. These catchall laws are bogus from the getgo since the intent of
the law is vague so the courts have to decide what they mean. I agree
with Richard, this must be stopped.

==========
Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

In the absence of leadership, we have decided to follow ourselves.

518. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-11 18:31:08 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Aug11.103108.4406@cmkrnl>
Source record: 270552
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

> : >Well we are all in the pot and IT IS NEARLY TOO LATE MY FRIENDS.....

Why don't you all take this to alt.conspiracies ???

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

519. freqs wanted for Reno air races

Newsgroup: rec.radio.scanner
Date: 1994-08-11 18:40:00 UTC
From: rfh@netcom.com
Message-ID: <rfhCuDvup.K76@netcom.com>
Source record: 270379

Does anyone have the frequencies used at Reno for the National Air Races?

Thanks in advance.

--
~ bob (Bob Hutson)
==========
bab@swdc.stratus.com (not a typo) San Jose, CA
rfh@netcom.com (408) 559-5320

520. Re: Guide to Scanner Antennas

Newsgroup: rec.radio.scanner
Date: 1994-08-11 19:24:32 UTC
From: horak@convex.com
Message-ID: <32dttg$rq3@eugene.convex.com>
Source record: 270498

In <mike_diaz-100894144437@m42013.esl.com> mike_diaz@smtp.esl.com (Mike Diaz) writes:

>In article <1994Aug9.110416.4377@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan,
>Kernel Mode Systems) wrote:

>and what reasons would those be?
>How much improvement will it give (in dB) to go from 40ft above ground to
>50ft?

>receive a signal. You can make HUGE improvements in signal strength
>(10-20dB) by getting your antenna clear of obstructions. Above that height
>you will get only marginal improvements, relatively speaking. The reason
>is COMPROMISE, putting up a very tall mast on the roof can be expensive and
>dangerous (safety, wind loading, electrocution hazard, and mechanical
>stresses on the roof). IUm not going to tell people that another 10ft of
>mast height will give them a significant improvement, in received signals,
>because it wonUt.

At shortwave frequencies, height has a log to do with improving a
signal because of the wavelength but at VHF/UHF the results will be
minimal, once you are clear of obstructions.

David

521. Re: 928mhz radio station???

Newsgroup: rec.radio.scanner
Date: 1994-08-11 19:25:07 UTC
From: andycl168@aol.com
Message-ID: <32dtuj$rte@search01.news.aol.com>
Source record: 270476

In article <1994Aug11.154057.11399@sequent.com>, justin@sequent.com (Justin Bousquet) writes:

>I was talking to my friend (RIGHT!) and he said he heard music being played on 928.937.5 mhz. ...
>I thought that is may be a business on hold music (but WHY over the radio waves???)...

Hmm, this sounds similar to a discussion of about two weeks ago. I'd be willing to bet that it's a commercial elavator music provider, such as Muzak. Customers pay for the use of a 900 mhz capable receiver, and Muzak plays rusty-butterknife music for them.

Andy Clark
clarkan@yang.earlham.edu

522. Re: Newer PRO-51 (no keyboard shortcut)

Newsgroup: rec.radio.scanner
Date: 1994-08-11 19:28:42 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug11.142842.2769@hnrc.tufts.edu>
Source record: 270488

In article <ross-090894110337@earl.llnl.gov>, ross@novax.llnl.gov (Gary Ross) writes:
> There are reports that some newer PRO-51 have appeared that will not take
> the keyboard trick to access part of the sacred 800 band. I have not seen a
> newer one so I can't advise how to distinguish the two. Be advised.
>

I hope I don't have to eat these words when my PRO-51 arrives from Marymac, but
RS's current close out sale of the PRO-51 suggests these reports were false.

523. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-11 19:36:06 UTC
From: croaker@access.digex.net
Message-ID: <znr776617364k@Digex>
Source record: 270561
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <1994Aug10.153645.23284@mixcom.mixcom.com> kevin.jessup@mixcom.mixcom.com writes:

> How long before we are the Socialist States of America? On a scale starting
> with time zero being 1776 and 100 being socialism, where do you put us
> now? Fifty years from now?

Now I figure we're at around 75-80. We'll be at 100 in less than twenty years, never mind fifty.

>
> Any guesses on how long before a civil war results?

Never, unless we do a better job of organizing and agitprop.
--
"Apparently on New Texas, killing a politician was not _malum in se_, and was _malum prohibitorum_ only to the extent that what the politician got was in excess of what he deserved."
-H. Beam Piper, _Lone Star Planet/A Planet For Texans_

524. Re: newspaper journalist needs input

Newsgroup: rec.radio.scanner
Date: 1994-08-11 19:36:15 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug11.143615.2771@hnrc.tufts.edu>
Source record: 270489

In article <00982C43.0A56A060.1@eckert.acadcomp.monroecc.edu>,
pmulivor@eckert.acadcomp.monroecc.edu writes:
> hi, i'm philip mulivor, a newspaper reporter in rochester, ny. once again i
> find myself writing about cellular telephone privacy (or lack thereof), and i
> need input from some serious, knowledgeable hobbyists on the following:
>
> 1. can people still buy new scanners that can be modified to receive cell phone
> frequencies? which units, if any, are easily modifiable and good performers?
>
> 2. where do scanner listeners obtain modification documentation?

follow this newsgroup and alt.rec.scanner

>
> 3. what's the prevalent attitude among hobbyists with respect to cellular
> monitoring ?

One extreme: "It's illegal. I don't do it."
The other extreme: "If it passes through my body, I can do with it what I
like."
A middleground: "It's boring."

>
> thanks for your input. this group has helped me tremendously with past articles
> and i appreciate it.
>
> phil mulivor
> pmulivor@eckert.acadcomp.monroecc.edu
> or FAX: 716-256-2222

525. Re: ACAR's Receiver Experienc

Newsgroup: rec.radio.scanner
Date: 1994-08-11 19:47:51 UTC
From: dra@pipeline.com
Message-ID: <32dv97$m9g@pipe1.pipeline.com>
Source record: 270564

larry.nebron@pcgfx.com (Larry Nebron) wrote:

>>
>HELP! I'm looking for a low cost receiver to use with
>my M1200 to read ACAR's. I know for a fact that a
>YUPI 7100, Icom 7100, Yeasu 9600 and old Regency will
>work fine. I know a Pro 2004/5/6 ,Pro39/41,Pro
>2028,AOR-900, and Sony 2010, will not work.
>
>Anyone out there using an M1200 or M400 to read ACAR's;
>What type of receiver are you using?

I'm using an M400 with a Pro 2006 and it works fine.
<<DRA>>

526. Re: ICOM R1 Warning

Newsgroup: rec.radio.scanner
Date: 1994-08-11 20:07:17 UTC
From: csdfg@selway.umt.edu
Message-ID: <32e0dl$qhe@selway.umt.edu>
Source record: 270563

I really feel compelled to reply to this post, since I have been so satisfied with my R1 (And from the looks of other recent posts, there are many of us satisfied but perhaps silent, R1 owners "out there"), and hate to see it unfairly bashed.

Nothing in life is as marvelous as it probably *ought* to be, but I believe the ICOM R1 comes as close to that ideal as one can reasonably expect of a tiny, handheld, wideband receiver. The front end overload and intermod problems inherent in the R1 can be rendered relatively insignificant with the application of a little Scotch tape and a cut-off paper clip--hardly a high-tech solution, but then, I am no engineer. It seems to me that with a little creative thinking, the R1's problems can be reduced to the minor role they deserve so that the owner can fully appreciate the many advantages of this tiny radio (excellent sensitivity, wideband coverage, crisp audio, very small size, good variety of tuning increments and modes, better-than-average display light, convenient and sensible access to features and modes, etc.). In my opinion, the ICOM R1 is one of the top-of-the-line handheld receivers for the price, overall. I'm very pleased that I found one. But then I suppose that one always finds what they're *really* looking for.

dfg

527. Re: Automobile computers and scanners

Newsgroup: rec.radio.scanner
Date: 1994-08-11 20:19:45 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.64.000E54BC@chevron.com>
Source record: 270496

In article <1994Aug10.220316.5968@k12.ucs.umass.edu> bschweik@k12.ucs.umass.edu (Bill Schweikert (NMH)) writes:

>On last night's edition of Auto Week on public TV, the host
>warned about user-installed electronics interfering with the
>microprocessors which now control automobile engines. He said
>that improper installation could cause the engine to malfunction
>and used CB radio as an example of a potential problem. Is any
>one familiar with this type of interference? Was the host over-
>stating the case?

Like most television programs, the facts may not technically be overstated, but they are presented in a way that makes you pay attention. RFI is a problem in newer cars. Computers don't just run the enignes anymore - they've been doing that for well over a decade. They also monitor the brakes, control ABS systems and airbags, operate climate control, etc.

Low power transmitters like CBs are not usually a problem. But how many CBers do you know that run more than legal limit of 4 watts? A lot of them are running 100 watts - plus. Amateur, commercial, and cellular equipment can all cause trouble.

Though some equipment is pretty cheesey, it is not usually poorly designed radio equipment, but an improper installation. To narrow down further, poor antenna system installation - such as improper cable for the type and/or power of the transmitter, weak grounding, bad location for the antenna, ect.

I have experienced two RFI problem on vehicles:

Using a UHF handheld ham radio in a rental car (Mercury Sable) caused the cruise control "coast" when transmitting. Unkey and the cruise control would resume. Getting the radio away from the dashboard solved the problem (I was using the rubber duck).

Using the same radio in another rental car (Honda Accord or Prelude - can't remember) caused the SRS light to blink intermitently when transmitting. Moved the antenna back about two feet and it stopped.

A friend of mine was using a "through glass" ham antenna on the rear glass of his Ford Explorer (don't remember which band). Each time he keyed the radio (I think he was using 30 to 50 watts) the rear window wiper would start running. He doesn't use the glass antenna any longer and I believe Ford replaced something in the wiper system.

Receivers are not always as passive as we think but I don't beleive that using a scanner in a car would cause any trouble at all. Anything in your car that is not shielded enough to protect it from these low levels of interference

would likely not operate correctly when the guy in the car next to you uses a transmitter.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

528. Indycar Freqs

Newsgroup: rec.radio.scanner
Date: 1994-08-11 20:34:10 UTC
From: garrenke@deepcove.com
Message-ID: <32e202$s2a@kaos.deepcove.com>
Source record: 270375

Does anyone have a current listing of the freqs that the Indy racing teams use. I will be going to the Vancouver Molson Indy on Labour Day weekend and will be taking my PRO-43 and it would make it easier if I kneww what to look for. I have some freqs but they are 4 years old and I think they have changed. Thanks in advance for any help.

garry.gruenke@deepcove.com

529. Qs on no code FCC test and hardware

Newsgroup: rec.radio.scanner
Date: 1994-08-11 21:01:14 UTC
From: apple.com
Message-ID: <apple.com-110894140114@goofy-2.apple.com>
Source record: 270487

I know this question has probably been ask a hundred times before but I&#65533;am new to amateur radio, and internet, and I&#65533;want to know exactly what frequencies you can operate on with the no code license. Such as 2m, 220mhz, 440mhz 6m, etc..? Also, what brand(s) of handheld and desktop radios are the popular ones. I want something that is going to be reliable and have user friendly features. One more thing, I need recommendations on amateur radio and satellite magazines.

Thanks in advance.

530. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 21:11:01 UTC
From: crisp@netcom.com
Message-ID: <crispCuE2uE.GA2@netcom.com>
Source record: 270477
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <1994Aug10.213704.4388@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>
>Did you read the text of the bill that was posted? Or just the stuff you
>quoted above?
>
>To repeat, it says
>
>> "(6) knowingly and with intent to defraud uses, produces, traffics in, has
>> control or custody of, or possesses (i) a scanning receiver or (ii)
>> hardware or software used for altering or modifying telecommunications
>> instruments to obtain unauthorized access to telecommunications services."
>
>...and so is obviously intended to do exactly that: Prevent the sales
>("traffics in"), as well as use, etc., of such tools.
>
>I'd also like to get a legal interpretation of the "grouping". It looks to me
>as though it says
>
>> { (i) a scanning receiver or (ii) hardware or software }
>> used for altering or modifying telecommunications
>> instruments to obtain unauthorized access to telecommunications services."
>

Be sure to notice the word, OR before section (ii)

>in other words, scanning receivers are only subject to restriction here if
>they're "used for altering... to obtain unauthorized access to telecom.
>services."
>

I believe the parsing of the sentence works out to mean:

A scanning receiver to obtain unauthorized access to
telecommunications services

or

Hardware or software used for altering or modifying telecommunications
instruments to obtain unauthorized access to telecommunications services.

>And, no, "access to services" does not mean listening.
>

I think to listen is to access. In short I disagree with you on this.

>Hey, you want to really stir things up? Convince the NRA that scanners are a
>good thing, essential for home defense, etc.
>

Hey, they may well be :-)

>(No, I'm not an NRA member.)

Neither am I

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

531. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 21:22:04 UTC
From: crisp@netcom.com
Message-ID: <crispCuE3Ct.HL7@netcom.com>
Source record: 270478
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <1994Aug10.215015.4389@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>In article <crispCuAuDB.7xt@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
>> Don't be so naive: Remember when the RICO laws were passed to give the
>> Feds teeth to go after the Mafia? (RICO= Racketeer Influenced Corrupt
>> Organizations) Well in recent years overly zealous federal prosecutors
>> have used it against a myriad of things other than Mafia dons.
>
>Funny you should bring this up. There are actually a myriad of laws that can
>be used to "hassle the unliked"; RICO is just one of them. This one has some
>potential for this, granted, but it's such a minor part of it that I don't
>see what you're so upset about. Why not spend the energy arguing for repeal,
>or at least revision, of the laws that *are* being abused in this way?
>

We need to do thagt TOO. But we also need to try to stop new laws from being enacted that are plain wrong. It is really hard to repeal one compared what it takes to prevent it from being enacted.

>> Bottom line: if you possess a device that could be used to "knowingly
>> with intent to defraud" access telecommunications services in an
>> unauthorized manner, a prosecutor will assert that this is your intention
>> be it or not if he so desires.
>>
>> You will have to defend yourself at a great cost to you in terms of time money
>> and perhaps a lost job (since you are in jail and or court).
>
>If they're that sufficiently out to get me, or you, or anyone else, the
>existence or non-existence of this bill is hardly
>
>> This is a very ambiguous wording in this statute, just the kind of thing
>> that prosecutors love to have in their arsenal.
>
>Perhaps we learned English on different planets? It doesn't look at all
>ambiguous to me. Notice especially the section title:
>

Did RICO look ambigous to you? Well it certainly has been used for things that it was never "advertised" to be designed to be used for.

If the intent is to stop cloning of phones, then a statute that only does that can be worded very succinctly that does no more than that. This goes well beyond.

>
>Nonsense. To "access a service" means to use it, not observe someone else
>using it.
>

I will have to disagree with you. When you receive one way comms from
a service you are certainly using it. If you do not believe this then
what are you doing when you listen to your favorite radio station? Are
you just observing others using it?

>> All it would take is for one person to decide to target you, and your
>> ass is grass!
>
>Again, that's true today.
>
>> This must be stopped!
>
>Try to acquire a sense of proportion. As "laws that restrict freedom" go,
>this one is a drop in the bucket.
>
To borrow an idea from Everett Dirksen: "a drop here a drop there, pretty
soon you are talking about a full bucket."

I am no fan of the Tobacco companies, but they long ago have adoped
a policy of fight each and every attack on them as if their lives
depended upon it. We are on the losing side of a major shift in public
opinion. We must stop these bills from becoming law if you value
your right ot listen to radio communications of your choice.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

532. Wanted Pro-51 Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-11 21:42:10 UTC
From: snichol2@csc.com
Message-ID: <32e5vi$gba@explorer.csc.com>
Source record: 270493

Looking for mods to get into the lower Cell freqs 824mhz and higher.
Anybody know anything???

e-mail me at snichol2@csc.com

533. Re: What is a "Sportcat?"

Newsgroup: rec.radio.scanner
Date: 1994-08-11 22:01:02 UTC
From: terryb7949@aol.com
Message-ID: <32e72u$12d@search01.news.aol.com>
Source record: 270574

In article <9406061615.AA19714@xp.psych.nyu.edu>, moy@xp.psych.nyu.edu writes:

I just purchased on form BEST PRODUCTS and I really like it. It will even scan the Cellular Phone band without mocifiacation. I especelly like the the ability to set a RANGE of frewuencies and then selectivity LOCK OUT unwanted Frequencies (100 Max). It really is nice for finding NEW frequencies in any of the 12 bands

Price $199

534. Re: Uniden Sportcat

Newsgroup: rec.radio.scanner
Date: 1994-08-11 22:10:04 UTC
From: terryb7949@aol.com
Message-ID: <32e7js$17m@search01.news.aol.com>
Source record: 270480

In article <2td3r1$5oo@cville-srv.wam.umd.edu>, nation@wam.umd.edu (Jeanne Lisa Cheung) writes:

The SPORTCat is a great scanner. I like it's ability to selectivily LOCK-OUT up to 100 Frequencies as you scan any one of its 12 bands. GREAT for finding NEW Local Frequencies while eliminating the JUNK you dont want to hear.
It also scans the Celluar band without any modifiacations.

535. Re: Help requested on handheld purchase

Newsgroup: rec.radio.scanner
Date: 1994-08-11 22:18:01 UTC
From: terryb7949@aol.com
Message-ID: <32e82p$1b7@search01.news.aol.com>
Source record: 270482

In article <2u2j3e$23d@nntp2.Stanford.EDU>, mud@leland.Stanford.EDU (The MUD Game) writes:

Check out the Uniden SPORTCat 150. It' Scans 12 bands including the HAM & Cellular phones. It's SMALL and LITE makes it easy to carry arround for up to 12 hours with out recharging. It also can scan any of it's 12 Bands with SELECTIVE Frequency LOCK-OUT, Great for finding NEW Frequencies in any given band.

536. Re: uniden 'sportcat' 150

Newsgroup: rec.radio.scanner
Date: 1994-08-11 22:22:01 UTC
From: terryb7949@aol.com
Message-ID: <32e8a9$1cm@search01.news.aol.com>
Source record: 270483

In article <Crx2qu.B1s@mozo.cc.purdue.edu>, rjw@four-h.purdue.edu (bob)
writes:

I just bought one for $199, and it's great. Includes the ability to
monitor Cellular Phones without modification.

537. Re: Detect detector?

Newsgroup: rec.radio.scanner
Date: 1994-08-11 23:17:50 UTC
From: toma@xetron.com
Message-ID: <CuE8pq.As@xetron.com>
Source record: 270428

In article <323smd$i35@ionews.io.org>, gesman@io.org (Gleb Esman) says:
>
>Question to radio professionals:
>How is it possible to detect a radar detector? As far as I know
>radar detector is a receiver, which detect certain (10-20+ GHz) frequency
>and gives alarm (to user). How is it possible to detect a detector and even
>more - to detect it from, say 100 meters distance?
>I'm not talking about jammers(which are transmitters), only about passive
>detectors.
>Anyone has ideas?

If you simply re-tune the oscillator in any cheap $29 radar detector, you can turn it into a detector-detector. It will also become a jammer (not really a jammer since it's not very powerful - may just a "popper"). It will only detect detectors that are pretty close (less than about 100 or 200 feet) but it will work.

538. Re: newspaper journalist needs input

Newsgroup: rec.radio.scanner
Date: 1994-08-11 23:31:10 UTC
From: andycl168@aol.com
Message-ID: <32ecbu$2ka@search01.news.aol.com>
Source record: 270486

> hi, i'm philip mulivor, a newspaper reporter in rochester, ny. once again i
> find myself writing about cellular telephone privacy (or lack thereof), and i
> need input from some serious, knowledgeable hobbyists on the following:
>
> 1. can people still buy new scanners that can be modified to receive cell phone
> frequencies? which units, if any, are easily modifiable and good performers?
>
> 2. where do scanner listeners obtain modification documentation?
>
> 3. what's the prevalent attitude among hobbyists with respect to cellular
> monitoring ?
>
> thanks for your input. this group has helped me tremendously with past articles
> and i appreciate it.
>
> phil mulivor
> pmulivor@eckert.acadcomp.monroecc.edu
> or FAX: 716-256-2222

A couple of other guys have answered your tech questions. I don't bother modifying my scanner to receive cellular phones not because it's illegal or boring. There's plenty of boring stuff in the legal bands. I believe in "Relative Right." That is, that no one's rights may supercedes anyone elses. In this case, I don't believe that my right to monitor the airwaves should violate anybody else's right to privacy on their cellular phone. There is a reasonable degree of privacy expected, after all. I don't see cellular eavesdropping as any different from wiretapping. After all, they all hook into the same system.

Andy Clark
clarkan@yang.earlham.edu

539. Re: newspaper journalist needs input

Newsgroup: rec.radio.scanner
Date: 1994-08-11 23:46:43 UTC
From: crisp@netcom.com
Message-ID: <crispCuEA1w.HA8@netcom.com>
Source record: 270475

In article <1994Aug11.143615.2771@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
>In article <00982C43.0A56A060.1@eckert.acadcomp.monroecc.edu>, pmulivor@eckert.acadcomp.monroecc.edu writes:
>> hi, i'm philip mulivor, a newspaper reporter in rochester, ny. once again i
>> find myself writing about cellular telephone privacy (or lack thereof), and i
>> need input from some serious, knowledgeable hobbyists on the following:
>>
>> 1. can people still buy new scanners that can be modified to receive cell phone
>> frequencies? which units, if any, are easily modifiable and good performers?
>>
>> 2. where do scanner listeners obtain modification documentation?
>
>follow this newsgroup and alt.rec.scanner
>
>>
>> 3. what's the prevalent attitude among hobbyists with respect to cellular
>> monitoring ?

I am going to violate normal net etiquette by posting a letter I received in response to my suggestion that the journalist refrain from writing about cellular monitoring as it only adds gasoline to an already raging fire. His response to my request follows as does my rebuttal to his response. It may make for some amusing reading.

>
> ok rich, no problem. is there anything else you'd like us to not write about?
> just let me know. i'll be sure to have the senior editors spike any story that
> you personally find distasteful or troublesome. so glad i could help.
>

Yes, there is and thanks for asking.

You can leave the stories about assault weapons alone too, unless you provide balanced statistics showing the numbers of deaths caused by car accidents, cirrohis, smoking related problems, lightning strikes etc.

I have no problem with people writing stories about cellphone monitoring etc unless they have the all too common "yellow journalism" bent to them.

Bottom line with respect to cellphones is that the security issue will be solved by adoption of digital transmission and this will happen as a normal course of action. The thing that will drive this is the running out of frequency allocation of the analog systems. there is simply more traffic than the analog systems can accomodate

in the large metro areas. The newer equipment will be designed to handle digital transmissions which are more spectrally efficient and within 5 years it will be largely deployed throughout the US.

There will not be any easy way for the casual scanner listener to make any sense out of the digital transmissions, so the security will be enhanced, the capacity of the networks inreased and no new laws will be needed.

The point of the current laws is ludicrous anyway, as even old TV sets can tune cellular and it is a massive fraud on the consuming public for them to be pitched that due to laws in place that their comms are secure.

Again, not to be misunderstood, I have no problem with factual logical reporting that is not trying to sell an agenda for the politicians or that which is not trying to create hysteria by painting an unbalanced picture. The problem is that very little of this makes it to print these days especially when it comes to cellphones or guns.

If you would like to write a balanced story with no real agenda as described above, I will be happy to provide you assistance and have a number of years in this field both as a hobbyist and a professional electrical engineer.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

540. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 23:52:03 UTC
From: bmork@opus-ovh.spk.wa.us
Message-ID: <gD2wqc1w165w@opus-ovh.spk.wa.us>
Source record: 270398
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

RLOKER01@HARRIS.COM (Robert C. Lokerson) writes:

> In Article <crispCu8C7t.5sp@netcom.com> "crisp@netcom.com (Richard Crisp)" sa
> > SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
> ^^^^^^^^^^
> > "(6) knowingly and with intent to defraud uses, produces, traffics in, has
> ^^^^^^^^^^^^^^^^^^^^^^^^^
> It seems to me you have skipped over the phrases I have emphasized.

I know where you're coming from, but you're looking at the bills wrong.
Consider these interpretations:

1) Because it's fraudulent, then this bill speaks about it (if you're not
fraudulent, then this bill has nothing to do with your activity).

2) ==Defining== what is fraudulent by including that in the title. In
other words, if you do anything we talk about, then we ascribe to
your activities the character of fraud.

I think 2. These bills are meant to pull in activities going on around
the country and speak on them, not to, with intent, alleviate activitiy
from being covered by the bill.

Brian Mork UUCP bmork@opus-ovh.spk.wa.us / ARO ka9snf@ka7fvv.#ewa.wa.usa
.... USMail 6006-B Eaker, Fairchild, WA 99011
.. .. .. .V:509-244-3764 D:509-244-9260

541. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 23:57:13 UTC
From: bmork@opus-ovh.spk.wa.us
Message-ID: <3L2wqc2w165w@opus-ovh.spk.wa.us>
Source record: 270393
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

bote@access.digex.net (John Boteler) writes:

> Criminal intent is a historical artifact in the U.S.A. these days.
> We've crossed the line from assuming personal responsibility
> to allowing the government to watch over us in all aspects.
>
> Nowadays, simply *being* something or *having* something
> all by itself is an actionable offense in more and more
> communities. Criminal intent never enters the argument.

Roger roger!

Brian Mork UUCP bmork@opus-ovh.spk.wa.us / ARO ka9snf@ka7fvv.#ewa.wa.usa
.... USMail 6006-B Eaker, Fairchild, WA 99011
.. .. .. .V:509-244-3764 D:509-244-9260

542. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-11 23:57:45 UTC
From: bmork@opus-ovh.spk.wa.us
Message-ID: <ym2wqc3w165w@opus-ovh.spk.wa.us>
Source record: 270394
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

bote@access.digex.net (John Boteler) writes:

> Criminal intent is a historical artifact in the U.S.A. these days.
> We've crossed the line from assuming personal responsibility
> to allowing the government to watch over us in all aspects.

Join GOPHIR. G)roup O)f P)eople H)onoring I)ndividual R)esponsibility.

Brian Mork UUCP bmork@opus-ovh.spk.wa.us / ARO ka9snf@ka7fvv.#ewa.wa.usa
.... USMail 6006-B Eaker, Fairchild, WA 99011
.. .. .. .V:509-244-3764 D:509-244-9260

543. MJTF

Newsgroup: rec.radio.scanner
Date: 1994-08-11 23:58:08 UTC
From: oscweb@aol.com
Message-ID: <32edug$31q@search01.news.aol.com>
Source record: 270497

Has anyone heard of any frequencies for a group, presumed to be operating under FEMA, called the Multi Jurisdictional Task Force (MJTF)?

Any known freqs., etc. would be appreciated. I can also be contacted at ov_bowery@noacsc.ohio.gov

Thanks for your assistance!

Warren Bowery
NW/SE Ohio Editor
AOSC American Scannergram

544. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-12 00:00:01 UTC
From: bmork@opus-ovh.spk.wa.us
Message-ID: <qq2wqc4w165w@opus-ovh.spk.wa.us>
Source record: 270397
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:

> I don't see a problem. The first few words say "knowingly AND with intent to
> defraud". Sure, I possess a scanning receiver, but not with "intent to
> defraud" anybody. Similarly, Optoelectronics produces hardware and software
> that modifies scanning receivers -- but not so that they can be used to
> "obtain unauthorized access to telecom services".

But you're missing the point. They are saying that *by having* an
Optoelectronics Interceptor you are showing criminal intent. At the
very least, you are guilty (or at least arrestable) until you show
a non-criminal reason to have it. Presumed guilt.

On the lighter side---

Picture this: The policeman says "let me see that" and it has "INTERCEPTOR"
emblazened across the front of it. "No sir" "That's for repair work on
my workbench at home." Yea right. At least put masking tape over the name!

Brian Mork UUCP bmork@opus-ovh.spk.wa.us / ARO ka9snf@ka7fvv.#ewa.wa.usa
.... USMail 6006-B Eaker, Fairchild, WA 99011
.. .. .. .V:509-244-3764 D:509-244-9260

545. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-12 00:09:23 UTC
From: bmork@opus-ovh.spk.wa.us
Message-ID: <c72wqc5w165w@opus-ovh.spk.wa.us>
Source record: 270395
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

crisp@netcom.com (Richard Crisp) writes:

> Wanna guess what comes next?
>
> Well for starters, it will be
> a very unpleasant environment not unlike the situation the
> founding fathers sacrificed their lives to do away with:
> they fought a war to have the freedoms, the checks and balances
> (including the reservation of the right to own firearms to keep
> the "ultimate recall" capability in the hands of the people),

How heartily I agree. You see, our forefathers were criminals. Do people understand that? Right to bear arms was not for sport, not for hunting, not for competition. That right was written to guarentee lethal effect on a government gone wild.

Rich, are you and I nuts? Are we wild and crazy mountain men, threatening the very fabric of society? Do other people not see these issues, these forecasts that slowly become reality? Or are most people distracted by the concerns of daily life (Darn, I forgot to fill up the truck on the way home from work)?

Cry the Beloved Country.

Brian Mork UUCP bmork@opus-ovh.spk.wa.us / ARO ka9snf@ka7fvv.#ewa.wa.usa
.... USMail 6006-B Eaker, Fairchild, WA 99011
.. .. .. .V:509-244-3764 D:509-244-9260

546. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-12 00:42:14 UTC
From: vhealey@crl.com
Message-ID: <32egh6$qf0@crl2.crl.com>
Source record: 270515
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <4GZIkiubGEYP066yn@access.digex.net>,
Andy Domonkos <domonkos@access.digex.net> wrote:
>In article <32d02s$98j@crl2.crl.com>, Victor Healey wrote:
>>
>> If the existing government was so powerful and full of hatred to
>> its citizens it would have long ago destroyed Rush Limbaugh and Pat
>> Robertson for all the evil things they say about those who are charged
>> with governing the people. I see no effort on the existing governments
>> part to act against these folks so why would it single out little JOe Q.
>> Citzen for some special treatment? Only a werid paranoid person would
>> worry about something like this. Paranodia is a recognized mental illness
>> in medical circles. Get treatment soon for your own benefit.
>>
>> v_healey@ix.netcom.com
>>
>
>The govt will allow these folks to exercise their freedom of speech rights.
>The perceived attitude, after all, is what are they going to do about it?
>Let'em comlpain, so what, what will the people do? What have the people
>done? Nothing, zero, zilch. No need to destory these folks (how'd Pat Robertson
>wind up in their?).
>
>Andy
Andy he is the one who uses valuable communications spectrem to
run a tax exempt enterprise selling a video tape purporting to disclose
that 'Clinton's have killed people to cover up their actions and
immorality in Arkansas before coming to the White House.
For $99 you can have a copy of it also by calling his 1-800
number as advertized on the 700 club.

If Bill and Hillary were as described then they could have used
the FCC, IRS etc to close him down. They don't even bother. Why would
they care what you do in your car with a hand held scanner unless they
knew you were planning to commit a felony?

v_healey@ix.netcom.com
vhealey@crl.com

Vic Healey Marietta ga.

547. ICOM R1 Warning

Newsgroup: rec.radio.scanner
Date: 1994-08-12 01:10:00 UTC
From: scott.momberg@cccbbs.cincinnati.oh.us
Message-ID: <2314.573.uupcb@cccbbs.cincinnati.oh.us>
Source record: 270401

TO: crisp@netcom.com

RC>.@SUBJECT:Re: ICOM R1 Warning
RC>.@N FROM :crisp@netcom.com
RC>.@N MSGID :<crispCuCKKv.DHx@netcom.com>
RC>N Newsgroups: rec.radio.scanner
RC>From: crisp@netcom.com (Richard Crisp)
RC>Subject: Re: ICOM R1 Warning
RC>Message-ID: <crispCuCKKv.DHx@netcom.com>
RC>Date: Thu, 11 Aug 1994 01:38:54 GMT

RC>In article <jim-100894164907@jimsmac.ttech.com> jim@ttech.com (Jim
RC>Wayda) writes:

RC>The purpose of this post is an attempt to prevent
RC>someone from making the >same bad mistake that I did. The ICOM R1
RC>has recently been getting >favorable reviews from alot of people on
RC>the newsgroup. I had one and was >extremely disgusted with it for
RC>the following reasons: >
RC>>
RC>>1. EXTREME intermod.
RC>>
RC>>2. EXTREME front end overload.
RC>>
RC>>3. Cannot really scan. Constantly locks up on images.
RC>>
RC>>4. Based upon performance, the R1 should cost less than $150. It
RC>is a >rip-off at $500.
RC>>
RC>>I contacted ICOM tech support and they told me that there is
RC>nothing they >can do. "That is just the way the radio is." That is
RC>also just the way the >radio was returned! I am an enginner in the
RC>computer industry, and if I >designed a product that performed as
RC>poorly as the ICOM R1, I probably >would be out of work.
RC>>
RC>>Bottom line:
RC>>
RC>>The ICOM R1 is a good radio as a small novelty toy (not a
RC>scanner!) only if >you can pick one up for less than $150. ICOM
RC>should simply drop the radio >and not introduct the "A" model. You
RC>get alot more bang for the buck with a >$200 RS or Uniden scanner.
RC>>

crisp@netcom.com <Richard Crisp wrote:>

RC>I agree with most of this posting. There is one tid bit that I can
RC>add that has relevance. There was a mod offered by Raycom of
RC>England that added a "roofing" filter (really a bandpass filter)
RC>to the 1st IF of the R1. They sold this mod for a short period in
RC>1991 and it dramatically improved the performance of the R1 to
RC>these annoying problems.

RC>Raycom was not an authorized Icom dealer at the time and later they
RC>became an authorized dealer for the UK. When their status changed
RC>to dealer, they discontinued offering this mod.

RC>I sent my R1 over there in the summer of 91 and for about $120 it
RC>magically re-appeared on my doorstep about 6weeks later with the
RC>mode installed.

RC>About four months ago I sold my R1 to a fellow at Lockheed ehre
RC>in Silicon Valley. I wasn't using it much after I got my Yupiteru
RC>MVT7100.

RC>I mention this because there are several persons on the net that
RC>have had this mod performed and perhaps one of them has decided it
RC>is time to part company with their modified R1.

RC>If you can find one of these, you will find it lives up to most of
RC>what you wanted in the R1.

RC>--
RC>Richard Crisp Cupertino, Ca.
RC>crisp@netcom.com (415) 903-3832 wk
RC>(408) 253 4541 fax For PGP Public Key, type finger
RC>crisp@netcom.com "It is a good thing that we do not get as much
RC> government as we pay for" -Will Rogers

Richard,

I agree with the post above by Mr. Wayda, about the poor performance
of the R1, but having just bought one before the ban, I don't
think I will ever sell it. You bring up an interesting fix for it
though, if it is available perhaps from another company.

I would greatly appreciate if you could dig up the address of the
company in the UK that used to offer the IF filter, so that I may
write to them and ask if any other company has continued to offer
what they do not anymore. It's a shame it's not available from
them, because the R1 is just the right size that fits in the palm
of the hand so nice. I would be willing to install an IF filter
myself if I could get the part and an R1 service manual.

Thanks for any help in advance.

Email direct or post here.

Scott

+--+
| Internet: scott.momberg@cccbbs.cincinnati.oh.us |
| Packet: wd8cab@wd8buy.#cin.oh.usa.na |
|Compuserve: 74676,112 |
+--+

. CMPQwk 1.4 #963 . Tried to play my shoehorn... all I got was footnotes!

548. Who wants my SW55

Newsgroup: rec.radio.scanner
Date: 1994-08-12 02:40:00 UTC
From: larry.nebron@pcgfx.com
Message-ID: <e7.8376.2508.0NE7320A@pcgfx.com>
Source record: 270378

I have one excess very slightly used Sony SW-55 shortwave receiver.
I'm looking for a Pro 41 or equivalent, but will consider other trades.

73's

Larry.Nebron@PCGFX.COM
---
* QMPro 1.52 * Danger: Shortwave listening is habit forming!

549. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-12 02:48:22 UTC
From: rosidivi@rintintin.Colorado.EDU
Message-ID: <rosidivi.776659702@rintintin.Colorado.EDU>
Source record: 270376
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

crisp@netcom.com (Richard Crisp) writes:

>>To repeat, it says
>>
>>> "(6) knowingly and with intent to defraud uses, produces, traffics in, has
>>> control or custody of, or possesses (i) a scanning receiver or (ii)
>>> hardware or software used for altering or modifying telecommunications
>>> instruments to obtain unauthorized access to telecommunications services."
>>
>>...and so is obviously intended to do exactly that: Prevent the sales
>>("traffics in"), as well as use, etc., of such tools.

Well, if we look at the elements of the 'crime', the first requisite
is that one must "knowingly" AND "with intent to DEFRAUD" commit the latter
parts of the paragraph. If one doesn't have BOTH of the mentioned elements
the rest of the enumerated acts become mute. Intent is one of the more
difficult elements for a prosecutor to prove, unless of course, one willingly
confesses their intent to defraud.
In summary, if you were to have one of the "prohibited" devices
but your intent was merely to possess, or experiment, or listen, or count
frequencies or anything other than to defraud someone, it would not be
a crime.
Any questions...?

550. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-12 03:40:59 UTC
From: bmork@opus-ovh.spk.wa.us
Message-ID: <1yBXqc1w165w@opus-ovh.spk.wa.us>
Source record: 270396
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

kevin jessup <kevin.jessup@mixcom.mixcom.com> writes:

> In <crispCuAt3r.309@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>
> > founding fathers sacrificed their lives to do away with:
> > they fought a war to have the freedoms, the checks and balances

> How long before we are the Socialist States of America? On a scale starting
> with time zero being 1776 and 100 being socialism, where do you put us
> now? Fifty years from now?

The finances of America will break our back and usher in a "I don't care
what freedoms you take. Fix my life" attitude. It will happen within 8
years. I guess that puts us somewhere in the mid 90s on your scale.

Brian Mork UUCP bmork@opus-ovh.spk.wa.us / ARO ka9snf@ka7fvv.#ewa.wa.usa
.... USMail 6006-B Eaker, Fairchild, WA 99011
.. .. .. .V:509-244-3764 D:509-244-9260

551. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-12 04:12:41 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug11.231241.2773@hnrc.tufts.edu>
Source record: 270491
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

>>> "(6) knowingly and with intent to defraud uses, produces, traffics in, has
>>> control or custody of, or possesses (i) a scanning receiver or (ii)
>>> hardware or software used for altering or modifying telecommunications
>>> instruments to obtain unauthorized access to telecommunications services."

Each of us has to choose where to draw the line in the sand, and stand and fight. I can understand why some are nervous about this bill, but my sense is that, for better or worse, this is *not* the place for pitched battle.

It has been said that this law is redundant. The same was said of the ECPA. But bill follows a trend.

The telecommunications act of 1934 made it illegal to *divulge* certain transmissions. The ECPA made it illegal to *listen* to certain communications, but did not outlaw existing equipment that was capable of receiving those transmissions. This new law would outlaw *possession* of the equipment if it was held *with intent to defraud*. So the proposed legislation is not redundant. It does tighten the noose around the hobby, but it is difficult to fight because, no matter what we may think its intent may be, the wording is unambiguous--"and with intent to defraud". I choose not to draw the line here, because however well-intentioned I might be, I would have to oppose legislation that, on its face, is out to prevent fraud by imposing restrictions that are not already in the law. I don't see how one can fight the bill without contributing to the false impression of an "outlaw" hobby.

552. PRO-38

Newsgroup: rec.radio.scanner
Date: 1994-08-12 09:01:17 UTC
From: rlc@medphys.ucl.ac.uk
Message-ID: <1994Aug12.090117.13683@ucl.ac.uk>
Source record: 270494

If anyone knows of any mods to the PRO-38 by Tandy could they please let me know.
I have found one that allows reception of the Air band but as the unit is NFM only the AM air band is not very good.
Thanks
Ron

553. Where to get keps

Newsgroup: rec.radio.scanner
Date: 1994-08-12 10:09:00 UTC
From: tom.lackamp@vidgame.com
Message-ID: <ce.7622.696@vidgame.com>
Source record: 270500

James E. Thomas (jthomas@hookup.net) said:

JE>Is there anywhere on the internet where I may download the keps for some of
JE>the satelites out there?

James,

FTP archive.afit.af.mil in the /pub/space directory.

Best,

Tom Lackamp
San Mateo, Ca

• CMPQwk #1.4• UNREGISTERED EVALUATION COPY

554. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-12 12:10:05 UTC
From: crisp@netcom.com
Message-ID: <crispCuF8Gt.29I@netcom.com>
Source record: 270517
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <1994Aug11.231241.2773@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
>difficult to fight because, no matter what we may think its intent may be, the
>wording is unambiguous--"and with intent to defraud". I choose not to draw the
>line here, because however well-intentioned I might be, I would have to oppose
>legislation that, on its face, is out to prevent fraud by imposing restrictions
>that are not already in the law. I don't see how one can fight the bill
>without contributing to the false impression of an "outlaw" hobby.

Which is exactly why I am very disturbed when some newspaper guy gets on the newsgroup and asks us to talk about monitoring cellphones. Just what we need: some guy writing another "expose" on the bandits our there hacking or monitoring cellphones.

This is the sort of hysteria producing activity that encourages some congressslime to spearhead new further restrictive legislation.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

555. Re: R7000/7100

Newsgroup: rec.radio.scanner
Date: 1994-08-12 12:11:44 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Aug12.121144.15701@rsd.dl.nec.com>
Source record: 270501

In article <4uZIkiubGglI066yn@access.digex.net>, domonkos@access.digex.net (Andy Domonkos) writes:
|> In article <32c0up$ce9@search01.news.aol.com>, Malxndr wrote:
|> > In article <crispCuBrDn.Azr@netcom.com>, crisp@netcom.com (Richard Crisp)
|> > writes:
|> >
|> > I'm not going to speculate why Icom blocked the entier 800 range but i'll
|> > tell you this: If I could buy a unit with 800 continuous, I would do so.
|> > Looks likle they're about to cut themselves out of a lot of business!
|> >
|> Not really, not if the govt buys their stock in large quantities.

When I first tried to by my R7100 just as thay were announced I couldn't find one anywhere. A conversation with the Icom reps at a local hamfest revealed the problem. It seems that a certain US agency orderd 10,000 of the radios. Icom allowed as how orders were backlogged a little because of that.

dave

==========
Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

In the absence of leadership, we have decided to follow ourselves.

556. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-12 12:14:48 UTC
From: crisp@netcom.com
Message-ID: <crispCuF8op.2EI@netcom.com>
Source record: 270518
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <rosidivi.776659702@rintintin.Colorado.EDU> rosidivi@rintintin.Colorado.EDU (John Doe) writes:
>crisp@netcom.com (Richard Crisp) writes:
>
>>>To repeat, it says
>>>
>>>> "(6) knowingly and with intent to defraud uses, produces, traffics in, has
>>>> control or custody of, or possesses (i) a scanning receiver or (ii)
>>>> hardware or software used for altering or modifying telecommunications
>>>> instruments to obtain unauthorized access to telecommunications services."
>>>
>>>...and so is obviously intended to do exactly that: Prevent the sales
>>>("traffics in"), as well as use, etc., of such tools.
>
> Well, if we look at the elements of the 'crime', the first requisite
>is that one must "knowingly" AND "with intent to DEFRAUD" commit the latter
>parts of the paragraph. If one doesn't have BOTH of the mentioned elements
>the rest of the enumerated acts become mute. Intent is one of the more
>difficult elements for a prosecutor to prove, unless of course, one willingly
>confesses their intent to defraud.
> In summary, if you were to have one of the "prohibited" devices
>but your intent was merely to possess, or experiment, or listen, or count
>frequencies or anything other than to defraud someone, it would not be
>a crime.

It really depends on what the prosecutors decide "DEFRAUD" and
"ACCESS" means. I believe you are being naive to take the position
that DEFRAUD only means those that make a practice of ripping off
ESN data and cloning phones. Again I cite the perversion of the
RICO laws to apply to things well beyond the "MAFIA" which was the
stated intent at the time of passage of the legislation.

Don't let your gaurd down by assuming the prosecutors are
"reasonable" by your definition and think the way you do. If you
do this, you may be making a very big mistake.

I will be posting a revision of the bill that is even worse than
what I have already posted.

> Any questions...?
>

you should be asking yourself this question.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

557. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-12 12:25:19 UTC
From: gbelton@cris.com
Message-ID: <kPelkastekm7065yn@cris.com>
Source record: 270502

In article <CuByLn.27C@metronet.com>, Charles Copeland wrote:
> Makes me nervous as to what behavoir they are up to that would
> make them uncomfortable with the public to have the ability to
> hear them.

Two word: Rodney King

gb

558. Update: Newly revised "Scanner Ban" bill

Newsgroup: rec.radio.scanner
Date: 1994-08-12 12:55:12 UTC
From: crisp@netcom.com
Message-ID: <crispCuFAK0.3oo@netcom.com>
Source record: 270503
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

attached is a newly revised version of the scanner bill which is even more restrictive than the last. Notice the definition of the term "Scanning Receiver". This goes well beyond what anyone famailiar with the hobby and equipment would consider to be a scanning receiver.

I am sorry to have to fill up this newsgroup with REALITY and proposed LEGISLATION, but this is the beauty of Internet: get the information out and in a timely fashion. This stuff is very serious, the penalties include $50,000 fines AND 15years in jail for violations. This stuff is the most blatant attempt yet on the legislative front to shut down our collective hobby and make us all criminals; all by legislative fiat.

This is very serious business and anyone that cares about their hobby and liberty should take this very seriously and be on the phone fax etc and let their congressman/senator know what you think of this.

For those of you that would rather see this discussion taken elsewhere I say: if you had a fire in your house while you had a party going on it would be a damn inconvenient time to have to deal with it. It would make a lot more sense to have the fire move to the woods where that sort of thing occurs all the time. But the reality is that there is a fire and it MUST be addressed. This same logic applies here. If you would like to be able to have a hobby to talk about in this very fun forum, take the time to read the following and take some action.

Don't rely on others to do your work for you, and don;t take the attitude that this doesn't matter, is only being raise by alarmists, and that it should be taken to some other group like alt.conspiracy This is real, it is now and it will affect you.

read it and weep!

SEC. 3. EFFECTIVE DATE.

(a) In General._Except as provided in paragraph (2), chapter 120 of title 18, United States Code, as added by section 1, shall take effect on the date of enactment of this Act.

****like IMMEDIATELY***

(b) Assistance Capability and Systems Security and Integrity Requirements._Sections 2602 and 2604 of title 18, United States Code, as added by section 1, shall take effect on the date that is 4 years after the date of enactment of this Act.

SEC. 5. CORDLESS TELEPHONES.

(a) Definitions._Section 2510 of title 18, United States Code, is amended_

(1) in paragraph (1) by striking but such term does not include'' and all that follows through base unit''; and

(2) in paragraph (12) by striking subparagraph (A) and redesignating subparagraphs (B), (C), and (D) as subparagraphs (A), (B), and (C), respectively.

(b) Penalty._Section 2511 of title 18, United States Code, is amended_

(1) in subsection (4)(b)(i) by inserting a cordless telephone communication that is transmitted between the cordless telephone handset and the base unit,'' after cellular telephone communication,''; and

(2) in subsection (4)(b)(ii) by inserting a cordless telephone communication that is transmitted between the cordless telephone handset and the base unit,'' after cellular telephone communication,''.

*****note that cordless telephone monitoring is now classified the same as cellular telephone monitoring******

SEC. 6. RADIO-BASED DATA COMMUNICATIONS.

Section 2510(16) of title 18, United States Code, is amended_

(1) by striking or'' at the end of subparagraph (D);

(2) by inserting or'' at the end of subparagraph (E); and

(3) by inserting after subparagraph (E) the following new subparagraph:

(F) an electronic communication;''

*****here is the aforementioned section 2510(16) as it reads in the current law******
***

(16) "readily accessible to the general public" means, with respect to a radio communication, that such communication is not--

(A) scrambled or encrypted;

(B) transmitted using modulation techniques whose essential parameters have been withheld from the public with the intention of preserving the privacy of such communication;

(C) carried on a subcarrier or other signal subsidiary to a radio transmission;

(D) transmitted over a communication system provided by a common carrier, unless the communication is a tone only paging system communication; or

(E) transmitted on frequencies allocated under part 25, subpart D, E, or F of part 74, or part 94 of the Rules of the Federal Communications Commission, unless, in the case of a communication transmitted on a frequency allocated under part 74 that is not exclusively allocated to broadcast auxiliary services, the communication is a two-way voice communication by radio;

********end of current law (included to emphasize the significance of the changes enabled by the new section 6 of the "the bill"****

********here is the definition of "electronic communication as it exists in the current law (title 18usc, section 2510 section 12)

(12) "electronic communication" means any transfer of signs, signals, writing, images, sounds, data, or intelligence of any nature transmitted in whole or in part by a wire, radio, electromagnetic, photoelectronic or photooptical system that affects interstate or foreign commerce, but does not include--

(A) the radio portion of a cordless telephone communication that is transmitted between the cordless telephone handset and the base unit;

(B) any wire or oral communication;

(C) any communication made through a tone-only paging device; or

(D) any communication from a tracking device (as defined in section 3117 of this title);

********end of definition in current law********

(note that now an "electronic communication" is not considered to be "readily accessible to the general public")

SEC. 7. PENALTIES FOR MONITORING RADIO COMMUNICATIONS THAT ARE TRANSMITTED USING MODULATION TECHNIQUES WITH NONPUBLIC PARAMETERS.

Section 2511(4)(b) of title 18, United States Code, is amended by striking or encrypted, then'' and inserting , encrypted, or transmitted using modulation techniques the essential parameters of which have been withheld from the public with the intention of preserving the privacy of such communication''.

*****here is that portion of the current law*******

(4)(a) Except as provided in paragraph (b) of this subsection or in subsection (5), whoever violates subsection (1) of this section shall be fined under this title or imprisoned not more than five years, or both.

(b) If the offense is a first offense under paragraph (a) of this subsection and is not for a tortious or illegal purpose or for purposes of direct or indirect commercial advantage or private commercial gain, and the wire or electronic communication with respect to which the offense under paragraph (a) is a radio communication that is not scrambled or encrypted, then--

**********end of current law****

SEC. 8. TECHNICAL CORRECTION.

Section 2511(2)(a)(i) of title 18, United States Code, is amended by striking used in the transmission of a wire communication'' and inserting used in the transmission of a wire or electronic communication''.

SEC. 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO INSTRUMENTS.

(a) Offense._Section 1029(a) of title 18, United States Code, is amended_

(1) by striking or'' at the end of paragraph (3); and

(2) by inserting after paragraph (4) the following new paragraphs:

(5) knowingly and with intent to defraud uses, produces, traffics in, has control or custody of, or possesses a telecommunications instrument that has been modified or altered to obtain unauthorized use of telecommunications services; or

********here is the section with the "biggie"******

(6) knowingly and with intent to defraud uses, produces, traffics in, has control or custody of, or possesses_

(A) a scanning receiver; or
^^^^^^^^^^^^^^^^^^^^^^^^

(I realize that there those of you that believe that the defraud term clears all casual monitors, but notwithstanding, I point out the new wording of the bill)

(B) hardware or software used for altering or modifying telecommunications instruments to obtain unauthorized access to telecommunications services,''.

(b) Penalty._Section 1029(c)(2) of title 18, United States Code, is amended by striking (a)(1) or (a)(4)'' and inserting (a) (1), (4), (5), or (6)''.

(c) Definitions._Section 1029(e) of title 18, United States Code, is amended_

(1) in paragraph (1) by inserting electronic serial number, mobile identification number, personal identification number, or other telecommunications service, equipment, or instrument identifier,'' after account number,'';

(2) by striking and'' at the end of paragraph (5);

(3) by striking the period at the end of paragraph (6) and inserting ; and''; and

(4) by adding at the end the following new paragraph:

(7) the term `scanning receiver' means a device or apparatus that can be used to intercept a wire or electronic communication in violation of chapter 119.''.

******note the difinition of "scanning receiver" now includes a large number of test equipment including spectrum analyzers, any radio receivers, even an old TV that has 83 channel UHF capability******

-------soap box mode on-------

We must unite to stop this outrage. When you talk to your congressman ask them to explain to you what the need is for this, what the real intent is, why this is felt to be necessary etc. Be prepared to explain why this bill is likely to be controverted to prohibit acts that are harmless etc.

WE beat them yesterday on the Crime BIll, there may be some hope yet on this. But we must ACT and act decisively.

-------soap box mode off------

Thank you for you attention in this very important matter.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

559. PRO-39 v. PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-08-12 13:28:47 UTC
From: <>
Message-ID: <32ftef$t3c@wizard.uark.edu>
Source record: 270389

Does someone have a 'diff' file on these two radios? I know there has
been a lot of discussion about the merits of each, but since I cannot
afford to replace my aging/ailing BC200XLT :-(, I ignored them.

Now, one of my officemates has gone out and purchased a PRO-39 - with very
little prompting from me, BTW :-) Anyway, he is now wondering whether or
not he should return it in favor of a PRO-43 (or even a '51).
Unfortunately, I can't offer much help in his decision, as I know little
about either.

Can someone post a list of relative merits of both? Or point me to a file?

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Peter Laws <plaws@comp.uark.edu> |"That's one small step for man, one giant
n5uwy@ka5bml.#nwar.ar.usa.noam | leap for Mankind" - Neil Armstrong 7-20-69

560. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-12 13:51:50 UTC
From: domonkos@access.digex.net
Message-ID: <IIuIkiubGw7A066yn@access.digex.net>
Source record: 270507
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

A major point I see many folks missing here is that 'precedents' are being set into law. This starts an avalanche of spin-off laws that restrict even further. Communication industry lobbyists and Congress went as far considering scanner bans based on similar restrictions in other third-world countries; is Congress ready to take this country to a new low? The day our legislators consider enacting third-world policies (Pres. Bush publicly commended Mexico on it's policies and law-enforcement) you can wave good-bye to democracy as we know it...

Andy

561. Re: newspaper journalist needs input

Newsgroup: rec.radio.scanner
Date: 1994-08-12 13:52:08 UTC
From: domonkos@access.digex.net
Message-ID: <AiuIkiubGYaB066yn@access.digex.net>
Source record: 270508

Why don't you do a research based on government cellular eavesdropping?

562. Re: Wanted Pro-51 Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-12 13:52:17 UTC
From: domonkos@access.digex.net
Message-ID: <okuIkiubG60T066yn@access.digex.net>
Source record: 270509

In article <32e5vi$gba@explorer.csc.com>, Nichols Scott wrote:
> Looking for mods to get into the lower Cell freqs 824mhz and higher.
> Anybody know anything???
>
> e-mail me at snichol2@csc.com
>
Repost from earlier:

There is an interesting test mode in the PRO-51 that, combined with the direct
search feature of the scanner, lets you pick up out-of-band frequencies. You
will have full access to the 66-88 Mhz ranges as well as the cellular base
range of 869-896 Mhz.

Actually, there are several test modes in the PRO-51 (most of these comments
should be true for any Uniden-made Radio Shack scanner, such as the PRO-46).
I'll describe them first and then how to take advantage of one of them to get
the restricted frequencies.

There are three data test modes. These modes completely destroy any frequencies
you had programmed into your scanner, so it's best to use these techniques
before you program your scanner. If you have already programmed it, you'll have
to decide if these new capabilities are worth reprogramming.

Test mode 0. Clear the scanner.
A well-known method of clearing the scanner to all zeros is to hold down the 2
key, the 9 key, and turn on the scanner. All frequencies will be lost.

TEST MODE 1. Fill channels 1-25 with test frequencies.

Press the 2 key, the 9 key, the L/Out key, and turn on the scanner.

This fills channels 1-25 with these frequencies:

1 30.050
2 40.840
3 49.900
4 138.150
5 162.400
6 173.225

7 406.875
8 453.250
9 511.9125
10 108.500
11 118.800
12 127.175
13 135.500
14 66.450*
15 76.825*
16 87.425*
17 157.800
18 482.3625
19 29.000
20 54.000
21 806.000
22 857.200
23 888.96*
24 911.500
25 954.9125

* indicates not within the PRO-51's normal coverage. More on how to use these
in a minute.

TEST MODE 2. Fill channels 1-17 with test frequencies.

Press 2, 9, Manual

Fills channels 1-17 with these frequencies:

30.00, 40.00, 50.00, 140.00, 155.00, 170.00, 410.00, 460.00, 510.00, 54.00,
109.00, 118.00, 127.00, 135.00, 810.00, 860.00, 950.00.

There is also a display diagnostic mode.

Display Test Mode.

Press 2, 9, Band or 2, 9, Moni.

This put the display in test mode. Every annunciator and every digit element is
turned on in a scan from the left side of the display to the right. To keep
this test mode continuous, release the buttons before the first scan finishes.
This mode does not affect stored memory. Press any key to exit this display
mode.

Now, if you've decided to try test mode 1, you will find several out-of-band
frequencies stored in your memory channels. Channels 14-16 hold

frequencies in
the blocked out 66-88 Mhz range, and channel 23 holds a frequency in the
blocked out cellular base range. Once you have these frequencies stored
in a
memory channel, the PRO-51's direct search feature will let you search
though
these ranges. In the cellular band, the scanner searches in the correct
30 Khz
steps.

You don't have to keep these frequencies in these channels. You can move
them
to any channel in the scanner. First move them to a monitor channel.

While on a channel with one of these frequencies, open squelch completely.
Press direct search button, either up or down. The direct search button
puts
the scanner into search mode and the open squelch holds the frequency.
Then
press the Monitor button. The frequency is now in the monitor channel
indicated
in the display.

Now you can move it to any regular memory channel in the scanner.

Enter the channel number
Press PROG
Press Monitor
Press the number of the monitor channel if the proper channel is not
displayed
Press E(nter)

The frequency is now permanently stored in the memory channel. You can do
a
direct search from this memory channel at any time.

The 66-88 Mhz range mainly covers TV audio. However, there is a strange
phenomenon concerning TV audio and the PRO-51. Channels 4, 5, and 6 audio
fall
within the 66-88 Mhz range, yet the PRO-51 will not pick up the audio
frequency
while searching in this range. However, TV channel 2 audio is at 59.75
Mhz.
When you add the intermediate frequency of 21.6 Mhz, you get an image of
the TV
channel 2 audio appearing at 81.35 Mhz. This does come in, although raspy,
since the PRO-51 is receiving in narrow FM mode while TV audio requires
wide
band FM mode for proper reception.

I'd be interested in anyone can verify that any of these test modes work
on the

PRO-46 or any other Uniden-made Radio Shack scanner.

The test modes I've described as modes 0 and 1 (clearing all channels and plugging in test freqs in the first 20 channels) have been around since the BC200XLT (I think also the BC100XLT). They also appear in the BC2500XLT, although I couldn't find any other test modes in that scanner. The BC220XLT allows you to do a display element test mode, but, unlike Jeff, I haven't confirmed any other modes as I don't want to wipe out all my channels. I expect that Uniden-made Radio Shack scanners will have at least these two modes and may have the other modes as well. I'm hoping a PRO-46 owner will test this for us.

I wish I could take the credit for coming up with this trick, although it's ironic that I had all of the relevant info in my head...I just didn't put it together.

The basis for this trick came from Glenn Cohen of Scanners Unlimited who was told this by someone who walked into his store. Glenn confirmed it with Larry Van Horn at Monitoring Times. I independently discovered modes 3 and 4, which, to my knowledge, have never been published before.

I did find the display test mode works on the BC220XLT but didn't want to lose all my memories to try the others. Thanks for biting the bullet and seeing what happens on yours! Of course, without the RS direct search feature, the test freqs in the Uniden-label scanners don't do much good.

563. PRO-44 Mods, Questions etc...

Newsgroup: rec.radio.scanner
Date: 1994-08-12 14:12:39 UTC
From: jdiem@netcom.com
Message-ID: <jdiemCuFE53.MqM@netcom.com>
Source record: 270511

I recently purchased a PRO-34, on an impulse then returned it for a
PRO-44 due to the 44 having more freqs. Now I am having some buyers
remorse and am wondering what you professional scannists think of the
PRO-44 both pro and con. Also is this unit modifiable and what benefit
would a mod bring? If there is a mod would some kind soul please e-mail
me the instructions on how to perform the required surgery. TIA!
--
"""""""

564. Re: Wanted Pro-51 Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-12 14:24:30 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-120894072518@earl.llnl.gov>
Source record: 270391

In article <okuIkiubG60T066yn@access.digex.net>, domonkos@access.digex.net (Andy Domonkos) wrote:
>
Stuff deleted
>
>
> There is an interesting test mode in the PRO-51 that, combined with the
> direct
> search feature of the scanner, lets you pick up out-of-band frequencies.

Note that the test feature will not work on newer PRO-51's.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

565. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-12 14:49:16 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug12.094916.2774@hnrc.tufts.edu>
Source record: 270505
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <crispCuF8Gt.29I@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
> In article <1994Aug11.231241.2773@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
>>difficult to fight because, no matter what we may think its intent may be, the
>>wording is unambiguous--"and with intent to defraud". I choose not to draw the
>>line here, because however well-intentioned I might be, I would have to oppose
>>legislation that, on its face, is out to prevent fraud by imposing restrictions
>>that are not already in the law. I don't see how one can fight the bill
>>without contributing to the false impression of an "outlaw" hobby.
>
> Which is exactly why I am very disturbed when some newspaper guy gets on
> the newsgroup and asks us to talk about monitoring cellphones.

I'm equally disturbed when the request demonstrates that the individual has
been too lazy to read the newsgroup.

566. Dissonance

Newsgroup: rec.radio.scanner
Date: 1994-08-12 14:53:13 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug12.095313.2775@hnrc.tufts.edu>
Source record: 270506

Richard Crisp on Richard Crisp? :-)

> From: crisp@netcom.com (Richard Crisp)
>
> Those that resort to personal attacks have shown us that they have nothing
> of substance to say.

> From: crisp@netcom.com (Richard Crisp)
>
> Trouble is that the congressslime are now lending a sympathetic
> ear to their complaints now that the Socialists (democrats)
> have control of the white house, the house and the senate.

Certainly, inflamtory language can *only* take away from the message the poster is trying to get across.

567. Re: Update: Newly revised "Scanner Ban" bill

Newsgroup: rec.radio.scanner
Date: 1994-08-12 15:06:33 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug12.100633.2776@hnrc.tufts.edu>
Source record: 270510
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <crispCuFAK0.3oo@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
> ********here is the section with the "biggie"******
>
> (6) knowingly and with intent to defraud uses, produces, traffics in,
> has control or custody of, or possesses_
>
> (A) a scanning receiver; or
>
> We must unite to stop this outrage. When you talk to your congressman
> ask them to explain to you what the need is for this, what the real
> intent is, why this is felt to be necessary etc. Be prepared
> to explain why this bill is likely to be controverted to prohibit
> acts that are harmless etc.
>

Again, it is difficult to oppose a bill that unequivocally prohibits something "with intent to defraud" without making it easy for others to paint any listening as an "outlaw" hobby. The problem is not with this bill but with the ECPA that prohibited listening to certain unencrypted through-the-air transmissions.

I would must rather have this bill and no ECPA than the ECPA without this bill. Perhaps, Crisp is right with his cataclysmic view of events. I would withhold my objections to this bill, as worded, but I would respond immediately to any legislation that seeks to deny us the right to simply listen to the spectrum.

If the hobby were organized, I would prefer we trade support for this legislation in exchange for relaxing the provisions of the ECPA that prohibit listening to the forbidden frequencies.

568. Re: 928mhz radio station???

Newsgroup: rec.radio.scanner
Date: 1994-08-12 15:23:57 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.65.00096674@chevron.com>
Source record: 270380

In article <1994Aug11.154057.11399@sequent.com> justin@sequent.com (Justin Bousquet) writes:

>I was talking to my friend (RIGHT!) and he said he heard music being
>played on 928.937.5 mhz. What does this freq. mean? Why is it so
>high?? He said (RIGHT!!!) that he listened for a little while (like
>two songs) and they didn't play any station ID's... He says it was
>LIGHT music...(elevator music describes it best...) I don't know what
>in the hell it is, I would like to find out though. If you have ANY
>ideas please reply via post/email....

>I thought that is may be a business on hold music (but WHY over the
>radio waves???)...

Might be Muzak (or similar). We subscribe to it for MOH. We have an antenna on the roof of our PBX building that looks like it would run about 900MHz. I've never bothered to ask about the frequency since we don't maintain it. But they ID. A lot of radio stations will only ID once an hour (usually at the top of the hour).

Did you hear the music clearly or did it sound clipped off or broken?

I was hearing interference on my IC-R7000 in the office at 441.750. Sounded like adjacent channel interference but I could tell it was music. I had to switch to wide FM to hear it clearly and found the signal centered more around 441.805. Heard the broadcast ID of KFRC. I found the offending radio with the young lady at our front desk. Turned it off and the music on my receiver (and my two service monitors) went away. She now has a new radio - we are all happy. You could have someone close by with a "dirty" receiver.

Perhaps it was a cordless phone and the party was on hold - for a LONG time - maybe they were calling the DMV?

Just thought of something else... I remember seeing wireless stereo speaker systems advertised the brag about "NEW 900 MEGAHERTZ TECHNOLOGY". Maybe you have a neighbor that is using something like this. Compact Discs don't identify.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

569. Re: 900 MHz spread spectrum systems

Newsgroup: rec.radio.scanner
Date: 1994-08-12 15:57:51 UTC
From: smasters@bzy.gmu.edu
Message-ID: <32g65v$651@portal.gmu.edu>
Source record: 270513
Cross-posted to: sci.crypt,rec.radio.amateur.digital.misc,rec.radio.scanner

Michael S. Morgan (mmorgan@solar.NoSubdomain.NoDomain) wrote:
: Wasn't one of the main purposes of spread spectrum to make it
: harder to jam a signal? The encryption is just ancillary, and
: not that good? The encryption only becomes secure when you
: use a one time pad...right?

: Mike

Spread spectrum was not developed as an encryption scheme. The
properties that makes it desirable are :

Protection against jammers. This is measured in the AJ (anti-
jam) ratio. Some simple math shows how much more jammer
energy is needed to cause bit errors(digital communications)

Low probability of intercept. SS signals can be placed below the
noise floor in many cases. This means that covert operation
can be conducted with some communications.

Most people confuse the encryption with the last one. If the method
for spreading and the code is known, a little bit of work will show you the
signal. For more information I believe Sklar's "Digital Communications" has
a chapter on it. This was the text that was used when I took a class on this,
and it seemed pretty good.

73,
Shawn KE4GHS

570. Re: Qs on no code FCC test and hardware

Newsgroup: rec.radio.scanner
Date: 1994-08-12 15:59:50 UTC
From: cravitma@cps.msu.edu
Message-ID: <32g69m$t03@msuinfo.cl.msu.edu>
Source record: 270512

Kim McKelvey (apple.com) wrote:
: I know this question has probably been ask a hundred times before but I’am
: new to amateur radio, and internet, and I’want to know exactly what
: frequencies you can operate on with the no code license. Such as 2m,
: 220mhz, 440mhz 6m, etc..? Also, what brand(s) of handheld and desktop

Yes. :) A Technician class licensee can operate an all amateur
frequencies in the 6m and higher bands.

I'll leave equipment reccomendations to others, but the Alinco DJ-580
handheld seems quite popular among the hams here on campus. (And I
like my discontinued Yaesu FT-470 a lot too.)

BTW, any special reason why your message did not provide a username in
the header so I could reply by e-mail?

/Matthew

--
Matthew Cravit, N9VWG | Finger cravitma@cps.msu.edu
Michigan State University | for a random quotation
E-Mail: cravitma@cps.msu.edu +----------------------------
PGP 2.3 public key available from http://web.cps.msu.edu/~cravitma

571. Re: Update: Newly revised "Scanner Ban" bill

Newsgroup: rec.radio.scanner
Date: 1994-08-12 16:13:30 UTC
From: briskin@binah.cc.brandeis.edu
Message-ID: <1994Aug12.161330.17993@news.cs.brandeis.edu>
Source record: 270516
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Mr. Crisp says:

>We beat them yesterday on the crime bill.

By using "we" and referring to the crime bill, which has absolutely nothing to do with scanning or the anti-monitoring legislation, Mr. Crisp is attempting to turn this group into a forum for his right wing views. There are a lot of Republican freedom-bashingl proposals I would love to bring into this discussion, but I do not do so because this is not the proper place to discuss such matters, there being plenty of other newgroups for that kind of discussion.

Strange as it might be seem, it IS possible to discuss these laws WITHOUT bringing party politics or extremist views into it. It is appropriate for Mr. Crisp and others to advocate writing to one's Congressperson to express one's displeasure. To use a very confusing piece of legislation as a means to attack a political party and bring in unrelated issues cheapens the argument and raises questions over one's motives.

I have always been impressed by Mr. Crisp's encyclopediac knowledge of radio and his patient willingness to answer questions and dispense valuable radio-related advice. His recent ad hominem attacks on people whose views he does not believe in, unfortunately, has damaged his credibility, in my opinion. opinion,

Jeff Briskin
Brandeis University

572. PGA/CBS

Newsgroup: rec.radio.scanner
Date: 1994-08-12 16:15:54 UTC
From: mike.reynolds@michaelr.com
Message-ID: <94081211252014@michaelr.com>
Source record: 270402

The PGA is in Tulsa this weekend. Can anyone help with PGA or CBS frequencies? TNT is using 450.25 UNCENSORED KEY DOWN all day for TV director control.
Mike Reynolds W0KIE

573. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-12 16:34:59 UTC
From: joeh@connected.com
Message-ID: <32g8bj$p07@gibeah.connected.com>
Source record: 270514
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

Jamie Hanrahan, Kernel Mode Systems came off saying that::
: In article <crispCuAuDB.7xt@netcom.com>, crisp@netcom.com (Richard Crisp) writes:

: > Since you are not an
: > active participant in the conversation, you are "unauthorized".
: > Since you "could" gain access to information that could be used
: > in a fraudulent act (such as getting a credit card number if someone
: > gives one out over the phone, for example), you could easily
: > be charged with "knowingly with intent to defraud access a telecommunications
: > service in an unauthorized manner".

: That's true today.

I just picked up this thread due to a toast host. From what I was able
to gleam it is a amendment to 18USC1029. I fail to see how a scanner
used in a NAM raiding scheem would fail to qualify as an "access device
making equipment" under 1029. I have a great amount of experiance with
this certian law as I believe that I hold the world record for defrauding
a long distance carrier (US$30,000,000~). In my case the "access device
making equipment" was a C=64 with a home brew telco interface. That
little '64 got me 6 years with a 5 tail back in '87. I'm sure that if I
had used a scanner and a computer to collect NAM's and ESN's it would
very much still be collection of access devices and as soon as I
collected over 15 of them the Secrect Service would once again be wanting
to talk to me (in fact a while ago in Seattle I was being hasseled
(questioned deeply) when someone else was doing this).

Just my 2 cents (US), I'll post better later when the coffe hits the
brain :)

-Joe

--

| Joe Hamelin KB7WAI | tampico@teleport.com | Without love in the dream |
| Tampico, Washington | joeh@connected.com | it'll never come true. |
---

574. Re: Update: Newly revised "Scanner Ban" bill

Newsgroup: rec.radio.scanner
Date: 1994-08-12 17:10:32 UTC
From: domonkos@access.digex.net
Message-ID: <gRxIkiubG-f4066yn@access.digex.net>
Source record: 270407
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

```
In article <crispCuFAK0.3oo@netcom.com>, Richard Crisp wrote:
>
> (6) knowingly and with intent to defraud uses, produces, traffics in,
> has control or custody of, or possesses_
^^^^^^^^^^
>
> (A) a scanning receiver; or
> ^^^^^^^^^^^^^^^^^^^^^^
>
> (I realize that there those of you that believe that the defraud
> term clears all casual monitors, but notwithstanding, I
> point out the new wording of the bill)
>
> ******note the difinition of "scanning receiver" now includes
> a large number of test equipment including spectrum analyzers,
> any radio receivers, even an old TV that has 83 channel UHF
> capability******
>
>
.......

> WE beat them yesterday on the Crime BIll, there may be some hope
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
> yet on this. But we must ACT and act decisively.
>
> --
> Richard Crisp Cupertino, Ca. crisp@netcom.com
> (415) 903-3832 wk (408) 253 4541 fax
> For PGP Public Key, type finger crisp@netcom.com
> "It is a good thing that we do not get as much government as we pay for"
> -Will Rogers

The free usage of the terms 'possession' an 'or' lends flexibility to the
judicial system to interpret the new laws in future cases as seem fit
(or to fit the crime)...

The Crime Bill was beaten due to the realization that half our Congress
representatives would have to be imprisoned for their present behaviour...

Andy

------------------------------------------------------------------
Stock up on them scanners' boys, the Commies, er, I mean, the Fed's
are comin...
------------------------------------------------------------------
```

575. Re: R7000/7100

Newsgroup: rec.radio.scanner
Date: 1994-08-12 17:10:53 UTC
From: domonkos@access.digex.net
Message-ID: <xYxIkiubGws4066yn@access.digex.net>
Source record: 270408

In article <1994Aug12.121144.15701@rsd.dl.nec.com>, Dave Rogers wrote:
> In article <4uZIkiubGglI066yn@access.digex.net>, domonkos@access.digex.net (Andy Domonkos) writes:
> |> >
> |> > I'm not going to speculate why Icom blocked the entier 800 range but i'll
> |> > tell you this: If I could buy a unit with 800 continuous, I would do so.
> |> > Looks likle they're about to cut themselves out of a lot of business!
> |> >
> |> Not really, not if the govt buys their stock in large quantities.
>
> When I first tried to by my R7100 just as thay were announced I couldn't
> find one anywhere. A conversation with the Icom reps at a local hamfest
> revealed the problem. It seems that a certain US agency orderd 10,000
> of the radios. Icom allowed as how orders were backlogged a little
> because of that.
>
> dave
>
> ===
> Dave Rogers Internet: dave@rsd.dl.nec.com
> M & R Software, Inc. CIS: 76672,2455
>
> In the absence of leadership, we have decided to follow ourselves.

That order came about thanks to my employer (comm's consultant for the govt).

Andy

576. Re: Scanner Ban

Newsgroup: rec.radio.scanner
Date: 1994-08-12 17:34:32 UTC
From: joeh@connected.com
Message-ID: <32gbr8$rqj@gibeah.connected.com>
Source record: 270520

Thank you very much Richard for taking the time to type and post the sections from the law books. Though I may disagree with your reading of the law I am very grateful that you posted the text so that we may discuss it in an informed manner.

Please keep poking your light in the dark corners!

-Joe

--

| Joe Hamelin KB7WAI | tampico@teleport.com | Without love in the dream |
| Tampico, Washington | joeh@connected.com | it'll never come true. |

577. [WANTED] MODS FOR PRO-2026 EXCLUDING CELL RESTORE

Newsgroup: rec.radio.scanner
Date: 1994-08-12 17:40:01 UTC
From: amospress@aol.com
Message-ID: <32gc5h$2qh@search01.news.aol.com>
Source record: 270522

What any mods for the PRO-2026. Already have the cell restoration mod.
Any help will be appreciated. Thanks

Steve

578. Re: Dissonance

Newsgroup: rec.radio.scanner
Date: 1994-08-12 18:13:47 UTC
From: dseitel@crl.com
Message-ID: <32ge4r$mee@crl5.crl.com>
Source record: 270524

Jerry Dallal wrote:

> Certainly, inflamtory language can *only* take away from the
> message the poster is trying to get across.

I agree. Mr. Crisp clearly has the intellectual faculties he
needs to get his point across and persuade the reader without
using loaded terms and epithets.

David S. Eitelbach
dseitel@crl.com

579. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-12 18:37:23 UTC
From: cdt@sw.stratus.com
Message-ID: <32gfh3$ssa@transfer.stratus.com>
Source record: 270523
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <MiZIkiubGATH066yn@access.digex.net>, domonkos@access.digex.net (Andy Domonkos) writes:

> > Any guesses on how long before a civil war results?

> Considering how well manipulated the media is and how disorganized and
> non-unified the people are, probably never. The most the average citizen
> is worried about is having enough beer in the fridge and is the ball
> game on tonight? (I'm having a can of Molson's Golden while writing this,
> I'm not picking on a group).

So who's ahead?

:-)
--

cdt@rocket.sw.stratus.com --If you believe that I speak for my company,
write today for my special Investors' Packet...

580. Beaufort SC Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-08-12 19:00:16 UTC
From: jlloyd@aristotle.cs.clemson.edu
Message-ID: <32ggs0$q89@hubcap.clemson.edu>
Source record: 270381

I'm planning a camping trip to Hunting Island near Beaufort SC.
If anyone has any interesting frequencies for that area such as
frequencies for Parris Island or Coast Guard could they please
e-mail them to me.

Thank You,

John

--
John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

581. Re: Qs on no code FCC test and hardware

Newsgroup: rec.radio.scanner
Date: 1994-08-12 19:48:38 UTC
From: gbelton@cris.com
Message-ID: <C2ylkaste-vA065yn@cris.com>
Source record: 270377

In article <apple.com-110894140114@goofy-2.apple.com>, Kim McKelvey wrote:
> new to amateur radio, and internet, and I want to know exactly what
> frequencies you can operate on with the no code license. Such as 2m,

The no-code license allows use of all amateur frequencies and modes above
50 Mhz. This includes the 6m, 2m, 220 Mhz, 440 Mhz, and higher bands.

> 220mhz, 440mhz 6m, etc..? Also, what brand(s) of handheld and desktop
> radios are the popular ones. I want something that is going to be reliable

Icom, Kenwood, Yaesu, and others. There are NO unreliable or badly made
radios on the market today, IMHO. There may be some that lack features
which you want, but they are all good.

> and have user friendly features. One more thing, I need recommendations on
> amateur radio and satellite magazines.

It depends on what you are interested in. QST, published by the ARRL, is
the standard reference. It has a good mix of construction articles, news
items, and FCC updates. 73 magazine has good construction articles and
wonderful ranting editorials by Wayne Green. CQ magazine is mostly of
interest to people who like contests and awards chasing.

Gerald Belton, N5GDC
gbelton@cris.com

582. Re: PGA/CBS

Newsgroup: rec.radio.scanner
Date: 1994-08-12 19:55:49 UTC
From: tonyf@meaddata.com
Message-ID: <32gk45$n4o@meaddata.meaddata.com>
Source record: 270382

In article <94081211252014@michaelr.com>, mike.reynolds@michaelr.com (Mike Reynolds) writes:
|> The PGA is in Tulsa this weekend. Can anyone help with PGA or CBS
|> frequencies? TNT is using 450.25 UNCENSORED KEY DOWN all day for TV
|> director control.
|> Mike Reynolds W0KIE

TRY 151.625, 151.925, 151.955, 469.550. Let me know if they work.

--
|Tony Feldkamp |Eat well, | (513) 865-7831
|Mead Data Central |Get plenty of sleep,| PDO _ DE
|P.O. Box 933 |Go like hell ! | tonyf@meaddata.com
|Dayton, Ohio 45401 | | !uunet!meaddata!tonyf

583. Frequencies for Traverse City, MI

Newsgroup: rec.radio.scanner
Date: 1994-08-12 20:14:27 UTC
From: cravitma@cps.msu.edu
Message-ID: <32gl73$ifm@msuinfo.cl.msu.edu>
Source record: 270383

I will be in Traverse City, MI next weekend for 4 days. If anyone has any interesting frequencies for that area (Grand Traverse County area), please e-mail me. I am looking mainly for Pol/Fire/Amb/Air, but anything else interesting and different will be appreciated.

Please mail to cravitma@student.msu.edu, because this account may be deleted this week. Also, I need these before I leave on the 18th, because I will be off net for several weeks after that.

/Matthew

--
Matthew Cravit, N9VWG | Finger cravitma@cps.msu.edu
Michigan State University | for a random quotation
E-Mail: cravitma@cps.msu.edu +----------------------------
PGP 2.3 public key available from http://web.cps.msu.edu/~cravitma

584. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-12 20:34:51 UTC
From: guthery@zilker.net
Message-ID: <guthery.8.00149548@zilker.net>
Source record: 270449

In article <kPeIkastekm7065yn@cris.com> gbelton@cris.com (Gerald Belton) writes:
>From: gbelton@cris.com (Gerald Belton)
>Subject: Re: Legal scanner states
>Date: 12 Aug 1994 08:25:19 -0400

>In article <CuByLn.27C@metronet.com>, Charles Copeland wrote:
>> Makes me nervous as to what behavoir they are up to that would
>> make them uncomfortable with the public to have the ability to
>> hear them.

>Two word: Rodney King

One word: Waco

>gb

585. Re: Wanted Pro-51 Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-12 20:35:27 UTC
From: gpalmer@blue.weeg.uiowa.edu
Message-ID: <32gmef$2lll@blue.weeg.uiowa.edu>
Source record: 270388

ross@novax.llnl.gov (Gary Ross) writes:

>> There is an interesting test mode in the PRO-51 that, combined with the
>> direct
>> search feature of the scanner, lets you pick up out-of-band frequencies.

>Note that the test feature will not work on newer PRO-51's.

Question: how can you tell the difference between an older PRO-51 vs.
the newer PRO-51? Did they append an "A" to the part number, like they
did to the PRO-2006 with the light on/off vs light dummer switch?
If I were interested in a purchase and wanted to know the difference,
would I have to fire up a new unit and actually go through the keystrokes
to find out?

Does anyone have proof that there are two different versions of the PRO-51
out there. It surprises me a bit, seeing how new this unit is.

Finally, does anyone know of any desirable enhancement of the newer unit
that the old one lacked?

Thanks in advance.

586. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-12 20:39:20 UTC
From: stdausti@cicero.spc.uchicago.edu
Message-ID: <1994Aug12.203920.18263@midway.uchicago.edu>
Source record: 270386
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <znr776617364k@Digex> croaker@access.digex.net writes:
>
>In article <1994Aug10.153645.23284@mixcom.mixcom.com> kevin.jessup@mixcom.mixcom.com
writes:
>
>> How long before we are the Socialist States of America? On a scale starting
>> with time zero being 1776 and 100 being socialism, where do you put us
>> now? Fifty years from now?
>
>Now I figure we're at around 75-80. We'll be at 100 in less than twenty
>years, never mind fifty.
>
>>
>> Any guesses on how long before a civil war results?
>
>Never, unless we do a better job of organizing and agitprop.
>--
>"Apparently on New Texas, killing a politician was not _malum in se_, and was
>_malum prohibitorum_ only to the extent that what the politician got was in
>excess of what he deserved."
> -H. Beam Piper, _Lone Star Planet/A Planet For Texans_

As previously requested, could we PLEASE drop this stuff about Libertarianism,
Socialism, etc. from rec.radio.shortwave. If you have somehting to say
about shortwave radio FINE, otherwise post it in a RELEVANT group.

587. Re: Wanted Pro-51 Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-12 20:56:45 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug12.155645.2778@hnrc.tufts.edu>
Source record: 270384

In article <ross-120894072518@earl.llnl.gov>, ross@novax.llnl.gov (Gary Ross) writes:

> Note that the test feature will not work on newer PRO-51's.

What new PRO-51? Can you specify a part number, serial number, or
manufacturing date (<mo>A<yr>)? Isn't the point of the current sale
to get rid of the PRO-51 entirely?

588. Re: Text of new digital communications protection act

Newsgroup: rec.radio.scanner
Date: 1994-08-12 20:58:56 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug12.155856.2779@hnrc.tufts.edu>
Source record: 270385

In article <1$YIkiubGoD6066yn@access.digex.net>, domonkos@access.digex.net (Andy Domonkos) writes:
> In article <1994Aug10.190452.2763@hnrc.tufts.edu>, Jerry Dallal wrote:
>>
>> Sure. The new food labeling law. It's cost industry 1.6 billion and many are
>> hopping mad about it.
>
> Yes, but has new branch of govt been created?

No.

> Are there new/redirected
> govt employees on the payroll? (See where I'm heading?)

To a tautology? Why bother?

589. Re: Wanted Pro-51 Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-12 20:59:56 UTC
From: dm281@cleveland.Freenet.Edu
Message-ID: <32gnsc$dv2@usenet.INS.CWRU.Edu>
Source record: 270387

Some lady at Rat Shack told me that after implementing the standard mods on
the Pro-51, you can only direct access frequencies and can't scan them
or store them in banks. Is this true? Also, are the mods permanent, i.e.,
if you turn of the unit or take the batteries out, will they still remain?

Thanks,
Ken
--
kvlee@cco.caltech.edu | Caltech | GO
kvlee@romeo.caltech.edu | MCS #614 | CALTECH
dm281@po.cwru.edu | Pasadena, CA 91126-0001 | BEAVERS
"The actuality of thought is life." --Aristotle

590. Re: Where to get keps

Newsgroup: rec.radio.scanner
Date: 1994-08-12 21:29:44 UTC
From: coyote@fx.net
Message-ID: <32gpk8$nav@world.fx.net>
Source record: 270400

James E. Thomas (jthomas@hookup.net) wrote:
: Is there anywhere on the internet where I may download the keps for some of
: the satelites out there?

Look in rec.radio.amateur.space. They post the NORAD 2-line list
weekly. They have info on getting list that are updated daily. I have
also gotten the list from NASA at spacelink.msfc.nasa.gov (192.149.89.61).
Till later, Si B.

591. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-12 22:00:49 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <32greh$ghu@mozo.cc.purdue.edu>
Source record: 270416
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

briskin@binah.cc.brandeis.edu writes:

>Richard Crisp blames President Clinton and the Democrats for the scanner
>laws...
>
>Mr. Crisp, I think the last thing this group needs is politcal posturing,
>expecially when it is unsupported by facts. FYI, the anti-scanning laws
>were written during REPUBLICAN administrations, and you can sure bet that
>Geo. Bush would have signed them into law had he been elected. Frankly,

Agreed whole-heartedly, and in fact, the scanner ban WAS signed
into law by Bush before he left office.

>
>If you're going to blame someone, put it where it belongs: the cellular
>lobby and the FCC bureaucrats and Congresspeople who listen to them,
>regardless of which party they belong to. The

And congresscritters who are willing to have their votes bought....

Duane

592. DVP - MDT

Newsgroup: rec.radio.scanner
Date: 1994-08-12 22:02:34 UTC
From: rdc@freenet.vancouver.bc.ca
Message-ID: <32grhq$1pi@freenet.vancouver.bc.ca>
Source record: 270403

Has anyone got any documentation (or anything!) on DVP or MDT (Motorola).
I'm of the opinion that DVP would be tough to decode; MDT may be as tough
as packet radio ....

Any thoughts ?

(Please don't POST to ask what DVP or MDT are, mail me if you must).

--
+-+ .ASM Software Systems +
+ RDC rdc@freenet.vancouver.bc.ca + Assembly Solution Managers +
+ uunet!m2xenix!puddle!1!0!dalton.clark + Solution Managers Solution +
+ dalton.clark@p0.f0.n1.z1.fidonet.org + Managers Assembly Assembly +
+-+ ASM will solve it or nothing +

593. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-12 22:04:13 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <32grkt$gji@mozo.cc.purdue.edu>
Source record: 270417
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:

>In article <crispCu8C7t.5sp@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
>> SECTION 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO
>> INSTRUMENTS.

<snip>

>I don't see a problem. The first few words say "knowingly AND with intent to
>defraud". Sure, I possess a scanning receiver, but not with "intent to
>defraud" anybody. Similarly, Optoelectronics produces hardware and software
>that modifies scanning receivers -- but not so that they can be used to
>"obtain unauthorized access to telecom services".

>The point of this bill is to target the folks who, from a car next to yours,
>use a scanner to pick up the NAM and other codes from your cellphone, program
>their own or someone else's cellphone to mimic yours, and make calls on your
>tab.

>I agree that there's no need for a specific law here, existing laws against
>wire fraud cover it just fine, but I don't see an "evil freedom-grabbing
>scanner ban" here either.

The danger is in the *precedent* that has been set, to wit, that
any special interest group using part of the communications spectrum
can, with enough cash, get a ban passed that not only makes it illegal
for you to listen to "their" part of the spectrum, but banning equipment
as well.

Don't think it won't happen AGAIN. Their is a thing happening
now called the "spectrum auction" that will essentially offer up
chunks of spectrum use to the highest bidder....

Duane

594. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-12 22:07:04 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <32grq8$gkd@mozo.cc.purdue.edu>
Source record: 270418

gcortevi@nyx10.cs.du.edu (Greg Corteville) writes:

>Also, is there any chance that if we push hard enough we can have the
>cellular capable scanner ban repealed?

Contact Sen. Coats of Indiana - he was opposed to the thing
in the first place and commented about a possible repeal....

Duane

595. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-12 22:10:00 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <32grvo$gku@mozo.cc.purdue.edu>
Source record: 270419
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

crisp@netcom.com (Richard Crisp) writes:

>All it would take is for one person to decide to target you, and your
>ass is grass! If there were a couple of convictions that stuck, it
>will be a simple extension to have the FCC declare that all scanning
>receivers are intended to enable people to use them in a manner to fraudulently
>gain access to telecommunications services and therefore by a simple
>amendment to their rules (they are empowered to do this btw), refuse
>to type certify all scanning receivers.

>This must be stopped!

Agreed. BUT in fairness it must be pointed out that these laws
were NOT the FCC's idea, they were shoved down the FCC's throat by
congrescritters. GO AFTER THE CONGRESSCRITTERS, AND GO FOR TERM LIMITS
TO REMOVE THE POWER BLOCS FROM CONGRESS.

Duane

596. Re: Text of new digital communications protection act

Newsgroup: rec.radio.scanner
Date: 1994-08-12 22:21:04 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <32gskg$gvb@mozo.cc.purdue.edu>
Source record: 270404
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

domonkos@access.digex.net (Andy Domonkos) writes:

>I caught the tail-end of ABC World New last night when they reported about
>a new National Reconnaisance branch of the government, anyone catch that?

The NRO (National Reconnaisance Office) isn't anything new.
It appears to have been around for quite some time, and serves/served as
a means for coordinating the use and information gathered by our
Intelligence assets. Primarily these are assets such as spysats,
spy planes, etc.

My belief (unsubstantiated) is that the NRO probably was created
(in secret) back in the days when the CIA and the USAF were bickering
about who should control aerial recon. programs.

If you want to get some history on this stuff, pick up a copy
of Burrow's book, "Deep Black". A very interesting treatise on the
subject.

Duane

597. Re: Text of new digital communications protection act

Newsgroup: rec.radio.scanner
Date: 1994-08-12 22:23:54 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <32gspq$h0q@mozo.cc.purdue.edu>
Source record: 270405
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

domonkos@access.digex.net (Andy Domonkos) writes:

>In article <1994Aug10.190452.2763@hnrc.tufts.edu>, Jerry Dallal wrote:
>>
>> Sure. The new food labeling law. It's cost industry 1.6 billion and many are
>> hopping mad about it.

>Yes, but has new branch of govt been created? Are there new/redirected
>govt employees on the payroll? (See where I'm heading?)

>Andy

Maybe - but the fact of the matter is that big food companies have
been lying to you (or at best, hiding the truth from you) for decades
about what goes into the foods you buy. The labelling law allows you
to make less obnoxious (and in some cases, safer) food choices in the
grocery stores and do so for the first time on the basis of something
that comes close to a consistant standard.

Duane

598. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-12 22:27:45 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <32gt11$h1k@mozo.cc.purdue.edu>
Source record: 270406

john.tant@exchange.com (John Tant) writes:

>DMUNROE@VCD.HP.COM writes:

>>It's so damn silly the way some people get bent out of shape over
>>scanners. I know a few cops and one of them in particular really
>>hates them.

I wonder WHY? You might ask him that question and if he
answers you honestly, you might find out that because there are
a bunch of nut cases out there who like to use the information
gained from scanning local police frequencies to do things like
try and go and direct traffic, sell legal services to victims on
the site (and get in the way) etc.

>I'll tell you what. I've know quite a few who felt that the average
>citizen had no right or legitimate need to hear what they were doing.
>Cops with that kind of attitude make me nervous about our freedoms.

>John

Aside from which, it can be argued that if the cops really want to
hide what they are doing, many if not most departments already have
scrambling equipment - they could just scramble EVERYTHING.

Duane

599. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-12 22:31:08 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <32gt7c$h5v@mozo.cc.purdue.edu>
Source record: 270413

crisp@netcom.com (Richard Crisp) writes:
>>
>>
>>I'll tell you what. I've know quite a few who felt that the average
>>citizen had no right or legitimate need to hear what they were doing.
>>Cops with that kind of attitude make me nervous about our freedoms.
>>

>Chances are better than even that those cops also do not like
>it that you can own a gun either.

Sorry, but that isn't supported in all cases. While there are
cops who support gun bans and so forth, there are also an awful lot
of them who do NOT.

An awful lot of cops are aware of the statistics about how
many crimes are actually *prevented* by homwowners who ARE armed. I
don't have these statistics in front of me, but it is more than you might
think. Usually, these homwowners do not even have to discharge their
firearms, but merely clearly demonstrate their willingness to do so.
Most petty burglars value their lives more than their loot......

Duane

600. Re: Update: Newly revised "Scanner Ban" bill

Newsgroup: rec.radio.scanner
Date: 1994-08-12 22:31:21 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <32gt7p$9df@umcc.umcc.umich.edu>
Source record: 270409
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Give em hell Richard. The beautiful thing about the Internet is the
Liberals can't stop you or anyone else from writing the truth..
Les

601. Re: Qs on no code FCC test and hardware

Newsgroup: rec.radio.scanner
Date: 1994-08-12 22:37:48 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.66.0010A1C6@chevron.com>
Source record: 270410

In article <apple.com-110894140114@goofy-2.apple.com> apple.com (Kim McKelvey) writes:

>I know this question has probably been ask a hundred times before but IJam
>new to amateur radio, and internet, and IJwant to know exactly what
>frequencies you can operate on with the no code license. Such as 2m,
>220mhz, 440mhz 6m, etc..? Also, what brand(s) of handheld and desktop
>radios are the popular ones. I want something that is going to be reliable
>and have user friendly features. One more thing, I need recommendations on
>amateur radio and satellite magazines.

You have all operating priviIeges above 30 MHz with a technician license. BTW
there is a rec.radio.amateur.<something> group you should look at.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

602. Re: AR1000 tuning knob flaky?

Newsgroup: rec.radio.scanner
Date: 1994-08-12 23:33:22 UTC
From: joe@netcom.com
Message-ID: <joeCuG43n.9nD@netcom.com>
Source record: 270412

The tuning function is an Alps mechanical switch selecting sn
up-down counter. Last time I checked, you could order a replacement
switch from Ace. You may want to try to carefully seep a bit of
WD-40 as it acts as a contact cleaner (be careful to use a very small
amount.

--Joe

--

Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046
---

603. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-13 00:46:57 UTC
From: crisp@netcom.com
Message-ID: <crispCuG7IA.3Bx@netcom.com>
Source record: 270390
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <lIuIkiubGw7A066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:
>A major point I see many folks missing here is that 'precedents' are being
>set into law. This starts an avalanche of spin-off laws that restrict

Which is exactly what has already happened relative to the present "cell capable scanner ban". For the first time in the history of the US it is now illegal to sell a radio receiver based on the frequency coverage it has. This is an important precedent.

By way of analogy, in 1986 the Federal laws were changed to make it illegal to manufacture machineguns for sale to the civilian population. What we are seeing now is that the Feds are trying to now make it illegal to manufacture/sell semiautomatic firearms for sale to civilians. The point whether you like guns or not is that once the precedent gets set of "its ok to ban a class of widgit based on its capabilities" it is therefore a simple extension of that philosophy to bring more items under the coverage of the ban. The 1986 machinegun ban was the first time in the history of the US that it became illegal to manufacture a particular class of firearm for sale to civilians.

Precedent is a very important feature of the legal system in the US. When laws are challenged or convictions are challenged, the appellate courts always look for precedent for guidance on how to rule. In the presence of precedent, they are obligated to rule in the same way given the same basic scenario.

A while back the ARRL took some heat in this forum because they had not "vigorously opposed" the scanner ban when they were asked. Unfortunately unconcerned about establishing a precedent that could be later used to justify additional restrictive legislation that could affect something they cared about, they simply chose to usurp their duty to come to the defense of their unorganized scanner bretheren. It would have been far better for them to have adopted a "Nato Policy" of "an attack on any radio hobbyist is an attack on all radio hobbyists" from my perspective.

I personally believe not doing so was extremely short sighted on their part part as the legislation I have been providing updates on recently may cause the ARRL members some grief. It is entirely feasible that the proposed bill may for example cause most RTTY decoders as we know them today to be banned since they may be used for intercepting "electronic communications" notwithstanding their uses in amateur communications. For example I know that Interpol uses SITOR (AMTOR) for sending sensitive traffic and often do so

in the clear.

If this comes to pass they will be mighty upset and may realize that
there was a reason to oppose the scanner ban of 92 because the
"bannit Genie" is now out of the bottle and he *really* likes his
freedom.....

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

604. Freq's for Broadway Mic's?

Newsgroup: rec.radio.scanner
Date: 1994-08-13 00:59:28 UTC
From: deleon@netcom.com
Message-ID: <deleonCuG835.4HF@netcom.com>
Source record: 270392

Okay, this is an odd question, but here goes...
Does anyone out there have freq's for the wireless mic's
used in Broadway theatres? Can they be picked at up any
distance at all? I'm going to be staying in a hotel
which is surrounded by several theatres and would
like to see what I can get.
Any other suggestions for New York scanning?
Thanks!

Michael de Leon
deleon@netcom.com

605. Re: ICOM R1 Warning

Newsgroup: rec.radio.scanner
Date: 1994-08-13 01:00:24 UTC
From: Kevin Martinez <lps@rahul.net>
Message-ID: <CuG84p.84@rahul.net>
Source record: 270433

jim@ttech.com (Jim Wayda) writes:

>Bottom line:

>The ICOM R1 is a good radio as a small novelty toy (not a scanner!) only if
>you can pick one up for less than $150. ICOM should simply drop the radio
>and not introduct the "A" model. You get alot more bang for the buck with a
>$200 RS or Uniden scanner.

Did you expect Watkins-Johnson or Collins type performance in a package
that small?

The price is indeed a bargain for the size. There are measures that can
reduce some of the symptoms that your R-1 shows.

The RS or Uniden handhelds are nice but are not small enough to conceal
in a pocket. I would not sell my R-1! <------ Satisified Customer
--

Kevin Martinez lps@rahul.net Member of the Julie Kangas Fan Club
Work: 1 800 50 SATAN Home: 1 510 676 1111
---

606. Bearcat 200XLT Mods !!!!!!

Newsgroup: rec.radio.scanner
Date: 1994-08-13 01:03:28 UTC
From: delveaux@infoserv.com
Message-ID: <H52yqc1w163w@delveaux>
Source record: 270435

How can I connect directly to the detector output?
BEFORE going through the Audio Speaker out circuit.
-Bill

607. Re: Update: Newly revised "Scanner Ban" bill

Newsgroup: rec.radio.scanner
Date: 1994-08-13 01:11:14 UTC
From: crisp@netcom.com
Message-ID: <crispCuG8Mr.5vE@netcom.com>
Source record: 270429
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <1994Aug12.100633.2776@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
>>
>> We must unite to stop this outrage. When you talk to your congressman
>> ask them to explain to you what the need is for this, what the real
>> intent is, why this is felt to be necessary etc. Be prepared
>> to explain why this bill is likely to be controverted to prohibit
>> acts that are harmless etc.
>>
>
>Again, it is difficult to oppose a bill that unequivocally prohibits something
>"with intent to defraud" without making it easy for others to paint any
>listening as an "outlaw" hobby. The problem is not with this bill but with the
>

Maybe I should explain my thinking a bit more on what to do.

If we can determine that the goal of this legislation is to simply prevent people from making illegally cloned cell phones which are used to commit theft of service, then we can point out that it is already illegal to steal service, and suggest that they can greatly narrow the scope of the bill to specifically cover "illegally copying the electronic identification numbers used for portable radio or telecommunications equipment and or using said illegally copied equipment to commit theft of service" and just leave it at that.

Or if the goal is to really restrict listening to communications then the tack changes to "why is this important". If the answer is to preserve the security of communications, then there should be a question asked "can you cite any instance in which life, property or liberty was compromised by someone listening to a communication"?

If the answer is no then maybe the following statement is appropriate "then without any hard evidence of harm being done to any parties, you find it necessary to introduce prior restraint to otherwise law abiding citizens"?

If people are concerned about the privacy of conversations nonetheless, then it seem highly appropriate to point out that two trends are already underway that will greatly rectify this situation and do so with no additional legislation:

1) digital cellular is being introduced in the large metro areas now
because the demand for channels has outstripped the capacity of the
frequency allocation to serve them. Digital cellular makes
far more efficient use of the spectrum as it timeshares
multiple conversations on the same channels. Digital cellular
will be adopted for economic reasons irrespective of the
privacy issue, but has the added benefit that it is fundamently
not monitorable with any scanner sold. The same gear deployed
in the large cities will eventually replace the entire infrastructure
and the problem is therefore self-solving relative to cellular.

2) regarding cordless handsets, many of the newer ones use
speech scrambling and or spread spectrum techniques to enhance
security. In addition many of them are being sold not for that
reason, but because they work better, have better range
and are simply newer. In time virtually all cordless phones
will use this technology irrespective of the privacy issue.

Personally I think the reasons outlined above are the ones
that are cited as to the need for this legislation, but the
real truth is that the Feds realize they have a HUGE problem
relative to cheap hard crypto and are trying to do everything
they can to slow its widespread deployment. By making the disorganized
scanner users "eat it", they can enhance the feeling of security of
those that feel a need for security and therefore retard the
adoption of cheap hard crypto. Of course you are unlikely
to get any of the "experts" that testify on behalf of the
government before the Senate and House committees to
admit this.....

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

608. Saber System

Newsgroup: rec.radio.scanner
Date: 1994-08-13 03:06:03 UTC
From: andycl168@aol.com
Message-ID: <32hdar$c7i@search01.news.aol.com>
Source record: 270411

I was in my local radio dealer's office today, and he had a Motorola Saber System handheld. It looked pretty neat. Does anybody know what the Saber System is?

Andy Clark
clarkan@yang.earlham.edu

609. Re: Where to get keps

Newsgroup: rec.radio.scanner
Date: 1994-08-13 03:28:57 UTC
From: jmccolm@cabell.vcu.edu
Message-ID: <1994Aug13.032857.21618@cabell.vcu.edu>
Source record: 270399

jthomas@hookup.net (James E. Thomas) writes:

>Is there anywhere on the internet where I may download the keps for some of
>the satelites out there?

Sure, try rec.radio.amateur.space. Keps are there and are usually
current.

John McColman
N4RVR
--
+---+
| John C. McColman or jmccolm@cabell.vcu.edu or (804) 828-0311 |
| PO Box 1031, Chesterfield, VA 23832 |
| "Trade freedom for security and you will have neither." |

610. Re: Dissonance

Newsgroup: rec.radio.scanner
Date: 1994-08-13 03:34:08 UTC
From: crisp@netcom.com
Message-ID: <crispCuGF8w.2q0@netcom.com>
Source record: 270414
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <32ge4r$mee@crl5.crl.com> dseitel@crl.com (David S. Eitelbach) writes:
>Jerry Dallal wrote:
>
>> Certainly, inflamtory language can *only* take away from the
>> message the poster is trying to get across.
>
>
>I agree. Mr. Crisp clearly has the intellectual faculties he
>needs to get his point across and persuade the reader without
>using loaded terms and epithets.
>

Guilty as charged, Thanks for the constructive feedback.

I will rachet down the anger and concentrate on solutions.

Would anyone like to join a mailing list to discuss strategies and
options that we can employ to derail this very objectionable
bill?

If so, please email to me and if it is not overwhelming,
then let's see it that makes sense:

1) get the traffic out of the newsgroup (largely)
2) get on with a real strategy to do something about this

I think the warning flag has now been raised, so let's get on with the
war!
rdc

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

611. Re: Automobile computers and scanners

Newsgroup: rec.radio.scanner
Date: 1994-08-13 03:49:54 UTC
From: frankjm@sd2.af.mil
Message-ID: <1994Aug13.034954.3175@afit.af.mil>
Source record: 270421

In article <cgwh.64.000E54BC@chevron.com>, cgwh@chevron.com (Curtis Wheeler) writes:
|> In article <1994Aug10.220316.5968@k12.ucs.umass.edu> bschweik@k12.ucs.umass.edu (Bill Schweikert (NMH)) writes:
|>
|> >On last night's edition of Auto Week on public TV, the host
|> >warned about user-installed electronics interfering with the
|> >microprocessors which now control automobile engines. He said
|> >that improper installation could cause the engine to malfunction
|> >and used CB radio as an example of a potential problem. Is any
|> >one familiar with this type of interference? Was the host over-
|> >stating the case?
|>

A couple of years ago I had a problem with my 88 Dodge Omni that
the idle would rise up and down by itself. The dealer I took it
to said they would not work on it until I completly removed the
alarm system,not just disconnect power. I told them that if
they did not have any better sheilding around there computer
that they were basically stupid. The area Rep. then told
me that some of the police cars Chrysler built would shut
the motor off when the mic was keyed. I told him that it
kinda takes the fun out of chasing someone.

They never did fix my car.Bastards.

Jim

612. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-13 04:00:06 UTC
From: wwhitby@aol.com
Message-ID: <32hgg6$d23@search01.news.aol.com>
Source record: 270415

I had a good friend that was a scanner enthusiast. He also was a dispatcher for our local police and fire departments. We spent many an hour listening to police and fire calls. One day, he was discussing scanning with an officer and the officer hostilly said that all scanner owners were ambulence chasers and that all scanners should be banned. Tommy answered that "I am a taxpayer. I pay your salary. You work for me. I can listen to you any time I please." Well said.

Makes you wonder what the officer was scared of others hearing?

Warren Whitby
wwhitby@aol.com

613. Re: Update: Newly revised "Scanner Ban" bill

Newsgroup: rec.radio.scanner
Date: 1994-08-13 04:43:53 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug12.234353.2781@hnrc.tufts.edu>
Source record: 270348

In article <crispCuG8Mr.5vE@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
> Maybe I should explain my thinking a bit more on what to do.
>
> If we can determine that the goal of this legislation is to simply
> prevent people from making illegally cloned cell phones which
> are used to commit theft of service, then we can point out that
> it is already illegal to steal service, and suggest that they
> can greatly narrow the scope of the bill to specifically cover
> "illegally copying the electronic identification numbers used for
> portable radio or telecommunications equipment and or using said
> illegally copied equipment to commit theft of service" and just
> leave it at that.

The new bill seems analogous to laws against weapons possession (I admit the analogy is not perfect and I do *not* want to start a thread on gun laws) even though the crimes committed with weapons are illegal in and of themselves. It gives the prosecutor extra charges to level that might be used as leverage in plea bargaining.

I agree wholeheartedly that the bill should be as specific in its intent as possible, but I think the goal is broader than stated here. The intent is to make *possession with intent to defraud* a crime. Outrageous example: suppose law enforcement authorities found a group who had used their equipment to illegally clone some large number of phones, but none of those phones had yet been used. Or suppose they discovered someone with equipment capable of impersonating cell phones, but the equipment was not in use at the time. What could they charge them with but "possession with intent to defraud"?

614. Re: Saber System

Newsgroup: rec.radio.scanner
Date: 1994-08-13 10:15:11 UTC
From: jmm5h@Virginia.EDU
Message-ID: <1994Aug13.101511.22544@Virginia.EDU>
Source record: 270423

andycl168@aol.com writes:
> I was in my local radio dealer's office today, and he had a Motorola Saber
> System handheld. It looked pretty neat. Does anybody know what the Saber
> System is?
>
> Andy Clark
> clarkan@yang.earlham.edu
Saw an article in Pop Comm or similar magazine this
month that went into great detail on Sabers. There are three
different models each with it's own unique characteristics.
They seem to be highly advanced hanhelds which are operated
from a computer. One model has a remote key function so base
can key up a walkie in the field and monitor its surroundings.
Most federal law enforcement agencies are using them
because of their inter-agency communications abilities. Your
tax dollars hard at work!!!!!!!!

615. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-13 11:04:23 UTC
From: dk@crl.com
Message-ID: <32i9bn$9cs@crl.crl.com>
Source record: 270422
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

kevin jessup (kevin.jessup@mixcom.mixcom.com) wrote:

: How long before we are the Socialist States of America? On a scale starting
: with time zero being 1776 and 100 being socialism, where do you put us
: now? Fifty years from now?

I don't know what other countries you've seen, but the USA is one of the most reactionary rightwing countries in the world. It is also one of the hardest places for people to make a comfortable living, has the highest percentage of its people in prison or any country in the world, and has the worst record of violence among its own people of any industrialized country in the world.

Maybe we need a lot *more* socialism.

--
dk@crl.com
San Francisco

616. Re: ICOM R1 Warning

Newsgroup: rec.radio.scanner
Date: 1994-08-13 12:16:36 UTC
From: schuster@panix.com
Message-ID: <32idj4$67p@panix3.panix.com>
Source record: 270427

In article <2314.573.uupcb@cccbbs.cincinnati.oh.us>,
Scott Momberg <scott.momberg@cccbbs.cincinnati.oh.us> wrote:
>
>I would greatly appreciate if you could dig up the address of the
>company in the UK that used to offer the IF filter, so that I may
>write to them and ask if any other company has continued to offer
>what they do not anymore. It's a shame it's not available from
>them, because the R1 is just the right size that fits in the palm
>of the hand so nice. I would be willing to install an IF filter
>myself if I could get the part and an R1 service manual.

The company was Raycomm Communications, who no longer exist as such.

However I'd been told that ARE Communications in London did R-1 and R-100
mods at one time. They advertise in ShortWave Magazine from time to time.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

617. Re: Newer PRO-51 (no keyboard shortcut)

Newsgroup: rec.radio.scanner
Date: 1994-08-13 13:22:26 UTC
From: gdallal@world.std.com
Message-ID: <CuH6HE.3nu@world.std.com>
Source record: 270437

Chris Scholik (pp000412@interramp.com) wrote:
: Just curious, what is the trick to access the restricted 800Mz freq. I have a
: mod ready to install, but wasn't aware that keyboard could be used. Thanks !

This will clear your scanner . . .
With scanner off, press 2 9 L/O simultaneously and turn on unit while
keys are depressed.
A restricted frequency can be found in program memory 23.
Use directed search to start scanning with 30kHz steps.
Use monitor to capture a frequency in a monitor memory.
Use standard procedure to move monitor memory frequency to whatever
channel you desire.

(FWIW, I returned my 51. The overloading and intermod made it useless to
me in Boston.)

618. Re: newspaper journalist needs input

Newsgroup: rec.radio.scanner
Date: 1994-08-13 13:28:54 UTC
From: sgoller@tyrell.net
Message-ID: <sgoller.776784001@tyrell.net>
Source record: 270296

andycl168@aol.com (AndyCl168) writes:

>> hi, i'm philip mulivor, a newspaper reporter in rochester, ny. once
>again i find myself writing about cellular telephone privacy (or lack thereof),
>and i need input from some serious, knowledgeable hobbyists on the following:>
>> 1. can people still buy new scanners that can be modified to receive
>cell phone frequencies? which units, if any, are easily modifiable and good
>performers?
>>
>> 2. where do scanner listeners obtain modification documentation?
>>
>> 3. what's the prevalent attitude among hobbyists with respect to
>cellular monitoring ?
>>
>> thanks for your input. this group has helped me tremendously with past
>article and i appreciate it.
>>
>> phil mulivor
>> pmulivor@eckert.acadcomp.monroecc.edu
>> or FAX: 716-256-2222

Are they still available: Only what's in inventory since April, 1994 can be sold. No new radios can be made or imported that will recognize the cellular frequencies. As of today, you can still go to Radio Shack and many of the discount electronics stores and buy modifiable radios. I've also heard stories that US Customs isn't to strict (don't care) if you bring in a radio from out of the country.

Where to find: Not only here and in alt.rec.scanner, but CompuServe has a forum dedicated to scanners and shortwave. There are documents stored in their "library" that offer very complete and detailed information. Also, several magazines like Monitering Times will publish various modifications.

Why do it: Because it's there and somebody tried to prevent the consumer from using it. Kinda like, Why hack computer programs or find ways to bypass password protections. One group locks the door so it's another groups responsibility to unlock it.

sam

Sam Goller - copywriter | sgoller@tyrell.net
on target, on time, on budget | 71230.264@compuserve.com

"Imagination is more important than knowledge." Albert Einstein

619. Re: Silent Play

Newsgroup: rec.radio.scanner
Date: 1994-08-13 14:52:15 UTC
From: Irv Smith <irvsmith2@delphi.com>
Message-ID: <ZGzx0lv.irvsmith2@delphi.com>
Source record: 270438

Tom Eagan <Tom.Eagan@f239.n109.z1.fidonet.org> writes:

>Has anyone had any success with increasing the range of the
>Silent Play unit? My unit works quite well but its range is
>quite limited.

Tom:

I average around 100 feet with good results. Over that some static at times.
Try adding enough wire to make the entire length about 33 to 38 inches.
See if that helps.

-=Irv=-

620. Re: Newer PRO-51 (no keyboard shortcut)

Newsgroup: rec.radio.scanner
Date: 1994-08-13 14:55:12 UTC
From: Chris Scholik <pp000412@interramp.com>
Message-ID: <32icen$m9n@www.interramp.com>
Source record: 270436

In article <1994Aug11.142842.2769@hnrc.tufts.edu>, <jerry@hnrc.tufts.edu>
writes:
> Path:
interramp.com!psinntp!rutgers!netnews.upenn.edu!news.amherst.edu!news.mtholyoke
edu!uhog.mit.edu!news.kei.com!eff!news.duke.edu!news-feed-1.peachnet.edu!gatec
h!howland.reston.ans.net!math.ohio-state.edu!jussieu.fr!univ-lyon1.fr!swidir.sw
itch.ch!newsfeed.ACO.net!Austria.EU.net!EU.net!uunet!noc.near.net!news.tufts.ed
u!news.hnrc.tufts.edu!jerry
> From: jerry@hnrc.tufts.edu (Jerry Dallal)
> Newsgroups: rec.radio.scanner
> Subject: Re: Newer PRO-51 (no keyboard shortcut)
> Message-ID: <1994Aug11.142842.2769@hnrc.tufts.edu>
> Date: 11 Aug 94 14:28:42 -0500
> References: <ross-090894110337@earl.llnl.gov>
> Followup-To: rec.radio.scanner
> Distribution: world
> Organization: USDA HNRC at Tufts University
> Lines: 8
>
> In article <ross-090894110337@earl.llnl.gov>, ross@novax.llnl.gov (Gary Ross)
writes:
> > There are reports that some newer PRO-51 have appeared that will not take
> > the keyboard trick to access part of the sacred 800 band. I have not seen a
> > newer one so I can't advise how to distinguish the two. Be advised.
> >
>
> I hope I don't have to eat these words when my PRO-51 arrives from Marymac,
but
> RS's current close out sale of the PRO-51 suggests these reports were false.

Just curious, what is the trick to access the restricted 800Mz freq. I have a
mod ready to install, but wasn't aware that keyboard could be used. Thanks !

621. Re: Is North East Scanner News still in business?

Newsgroup: rec.radio.scanner
Date: 1994-08-13 14:57:12 UTC
From: Irv Smith <irvsmith2@delphi.com>
Message-ID: <ZG8y89g.irvsmith2@delphi.com>
Source record: 270439

Lee Reynolds <lee@tosspot.sv.com> writes:

>Was wondering, been a while since I sent in my subscription and nothing
>seen yet.

Lee:

You can contact Les Mattson (Editor) at lesscan@aol.com
Hope this helps. I know that it can take up to several weeks before
you get the first issue.

-=Irv=-

622. GRE Super Converter II

Newsgroup: rec.radio.scanner
Date: 1994-08-13 15:06:26 UTC
From: hancock@access.mbnet.mb.ca
Message-ID: <32inhi$3do@canopus.cc.umanitoba.ca>
Source record: 270430
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I am interested in buying a GRE converter for my PRO-43 to receive cellular and would like to hear from anyone that has used the converter with their handheld. How effective is it or am I just better off doing the mod?

Any help would be appreciated.

Paul.

623. Pro 59

Newsgroup: rec.radio.scanner
Date: 1994-08-13 15:06:52 UTC
From: jcosiman@clark.net
Message-ID: <32inic$pf9@clarknet.clark.net>
Source record: 270420

I was at Rat Shack this AM and they have a Pro 59 on sale for $199.00. Is this a good deal for this scanner? Are you happy with it?

Also, the salesperson told me to hurry up and buy it because you never know when the government will "come in and pull it off the shelves..." What gives here? Is this just a sales tactic? He told me that the government was in this week and pulled the 50 channel-bank of the Pro-59. Is he full of shit???

--
+---+
| jcosiman@clark.net - jcosimano@his.com |
| |
| Friends don't let friends use AOL |
+---+

624. Re: 4 Sale BC 200XLT

Newsgroup: rec.radio.scanner
Date: 1994-08-13 15:17:14 UTC
From: salavi@unity.ncsu.edu
Message-ID: <32io5q$e1c@taco.cc.ncsu.edu>
Source record: 270432

In article <Cu9ww7.BB2@draco.macsch.com>,
Ben Hernandez <ben.hernandez@macsch.com> wrote:
>In article <325ojt$g0l@search01.news.aol.com> Brass Hat, brasshat@aol.com
>writes:
>>For Sale Bearcat BC 200XLT
>>NEW factory boxed
>>48 HR bench test- With 800 MHZ Mod.
>>$225 plus 9.50 Shipping
>
>You can get a factory refurbished BC200XLT from Damark for a lot less!
>Here is the info:
>Damark 1800-729-4744
>Catalog# 9052
>Item# 200551 Uniden Bearcat Scanner BC200XLT Refurbished by Uniden 90 day
>warranty, extended warranty for $20.00 more.
>PRICE: $159.95
>-Ben

I can also get an new one from Service Merchandize for $199.

>>> Please include this message for reference <<<
====== S. Alavi [salavi@unity.ncsu.edu] (919)467-7909 (H) ========
(919)856-3817 (W)

625. Re: Update: Newly revised "Scanner Ban" bill

Newsgroup: rec.radio.scanner
Date: 1994-08-13 15:21:05 UTC
From: dem@skyline.dayton.oh.us
Message-ID: <32iod1$6ta@skyline.dayton.oh.us>
Source record: 270441
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

I think we can all agree it would be a good thing for telephone users to be able to have a reasonable degree of privacy. People have enjoyed such privacy on wired phones for some time.

Personally, I think it was just plain irresponsible for the cellular telephone providers to have installed non-encrypted or scrambled systems in the first place. They pulled a fast one, and then turn around and lobby congress to try to put a band-aid on their boo-boo by hassling people with receivers which can receive normal narrow-band FM, which was quite legal before the greedy phone companies got involved.

Folks, the cellular phone companies make money because _we_ allow them to have exclusive use of their frequency ranges. They get free use of one of our most valuable resources, and then play fast and loose with the privacy of phone users.

This should stop. The bill in question should _require_ all cellular and cordlesss telephone transmissions to be encrypted by early next century. Does anyone here believe the billion-dollar companies that are making a killing by exploiting the RF spectrum cannot afford to do this? Don't they owe the public something in return for our forfeiting the use of these frequencies?

With this approach, phone users get their privacy, and scanner users get their scanners. It would have to be illegal to build or use decoders to try to decrypt such transmissions, but there's already a great deal of precedent for that (satellite transmissions, for example).

As Rush, er, I mean, Richard has pointed out, digital cellular is on the way and spread spectrum cordless phones are already here. There is no technological excuse for the status quo.

--
David Myers dem@skyline.dayton.oh.us
Dayton, Ohio dem@meaddata.com

626. Re: Wanted Pro-51 Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-13 15:55:58 UTC
From: cravitma@cps.msu.edu
Message-ID: <32iqee$i6p@msuinfo.cl.msu.edu>
Source record: 270424

Kenneth Lee (dm281@cleveland.Freenet.Edu) wrote:

: Some lady at Rat Shack told me that after implementing the standard mods on
: the Pro-51, you can only direct access frequencies and can't scan them
: or store them in banks. Is this true? Also, are the mods permanent, i.e.,
: if you turn of the unit or take the batteries out, will they still remain?

Ken:

1. Standard frequencies can still be accessed normally. The cellular
frequencies can be stored in memory, by putting them into a monitor
memory and then moving them into a bank (see the manual).

2. So far as I can tell with my Pro-51, the mod remains until you
reset the unit again.

/Matthew

--
Matthew Cravit, N9VWG | Finger cravitma@cps.msu.edu
Michigan State University | for a random quotation
E-Mail: cravitma@cps.msu.edu +----------------------------
PGP 2.3 public key available from http://web.cps.msu.edu/~cravitma

627. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-13 16:00:17 UTC
From: domonkos@access.digex.net
Message-ID: <tbEJkiubG-FC066yn@access.digex.net>
Source record: 270426
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <gD2wqc1w165w@opus-ovh.spk.wa.us>, Brian wrote:
>
> I know where you're coming from, but you're looking at the bills wrong.
> Consider these interpretations:
>
> 1) Because it's fraudulent, then this bill speaks about it (if you're not
> fraudulent, then this bill has nothing to do with your activity).
>
> 2) ==Defining== what is fraudulent by including that in the title. In
> other words, if you do anything we talk about, then we ascribe to
> your activities the character of fraud.
>
> I think 2. These bills are meant to pull in activities going on around
> the country and speak on them, not to, with intent, alleviate activitiy
> from being covered by the bill.
>
>
> ---
> Brian Mork UUCP bmork@opus-ovh.spk.wa.us / ARO ka9snf@ka7fvv.#ewa.wa.usa
> .... USMail 6006-B Eaker, Fairchild, WA 99011
> V:509-244-3764 D:509-244-9260

That's assuming a 'fair and just' legal system. Supposing you're pulled over and you have a myriad of scanning radios and amateur radio gear under the dash (not to mention the antennas on the car). What if you were detained because you were in an area known to harbor cell-phone pirates (at the exit of tunnels, bridges, etc). If the officals were not making their quota (yes, they have to show a quota of apprehensions to justify their existence) they could easily confiscate all your gear and YOU have to prove your innocence. You lose while at the same time you're helping to boost an official's career. Can't happen? Watch/read/listen to the news. Most of you have already seen thise kind of malpractice of justice in other criminal areas on programs such as 20/20, Nightline, etc. The pressure will be on the enforcing agencies to apprehend, regardless of cost...

Andy

628. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-13 16:00:26 UTC
From: domonkos@access.digex.net
Message-ID: <pnEJkiubGs2O066yn@access.digex.net>
Source record: 270425
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <1994Aug12.203920.18263@midway.uchicago.edu>, Austin Kelly wrote:
>
> As previously requested, could we PLEASE drop this stuff about Libertarianism,
> Socialism, etc. from rec.radio.shortwave. If you have somehting to say
> about shortwave radio FINE, otherwise post it in a RELEVANT group.
>
>
Just use a kill file and it'll 'go away'!

629. Ham Radios

Newsgroup: rec.radio.scanner
Date: 1994-08-13 16:39:12 UTC
From: aa257@cfn.cs.dal.ca
Message-ID: <CuHFLD.J6A@cs.dal.ca>
Source record: 270431

Hello Peoples. I have a question. If I move to a rural community, is there any way I can get connected to the Internet Via Ham Radio??? Thanx in advance for any responses.

--

```
_____
(__ __)
| | arek My views are my own. Don't bitch anybody else about
| | _ them. Thanx.
|_| | | oubani
| |___
|_____)
```

630. Re: ACAR's Receiver Exper

Newsgroup: rec.radio.scanner
Date: 1994-08-13 16:40:00 UTC
From: larry.nebron@pcgfx.com
Message-ID: <e7.8452.2508.0NE73249@pcgfx.com>
Source record: 270442

>>HELP! I'm looking for a low cost receiver to use with
>>my M1200 to read ACAR's. I know for a fact that a
>>YUPI 7100, Icom 7100, Yeasu 9600 and old Regency will
>>work fine. I know a Pro 2004/5/6 ,Pro39/41,Pro
>>2028,AOR-900, and Sony 2010, will not work.
>>
>>Anyone out there using an M1200 or M400 to read ACAR's;
>>What type of receiver are you using?

D>I'm using an M400 with a Pro 2006 and it works fine.

Using a PRO-2006 I receive almost NO DATA. I'm located about seven
miles from SFO. Using a YUPI and a ground plain during an average
eight hour period I will download between 100 to 250K of ACAR's data.
This includes both ground and aircraft originated data.

Anyone else have experience with the M400-M1200 and ACAR's.
---
* QMPro 1.52 * Danger: Shortwave listening is habit forming!

631. Re: DVP - MDT

Newsgroup: rec.radio.scanner
Date: 1994-08-13 17:53:45 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CuHJ1L.LEM@freenet.carleton.ca>
Source record: 270440

In a previous article, rdc@freenet.vancouver.bc.ca (Robert Clark) says:

>Has anyone got any documentation (or anything!) on DVP or MDT (Motorola).
>I'm of the opinion that DVP would be tough to decode; MDT may be as tough
>as packet radio ....
>
>Any thoughts ?
>
>(Please don't POST to ask what DVP or MDT are, mail me if you must).
>
I talked to the computer people at the Police Service when I worked there
about the MDT's in the Police cars. Short answer is it is propierty soft-
ware that MDI had written for the system. So to monitor this traffic you
would need a MDT, you would have to know the CADRE number (operator number)
and the password of the user. I could monitor the calls from my terminal
on the in-house system (DEC mainframe, running UNIX) by a keyboard command.
but I could not access info sent to a specific unit. As a records clerk
that function was locked out, but could be monitored by a Station Sgt, and
the Sysop. It would take quite a bit of hacking skill to be able to be
able to translate the info into something readable..

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

632. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-13 19:02:12 UTC
From: tedwards@eng.umd.edu
Message-ID: <32j5bk$oed@mojo.eng.umd.edu>
Source record: 270443
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <32i9bn$9cs@crl.crl.com> dk@crl.com (David A. Kaye) writes:
>I don't know what other countries you've seen, but the USA is one of the
>most reactionary rightwing countries in the world. It is also one of the
>hardest places for people to make a comfortable living, has the highest
>percentage of its people in prison or any country in the world, and has
>the worst record of violence among its own people of any industrialized
>country in the world.
>Maybe we need a lot *more* socialism.

I'll agree that there is too much rightwingism in the US.
However, I'm not sure that more leftwingism will make it any better.
Then we will have religious bigots running our personal lives, and
socialists taking away the money we make.

The US was an experiment in freedom. Let's go back to that experiment.
This is the only country where we can even dream of real freedom
in both personal and financial realms. There are plenty of other
right and left wing states.

-Thomas

633. Re: Guide to Scanner Antennas

Newsgroup: rec.radio.scanner
Date: 1994-08-13 19:02:57 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Aug13.110257.4415@cmkrnl>
Source record: 270445

In article <mike_diaz-100894144437@m42013.esl.com>, mike_diaz@smtp.esl.com (Mike Diaz) writes:
> In article <1994Aug9.110416.4377@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) wrote:
>
>> In article <mike_diaz-080894134956@m41122.esl.com>, mike_diaz@smtp.esl.com (Mike Diaz) writes:
>> > [...]
>>
>> Several things you've written here are at odds with information published by
>> Bill Cheek. For example, according to Bill, height, even after you've cleared
>> local obstructions, DOES matter. It isn't just the increase in line of sight,
>> which I'll agree is marginal; the field strength is simply greater the higher
>> you are from the ground, for obvious reasons.
>
> and what reasons would those be?

Basically, the nearer the ground, the more the field is "grounded".

> I read Bills Scanner Mod Handbook Vol 1 last night (I wish I had read
> it before I wrote the guide) and esentially he gave the same recomendations
> I did. A discone on a 20ft mast on top of your roof is the best way to go
> for the average user.

I just re-read it and that's not what I got out of it. You're right that another 10 feet on top of 20 ft won't be a big improvement, but another 20 or 30 or feet probably would be.

The big compromise though is in coax losses. You do get less advantage with increased height the higher you already are, but coax losses are linear with distance, so eventually the coax losses catch up with the gains from height. Bill has a nice table for this.

You're right about wind loading and roof stresses.

The CHP, for example, who probably get more distance out of the VHF spectrum than most other users, put their antennas on VERY tall towers... but they have the bucks to use tri-beam towers, and very good coax.

But on second thought, as a practical matter you're probably right, in that a discone on a 20' mast over your roof will probably give you all the signals you could ever *want*. Heck, I'm in San Diego, in a townhouse where I can't put an antenna on the roof, so I'm just using a multiband vertical half-wave dipole in my attic (second story) and I can often hear the *LAPD* repeaters -- I'm listening to some right now. (that's about 100 miles away as the crow flies.) A discone 20' higher might give better reception on those signals, but it's not

as though I really need that, there's more than I can listen to locally...

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

634. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-13 19:26:07 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Aug13.112608.4416@cmkrnl>
Source record: 270446
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <1994Aug11.182502.29899@rsd.dl.nec.com>, dave@rsd.dl.nec.com (Dave Rogers) writes:
> In article <crispCuAuDB.7xt@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
>
> |> Bottom line: if you possess a device that could be used to "knowingly
> |> with intent to defraud" access telecommunications services in an
> |> unauthorized manner, a prosecutor will assert that this is your intention
> |> be it or not if he so desires.
>
> The way I read the proposed law all computer modems would become illegal
> too. These catchall laws are bogus from the getgo since the intent of
> the law is vague so the courts have to decide what they mean. I agree
> with Richard, this must be stopped.

"Vague" is just the opposite of what this law is -- to me it seems to be extremely specific.

Someone asked why we need this law when "theft of service" is already covered by other laws. The answer is that the folks doing the illegal modifications usually aren't the *users* of the modified phones -- they sell the mod'd phones to others. And prosecutors and juries are generally not very tech oriented, and some successful defenses have been mounted along the lines of "this guy was just fooling around with electronics, there's no reason to think they intended to steal service from anyone". This bill was written because prosecutors in L.A. and other places where cell theft is rampant have *asked* for it as a tool to fight this particular problem.

Yes, it has potential for abuse by prosecutors and police officers. So does nearly every other provision of the various city, state, and u.s. penal codes. So this alone is not sufficient reason to complain about this bill.

If I were going to write my congresscritter about this, what I might ask for is an explicit provision that this bill does not make simple hobby-type ownership, use, etc., of scanners illegal, even if they're in the same room with a computer, PROM burner, cellphone, etc. I fully expect that the response I'd get would be similar to: "but that's already stated in the text -- this bill only covers use of such equipment to modify cellphones and similar equipment with the intent of theft of service".

On the other hand, if you go screaming about your "right" to monitor any frequency you damn well please, even though the vast majority of the electorate would rather you not have that right (as they're far more likely to be cellphone users than scanner owners), you aren't very likely to get that friendly a response. To put it mildly.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

635. Radio Shack PRO-2030 Data/Mod Info Needed

Newsgroup: rec.radio.scanner
Date: 1994-08-13 22:15:56 UTC
From: g9153402@huey.csun.edu
Message-ID: <32jgms$4un@nic-nac.CSU.net>
Source record: 270444

Recently acquired the RS PRO-2030. I live in the San Fernando Valley (Northwest part of Los Angeles) and I have been receiving cellular calls on it in the lower part of the 896-956 Mhz spectrum. Does anyone have info on any Mods you can do to receive frequencies beyond the bands it allows, to receive the missing parts of the 800 mhz band, and other areas it isn't programmed to allow?

Thanks

636. Re: Wanted Pro-51 Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-13 23:17:01 UTC
From: cet1@motel6.cec.wustl.edu
Message-ID: <32jk9d$rh0@bigfoot.wustl.edu>
Source record: 270458

I tried the POWER + 2,9,Lockout Mod (risking losing all my frequencies), and saw the "forbidden" frequency in bank one.

Now that I'm feeling a bit riskier, and would like to set up programmed limits (so the scanner automatically loops between 870 and 890).

Is there a more permanent (hardware) mod for the Pro-51 that allows direct entry of cellular freq's?

Thanks,
Chuck
cet1@cec.wustl.edu

--
Chuck Turco
Washington University in St. Louis, School of Engineering
cet1@cec1.wustl.edu

637. Re: Frequency Ranges

Newsgroup: rec.radio.scanner
Date: 1994-08-14 00:33:22 UTC
From: jwh@kaiwan.com
Message-ID: <32jooi$f6f@kaiwan.kaiwan.com>
Source record: 270447

Jeffrey Astrachan (jeffrey.astrachan@cccbbs.cincinnati.oh.us) wrote:
: Could someone please post:
: 1) General ranges for scanning (and what is usually heard there);
: 2) Any interesting frequencies for the Cincinnati, OH listening area.
: Thank you,
: Jeff

1) You just need a band plan text file.. I think I have one here someplace.

2) I've got an extensive list covering Ohio.. they are much too large to
post. I've made them available via FTP. If you don't have FTP you can
call the bbs below and retrieve them.

FTP To: kaiwan.kaiwan.com
Directory: /user/jwh

Enjoy,
John Herndon (jwh@kaiwan.com)

--
: ONE STOP TECH SHOP BBS * (310) 421-6766 * 24 Hours * USR 28.8 DS * 8/N/1 :
: Ham Radio * Scanners * Shortwave Listening * CAD/CAM/CAE * Ray Tracing :
: Groom Lake / Area 51 * Military Aircraft * Black Budgets * Satellites :
: 500 Megs + 3 CD-ROMs - Fidonet 1:102/471 - Share your interests today! :

638. Recommendation needed

Newsgroup: rec.radio.scanner
Date: 1994-08-14 01:11:17 UTC
From: AM7925A@auvm.american.edu
Message-ID: <94225.211117AM7925A@auvm.american.edu>
Source record: 270448

Hi,

I'm planning to buy a hand-held scanner, I would appreciate it
if someone can recommend a certain brand for me including where I
I can find it. I'm new to this business, so I'm going to invest $80-$120
as a begining. Private replies are more preferable.

Thanks

Abdul. The American University - Washington D.C.

P.S. Do you think Radio Shack has a good hand-held scanners?

639. Belt Clip????

Newsgroup: rec.radio.scanner
Date: 1994-08-14 02:19:00 UTC
From: dominic.post@woodybbs.com
Message-ID: <93.476.7592.0NFB2DA6@woodybbs.com>
Source record: 270344

Does any one, know where I can purchase a " Belt Clip " that will affix
to my Scanner.
Someone left a message here where to purchase one, but I lost it
Thank you one & all -=DgP=-

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

--- QScan v1.10b / 01-0220
* Origin: (1:107/593)

640. pro-46 and pro-23 banned forever!

Newsgroup: rec.radio.scanner
Date: 1994-08-14 02:35:52 UTC
From: lthomas@nyx10.cs.du.edu
Message-ID: <32jvu8$3so@nyx10.cs.du.edu>
Source record: 270450

I went into Radio Shack today and the pro-46 and pro-23 handheld scanners were being uplled from the shelves. The manager said that they were told to pull them since they could be modified(seems stupid to me, since almost all scanners can be modified(although the pro-23 can be modified with a code on the keypad)). And that they won't be allowed to sell them anymore. Radio Shack is probably pissed about this since the pro-23 is in their new catalog.
The pro-46 I don't know about. I heard/tried one mod(the "surgeon's mod") and it didn't work. So I don't know why they targeted that one, when almost all scanners can be modified. Anyone else know about this?

-Layne

p.s. This information is 100% reliable for reasons I cannot say

641. Re: Detect detector?

Newsgroup: rec.radio.scanner
Date: 1994-08-14 03:42:00 UTC
From: john.tant@exchange.com
Message-ID: <2d.9929.603.0N850D6D@exchange.com>
Source record: 270459

>In article <323smd$i35@ionews.io.org>, Gleb Esman wrote:
>> Question to radio professionals:
>> How is it possible to detect a radar detector? As far as I know

GBELTON@CRIS.COM responded:
>A radar detector is a radio receiver. Like many radio receivers, the rad
>detector uses the "Superheterodyne" type of circuit. In this circuit, th
>incoming signal is mixed with another radio frequency signal; the output
>from the mixer is at a lower frequency than the original signal and thus
>easier to work with.

>A radar detector detector would work by looking for the Intermediate
>Frequency (IF) which is generated within the radar detector. It would ha
>to be a very sensitive receiver, since the IF is not a very strong signal
>But it is definitely feasible to do this.

Well, I'm no radio "professional," but I can tell you one thing. My RD
will pick up activated RD's in other cars as far as a block or two away.
It drives me nuts on the hwy.

John

---
* WR # 365 * "Furious activity is no substitute for understanding"

642. Text of new digital comm

Newsgroup: rec.radio.scanner
Date: 1994-08-14 03:42:00 UTC
From: john.tant@exchange.com
Message-ID: <2d.9930.603.0N850D6E@exchange.com>
Source record: 270460

```
>--
>Richard Crisp Cupertino, Ca. crisp@netcom.
>(415) 903-3832 wk (408) 253 4541
> For PGP Public Key, type finger crisp@netcom.com
>"It is a good thing that we do not get as much government as we pay for"
> -Will Rogers

Richard,
It seems to me that very soon we will prove Mr. Rogers to be wrong.
Thanks for the text!

John

---
* WR # 365 * My reality check just bounced!
```

643. Re: EFF's analysis of the Edwards/Leahy Telecommunications Act

Newsgroup: rec.radio.scanner
Date: 1994-08-14 03:54:45 UTC
From: crisp@netcom.com
Message-ID: <crispCuIAvA.Frl@netcom.com>
Source record: 270451
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <1994Aug13.014139.4414@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>Once again: The penalties listed apply if the "scanning receiver" is used to
>"obtain access to telecommunications services". Simply listening does not
>constitute "access to services".
>

I believe that is a matter for the courts to decide. It can go either way.

>For sake of argument I'm going to do a turnaround and ask you to defend just
>why you feel you have an inalienable right to listen to cellphone calls. In

This isn't about cellphone listening. It is about common sense and avoidance of prior restraint on otherwise law abiding citizens.

It is illegal to listen to cellphone calls as we all know. Obviously that is an unworkable means for assuring security of those calls as we all know.

I maintain that natural market forces will solve the cellphone/cordless phone security problem with no new legislation necessary.

Cellphones are going digital to get better spectrum utilization. This will happen over the next few years.

Cordless phones are moving to 900mhz and many use spread spectrum technology which has gotten very cheap with advances in VLSI technology. They work better than teh 49mhz ones: have clearer reception and greater range. Not to mention the improved security.

All of the rest of the services should arguably be open game. If security is important, use scrambler technology. It is not that expensive.

I suspect the "real" reason for this legislation is to slow down the deployment rate of cheap hard crypto until the feds can get some sort of legal requirment to use only government approved encryption algorithms in crypto gear.

The cellphone and cordlss phone limitations provide a temporary relief mechanism and a lot of political bennies and at the same time make an excellent cover for the "real" reason for the legislation.
rdc

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com

"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

644. RS RECALL!!

Newsgroup: rec.radio.scanner
Date: 1994-08-14 04:13:59 UTC
From: woodman@rain.org
Message-ID: <woodman.776837377@coyote>
Source record: 270452

The really excellent local Radio Shack crew here in Goleta CA told me that
Tandy has recalled all of the Uniden manufactured scanners including the
Pro 51. Reason? The test mode access to the forbidden cellular ranges.
They will not allow any of them to be sold and will scan transaction
records to make sure that none are moved out under the table.

--
-- | I believe that nothing is unconditionally
Michael Woodill | true, and hence I am opposed to every statement
| of positive truth and every man who makes it.
woodman@coyote.rain.org | H.L. Mencken

645. Re: ICOM R1 Warning

Newsgroup: rec.radio.scanner
Date: 1994-08-14 04:58:17 UTC
From: danm@connected.com
Message-ID: <32k899$kto@hebron.connected.com>
Source record: 270453

In article <jim-100894165917@jimsmac.ttech.com>,
Jim Wayda <jim@ttech.com> wrote:
>The purpose of this post is an attempt to prevent someone from making the
>same bad mistake that I did. The ICOM R1 has recently been getting
>favorable reviews from alot of people on the newsgroup. I had one and was
>extremely disgusted with it for the following reasons:

Jim,
I've run across this same message in a number of radio related
areas and feel obliged to, in some small regards, "set the record
straight".
I think the shortcomings of the R1 have been well documented by
now and are pretty widely circulated. You correctly describe a number
(perhaps not even all) of them. It is not, however, as you indicate an
unmitigated failure. I own one and use it regualrly in teh suburban
Seattle-Tacoma area. I have encountered some difficulties with this (and
other manufacturer's units) similar to those you describe. it is
certainly NOT the radio I would recommend for any new scannist to acquire
as his first radio nor would I feel comfortable suggesting that an
experienced hobbyist rely on it as his ONY radio.
It is not an unmitigated disaster and does have it's place and
uses. I am quitre sure it doesn't/didn't fit YOUR needs. It works well
for others. For those considering one, I urge caution but don't suggest
yo ignore it as a second handheld, military UHF receiver or some other
particular use. Comparing it with an MVT 7100 in the University District
near downtown Seattle, both the onwer of that radio and myself concluded
they were very comparabel, though not identical in performance. I've had
it suggested that a smaller rubber duck antenna (the Comet "Baby-Duck" was
recommended) does a WHOLE lot to reduce over load and intermod complaints.
It all boils down to careful shopping and knowing what you want
... along with realistic expectations. It didn't meet your needs, that is
regretable, but doesn't necessitate a net wide harangue. To each their own.

--
==
+ Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ...+
+ Auburn, WA | and whoever is playing against the New York Mets! +
+ GEnie:D.MORISSEAU | INTERNET ADDRESS: danm@connected.com +

646. Re: Concert Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-08-14 05:01:05 UTC
From: scan911@aol.com
Message-ID: <32k8eh$365@search01.news.aol.com>
Source record: 270454

In article <30u1a7$o5v@vixen.cso.uiuc.edu>, tpeckish@iti.org (T. J. Peckish) writes:

About wireless microphone frequencies.....

Most can be found in the 169-172 MHz range, with others in the 174-216, and 800 MHz ranges.

Chuck
SCAN911@aol.com

647. Re: Is North East Scanner News still in business?

Newsgroup: rec.radio.scanner
Date: 1994-08-14 05:32:02 UTC
From: scan911@aol.com
Message-ID: <32ka8i$3ik@search01.news.aol.com>
Source record: 270455

In article <D0Zuqc1w165w@tosspot.sv.com>, lee@tosspot.sv.com (Lee Reynolds) writes:

>Was wondering, been a while since I sent in my subscription and nothing seen yet.

FYI.....NorthEast Scanning News has been sold to National Scanning Report and will be incorporated in an abbreviated form in that magazine starting with the September issue of NatScan. The August issue of NESN was the last published.

Several steps are under way to return a true club publication to the northeast states. More info to come.....

Chuck Gysi
scan911@aol.com

648. Re: Automobile computers and scanners

Newsgroup: rec.radio.scanner
Date: 1994-08-14 06:00:00 UTC
From: u9340203@wraith.cs.uow.edu.au
Message-ID: <32kbt0$3gq@wraith.cs.uow.edu.au>
Source record: 270456

mike_diaz@smtp.esl.com (Mike Diaz) writes:

>In article <1994Aug10.220316.5968@k12.ucs.umass.edu>,
>bschweik@k12.ucs.umass.edu (Bill Schweikert (NMH)) wrote:

>>
>> On last night's edition of Auto Week on public TV, the host
>> warned about user-installed electronics interfering with the
>> microprocessors which now control automobile engines. He said
>> that improper installation could cause the engine to malfunction
>> and used CB radio as an example of a potential problem. Is any
>> one familiar with this type of interference? Was the host over-
>> stating the case?
>> --
>> William W. Schweikert bschweik@k12.ucs.umass.edu
>> Northfield Mount Hermon School Voice: 413-498-5742
>> P. O. Box 2 498-3452
>> Mount Hermon, MA 01354 Fax: 413-498-3010

>Bill
>I had a similar experience when I put a CB in my Mitsubishi 3000GT. I
>tapped into a spare fuse position to power the CB. Every time I keyed the
>mic the factory installed burgler alarm went off, even though the alarm
>wasn't armed. I ended up using 2 ferrite beads and an in-line power filter
>before everything worked properly.
>I didn't get as far as starting the car before I installed the filters, so
>I don't know if there would have been any effect, but there could well have
>been.

>Good scannin' to ya.
>MAD

>---
>The opinions expressed here are | Covering 100KHz to 2GHz contiguous.
>my own, but you can have 'em if | mike_diaz@smtp.esl.com
>you want 'em. | Engineering today for a better tomorrow.

Bill,
RF can cause all sorts of nastly little things to happen. Most radio
installation manuals warn you to check your ABS braking system when used
in conjunction with your 2-way radio or cellular phone.

I can remember one time during the first year of my apprenticship I ran
the aerial cable past the Engin Management Computer. Every time you
transmitted the engine would die.

I've had similar problems with ignition sense power leads. When the windscreen wipers were turned on, the Cell Phone turned on and off. This problem did't show up for some months after the installation as we had had no rain.

All I can say is - Get Power Directly From The Battery.
Run All Cables As Far Away From The Cars Wiring As Possible

Rick Loebler

649. AR8000 Prroblems

Newsgroup: rec.radio.scanner
Date: 1994-08-14 07:12:20 UTC
From: ligosa@pipeline.com
Message-ID: <32kg4k$k3t@pipe1.pipeline.com>
Source record: 270457

Just got my AR8000 from JC. I luv it but seem to be having a few problems and I think I'm going to have to send it back for a replacement. I was told that Jonathan has a hassle free return policy. I sure hope so.

Here is what I'm experiencing:

Sometimes (alot) when I turn the unit on it dose'nt boot up, It just stays blank with the light on and a low squelch sound. Nothing in the dispaly and no response from the keypad. I have to take out and put back a battery to reset it.

Also on sometimes when I put the light on I got a loud flutter sound that drounded out the audio ? Unless there is something about battery consumption that I am confused about I would have to rule out low cells because the low battery message did not light up and also when I tuned into some strong TV signals and put on the light, it was fine so I don't know ?

Last but not least in only 2 days the BNC became VERY loose ?

DON"T GET ME WRONG I THINK THE AR8000 IS AWESOME..I just probably got a bogus unit. I'm sure JC will make good on it..

Any thoughts or advice, please post here..thanks all

Chris..

650. Re: Where to get keps

Newsgroup: rec.radio.scanner
Date: 1994-08-14 10:24:18 UTC
From: mklee@actrix.gen.nz
Message-ID: <CulswJ.18D@actrix.gen.nz>
Source record: 270461

In article <jthomas.13.0015F504@hookup.net>,
James E. Thomas <jthomas@hookup.net> wrote:
> Is there anywhere on the internet where I may download the keps for some of
> the satelites out there?

Yep, you'll get them from Usenet rec.radio.amateur.space. You will get
several keps from AMSAT and a weekly one from Dr T Kelso.

Mun-Kong Lee
mklee@actrix.gen.nz
Raumati Beach
New Zealand

651. Frequency Ranges

Newsgroup: rec.radio.scanner
Date: 1994-08-14 12:54:00 UTC
From: sysop@pfzrfsg.com
Message-ID: <29e.1369.21@pfzrfsg.com>
Source record: 270463

```
* In a message originally to ALL, Jeffrey Astrachan said:
JA> Could someone please post:
JA> 1) General ranges for scanning (and what is usually heard
JA> there);

In the back of every volume of Police Call there is a consolidated frequency
list. Frequencies are arranged by band and the service codes using them are
shown. That table should provide you with the information you are looking
for.

--------------------------------------------------------------------------------
Internet E:Mail: sysop@pfzrfsg.com (System Supervisor)
--------------------------------------------------------------------------------
```

652. Re: Opto's Interceptor

Newsgroup: rec.radio.scanner
Date: 1994-08-14 12:54:43 UTC
From: schuster@panix.com
Message-ID: <32l46j$51l@panix3.panix.com>
Source record: 270462

Like trn keeps telling me:

Start using ***REC***.radio.scanner

In article <hs3TkTm.gregmason@delphi.com>, Greg <gregmason@delphi.com> wrote:
>Has anyone got any personal...maybe second hand experience with this gizmo?
>whats it like... is it worth the price... im tempted.
>Tell us whatcha think.

Here are a few postings I had composed, in response to questions, just after getting the R10. I think this should answer most questions and put its performance/capabilities in perspective:

Message 77 Fri Dec 04, 1992
MSCHUSTER [Mike] at 19:50 EST

I promised to post some impressions of the Optoelectronics R10 FM Interceptor. Well, today I received one of the first units. It basically does what the ad says, but translating that to what the recreational monitor would want is another story.

First, it has a small speaker as well as a standard mini phone jack. If you plug in Walkman style stereo headphones you get sound in both ears ... right down to 50 Hz. The volume is adequate but not great.

The unit basically seems to sweep the range from 30-2000 MHz every 2 seconds. There is a "squelch" control which is really a very wide range RF gain control. When a signal exceeds the threshhold you set, the "lock" light comes on and the signal is demodulated. Meanwhile it keeps looking at the spectrum, so if a stronger signal comes by you instantly lose the previous one. If it locks on an unwated signal you can press a "skip" button on top and it starts sweeping again.

The telescopic antenna it comes with has too much gain and is too untuned to be of use in a high RF environment. In my office near Manhattan, it locked onto every TV audio, video, and FM station in the city. Interspersed were an occasional 2-way radio and lots of pagers.

In a car driving home, variations in signal strength make it dance from broadcast signal to the next, with snippets of 2-way radio in between. At home I tried various rubber duckies. The trick, basically, is to make the signals you're interested as strong as possible ... to overpower the broadcast stations. So far the duckie that came with my AR-1000 seems to do the best at removing FM and TV signals.

Right now in my apartment in Staten Island, the Interceptor is sitting next to me with that antenna. It's picking up a local car service, the paging

transmitters of a local hospital and repeater, and an occasional tx from the SIRT train crews.

So far I've yet to hear a cell phone .... even with a duckie cut for 900 MHz. This is, I think, why they sell a notch filter to remove everything BUT the 800 MHz band.

I'll be playing with this in various loctions over the next few days. In the meantime I'll be glad to entertain any questions.

The Interceptor is billed as a near field receiver, but really that means it locks onto any strong signal. I guess local broadcast stations have field strength from miles away like a 2-way radio at a hundred feet. Ditto with strong paging transmitters.

Steve: it NEEDS a "hold" button to complement its "skip" button. The only way it will remain on a frequency is if you make sure the one you want is the strongest signal it gets. This is a test instrument, not a scanner or receiver.

The broadcast services come through with FULL FIDELITY down to 50 Hz audio. Narrow band, wide band ... it doesn't care. It adjusts the bandwidth according to what it locks onto, and displays that on the vertical bar graph on the front.

Today I plan to stuff it in my pocket with a 2m rubber duckie (seems the best compromise) and go to some malls and fast food places to go hunting.

By the way, I've surt of surmised that it prefers TV broadcast audio to local FM stations since TV has broader deviation and thus more field strength. Also, curiously, the NYC NOAA weather broadcast kept cutting in while I was on the road with it.

I don't have a cordless phone, but there are some in my building and I don't hear them. According to the manual they should only be audible for a few feet due to low transmitter power. The car service and train crews i hear at home are less than a block away from me. Taking it on the subway today I heard the Manhattan transit police dispatcher, but no transit authority chatter. And yes, the local car service is simplex and so I was only hearing the dispatcher.

If you use an insensitive enough antenna and/or turn up the "squelch" the speaker is silent except for a small "pop" every 2 seconds as it sweeps. I'm not sure what generates that noise.

I've yet to hear a cell phone ... but I've yet to be next to one with the Interceptor in my pocket ... yet.

Am I impressed with "the radio"? It is =NOT= a radio. At least not in the traditional sense. But if you're nearby someone with a 2-way radio (walkie talkie, McDonald's cordless headset at the drive-in window, and probably cell phone) you can snoop in without knowing (or caring) what the frequency is.

The intrusion of broadcast signals is more than I bargained for. This, I suspect, is why they sell all those expensive antennas and preselectors. But with some ingenuity, in the right circumstances, you can work around that without spending an extra bundle.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

653. Re: Pro 59

Newsgroup: rec.radio.scanner
Date: 1994-08-14 14:04:43 UTC
From: g9153402@huey.csun.edu
Message-ID: <32l89r$hhg@nic-nac.CSU.net>
Source record: 270466

JMConsulting (jcosiman@clark.net) wrote:
> What gives here? Is this just a sales tactic? He told me that the
> government was in this week and pulled the 50 channel-bank of the Pro-59.
> Is he full of shit???

I strongly doubt the government was targeting his little old Radio
Shack out of the 5000 in the U.S. The govt obviously knows they have
to go after the manufacturer. My feeling is, if a whole range of scanners
are now banned and pulled from the shelves, there might still be ways
to order them from underground suppliers, modifiers, or from out of the
country, however illegal...

654. Re: GRE Super Converter II

Newsgroup: rec.radio.scanner
Date: 1994-08-14 14:05:50 UTC
From: gilles@well.sf.ca.us
Message-ID: <32l8bu$qvd@nkosi.well.com>
Source record: 270467
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Either way would work, I got the converter and it works fine.

655. Scanner Bans - E-Mail Your Thoughts

Newsgroup: rec.radio.scanner
Date: 1994-08-14 14:31:23 UTC
From: g9153402@huey.csun.edu
Message-ID: <32l9rr$hhg@nic-nac.CSU.net>
Source record: 270468

I know the e-mail addresses for the Whitehouse to voice your comments (president@whitehouse.gov and vice.president@whitehouse.gov) plus there are some similar ones at house.gov and senate.gov, although I don't have them handy. If you don't have time to send a regular letter to your elected official, it is quite easy to e-mail, and/or forward comments to these addresses. Only with enough input from the public here on scanner restrictions, is there any chance (however small) that they'll change their minds. Just a few regular letters, from these discussions, won't do much...

656. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-14 14:53:23 UTC
From: g9153402@huey.csun.edu
Message-ID: <32lb53$hhg@nic-nac.CSU.net>
Source record: 270469
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

Richard Crisp (crisp@netcom.com) wrote:
> While this is happening, we see the grand plan of preventing us from listening
> to the police, by first banning listening to cellphones, then by
> banning radios that can listen to cellphones then arguing the precedent is
> in place for banning radios capable of tuning certain frequencies, then
> a total ban on scanners and other radios capable of being used to monitor
> the police.
> If they fail this time to get the ban they will try a massive media campaign
> to show the American public how criminals will use scanners to listen to the
> police to remove the element of surprise and portray hobbyists as perverted
> voyeurs etc with no socially redeeming values.

Sad, but may be true. I haven't heard local law-enforcement (L.A. area)
ever cry about criminals and gangs having scanners to evade the law. They
probably have ways of incrypting data if they're into something super-
sensitive. And you don't see gangs roaming the streets while having to
be occupied with the buttons on a scanner to see if the police are after
them. That would just slow them down. If any sort of huge scanner ban
is ever enacted, you would probably hear huge screams from the media
(TV, radio, newspapers) who are big-time scanner users in finding and
reporting news stories.
But, then if the government tries to portray scanner users as perverted
voyagers, with no redeeming value, they would have to look at themselves
as the largest group of these oddies. I work in a govt medical center
myself, and you see radio, and some scanning devices around there, as
a recreational activity. Listening to a scanner, such as police calls,
can be very mentally benificial, for a patient otherwise locked-out
from the outside world. The facility I work at even has a quite well-
equipped ham radio station.
The scanner I just bought does scan part of the cellular ban. What I
hear there is quite worthless. You often only hear one-side of the
conversation, and are often cut-off as the cellular user moves to another
cell. Any cellular user (or for that matter, any telephone user) has
to be aware that their conversations are never guaranteed to be
100% confidential. The government is probably the biggest snooper out
there. Any statement by a cellular company to a customer that their
systems are secure, is nothing but a lie, and they know it, regardless
of how strong a scanning law is passed. The scanner police will have
to drag me from my house kicking and screaming, before I'll let them
take my little'old Radio Shack scanner.

657. Re: pro-46 and pro-23 banned forever!

Newsgroup: rec.radio.scanner
Date: 1994-08-14 14:56:47 UTC
From: Irv Smith <irvsmith2@delphi.com>
Message-ID: <x41yUtn.irvsmith2@delphi.com>
Source record: 270465

Layne:

I have a pro 46. Not a bad scanner. The keyboard mod works just as well on it as it does on the pro 51.

-=Irv=-

658. Australian Frequencies (HF/VHF/UHF/SHF)

Newsgroup: rec.radio.scanner
Date: 1994-08-14 15:07:47 UTC
From: waite@cleese.apana.org.au
Message-ID: <32lc03$ivo@cleese.apana.org.au>
Source record: 270333

Announcing... Version 2 of VK5CQ's "ScanBase"

Scanner Frequency Data Base System for IBM-PC

- Includes info taken from Official Gov't Data
(released July, 1994)

- Includes a true Data Base / Access Program for:

- Lookups by freq, industry-type, & licensee
- Display of freq's, modes, type & location
- Display of BOTH freq's for dual-freq services
- Entry of User's own notes on each Freq.Record

- Developed in FoxProLAN for IBM-PC (DOS-version)

SB-2-HF: ScanBase v2 with HF-Data (Astralia-wide)

SB-2-rU: ScanBase v2 w/ VHF/UHF data (region 'r')

SB-2-Qi: Update Frequency Data Files (t.b.ann'd)

SB-1-LC: ScanBase v1 on HP computer (included!)

Dealer inquiries encouraged. Prices & spec's sub-
ject to change without notice. For more info:

Write: Waite Research / Systems
GPO Box 222
Adelaide, SA 5001
AUSTRALIA

Ring: +61-18-804408

Demo Version (with SA's HF data) available; info-
sheet is available for SAE with Int'l Reply Coupon

659. Scanner Freedom!

Newsgroup: rec.radio.scanner
Date: 1994-08-14 15:25:05 UTC
From: g9153402@huey.csun.edu
Message-ID: <32ld0h$kok@nic-nac.CSU.net>
Source record: 270464
Cross-posted to: rec.radio.scanner,rec.radio.amateur.policy

Richard Crisp (crisp@netcom.com) wrote:
>Whilethis is happening,we see the grand plan of preventing us from listening
>to the police, by first banning listening to cellphones, then by
>banning radios that can listen to cellphones then arguing the precedent is
>in place for banning radios capable of tuning certain frequencies, then
>a total ban on scanners and other radios capable of being used to monitor
>the police.
>If they fail this time to get the ban they will try a massive media campaign
>to show the American public how criminals will use scanners to listen to the
>police to remove the element of surprise and portray hobbyists as perverted
>voyeurs etc with no socially redeeming values.

Sad, but may be true. I haven't heard local law-enforcement (L.A. area)
ever cry about criminals and gangs having scanners to evade the law. They
probably have ways of incrypting data if they're into something super-
sensitive. And you don't see gangs roaming the streets while having to
be occupied with the buttons on a scanner to see if the police are after
them. That would just slow them down. If any sort of huge scanner ban
is ever enacted, you would probably hear huge screams from the media
(TV, radio, newspapers) who are big-time scanner users in finding and
reporting news stories.

But, then if the government tries to portray scanner users as perverted
voyagers, with no redeeming value, they would have to look at themselves
as the largest group of these oddies. I work in a govt medical center
myself, and you see radio, and some scanning devices around there, as
a recreational activity. Listening to a scanner, such as police calls,
can be very mentally benificial, for a patient otherwise locked-out
from the outside world. The facility I work at even has a quite well-
equipped ham radio station.

The scanner I just bought does scan part of the cellular ban. What I
hear there is quite worthless. You often only hear one-side of the
conversation, and are often cut-off as the cellular user moves to another
cell. Some of the stuff I have heard, though, is obviously being transmitted
from a cloned cell-phone, but am I going to call the cellular phone company
to report someone is stealing their service? Sure not, especially since
the cellular companies are trying to steal our rights.

Any cellular user (or for that matter, any telephone user) has
to be aware that their conversations are never guaranteed to be
100% confidential. The government is probably the biggest snooper out
there. Any statement by a cellular company to a customer that their
systems are secure, is nothing but a lie, and they know it, regardless

of how strong a scanning law is passed. The scanner police will have to drag me from my house kicking and screaming, before I'll let them take my little'old Radio Shack scanner.

660. Re: pro-46 and pro-23 banned forever!

Newsgroup: rec.radio.scanner
Date: 1994-08-14 16:57:09 UTC
From: sds910@aol.com
Message-ID: <32lid5$dn7@search01.news.aol.com>
Source record: 270470

Layne: I also have a Pro-46, and not only does the keypad mod work, the surgical method also proved completely successful.

Steve

661. Re: GRE Super Converter II

Newsgroup: rec.radio.scanner
Date: 1994-08-14 17:00:23 UTC
From: steven@sgb.oau.org
Message-ID: <CuJB8o.36I@sgb.oau.org>
Source record: 270327
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Paul Hancock (hancock@access.mbnet.mb.ca) wrote:
: I am interested in buying a GRE converter for my PRO-43 to receive
: cellular and would like to hear from anyone that has used the converter
: with their handheld. How effective is it or am I just better off doing
: the mod?

: Any help would be appreciated.

Why would you want to use a converter on a Canadian Pro-43? I detect
the canadian account address -- assumption. If its an older one, you
can modify the U.S. model too. Modification should be lying around
this newsgroup someplace.

Steven
--
Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
| Modem: 407/862-8088

662. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-14 18:10:10 UTC
From: cmort@NCoast.ORG
Message-ID: <CuJEGz.DtL@NCoast.ORG>
Source record: 270473
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

As quoted from <32i9bn$9cs@crl.crl.com> by dk@crl.com (David A. Kaye):

> kevin jessup (kevin.jessup@mixcom.mixcom.com) wrote:
>
> : How long before we are the Socialist States of America? On a scale starting
> : with time zero being 1776 and 100 being socialism, where do you put us
> : now? Fifty years from now?
>
> I don't know what other countries you've seen, but the USA is one of the
> most reactionary rightwing countries in the world. It is also one of the
> hardest places for people to make a comfortable living, has the highest
> percentage of its people in prison or any country in the world, and has
> the worst record of violence among its own people of any industrialized
> country in the world.
>
> Maybe we need a lot *more* socialism.
>
Tell that to a Ukrainian farmer.

Tell that to a Polish Jew caught between the Gestapo and the NKVD.

Tell that to a Turk in Germany.

Tell that to a Bosnian Muslim.

Tell that to a Cambodian in the Khmer Rouge controlled areas.

The only problem that a "lot more socialism" ever solves is overpopulation.

--
==========
Ein Volk, Ein Reich, Ein Bubba!
Jail to the Chief!
==========

663. Remove audio filter - 200XLT?

Newsgroup: rec.radio.scanner
Date: 1994-08-14 18:15:34 UTC
From: Jason C Miller <jmdk+@andrew.cmu.edu>
Message-ID: <IiHZx6q00WB384xLRn@andrew.cmu.edu>
Source record: 270472
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I was wondering if someone one could tell me what I need to change in my Bearcat 200XLT to remove the audio filter? I've only seen the cellular mods, and don't have the technical knowledge to do this myself.

Thanks,
Jason

|\\| Jason Miller |//| jmdk@cmu.edu CALL (412)/325-2036
|//| Mathematics/Information Systems |\\| jcm@sei.cmu.edu PAGE (800)/901-0840
|\\| Carnegie Mellon University |//| dyn@cs.cmu.edu FAX (412)/268-5758

Some call it Allah, Some call it Buddha,
Some call it Jesus, I call it love.

664. Re: Update: Newly revised "Scanner Ban" bill

Newsgroup: rec.radio.scanner
Date: 1994-08-14 18:29:52 UTC
From: steven@sgb.oau.org
Message-ID: <CuJFDt.3vy@sgb.oau.org>
Source record: 270328
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

David Myers (dem@skyline.dayton.oh.us) wrote:

: I think we can all agree it would be a good thing for telephone
: users to be able to have a reasonable degree of privacy. People have
: enjoyed such privacy on wired phones for some time.

BULLSH*T! (I thought you were going to suggest cellular users should
have the same degree of privacy, good thing that was NOT what you said
as they use an RF wireless device, they deserve NO privacy, or most
certainly no more than a PUBLIC pay phone in a very busy shopping
center!)

<activating emergency turbo-FLAME mode>

They deserve NO such privacy when they are using a device with an
antenna! If that were the case, the judges' would have ruled that
people using cordless phones have a reasonable expectation of privacy.
This is *NOT* what occured.

If you have an antenna attached, it is a RADIO, using PUBLIC
airwaves which MAY be monitored for ANY reason by ANYONE with
NO expectation of privacy, PERIOD.

If they want privacy, they can stop the car and use a PUBLIC
payphone. Ooops! Error. Public pay phone? I will re-state
that, they can use a residential phone with voice scrambling on
BOTH ends. Even a PUBLIC payphone no longer affords you that
right, since they did away with the doors and made them open-air.
It's utterly amazing what you hear when you are in an adjoining
payphone thumbing the directory like you are looking for something,
while in reality, you're listening with joy to the call next door,
on a wired line!

If it has an antenna, is it NOT PRIVATE.

Now, that all stated, what we need to do is lobby Congress to pass
regulations requiring:

[1] Cordless phones be clearly marked on the outside of the packaging
(in a manner similiar to software shrink wrap licenses) in a
reasonably large enough print the fact that as a RADIO DEVICE,
there is NO expectation of privacy and anyone may listen to your
conversation at any time.

[2] Telephone companies should be required by law to provide in their
"information pages" and monthly mailings of notices with the bill

the fact that a cordless phone does not afford any privacy to the person using and attaching the device to the phone system.

[3] Cellular providers should be required by law to make it clear in the contract that they are contracting a radio service which does not have any expectation of privacy -- except when using a digital system. They should make it clear that anything you say can be monitored by others due to the use of public airwaves.

[4] Cellular telephone advertisments should be required to carry similiar warnings as described above -- like some do for the mobile installation of scanners and radar detectors.

[5] Similiar notification as listed in item two for cellular billing statements. Possibly further stating the cellular carrier is not responsible for guaranteeing any privacy and no such guarantee is made.

[6] Similar warnings as found in item one for baby monitors (I have yet to hear one of them scrambled, and people will say literally ANYTHING in the "privacy" (??) of their own home!)

Well you see the general idea of what is needed. How do we get the congresscritters involved with doing something about the above? It is clear that a petition drive and high publicity might help. What we need to show is with or without scanner bans it makes no difference as you can not guarantee privacy in so much as one such scanner exists.

It has already been proven (CompuServe Ham-Net forum) that there is no problem bringing/importing cellular capable scanners into the country.

It would not make any difference anyhow due to the thousands of units already owned and being sold daily that are still "restorable".

We NEED legislation as I proposed above with the cellular-scan ban totally repealed due to providing and fostering the false concept that cellular (and/or cordless/baby monitors) phones are private, which as I have illustrated above are NOT!

If they made it a minimum fine of $250,000 and 50 years in jail, it would not make it any more "private"! They need to scrap this false concept the cellular industry has made and re-evaluate the situation and what their rules/legislation has done -- intentional and deliberate mis-informing the public regarding cellular phone privacy.

Now, how do we get our congresscritters to understand, the scanners are out there, nothing is going to stop importing by those wanting them and they are readily available and already in private ownership!

The fact they are already in private ownership MEANS NO PRIVACY can be expected, no matter what law they (try to) pass. I mean we will simply ignore it! How many of you keep to the speed limits when no-one is looking and the road is clear? (a show of hands please?), ok that is the number of people with scanners listening to cellular calls.

I would think the government is committing a criminal act of engaging in and fostering the mis-leading of the privacy of cellular communications by encouraging the cellular industry to spread such lies by passing legislation designed to cause them to suggest the calls are private because it is against the law to listen. That right there does NOTHING, ZERO, ZILGE to make it PRIVATE. It's as private as the public pay phones, and atleast they do not suggest any such right to privacy!

: Personally, I think it was just plain irresponsible for the
: cellular telephone providers to have installed non-encrypted or
: scrambled systems in the first place. They pulled a fast one, and
: then turn around and lobby congress to try to put a band-aid on their
: boo-boo by hassling people with receivers which can receive normal
: narrow-band FM, which was quite legal before the greedy phone
: companies got involved.

AMEN! AMEN! Agreed!

: Folks, the cellular phone companies make money because _we_ allow
: them to have exclusive use of their frequency ranges. They get free
: use of one of our most valuable resources, and then play fast and
: loose with the privacy of phone users.

So what's the suggestion/concept here? Re-allocating the cellular frequencies such that any trunked radio user can use them -- and in doing so - to permit testing of his/her system/equipment, the sale of scanners covering this range would be legal, right?

: This should stop. The bill in question should _require_ all
: cellular and cordlesss telephone transmissions to be encrypted by
: early next century. Does anyone here believe the billion-dollar
: companies that are making a killing by exploiting the RF spectrum
: cannot afford to do this? Don't they owe the public something in
: return for our forfeiting the use of these frequencies?

Yes, we need to FIGHT for OUR frequencies by spreading the TRUTH and exposing the LIES about the cellular phones and spread by the industry!

: With this approach, phone users get their privacy, and scanner
: users get their scanners. It would have to be illegal to build or use
: decoders to try to decrypt such transmissions, but there's already a
: great deal of precedent for that (satellite transmissions, for
: example).

Yes, and nothing will stop us from building our own, using part of a cellular phone wired to a scanner for example or importing such a device as the customs could care less about radio RECEIVERS. Such proof was illustrated recently on CompuServe. I suspect as an electronic apparatus, it would even interest them less!

: As Rush, er, I mean, Richard has pointed out, digital cellular is
: on the way and spread spectrum cordless phones are already here.
: There is no technological excuse for the status quo.

How true!

When my neighbor thought to waste $150 on a cordless with speech inversion scrambler from Radio Shack, little did they realize I had already purchased the needed decoder from Ramsey a few months earlier. Comes through crystal clear (through the decoder of course)!

Steven
--
Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida

665. Chicago BBS?

Newsgroup: rec.radio.scanner
Date: 1994-08-14 18:38:36 UTC
From: stujorda@eku.acs.eku.edu
Message-ID: <1994Aug14.133836.3272@eku.acs.eku.edu>
Source record: 270471

Someone posted some information on a scanner BBS in Chicago (i Think) a couple of months ago, and I have lost the number and other information. Could whoever posted it, please either post it again or send it to me. Thanks in advance.
Darrell Jordan--Stujorda@acs.eku.edu
BITNET Stujorda@eku.bitnet

666. Re: Scanner Bans - E-Mail Your Thoughts

Newsgroup: rec.radio.scanner
Date: 1994-08-14 18:59:03 UTC
From: josephl@clark.net
Message-ID: <32lphn$g7a@clarknet.clark.net>
Source record: 270474

Berton Corson (g9153402@huey.csun.edu) wrote:

: I know the e-mail addresses for the Whitehouse to voice your comments
: (president@whitehouse.gov and vice.president@whitehouse.gov) plus there
: are some similar ones at house.gov and senate.gov, although I don't
: have them handy. If you don't have time to send a regular letter to
: your elected official, it is quite easy to e-mail, and/or forward
: comments to these addresses. Only with enough input from the public
: here on scanner restrictions, is there any chance (however small) that
: they'll change their minds. Just a few regular letters, from these
: discussions, won't do much...

Mail bombing????

667. RS Pro 42 Mod Needed

Newsgroup: rec.radio.scanner
Date: 1994-08-14 19:00:10 UTC
From: slatts@ix.netcom.com
Message-ID: <32lpjq$gt7@ixnews1.ix.netcom.com>
Source record: 270326

If anyone happens to have the Pro42 mods for 800mhz or anything else I can do with it, I'd be most appreciative of you mailing it to me at the above E-Mail address.

Thanks in advance

James Slattery

668. Re: Scanner Freedom!

Newsgroup: rec.radio.scanner
Date: 1994-08-14 19:04:30 UTC
From: josephl@clark.net
Message-ID: <32lpru$g7a@clarknet.clark.net>
Source record: 270325
Cross-posted to: rec.radio.scanner,rec.radio.amateur.policy

Berton Corson (g9153402@huey.csun.edu) wrote:

: The government is probably the biggest snooper out there.

Thank you for telling the truth.

669. Re: pro-46 and pro-23 banner forever!

Newsgroup: rec.radio.scanner
Date: 1994-08-14 21:14:44 UTC
From: mulligan@ACM.ORG
Message-ID: <32m1g4$mfk@hopper.acm.org>
Source record: 270329

The notice from Radio Shack to the retail stores was:
(courtesy of CIS HamNet)

URGENTURGENT**URGENT**
IMMEDIATE ACTION REQUIRED*

Due to an engineering defect, we are required by Federal regulation to cease selling or displaying the following two scanners:

20-305 PRO-46 HANDHELD SCANNER
20-504 PRO-23 HANDHELD SCANNER

IMMEDIATELY!! Remove these two scanners from display. Place them in a carton in your back room along with all store inventory. In the event you receive any additional shipments, place them in quarantine along with your display and current store stock. You will receive future shipping instructions for the return of these models for rework.

NOTE: THIS IS A FEDERAL REQUIREMENT. COMPLIANCE IS MANDATORY AND VIOLATIONS ARE SUBJECT TO SEVERE PENALTIES. ANY STORE FOUND IN NON-COMPLIANCE WILL BE SUBJECT TO DISCIPLINARY ACTION. POS WILL BE MONITORED DAILY TO ASSUE THAT ALL SALES OF THESE TWO SCANNER HAVE CEASED. THERE ARE NO EXCEPTIONS, INCLUDING LAY-AWAYS.

We have also stopped warehouse replenishment for two additional scanners:

20-148 PRO-2026 MOBILE SCANNER
20-308 PRO-51 HANDHELD SCANNER

Current information indicates these two models can continue to be sold. Continue to sell your supply of these two models unless notified otherwise.

If you have any questions, contact your District Sales Manager.

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670. Re: Realistic Handheld Scanner 200ch

Newsgroup: rec.radio.scanner
Date: 1994-08-14 22:17:33 UTC
From: aa733@cleveland.Freenet.Edu
Message-ID: <32m55u$67d@usenet.INS.CWRU.Edu>
Source record: 270331
Cross-posted to:
cle.forsale,misc.forsale,misc.forsale,freenet.com-ctr.forsale,freenet.rec.irc.open,pa.forsale,dc.forsale,rec.radio.scanner

In a previous article, jamie@wariat.org (Jamie) says:

>For sale: Realistic 200ch programmable handheld scanner. Radio Shack sells
>it for $299, it's now on sale for $199. I am asking $80 OBO for mine,
>excellent contidion, with manual.

i would *highly* recommend not buying this scanner. it was stolen from
Radio Shack (Mr. Rishaw lost his job after stealing this scanner and then
buying a warrantee for it). by the way, it was stolen from the Radio Shack
at Parmatown Mall. you can check on it if you want. i'd also recommend
someone calling up radio shack to tell them Jamie is trying to sell it.

--me
--
'INS acts without reason or care.' -- fnguest about Cleveland
Free-net Administration
'Once INS hates you, they'll do anything to ensure
you're gone' -- random Ignatian on Cleveland Free-net

671. Re: pro-46 and pro-23 banner forever!

Newsgroup: rec.radio.scanner
Date: 1994-08-14 22:20:01 UTC
From: g9153402@huey.csun.edu
Message-ID: <32m5ah$8jf@nic-nac.CSU.net>
Source record: 270330

F. Barry Mulligan (mulligan@ACM.ORG) wrote:
>
> **URGENT**URGENT**URGENT**
> IMMEDIATE ACTION REQUIRED*
>
>
> Due to an engineering defect, we are required by Federal regulation to cease
> selling or displaying the following two scanners:
<stuff deleted>

I went to my local Radio Shack today, and he also told me he got a letter
from headquarters this past week to stop selling their PRO-2006 base
scanner, and return unsold inventory to Fort Worth,TX.
This all has to do with the cellular bands. Someone should write congress,
the president, the king, the cellular phone companies, the FCC, and everyone
else concerned, that was here first: Scanners and scanner enthusiasts,
or cellular telephones??? It isn't our fault that the cellular companies
designed such a cheap system, that anyone (in the past) with a few hundred
dollars could go out and scan almost all cellular conversations in their
area. The cellular companies has convinced congress to enact laws, which
may eventually prove unenforceable. Before cellular service, their was
mobile telephone service, and it was widely known that anyone could listen
in, even on some cheap shortwave radios. The cellular industry obviously
is in the forefront of taking away all our rights to the airwaves, and
have convinced the boneheads in congress that a terrible thing has been
going on, that phone calls are being heard nationwide. While it is true
that calls are being heard, anyone with half a brain should be able to
figure out that using a cellular phone, or any two-way transceiver, could
be received by any radio equipment in the area capable of tuning to
that frequency, and should be aware of this while talking on one of
these phones. Instead, the cellular industry tries to convince their
customers that their conversations are secure, by pushing through laws
like this which try to take away the tuning knobs on our radio receivers!
Thus, the cellular industry is trying to push this big lie to conceal their
incompetence. I hardly use a cellular phone myself. The reason, is the
rates (in Los Angeles) are absolutely onerous. They're not only trying
to rob us of our rights, they're also robbing us of our pocketbooks, with
huge rates. There's no competition where I live between the two cellular
providers. Both their rates are almost exactly the same. Has anyone
investigated them for price-fixing? They should be!

672. Re: Realistic Handheld Scanner 200ch

Newsgroup: rec.radio.scanner
Date: 1994-08-14 22:28:37 UTC
From: aa733@cleveland.Freenet.Edu
Message-ID: <32m5ql$76t@usenet.INS.CWRU.Edu>
Source record: 270332
Cross-posted to:
cle.forsale,misc.forsale,misc.forsale,freenet.com-ctr.forsale,freenet.rec.irc.open,pa.forsale,dc.forsale,rec.radio.scanner

In a previous article, jamie@wariat.org (Jamie) says:

>For sale: Realistic 200ch programmable handheld scanner. Radio Shack sells
>it for $299, it's now on sale for $199. I am asking $80 OBO for mine,
>excellent contidion, with manual.

i would highly recommend not purchasing this item (or any item) from Mr.
Rishaw. while working at the Radio Shack at Parmatown Mall, he stole this
scanner and a ham radio. in addition, he has in the past sold stolen goods
through Usenet. he was caught when he purchased a warantee for the ham
radio. feel free to call Radio Shack to confirm. i'm also sure the Parma
police might be interested in what he's doing.

--me
--
'INS acts without reason or care.' -- fnguest about Cleveland
Free-net Administration
'Once INS hates you, they'll do anything to ensure
you're gone' -- random Ignatian on Cleveland Free-net

673. The EFF's Position on the Digital Telephony bill

Newsgroup: rec.radio.scanner
Date: 1994-08-14 23:50:33 UTC
From: dem@skyline.dayton.oh.us
Message-ID: <32mak9$8ki@skyline.dayton.oh.us>
Source record: 270334
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

I am not an EFF member, nor am I endorsing the comments below. I just thought it an interesting addition to the discussions we've been having here, as it primarily discusses the non-scanner aspects of the bill which affect many more of us. This came from ftp.eff.org.

Leahy and Edwards introduce a narrow Digital Telephony bill
with major new privacy protections
==========

Today Senator Patrick Leahy (D-VT) and Representative Don Edwards (D-CA) introduced their version of Digital Telephony legislation. Since 1992, the Electronic Frontier Foundation has been successful at stopping a series of FBI Digital Telephony proposals, which would have forced communications companies to install wiretap capability into every communications medium. However, earlier this year, Senator Leahy and Rep. Edwards, who have helped to quash previous FBI proposals, concluded that the passage of such a bill was inevitable this year. To head off passage of the FBI's bill, Leahy and Edwards stepped in to draft a narrow bill, and asked for EFF's help in the process. EFF remains deeply troubled by the prospect of the federal government forcing communications networks to be made "wiretap ready," but we believe that the legislation introduced today is substantially less intrusive that the original FBI proposals.

Jerry Berman, EFF Policy Director said: "We have opposed digital telephony proposals for the past three years and still do not believe that such legislation is necessary."

"Thanks to the work of Senator Leahy and Rep. Edwards and Senator Biden, however, the bill contains a number of significant privacy advances, including enhanced protection for the detailed transactional information records generated by online information services, email systems, and the Internet," Berman said.

Many online communication and information systems create detailed records of users' communication activities as well as lists of the information that they have accessed. The new legal protection is critical in that it recognizes that this transactional information created by new digital communications systems is extremely sensitive and deserves a high degree of protection from casual law enforcement access which is currently possible without any independent judicial supervision. Under current law, the government can gain access to transactional records with a mere subpoena, which can be obtained without the intervention of a court. Under the new privacy protections in this bill, law enforcement would have to convince a court to issue an order based on a finding that there are

"specific and articulable facts" which prove that the information sought would be relevant to an ongoing criminal investigation.

"The fact that law enforcement has to take a case to court in order to get permission to access records is a major new privacy protection which will benefit all users of online communication systems," said Daniel Weitzner, EFF Deputy Policy Director.

Another important privacy protection is that there is a cap on the amount of money that can be spent on surveillance technology in the first four years. The Attorney General is authorized to spend up to $500 million on reimbursement telecommunications carriers who retrofit their systems so as to come into compliance with the bill. So that this cap truly functions as a privacy protection, we believe that carriers should only be responsible for complying with the bill if the Attorney General actually pays for modifications. Government should get what it pays for, and no more.

"Although we do not support the concept of digital telephony legislation, we believe that if Congress is to pass any version of the bill this year, it should be along the lines of the Leahy/Edwards version," said Berman.

"The version crafted by Senator Leahy and Rep. Edwards," Berman explained, "is substantially better from a privacy, technology policy, and civil liberties standpoint than the draconian measures offered in the past by the Bush Administration."

"As the bill works through the legislative process," Berman continued, "EFF will work to ensure that privacy and public process provisions are strengthened, and that the scope remains narrow -- continuing to exclude the Internet, electronic bulletin board systems, and online communications services such as America Online, Prodigy and Compuserve. Also, we note that the radio communication provisions have not yet been subject to public discussion, and hope that this will occur before the bill is considered by the full House and Senate."

FOR MORE INFORMATION CONTACT:

Jerry Berman Policy Director <jberman@eff.org>
Daniel Weitzner Deputy Policy Director <djw@eff.org>
+1 202 347 5400

* * * * * * * *

EFF Analysis of and comments on major provisions of the bill
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A. Key new privacy protections

1. Expanded protection for transactional records sought by law enforcement

Senator Leahy and Rep. Edwards have agreed that law enforcement access to transactional records in online communication systems (everything from the

Internet to AOL to hobbyist BBSs) threatens privacy rights because the records are personally identifiable, because they reveal the content of people's communications, and because the compilation of such records makes it easy for law enforcement to create a detailed picture of people's lives online. Based on this recognition, the draft bill contains the following provisions:

i. Court order required for access to transactional records instead of mere subpoena

In order to gain access to transactional records, such as a list of to whom a subject sent email, which online discussion group one subscribes to, or which movies you request on a pay-per view channel, law enforcement will have to prove to a court, by the showing of "specific and articulable facts" that the records requested are relevant to an ongoing criminal investigation. This means that the government may not request volumes of transactional records merely to see what it can find through traffic analysis. Rather, law enforcement will have to prove to a court that it has reason to believe that it will find some specific information that is relevant to an ongoing criminal investigation in the records that it requests.

With these provisions, we have achieved for all online systems, a significantly greater level of protection than currently exists for telephone toll records. The lists of telephone calls that are kept by local and long distance phone companies are available to law enforcement without any judicial intervention at all. Law enforcement gains access to hundreds of thousands of such telephone records each year, without a warrant and without even notice to the citizens involved. Court order protection will make it much more difficult for law enforcement to go on "fishing expeditions" through online transactional records, hoping to find evidence of a crime by accident.

ii. Standard of proof much greater than for telephone toll records, but below that for content

The most important change that these new provisions offer, is that law enforcement will (a) have to convince a judge that there is reason to look at a particular set of records, and (b) have to expend the time and energy necessary to have a US Attorney or DA actually present a case before a court. However, the burden or proof to be met by the government in such a proceeding is lower than required for access to the content of a communication.

2. New protection for location-specific information available in cellular, PCS and other advanced networks

Much of the electronic surveillance conducted by law enforcement today involves gathering telephone dialing information through a device known as a pen register. Authority to attach pen registers is obtained merely by asserting that the information would be relevant to a criminal investigation. Courts have no authority to deny pen register requests.

This legislation offers significant new limits on the use of pen register data.

Under this bill, when law enforcement seeks pen register information from a carrier, the carrier is forbidden to deliver to law enforcement any information which would disclose the location or movement of the calling or called party. Cellular phone networks, PCS systems, and so-called "follow-me" services all store location information in their networks. This new limitation is a major safeguard which will prevent law enforcement from casually using mobile and intelligent communications services as nation-wide tracking systems.

i. New limitations on "pen register" authority

Law enforcement must use "technology reasonably available" to limit pen registers to the collection of calling number information only. Currently, law enforcement is able to capture not only the telephone number dialed, but also any other touch-tone digits dialed which reflect the user's interaction with an automated information service on the other end of the line, such as an automatic banking system or a voice-mail password.

3. Bill does not preclude use of encryption

Unlike previous Digital Telephony proposals, this bill places no obligation on telecommunication carriers to decipher encrypted messages, unless the carrier actually holds the key.

4. Automated remote monitoring precluded

Law enforcement is specifically precluded from having automated, remote surveillance capability. Any electronic surveillance must be initiated by an employee of the telecommunications carrier.

5. Privacy considerations essential to development of new technology

One of the requirements that telecommunications carriers must meet to be in compliance with the Act, is that the wiretap access methods adopted must protect the privacy and security of each user's communication. If this requirement is not met, anyone may petition the FCC to have the wiretap access service be modified so that network security is maintained. So, the technology used to conduct wiretaps cannot also jeopardize the security of the network as a whole. If network-wide security problems arise because of wiretapping standards, then the standards can be overturned.

B. Draconian provisions softened

In addition, the surveillance requirements imposed by the bill are not as far-reaching as the original FBI version. A number of procedural safeguards are added which seek to minimize the threatens to privacy, security, and innovation. Though the underlying premise of the Act is still cause for concern, these new limitations deserve attention:

1. Narrow Scope

The bill explicitly excludes Internet providers, email systems, BBSs, and other online services. Unlike the bills previously proposed by the FBI, this bill is limited to local and long distance telephone companies, cellular and PCS providers, and other common carriers.

2. Open process with public right of intervention

The public will have access to information about the implementation of the Act, including open access to all standards adopted in compliance with the Act, the details of how much wiretap capacity the government demands, and a detailed accounting of all federal money paid to carriers for modifications to their networks. Privacy groups, industry interests, and anyone else has a statutory right under this bill to challenge implementation steps taken by law enforcement if they threaten privacy or impede technology advancement.

3. Technical requirements standards developed by industry instead of the Attorney General

All surveillance requirements are to be implemented according to standards developed by industry groups. The government is specifically precluded from forcing any particular technical standard, and all requirements are qualified by notions of economic and technical reasonableness.

4. Right to deploy untappable services

Unlike the original FBI proposal, this bill recognizes that there may be services which are untappable, even with Herculean effort to accommodate surveillance needs. In provisions that still require some strengthening, the bill allows untappable services to be deployed if redesign is not economically or technically feasible.

C. Provisions that must be changed

EFF plans to work on the following issues in the bill as the legislative process continues:

1. Strengthened public process

In the first four years of the bill's implementation, most of the requests that law enforcement makes to carriers are required to be recorded in the public record. However, additional demands for compliance after that time are only required to be made by written notice to the carrier. All compliance requirements, whether initial requests or subsequent modification, must be recorded in the Federal Register after public hearings, to allow for public scrutiny.

2. Linkage of cost to compliance requirements -- the FBI gets what it pays for and no more

The bill authorizes, but does not appropriate, $500 million to be spent by the government in reimbursing telecommunications carriers for bringing their networks into compliance with the bill. The FBI maintains that this is enough money to cover all reasonable expenses. The industry, however,

has consistently maintained that the costs are five to ten times higher. Given the FBI's confidence in their cost estimate, we believe that telecommunications carriers should only be required to comply to the extent that they have been reimbursed. This spending cap is both a safeguard against requiring unnecessary surveillance technology, and a way to guarantee that carriers' expenses for electronic surveillance are truly paid for by the government, not by the customers.

3. Ensure right to deploy untappable services

The enforcement provisions of the bill suggest, but do not state explicitly, that services which are untappable may be deployed. The bill should be state directly that if it is technically and economically unreasonable to make a service tappable, then it may be deployed, without interference by a court.

4. Clarify definition of call identifying information

The definition of call identifying information in the bill is too broad. Whether intentionally or not, the term now covers network signaling information of networks which are beyond the scope of the bill. To maintain the narrow scope of the bill, this definition should be clarified.

5. Review of minimization requirements in view of commingled communications

The bill implicitly contemplates that law enforcement, in some cases, will intercept large bundles of communications, some of which are from subscribers who are not subject of wiretap orders. For example, when tapping a single individual whose calls are handled by a PBX, law enforcement may sweep in calls of other individuals as well. Currently the Supreme Court requires "minimization" procedures in all wiretaps, to minimize the intrusion on the privacy of conversations not covered by a court's wiretap order. We believe that the bill should reinforce the current minimization requirements by recognizing that stronger minimization procedures may be required.

* * *

Locating Relevant Documents
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** Original 1992 Bush-era draft **

ftp.eff.org, /pub/EFF/Policy/FBI/Old/digtel92_old_bill.draft
gopher.eff.org, 1/EFF/Policy/FBI/Old, digtel92_old_bill.draft
http://www.eff.org/pub/EFF/Policy/FBI/Old/digtel92_old_bill.draft
bbs: +1 202 638 6120 (8N1, 300-14400bps), file area: Privacy - Digital Telephony; file: digtel92.old

** 1993/1994 Clinton-era draft **

ftp.eff.org, /pub/EFF/Policy/FBI/digtel94_bill.draft
gopher.eff.org, 1/EFF/Policy/FBI, digtel94_bill.draft

http://www.eff.org/pub/EFF/Policy/FBI/digtel94_bill.draft
bbs: +1 202 638 6120 (8N1, 300-14400bps), file area: Privacy - Digital Telephony; file: digtel94.dft

** 1994 final draft, as sponsored **

ftp.eff.org, /pub/EFF/Policy/FBI/digtel94.bill
gopher.eff.org, 1/EFF/Policy/FBI, digtel94.bill
http://www.eff.org/pub/EFF/Policy/FBI/digtel94.bill
bbs: +1 202 638 6120 (8N1, 300-14400bps), file area: Privacy - Digital Telephony; file: digtel94.bil

** EFF Analysis of sponsored version **

ftp.eff.org, /pub/EFF/Policy/FBI/digtel94_analysis.eff
gopher.eff.org, 1/EFF/Policy/FBI, digtel94_analysis.eff
http://www.eff.org/pub/EFF/Policy/FBI/digtel94_analysis.eff
bbs: +1 202 638 6120 (8N1, 300-14400bps), file area: Privacy - Digital Telephony; file: digtel94.ana

--
David Myers dem@skyline.dayton.oh.us
Dayton, Ohio dem@meaddata.com

674. Information on contacting the House via the Internet

Newsgroup: rec.radio.scanner
Date: 1994-08-14 23:54:10 UTC
From: dem@skyline.dayton.oh.us
Message-ID: <32mar2$8ki@skyline.dayton.oh.us>
Source record: 270335
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

This could be helpful in learning more about legislation which
affects our hobbies, and perhaps will allow us to contact legislators
themselves.

From: JPX@hr.house.gov
Newsgroups: comp.org.eff.talk
Subject: Congressional Committee takes to the Net (long)
Date: Fri, 12 Aug 1994 16:09:40 GMT
Organization: Committee on Science, Space & Technology
Lines: 130
Distribution: na
Message-ID: <JPX.16.2E4B9EC4@hr.house.gov>
NNTP-Posting-Host: 143.231.251.142
Summary: House Science Committee goes on-line
Keywords: Congress House Science Committee

This is the initial posting from the Committee on Science, Space,
and Technology of the U.S. House of Representatives, chaired by the
Honorable George Brown of California. We have agreed to serve as
the "beta" testers for House Committees trying to learn how to use
the Internet. We posted this message to some of the USENET
newsgroups that discuss topics relevant to our jurisdiction over
Federal civilian research and development activities to:

(1) Increase the number of people who know we do have
Internet access;
(2) Indicate how we can be reached on the net; and
(3) Start learning how to take advantage of this information
system in our daily activities.

Getting the Congress to use Internet has been discussed in a few
threads on various USENET newsgroups of late. Some of you may be
familiar with the E-Mail Pilot Project established by the Committee
on House Administration, chaired by the Honorable Charlie Rose of
North Carolina. Those Members of the House currently maintaining
an electronic mailbox for constituent communications may be found
by e-mailing "congress@hr.house.gov" with the text "HELP" or "INFO"
in the message body. You will receive an automated response with
the necessary instructions.

Also, the text of legislation introduced in the U.S. House of
Representatives during the current Congress is now available on a
W.A.I.S server located at the House Information Systems data
center. The server may be accessed from the directory at

quake.think.com or using the following information:

Server: diamond
Port: 210
Database Name: USHOUSE_house_bill_text_103rd

It can also be found on gopher.house.gov in:

Congressional Information/Legislative Resources

The database contains the text of House bills beginning with
October 1993 and is updated daily.

What follows now is the message you will automatically receive in
response to messages sent to housesst@hr.house.gov, the Committee's
Internet address. It describes items like the Committee's gopher
server, which you can also find at gopher.house.gov.

---------- begin ----------
Welcome to the electronic mailbox system for the Committee on
Science, Space, and Technology of the U.S. House of
Representatives. This Internet service is provided for ease of
communication with the Members and staff of the Committee.
If your message is addressed to a specific Member, it will be
printed out in hard copy and forwarded to the Member's office for
response by U.S. Mail.
If your message is addressed to a staff member of the
Committee, it will be forwarded electronically to that staff member
for response. Depending on the nature of the response, it might
reach you in either electronic or postal form.
Messages for the Committee press office will be acknowledged
electronically and then followed up on, if necessary, with material
by post or fax. You can reach the press office directly via
Internet at "sstpress@hr.house.gov".
The Committee also maintains a bulletin board on the House of
Representatives Internet gopher server at "gopher@hr.house.gov".
Much of the public information material provided by the Committee
is available on this gopher system.
Much of this information also is available on the Committee's
"Straight Talk" voice-response system. Dial 202/225-3018 and
follow the menu instructions for a touch-tone telephone.
Thank you for contacting the House Science Committee. Please
be patient as we experiment with this new way of better serving
your communications needs. If you wish to write to the Committee,
please direct your correspondence to:

Committee on Science, Space, and Technology
2320 Rayburn House Office Building
U.S. House of Representatives
Washington, DC 20515
---------- end ----------

At this time, we suggest you supply both your e-mail and postal addresses in any communication to the Committee. Each office in Congress has its own policy for responding to public inquiries. So, if we forward your e-mail to a particular Member's office, they may choose to respond with a regular letter. Our Committee hopes to increase our use of e-mail in responding to public inquiries.

We have chosen the following subset of USENET groups for our initial foray into the net.world:

alt.california
alt.cyberspace
alt.dcom.telecom
alt.politics.datahighway
comp.dcom.telecom
comp.org.cpsr.talk
comp.org.eff.talk
misc.education
misc.education.science
misc.legal
sci.agriculture
sci.astro
sci.bio.ecology
sci.chem
sci.energy
sci.engr
sci.environment
sci.geo.geology
sci.math
sci.med
sci.misc
sci.physics
sci.research
sci.space.policy
talk.environment
talk.politics.crypto

Please feel free to repost this message to other groups that might find the information of value. Your comments on what should be carried by this channel of communications would also be welcomed.

Committee on Science, Space, and Technology
U.S. House of Representatives
Washington, D.C. 20515 HOUSESST@HR.HOUSE.GOV

DISCLAIMER: Opinions expressed in this posting are those of the sender and do not necessarily reflect those of the Committee, the Chairman or any Member of Congress.

--
David Myers dem@skyline.dayton.oh.us

Dayton, Ohio dem@meaddata.com

675. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-15 00:15:21 UTC
From: dcd@se.houston.geoquest.slb.com
Message-ID: <32mc2p$eru@sndsu1.sinet.slb.com>
Source record: 270336
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <32b9cd$q3@news.u.washington.edu> davidb@ce.washington.edu (David W. Barts) writes:
>
>Please take this thread to another newsgroup. If I had want to
>read the whinings of clueless reactionaries, I'd have subscribed

Of course, if you weren't in the mindset of "I don't want to hear about it", by now you might have learned enough about current events to be disturbed about it yourself.

676. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-15 00:19:10 UTC
From: dcd@se.houston.geoquest.slb.com
Message-ID: <32mc9u$ev9@sndsu1.sinet.slb.com>
Source record: 270337
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <1yBXqc1w165w@opus-ovh.spk.wa.us> bmork@opus-ovh.spk.wa.us (Brian) writes:
>
>The finances of America will break our back and usher in a "I don't care
>what freedoms you take. Fix my life" attitude.

I don't agree that this would be the mood in the wake of an economic collapse. Check out the history of the depression, and the Bonus Marchers, and various other movements. We can very close to revolution back then, and yet the attitude was not "take my freedoms". It was more "you guys [politicians] screwed this up, and if you think we're going to go along with you any longer, you're crazy."

677. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-15 00:31:53 UTC
From: dcd@se.houston.geoquest.slb.com
Message-ID: <32md1p$fgi@sndsu1.sinet.slb.com>
Source record: 270345
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <CuC827.DE@world.std.com> dweeks@world.std.com (David M Weeks) writes:
>It seems to me that there's no reason for (let's call them)
>anti-scanner interests to wait for the bill to fail before they
>start this media campaign. Why not use it now, to drum up support
>while the bill is being debated?

One thing at a time. Today it's owners of those evil-baby-killing-assault-weapons-which-can-kill-a-roomful-of-people-with-one-bullet-and-which-have-no-sporting-purpose. Yesterday (and probably again tomorrow) it was those perverts on computer networks (hello) who exchange pornography and allow child molesters to entice children. The day before it was the godless tobacco companies who sell death to little children and the helpless. Before that it was those awful (homosexuals/homophobes, pick one) and how they'd lead to the downfall of civilization. Before that it was those evil drug users who ought to be locked up for smoking a joint, unlike our fine upstanding alcoholics. Oh yeah, and somewhere in there it was "cult" members who owned rifles just in case the armies of evil ever came calling and needed to be fought (and lo, so it came to pass).

Your turn will come, just be patient. It's hard to whip up a good froth of public hysteria and outrage on more than one issue at a time.

678. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-15 00:36:56 UTC
From: dcd@se.houston.geoquest.slb.com
Message-ID: <32mdb8$flh@sndsu1.sinet.slb.com>
Source record: 270346
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <32lb53$hhg@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:
>If any sort of huge scanner ban
>is ever enacted, you would probably hear huge screams from the media
>(TV, radio, newspapers) who are big-time scanner users in finding and
>reporting news stories.

I'll bet you a dollar -- if the movement begins, the media would be
exempt, because as long as it doesn't affect them, they won't bother
speaking up for anybody else. The usual government "facts" would then
be relayed without complications.

679. schematics

Newsgroup: rec.radio.scanner
Date: 1994-08-15 02:03:12 UTC
From: rherndon@ima.infomail.com
Message-ID: <501_9408162102@ima.infomail.com>
Source record: 270285

On 04 Aug 94, F. Barry Mulligan illuminates speedily to All:

FBM> Manuals for all Radio Shack equipment are available from:

FBM> Tandy National Parts
FBM> 900 E. Northside Dr.
FBM> Fort Worth TX 76102
FBM> (800) 442-2425
FBM> => (817) 870-5600 (calling from outside the US)

Well, I had my local RS store try the national parts for a schematic for the Realistic SA-700 audio amplifier I picked up at a garage sale. Nat Parts said no go. Maybe there's someone out there with a copy. I'd love it!

73 de K5FNI

680. Re: Realistic Handheld Scanner 200ch

Newsgroup: rec.radio.scanner
Date: 1994-08-15 02:39:21 UTC
From: msmith@netaxs.com
Message-ID: <32mkgp$bpl@netaxs.com>
Source record: 270338
Cross-posted to:
cle.forsale,misc.forsale,misc.forsale,freenet.com-ctr.forsale,freenet.rec.irc.open,pa.forsale,dc.forsale,rec.radio.scanner

Mark E. Hricko (aa733@cleveland.Freenet.Edu) wrote:

: In a previous article, jamie@wariat.org (Jamie) says:

: >For sale: Realistic 200ch programmable handheld scanner. Radio Shack sells
: >it for $299, it's now on sale for $199. I am asking $80 OBO for mine,
: >excellent contidion, with manual.

: i would *highly* recommend not buying this scanner. it was stolen from
: Radio Shack (Mr. Rishaw lost his job after stealing this scanner and then
: buying a warrantee for it). by the way, it was stolen from the Radio Shack
: at Parmatown Mall. you can check on it if you want. i'd also recommend
: someone calling up radio shack to tell them Jamie is trying to sell it.

I don't know this guy, and I don't know you, but what you've just said
here constitutes libel and defamation of character. Unless you have
documented proof and are willing to show it at the time you make this
statement, this could get you into more trouble than it's worth. If the
guy stole it, fine, report him, tell his boss, call the cops, whatever...
But under no circumstances is what you've just done acceptable behaviour.

--
+-------------------+-------------------------+-------------------------+
| msmith@netaxs.com | root@valhalla.netaxs.com | odin@valhalla.netaxs.com |
+-------------------+--------+-----------------+----+---------------------+
| msmith@valhalla.netaxs.com | netaxs1@pipeline.com | HIGHLANDER |
+-----------------+----------+----------------------+---------------------+
| IRC Nick: Aesir | BTECH Muse - btech.netaxs.com 3056 - At it's new site |
+-----------------+---+

681. The Enemy (was: newspaper journalist needs input)

Newsgroup: rec.radio.scanner
Date: 1994-08-15 03:15:03 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CuK3p3.MzF@freenet.carleton.ca>
Source record: 270339

In a previous article, pmulivor@eckert.acadcomp.monroecc.edu () says:

>hi, i'm philip mulivor, a newspaper reporter in rochester, ny. once again i
>find myself writing about cellular telephone privacy (or lack thereof), and i
>need input from some serious, knowledgeable hobbyists on the following:
>
>1. can people still buy new scanners that can be modified to receive cell phone
>frequencies? which units, if any, are easily modifiable and good performers?
>
>2. where do scanner listeners obtain modification documentation?
>
>3. what's the prevalent attitude among hobbyists with respect to cellular
>monitoring ?
>
>thanks for your input. this group has helped me tremendously with past articles
>and i appreciate it.
>
>phil mulivor
>pmulivor@eckert.acadcomp.monroecc.edu
>or FAX: 716-256-2222
>

Yikes! This is scary stuff. Newspaper Journalist! You are the reason that scanners may be banned. Funny thing ALL NEWSROOMS have scanners in them for getting their stories, but when average people own scanners we are electronic voyeurs... When the phone companies came up with cell phones they pushed them as safe and secure as land-line phones, oooppps sorry they are RADIOS folk sorry to surprise you but they are just radios... So the phone co. lobbists went to Congress and rammed through the ECPA forcing the manufacturers to retro-fit existing scanners. This act ECPA also forced TV sets to not have channels 73-83 on them anymore, because you could monitor cell phones on your TV set. When it became apparent BECAUSE OF THE MEDIA that the retro-fit mods could be defeated oppps better lobby Congress again to ban these horrible devices. The cell phone people still sell cell phones like they are as secure as the regular landline connections. Funny thing though it is the media that seems to publicize who they heard saying what to whom. Maybe Congress should take the scanners away from the media, because they seem to be the ones having gains from the use of scanners.

73's

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

682. Re: Realistic Handheld Scanner 200ch

Newsgroup: rec.radio.scanner
Date: 1994-08-15 04:04:09 UTC
From: jamie@wariat.org
Message-ID: <32mpfq$rfr@gazpacho.wariat.org>
Source record: 270340
Cross-posted to:
cle.forsale,misc.forsale,misc.forsale,freenet.com-ctr.forsale,freenet.rec.irc.open,pa.forsale,dc.forsale,rec.radio.scanner

Deus Ex Machina (msmith@netaxs.com) wrote:
: Mark E. Hricko (aa733@cleveland.Freenet.Edu) wrote:

: : In a previous article, jamie@wariat.org (Jamie) says:

: : i would *highly* recommend not buying this scanner. it was stolen from
: : Radio Shack (Mr. Rishaw lost his job after stealing this scanner and then
: : buying a warrantee for it). by the way, it was stolen from the Radio Shack
: : at Parmatown Mall. you can check on it if you want. i'd also recommend
: : someone calling up radio shack to tell them Jamie is trying to sell it.

: I don't know this guy, and I don't know you, but what you've just said
: here constitutes libel and defamation of character. Unless you have
: documented proof and are willing to show it at the time you make this
: statement, this could get you into more trouble than it's worth.

This issue is already in the hands of legal counsel, and I do plan to
pursue it.

I apologize for wasted bandwidth, and the scanner is sold.

683. Opto's Interceptor

Newsgroup: rec.radio.scanner
Date: 1994-08-15 04:12:54 UTC
From: keng@shell.portal.com
Message-ID: <32mq06$6dt@news1.shell>
Source record: 270341

One possible use of Opto's Interceptor would be to use it to map out a city's cellular system. Go to each cell site turn on the Interceptor and scan for cell freqs. After gathering all the data one could determine what cell group each is in and accurately determine a callers direction of travel for example.

Just A Thought.

#include <stddisclaimer.h>

684. HELP! me eliminate scanner-buzzing noise!

Newsgroup: rec.radio.scanner
Date: 1994-08-15 04:43:01 UTC
From: dctrhappy@aol.com
Message-ID: <32mrol$nsk@search01.news.aol.com>
Source record: 270342

This reguards my Realistic Pro-34. Since I have replaced my rubber-ducky ant. w/ a metal center-load antenna I've been experiencing a problem. I scan around 150mhz and sometimes when a strong signal was being broadcasted I hear a buzzing noise that makes the freq. inaudible. It only happens when I turn my speaker up loud. I tried lowering the antenna all the way up and down and it still does it. Could it be that the magnet in the speaker is interfering with the circutry? Thanks in advance... ->

685. A scanner in every car!

Newsgroup: rec.radio.scanner
Date: 1994-08-15 04:52:07 UTC
From: tmnichol@nps.navy.mil
Message-ID: <32ms9n$2v0@sagan.nps.navy.mil>
Source record: 270343

I do not know much about this new anti-scanner bill, but it would seem to me that all those cars out there that can scan/seek A.M. and F.M. stations would have to be removed? Is the ban on scanners or on certain bands like cellular? Is the AM/FM radio in your car considered a scanner? If not, why not?

686. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-15 06:54:10 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Aug14.225410.4422@cmkrnl>
Source record: 270353
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <qq2wqc4w165w@opus-ovh.spk.wa.us>, bmork@opus-ovh.spk.wa.us (Brian) writes:
> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>
>> I don't see a problem. The first few words say "knowingly AND with intent to
>> defraud". Sure, I possess a scanning receiver, but not with "intent to
>> defraud" anybody. Similarly, Optoelectronics produces hardware and software
>> that modifies scanning receivers -- but not so that they can be used to
>> "obtain unauthorized access to telecom services".
>
> But you're missing the point. They are saying that *by having* an
> Optoelectronics Interceptor you are showing criminal intent.

I just don't see this in the text at all.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

687. Re: AR8000 Prroblems

Newsgroup: rec.radio.scanner
Date: 1994-08-15 09:12:17 UTC
From: chill@wv.mentorg.com
Message-ID: <32nbhh$or5@newsgw.mentorg.com>
Source record: 270347

In article <32kg4k$k3t@pipe1.pipeline.com>, ligosa@pipeline.com (Chris Barbosa) writes:
|>
|> Here is what I'm experiencing:
|>
|> Sometimes (alot) when I turn the unit on it dose'nt boot up, It
|> just stays blank with the light on and a low squelch sound.
|> Nothing in the dispaly and no response from the keypad. I have
|> to take out and put back a battery to reset it.
|>

The model I was being demoed by my local dealer performed that trick.
It wouldn't reset for ages.

--
Chris_Hill@mentorg.com
Mr Paranoid sends me messages, he says that THEY have taken over
my employers; I fool them by disseminating my own opinions!

688. ***PRO36 Mods?***

Newsgroup: rec.radio.scanner
Date: 1994-08-15 12:01:01 UTC
From: brewer@anarky.enet.dec.com
Message-ID: <32oe6o$avb@decabo.abo.dec.com>
Source record: 270363

Can anyone help with a pointer for a file with PRO 36 mods?

Any help is greatly appreciated.

/john

689. Re: HELP! me eliminate scanner-buzzing noise!

Newsgroup: rec.radio.scanner
Date: 1994-08-15 12:55:19 UTC
From: schuster@panix.com
Message-ID: <32nojn$a16@panix3.panix.com>
Source record: 270349

In article <32mrol$nsk@search01.news.aol.com>,
DctrHappy <dctrhappy@aol.com> wrote:
>This reguards my Realistic Pro-34. Since I have replaced my rubber-ducky
>ant. w/ a metal center-load antenna I've been experiencing a problem. I
>scan around 150mhz and sometimes when a strong signal was being
>broadcasted I hear a buzzing noise that makes the freq. inaudible. It
>only happens when I turn my speaker up loud. I tried lowering the antenna
>all the way up and down and it still does it. Could it be that the magnet
>in the speaker is interfering with the circutry? Thanks in advance... ->

Go back to the duckie.

The stronger signal from the telescopic antenna is probably allowing
intermodulation distortion to occur.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

690. Re: GRE Super Converter II

Newsgroup: rec.radio.scanner
Date: 1994-08-15 14:11:00 UTC
From: domonkos@access.digex.net
Message-ID: <QAtJkiubGkPF066yn@access.digex.net>
Source record: 270350
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <32inhi$3do@canopus.cc.umanitoba.ca>, Paul Hancock wrote:
> I am interested in buying a GRE converter for my PRO-43 to receive
> cellular and would like to hear from anyone that has used the converter
> with their handheld. How effective is it or am I just better off doing
> the mod?
>
> Any help would be appreciated.
>
> Paul.

If you can do the mod, do it. I have the GRE converter for an old Uniden BC100XL and it works great! Only problem is the scanner has 12.5Khz steps, but the PLL in the scanner does a good job of locking close enough to the frequency. A little pricey but well worth it. Besides, if it ever blows out it has VHF/UHF mixer transistors that can be easily replaced, so this converter will be in use on many scanners for years...

Andy

691. ICOM RI forsale $275 Baltimore Maryland

Newsgroup: rec.radio.scanner
Date: 1994-08-15 15:21:49 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <32o16d$jct@paperboy.gsfc.nasa.gov>
Source record: 270352

Subject: ICOM R1 forsale
Organization: BFEC at GSFC, Greenbelt, MD

I have an extra ICOM R1 scanner for sale. Asking $275 for the unit.
I'm located by Baltimore, Maryland, so if you can't pick it up I'll split shipping with
you. Comes with charger and extra battery, but the extra battery is
on its way south(it holds only a small charge). Rubber Ducky included. I
have the manual but not the box. EMail me at this address

reider@atria.gsfc.nasa.gov

Sorry if I'm slow responding, I'm busy at work.

692. My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-15 15:27:06 UTC
From: glr@ripco.com
Message-ID: <CuL1L6.5MJ@rci.ripco.com>
Source record: 270351
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

--

8/12/94

WH> Press Office.

FD> Yeah, can you tell me the title of Wendy Smith?

WH> Wendy Smith.

FD> Right.

WH> Hold on. This is April.

FD> Yes, I was calling to see I could get the title of Wendy Smith.

WH> Can I ask who I am talking to?

FD> I am Glen Roberts with the Full Disclosure News Service.

WH> And I'm just curious what are you look for her title for?

FD> I'd also like to get a phone number where I can reach her at.

WH> I'm not certain that Wendy generally talks to the press. I'm just
WH> curious what, for what reason you want to get in touch with her.

FD> I wanted to

WH> I can help you get in touch with her if you want me to.

FD> I wanted to talk to her about some phone calls from Air Force I.

WH> Ok, is there a reason you want to talk to her?

FD> Because

WH> It's odd, we don't usually get press requests for her, that's all.

FD> Ok, basically she was making phone calls from Air Force I today and
FD> they were being monitored by average citizens out there and we wanted
FD> to get her comments on, the use of radio telephones from Air Force
FD> One and the public listening in.

WH> Ok, and you're from Full Disclosure News Service?

FD> Right.

WH> Is that a publication?

FD> We have a magazine and a radio show.

WH> And, are you in Milwaukee?

FD> No, I am in the Chicago area.

WH> And you were listening to the call?

FD> I have information that she placed calls from Air Force I that were
FD> being monitored by the public.

WH> Like a ham radio or something?

FD> Like a police scanner, like something you buy at Radio Shack for $99

WH> Ok. Ok, and you want to talk to her about the substance of the call
WH> or you want to talk to her about the

FD> The publicness of the calls and whether she is aware the calls are
FD> monitorable by any of the 12 million people in the US with police
FD> scanners and things of that nature.

WH> Ok.

FD> Also, I was interested in what her title was because I just had a
FD> name and didn't know what her position was.

WH> Yeah. Um. What was your name?

FD> Glen Roberts

WH> And your phone number?

FD> (708) 838-4478

WH> Ok. Ok and what would you just. What was the conversation you
WH> overhead just for my information.

FD> My information is she placed a phone call or two from Air Force I
FD> that was broadcast for anyone who wanted to listen in on it.

WH> Ok, and you don't what the substance of the call was or who they to.

FD> I have some notes on that, but I would like to talk to her about it.

WH> Ok, well, I'm trying to help you out, but I am just. I'd like to know
WH> what I'm. What's she's gonna have to respond to before I you know get
WH> in touch with her. I'm sure she's interested.

FD> Well you can pass on it and she can call me back or not. Um, you
FD> know, but we like to talk to people and get their views on it and not
FD> have somebody telling people what to say.

WH> Ok, I'm not doing that at all.

FD> I don't want somebody to prepare a speech or a --

WH> No. No, I was not even insinuating that. I'm sure she would be
WH> interested in who she was talking to, when she talked to you. I was
WH> obviously a private phone call so, I don't want her to be totally
WH> caught off guard. You know what I mean?

FD> That's really the point of my call. It's it really a private phone
FD> call. Are the phones on that plane presented to the users of them as
FD> being private phone calls or are they being presented as being gee
FD> there are 12 million people with police scanners that can tune in.

WH> Right.

FD> Because additionally, New York Mayor Giuliani made calls from Air
FD> Force I today.

WH> Um hmm.

FD> I'm not sure if you can put me in contact with him or if I should go

WH> Yeah, if you want to talk to him, you should probably talk to his
WH> office.

FD> Right.

WH> Ok, well, I will do my best to get in touch with her. She's obviously
WH> on the road right now. Our communication to that site is somewhat
WH> limited, because of the, because the trip was obviously not planned. The
WH> decision to go wasn't finalized until last night. Our communication
WH> was not up to what it normally is for a trip.

FD> And your name is?

WH> My name is April.

FD> Can you give me the direct number there?

WH> Sure, it's 456-2580. Ok, if you don't hear from me, you can call
WH> back. But, I will try and get in touch with them. Like I said we
WH> don't have phones set up like we normally do on the road. But, I will
WH> do my best to reach them.

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
No record. No Trace calling: 1-900-STOPPER (786-7737). $1.95/min
---

693. Advice Needed - Buying AR8000 in London

Newsgroup: rec.radio.scanner
Date: 1994-08-15 17:17:14 UTC
From: men0@ns1.CC.Lehigh.EDU
Message-ID: <32o7uq$2hbk@ns1.CC.Lehigh.EDU>
Source record: 270356

I'm considering asking my dad, who's going to London next month, to pick-up an AR8000 for me. Having never traveled overseas or bought anything there, I have several questions: Is there an retailer in London? If so what is their address? What is the likely selling price? How does duty work and how much will it be? He needs to state that this radio is for display, not use, correct? Finally, can I ask the retailer to change the cellular channel spacing to US spec? Any other US spec issues? Thanks, everyone, for your help!
Michael E. Nagel
Office of Development

694. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-15 17:18:26 UTC
From: holland@access3.digex.net
Message-ID: <32o812$kub@access3.digex.net>
Source record: 270354
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

In article <CuL1L6.5MJ@rci.ripco.com>, Glen Roberts <glr@ripco.com> wrote:

>8/12/94
>
>WH> Press Office.
>
>FD> Yeah, can you tell me the title of Wendy Smith?
>
>WH> Wendy Smith.

[deletia]

>WH> And I'm just curious what are you look for her title for?
>
>FD> I'd also like to get a phone number where I can reach her at.

[more deletia]

Geez. If you get that kind of run around regarding publicly available
information, I'd hate to see what they'd do with information that
they hadn't already disclosed. Anyway, Wendy Smith is the
Deputy Director of Scheduling and Advance and Trip Director for the
President. She can be reached through the Office of Scheduling and
Advance at 202-456-7560.

Brian

--
Brian Holland PHONE: (202) 785-9100
MORRISON & HECKER FAX: (202) 785-9163
1150 18th Street - Suite 800 CIS: 70703,1307
Washington, D.C. 20036 holland@access.digex.net

695. Re: 900 MHz spread spectrum systems

Newsgroup: rec.radio.scanner
Date: 1994-08-15 17:19:50 UTC
From: grady@netcom.com
Message-ID: <gradyCuL6t3.57x@netcom.com>
Source record: 270355
Cross-posted to: sci.crypt,rec.radio.amateur.digital.misc,rec.radio.scanner

Steve_Allen (stevalln@dorsai.org) wrote:

: My understanding is that these phones use direct sequence spread spectrum.
: I was browsing thru a book on this the other day (idly, at the bookstore
: while looking for other stuff), and seem to recall reading that dsss is
: the easiest mode to sync to. I think you sort of slide your sequence back
: and forth over the signal, and when they're synced, the signal gets clear
: in an easily detectable way. (Can't remember the details of that, tho).

The same principle is used in the GPS constellation and some kinds of amateur packet modems to enhance the transmission reliability of small amounts of data in the presence of a large amount of random noise.

The base transmits a short pseudorandom sequence of bits. The receiver slides the same sequence along the uncorrelated background noise until the receiver notices that in one particular position their are far more matching "peaks" and "valleys" than in any other position. You are now in sync and can then copy the bursts that follow relatively easily.

Reputedly phones like the Tropez do not actually use spread-spectrum for the voice portion of the transmission, though, so we're still going to have to wait for Voice-PGP or something before we have true voice/data radio security.

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

696. Re: pro-46 and pro-23 banned forever!

Newsgroup: rec.radio.scanner
Date: 1994-08-15 18:45:18 UTC
From: tvervaek@col.hp.com
Message-ID: <32od3u$84g@hp-col.col.hp.com>
Source record: 270357

I have a Pro-46 and didn't have to make any mods to listen to cell. Just listen a little lower and it's all right there. I mean if someone actually listened to it, not me... :---)


```
( ___ )------------------------------------------------------------( ___ )
| / | Tom Vervaeke Email: tvervaek@mailhub.cs.itc.hp.com | \ |
| / | Hewlett Packard Co. Phone: 719-590-2133 | \ |
| / | Colorado Springs, CO. | \ |
| / | | \
|___| I love animals. They taste delicious. |___|
(_____)------------------------------------------------------------(_____)
```

697. Re: PRO-39 v. PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-08-15 18:49:51 UTC
From: jqtaylor@boi.hp.com
Message-ID: <CuLAz3.IxM@boi.hp.com>
Source record: 270360

Peter Laws (plaws@comp..uark.edu) wrote:

: Does someone have a 'diff' file on these two radios?
: ...

A TALE OF TWO SCANNERS

~~~~~~
The Pro 39 and the Pro 43: A General Comparison
by John Quill Taylor

~~~~~~

This is a general yet practical comparison between two popular Realistic(TM) Brand portable scanners, the Pro 39 and the Pro 43. This is not an in-depth technical comparison, as these have been written already. This is a comparison from my own experience using both scanners. I've had a Pro 39 for seven months, and a Pro 43 was just acquired recently, so my report is probably biased toward the Pro 39, with which I am more familiar.

Overall Impressions and complaints:
==========

The Pro 39 & Pro 43 have some major differences and some subtle differences. The subtle differences can be surprising. For example, the beep confirmation tone is about one whole note higher in frequency on the Pro 39 than on the Pro 43! Also, each radio has its own "personal" behavior: the quality (or lack thereof) of its sound, the brightness (darkness?) of the internal lamp, and the ease with which you can read (or not read) the LCD display, all vary between one radio and another, even of the same model!

In MANUAL mode, both radios have a STANDBY feature that allows the scanner to consume less power, Both radios go into STANDBY mode after about 5 seconds. The STANDBY circuit produces and audible thump in an external speaker. When using an AC adapter (either charging or powering), an audible hum is heard when using an external speaker.

What's GOOD about BOTH the Pro 39 & the Pro 43:
==========

Both of these radios share the same small footprint (more like thumbprint!). They use the same battery pack (6 AAs), AC and DC adapters (9V), and have a similar look and feel, including the antenna connector (BNC), earphone connector (1/8"), and squelch and volume knobs. Both radios can be modified to restore full 800 MHz coverage, and modifications exist to eliminate the beep and improve the sound.

What's BAD about BOTH the Pro 39 & the Pro 43:
==========

Although a modification exists to defeat the beep confirmation tone, a switch to enable or disable it would have been nice. The sound of the beep when using headphones or an external speaker is quite obnoxious, but the beep is somewhat useful during programming, since the buttons are rather small.

The belt clip is a piece of trash. Granted, it only costs a dollar to replace (at Radio Shack); I've spent three dollars more than I care to have spent on this weakly designed part. Luckily, its failures have not caused any damage to the radio itself, a very real possibility.

The internal speaker's in both radios suck.

On my Pro 39, I once was removing the batteries while the power was on, and I lost all the frequencies! I am unsure whether this can happen to the Pro 43, but I recommend turning the power off before taking the battery pack out and leaving it off until the pack is securely in place.

When in PRIORITY mode, the scanners often "leap" from a frequency with a solid carrier. Also, during the "sampling" of the priority channel, the radio often "misses" a pressed button, requiring you to press it again. These little "bugs" occur also on the Pro 2006.

What's GOOD about the Pro 39:
==========

The Pro 39 has a lower price.

The Pro 39 has a much easier to read LCD, at least on the radios I have seen. I returned my first Pro 43 because the display was hardly readable.

The Pro 39 uses less than half the current drain as compared to the Pro 43 (according to published specifications). This was my initial reason for getting a Pro 39 versus a Pro 43. Where does all that power go in the Pro 43? Is it the triple conversion? Is it the triple conversion? Is it the triple conversion? Who knows?

While the internal speakers are awful in both models, my Pro 39 has a much better sound. It is, in a quiet room, even "listenable." The Pro 43 speaker "cracks up" (this may be the fault of the audio amplifier, since both radios perform well with headphones or an external speaker).

The general "behavior" of the Pro 39 seems a bit more "positive" to me, although I have owned this radio much longer than my Pro 43. When scanning, pressing LOCKOUT works immediately on the Pro 39, while it seems to hesitate a brief moment on my Pro 43.

What's GOOD about the Pro 43:
==========

The Pro 43 has a few extra front panel features that are nice, like an AM/FM button. The Pro 39 "assumes" AM mode in certain frequency ranges, and this

mode cannot be "overridden" with a button like the Pro 43.

The Pro 43 scans in both directions, from lower to higher channels (default "wakeup" mode, like the Pro 39) and also from higher to lower channels. This is a subtle but very handy feature that allows you simple way to "bounce" back and forth between two closely spaced "hot" frequencies.

The Pro 43 features triple conversion (versus double on the pro 39). I didn't think this was a big deal, especially if you live in a "little" town like I do, and I still don't think it's a big deal if all you do is scan the programmed channels. Where triple conversion pays off is during searches, but since neither radio has "frequency lockouts" during search mode, both radios will "hang" on dead carriers, birdies, etc. during searches.

The Pro 43 has a shorter antenna (about 1/2" shorter). It is also narrower (about 1/8" narrower).

The Pro 43 "remembers" the channels without batteries, although many times I have left my Pro 39 on all night (after the batteries expired) and the frequencies were still there. Maybe I am just lucky.

The Pro 43 has better frequency coverage (see the Radio Shack Catalog).

The Verdict:
==========

The Pro 39 is less expensive but it only uses double conversion. The Pro 43 uses triple conversion, and yet it uses more power, has a more difficult to read LCD, and sounds worse using the internal speaker. While some great discounts can be had on both of these radios, I strongly recommend holding and operating both radios side by side before buying, and, if I had to do it again, I would buy them in person, since it appears that each radio varies in its LCD display and sound quality.

--

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John Quill Taylor / /\
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Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 230 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

698. Trunked autopatch

Newsgroup: rec.radio.scanner
Date: 1994-08-15 18:49:52 UTC
From: jdgan@freenet3.scri.fsu.edu
Message-ID: <32odcg$9dp@freenet3.scri.fsu.edu>
Source record: 270361

My employer uses an 800mhz trunked system and on certain specific radios a 'phone patch. Since trying to monitor this, I have discovered that I can hear the phone calls on the "busness band" AND the cellular. Maybe I hear images on the cells, but the calls are ABSOLUTELY broadcast on the business band i.e. can also hear other customers on the trunk using 'phone. Are these considered "cellular" phones.....IMO They are simply "business band radio" and not subject to the ECPA. Comments?????

699. Re: A scanner in every car!

Newsgroup: rec.radio.scanner
Date: 1994-08-15 18:52:41 UTC
From: jdgan@freenet3.scri.fsu.edu
Message-ID: <32odhp$9vo@freenet3.scri.fsu.edu>
Source record: 270362

Troy M. Nichols (tmnichol@nps.navy.mil) wrote:
: I do not know much about this new anti-scanner bill, but it would
: seem to me that all those cars out there that can scan/seek A.M.
: and F.M. stations would have to be removed? Is the ban on
: scanners or on certain bands like cellular? Is the AM/FM radio
: in your car considered a scanner? If not, why not?

:::VERY good point! i.e. four programmable "channels"=scanner!

700. SCANNER FORSALE!

Newsgroup: rec.radio.scanner
Date: 1994-08-15 19:24:00 UTC
From: eddie.imperial@cutting.hou.tx.us
Message-ID: <71.5266.102@cutting.hou.tx.us>
Source record: 270374

I HAVE A PRO-59 8 CHANNEL PLUS WEATHER RADIO SHACK SCANNER 137-174 408-512
WORKS FINE! $40+4 SHIPPING.
EDDIE 713-437-0124

... Catch the Blue Wave!
___ Blue Wave/QWK v2.12

- Eddie Imperial
Internet : eddie.imperial@cutting.hou.tx.us

701. pro-51

Newsgroup: rec.radio.scanner
Date: 1994-08-15 19:24:40 UTC
From: jfilner@reed.edu
Message-ID: <32ofdo$3gd@scratchy.reed.edu>
Source record: 270364

Please forgive me if this has already been asked, but I didn't see it on this news group. I've seen (like everyone else probably) the pro-51 on sale for what seems like pretty cheap. It didn't seem very hardy, but otherwise is it a good scanner? Is it worth the money at the current price or is something better avialable?

End of line...
(jfilner@reed.edu)

702. Re: 900 MHz spread spectrum systems

Newsgroup: rec.radio.scanner
Date: 1994-08-15 19:50:22 UTC
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Message-ID: <1994Aug15.195022.2307@mixcom.mixcom.com>
Source record: 270359
Cross-posted to: sci.crypt,rec.radio.amateur.digital.misc,rec.radio.scanner

In <32g65v$651@portal.gmu.edu> smasters@bzy.gmu.edu (Shawn C. Masters) writes:

>Michael S. Morgan (mmorgan@solar.NoSubdomain.NoDomain) wrote:
>: Wasn't one of the main purposes of spread spectrum to make it
>: harder to jam a signal? The encryption is just ancillary, and
>: not that good? The encryption only becomes secure when you
>: use a one time pad...right?

>: Mike

> Spread spectrum was not developed as an encryption scheme.

Correct. It has some interesting RF properties which you touched on.
Taking a wider view (no pun intended), spread spectrum is just another
method of implementing the physical layer. If you want security,
encrypt the digital data prior to sending it to to the DSSS
"pseudo noise" "mixer".

--
/`-_ kevin.jessup@mixcom.com |
{ }/ Marquette Electronics, Inc | Time for another tea party!
\ / Milwaukee, Wisconsin, USA |
|__*| N9SQB, ARRL, Amateur Radio |

703. Re: A scanner in every car!

Newsgroup: rec.radio.scanner
Date: 1994-08-15 19:54:16 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Aug15.195416.26697@news.csuohio.edu>
Source record: 270365

tmnichol@nps.navy.mil (Troy M. Nichols) writes:
: I do not know much about this new anti-scanner bill, but it would
: seem to me that all those cars out there that can scan/seek A.M.
: and F.M. stations would have to be removed? Is the ban on
: scanners or on certain bands like cellular? Is the AM/FM radio

Ban is on importation and manufacture of scanning receivers that
can receive or be modified to receive cellular phone transmissions.
A scanner is defined as any radio receiver that can scan 4 or more
pre-defined frequencies. It is still OK for retailers to SELL
cellular-capable scanners that were mfg. or imported BEFORE April 26,
1994 (so they can sell their inventory of pre-April 26 units).
The reason RS is yanking units off the shelf in a sweaty panic
is because they were mfg. AFTER 4/26/94, are cellular-modifiable
(due to a design flaw), and thus in violation of FCC rules. OOPS!

: in your car considered a scanner? If not, why not?

Your car radio is considered a seeker, not a scanner. It seeks and plays
the next strongest station. When set to SCAN, it seeks and waits
10 seconds, then goes to the next station, waits 10 sec, etc, etc, etc.
In this case, it is "scanning" discrete frequencies sequentially,
but they are not predefined as programmed frequencies, even though
you have some number of presets (probably more than 4)i
for your favorite stations. Plus, of course, your car radio does
not pick up cellular, so you are safe there.

Although it can memorize stations in presets, your AM/FM radio is
still not a scanner strictly because it cannot scan those presets
automatically, even though they are predefined.

I suppose you could get around the scanner definition by coming
up with a scanner-less (i.e., no memories) radio that simply sweeps
the cellular frequencies (like your car radio searching for the
next strongest station), but then you are dealing with a device
that intercepts and demodulates cellular transmissions, therefore
still in violation of FCC rules.

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

704. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-15 19:59:42 UTC
From: kmorrill@strauss.udel.edu
Message-ID: <32ohfe$cto@strauss.udel.edu>
Source record: 270358
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

In article <CuL1L6.5MJ@rci.ripco.com>, Glen Roberts <glr@ripco.com> wrote:

>FD> Are the phones on that plane presented to the users of them as
>FD> being private phone calls or are they being presented as being gee
>FD> there are 12 million people with police scanners that can tune in.

It seems to me that increased awareness of the lack of privacy will alter the nature of future conversations, making them less interesting to those of the 12 million who monitor them. When Disclosure is Full, privacy will be strengthened. The last vestiges of the Golden Age of scanning conversations will rest in the large installed base of cordless telephones, after cellular calls become thoroughly digitally encrypted, and in electronic bugs, surreptitously placed, and in baby monitors, mindlessly left on around the clock. Yet, finally, with the assistance of the Nightly News, and sustained and multiplied efforts after the model of this conversation with the White House, boldly and forthrightly made, even these means will be rooted out, and the privacy that the electronically aware currently are able to provide for themselves will be more widely extended to those not in the know.

Yet, who will be the first to call his cordless neighbors to ask the kinds of questions that Glen Roberts had the courage to ask the White House? What kind of stout character is required to end even the possibility of interception? Or am I wrong about awareness curtailing conversation? After all, _friends_ and _family_ I have told continue to speak in the 46.61 to 46.97 Mhz range.

I am sure that there is money to be made in the demise of the Golden Age of scanning. Isn't Tom Kneitel an example?

I am afraid that if it were up to me, such calls to the White House would not be made, if only to slow down the end of an interesting era in scanning history. And yet, privacy will be strengthened; privacy will be strengthened, as the disclosure of what can be done with a scanner becomes more and more full in the brave new world of reasonably justified court-ordered decryption.
--
Ken Morrill <kmorrill@strauss.udel.edu>

705. Re: Update: Newly revised "Scanner Ban" bill

Newsgroup: rec.radio.scanner
Date: 1994-08-15 21:03:38 UTC
From: Daniel Warren <WarrenD@env05.chinalake.navy.mil>
Message-ID: <CuLH62.2Es@avalon.chinalake.navy.mil>
Source record: 270370
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <crispCuFAK0.3oo@netcom.com> Richard Crisp, crisp@netcom.com writes:

[a long discussion of a proposed bill to restrict scanning deleted]

Unfortunately, this excellent discussion does not contain the Bill Number, something which would be nice to have if you plan on contacting your congressman. Anyone know what it is?

706. Re: Chicago BBS?

Newsgroup: rec.radio.scanner
Date: 1994-08-15 21:14:18 UTC
From: doc@webrider.central.sun.com
Message-ID: <32olra$30p@cronkite.Central.Sun.COM>
Source record: 270371

Darrell -

Not sure if this is the one you meant, but there is a CARMA (Chicago Area
Radio Monitoring Association) BBS at (708)852-1292. Should give you lots
of good information.

Later,

Steve

In article 3272@eku.acs.eku.edu, stujorda@eku.acs.eku.edu (Darrell Jordan) writes:
> Someone posted some information on a scanner BBS in Chicago (i Think) a
> couple of months ago, and I have lost the number and other information.
> Could whoever posted it, please either post it again or send it to me.
> Thanks in advance.
> Darrell Jordan--Stujorda@acs.eku.edu
> BITNET Stujorda@eku.bitnet
>

--
-- Steve Bunis, Sun Microsystems ***DoD 0795*** 93-ST1100
-- Itasca, IL ***AMA 682049*** ***STOC 008***
-- ***HRCA HM125617** ***HSTA 5334***
-- *** N9VLP *** "This Space for Rent"
--

707. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-15 21:47:59 UTC
From: maustin@hollywood.cinenet.net
Message-ID: <32onqf$qkm@hollywood.cinenet.net>
Source record: 270367
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

Glen Roberts (glr@ripco.com) wrote:

: FD> I have information that she placed calls from Air Force I that were
: FD> being monitored by the public.

: WH> Like a ham radio or something?

: FD> Like a police scanner, like something you buy at Radio Shack for $99

Great! Maybe they'll outlaw this now as they've done in the Telecom
bill with cordless telephone monitoring. What's the point of this? Alerting
the public of privacy issues is one thing. Alerting the government will
only cause scanner uses of this type to be made illegal. First your
SSN database and now this! Always trying to stir up some shit, aren't
you Glen?

708. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-15 21:51:13 UTC
From: drinkwat@adobe.com
Message-ID: <1994Aug15.215113.17723@adobe.com>
Source record: 270366
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

In article <32o812$kub@access3.digex.net> holland@access3.digex.net (Brian Holland) writes:
>In article <CuL1L6.5MJ@rci.ripco.com>, Glen Roberts <glr@ripco.com> wrote:
>
>>FD> Yeah, can you tell me the title of Wendy Smith?
>[deletia]
>
>>WH> And I'm just curious what are you look for her title for?
>
>Geez. If you get that kind of run around regarding publicly available
>information, I'd hate to see what they'd do with information that
>they hadn't already disclosed. Anyway, Wendy Smith is the
>Deputy Director of Scheduling and Advance and Trip Director for the
>President. She can be reached through the Office of Scheduling and
>Advance at 202-456-7560.

The run-around is standard operating procedure at all levels of government for your basic low-level clerk types. They risk next to nothing by not giving out information, but they risk their jobs (or worse) if they give out information they shouldn't.

In practice, of course, this means that even information which any normal citizen expects to be publically available may need to be chased down without official "help". For instance, a few years back my father did an analysis of the budget growth trends in Santa Clara County, CA. In several instances, County office clerk-types responded to his inquiries about where past-year budget data could be found by first saying "I'm not sure that information can be made public, sir."

It's a cover-your-ass reflex.

709. Looking for Commonwealth Games Freqs

Newsgroup: rec.radio.scanner
Date: 1994-08-15 22:11:01 UTC
From: mpatz@unixg.ubc.ca
Message-ID: <32op5l$obd@nnrp.ucs.ubc.ca>
Source record: 270373

Does anyone in Victoria or the U.K. have any frequencies that could be worth listening in on, such as security (including Queen E.)?

710. Cellular Freq's

Newsgroup: rec.radio.scanner
Date: 1994-08-15 22:57:00 UTC
From: amf25@bonjour.cc.columbia.edu
Message-ID: <32orrs$289@apakabar.cc.columbia.edu>
Source record: 270369

Hi, I believe that monitoring cellular freq's on a handheld scanner is
against the law so I would never do such a thing. But just
out of curiosity does anyone out there have the freq ranges that
cell work on. Especially in the New York Metro or nearby area?
Is there a faq on the subject? are there any good ftp sites for
this info? or freqs in general? thanks

711. UK Scanner freqs

Newsgroup: rec.radio.scanner
Date: 1994-08-15 23:07:05 UTC
From: rlc@medphys.ucl.ac.uk
Message-ID: <1994Aug15.102555.31697@ucl.ac.uk>
Source record: 270368

Are there any UK scanner listners on the net who are willing to trade interesting frequencies and/or mods to other UK listeners?

Most, if not all the traffic appears to be US biased, so if the UK listeners think it would be an idea to have a scanner.uk Newsgroup I may be interested in getting it started.

Lets hear from you!

Ron

712. Scanning in Northern Ireland

Newsgroup: rec.radio.scanner
Date: 1994-08-16 00:26:56 UTC
From: glr@ripco.com
Message-ID: <CuLqKw.H8v@rci.ripco.com>
Source record: 270372
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.privacy,alt.2600

Here's the text of a fax I received during Full Disclosure Live last night:

08/15/94 1:45AM

Thanks, I just got the fax number, I regularly listen to your stn on 5.810 mhz, it is indeed a very good stn and well worth the air time so please keep up the excellent transmissions.

A couple of points that I would like to make about the privacy rights. Here in well not just in Northern Ireland but within the whole of the U.K. we are restricted so much here for example it is illegal to listen to police, army, fire or even commercial aircraft, let alone to say that they use certain frequencies to transmit on. SO we do not even have the right to listen to the radio unless we do it their way!!

Here in N. Ireland much to the amazement of many we are subject to "Big Brother." Yes if you leave the country you can guarantee it is logged in the system! Maybe you could not care what happens in the rest of the world, the point I am making is that you don't have to live in third world countries to be subject to suppression, from the power of government control.

Anyway keep up the good quality on your station I for one will continue to listenn at around this time (1:00am for about 2hr).

- John, Lisburn, Northern Ireland
--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure, four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
No record. No Trace calling: 1-900-STOPPER (786-7737). $1.95/min
---

713. AOR Scanner Part

Newsgroup: rec.radio.scanner
Date: 1994-08-16 17:47:58 UTC
From: piazza@mopar.irs
Message-ID: <32qu4e$3ob@kodak.rdcs.Kodak.COM>
Source record: 270279

Does anyone out there know where I can get a replacement rotary switch (encoder) for my AOR AR-2500 scanner? I called ACE Communications directly, but they REFUSED to sell me one (Just send the whole scanner in and we'll fix it for a flat $45+ service fee). I don't want to ship the scanner, and I can replace the switch myself.

Joseph Piazza, N2MSG !rochester!kodak!apache!piazza
Eastman Kodak Co., Rochester, NY.

714. Re: A scanner in every car!

Newsgroup: rec.radio.scanner
Date: 1994-08-16 18:41:32 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Aug16.104132.4436@cmkrnl>
Source record: 270278

In article <1994Aug15.195416.26697@news.csuohio.edu>, mike@garfield.csuohio.edu (Mike Mayer) writes:
> tmnichol@nps.navy.mil (Troy M. Nichols) writes:
> : I do not know much about this new anti-scanner bill, but it would
> : seem to me that all those cars out there that can scan/seek A.M.
> : and F.M. stations would have to be removed? Is the ban on
> : scanners or on certain bands like cellular? Is the AM/FM radio
>
> Ban is on importation and manufacture of scanning receivers that
> can receive or be modified to receive cellular phone transmissions.
> A scanner is defined as any radio receiver that can scan 4 or more
> pre-defined frequencies.

is that the precise wording?

> Your car radio is considered a seeker, not a scanner. It seeks and plays
> the next strongest station. When set to SCAN, it seeks and waits
> 10 seconds, then goes to the next station, waits 10 sec, etc, etc, etc.
> In this case, it is "scanning" discrete frequencies sequentially,
> but they are not predefined as programmed frequencies,

(Note, all following comments by me are quibbling over definitions, more in the sense of curiousity and fun than anything else.)

So what? The freqs it scans are certainly "predefined" -- by the manufacturer. ie on the FM band, mine starts at 88.1 MHz and advances in 200 kHz steps to 107.9. Sure sounds "predefined" to me (at least, I don't think I can change it!). And as for "programmed", stuff that's "prgrammed" in ROM is still programmed.

> even though
> you have some number of presets (probably more than 4)i
> for your favorite stations.

> Plus, of course, your car radio does
> not pick up cellular, so you are safe there.

yes, so all of this is moot re the cellular laws.

> Although it can memorize stations in presets, your AM/FM radio is
> still not a scanner strictly because it cannot scan those presets
> automatically, even though they are predefined.

It is (almost :-) never safe to say that "no product of type X can do function Y". Lots of car head units can most certainly scan their presets automatically. The feature is often called "preset scan" or "memory scan". Mine has it.

(Remember, "no generalization is true, not even this one." :-)

> I suppose you could get around the scanner definition by coming
> up with a scanner-less (i.e., no memories) radio that simply sweeps
> the cellular frequencies (like your car radio searching for the
> next strongest station), but then you are dealing with a device
> that intercepts and demodulates cellular transmissions, therefore
> still in violation of FCC rules.

Again, the car radio does not "sweep", it steps in 200 kHz (FM) or 10 kHz
(AM) steps.

The Optoelectronics Interceptor, by contrast, is apparently a true "sweeper".
Has its manufacture been banned under the ECPA?

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

715. BC 200XLT test codes

Newsgroup: rec.radio.scanner
Date: 1994-08-16 19:09:35 UTC
From: C_Gingras@Infopuq.UQUEBEC.CA
Message-ID: <Cun6Jz.3nt@UQuebec.CA>
Source record: 270318

I got the "2-9-l/o-on" sequence for erasing all the memory banks on my 200XLT. Are there others "test" codes for this scanner ?? Any FAQ on this ? Of could someone poste these codes here (to my e-mail address). I thank you very much for your time.

SBG (SBGousse@cmq.qc.ca or here)

716. Re: rec.radio.scanner alt.radio.scanner

Newsgroup: rec.radio.scanner
Date: 1994-08-16 19:51:01 UTC
From: banister@lobby.ti.com
Message-ID: <banister.65.0013DA3E@lobby.ti.com>
Source record: 270290

In article <stokes.17.039C4FC4@origin.ea.com> stokes@origin.ea.com (Perry Stokes) writes:

...deleted

>I want a scanner with at least 400 channels, and better coverage (200MHz, etc)

>So far I'm eyeing the Pro2006. Radio Shack still wants 4 bills for this radio
>brand new. They also tell me that a new 1000 channel base unit is coming out,
>and they tell me this unit will cover upto 1.3GHz. I've been told it will
>cost about the same as the Pro2006. I'm afraid the new radio is going to
>have the 800MHz range hobbled per the April 26 1994 legislation.

>Does anyone know anything definate about the new 1000 channel radio?
>Will it be modifiable to get the full 800MHz range?

Yes, the new RS 1000-channel base unit will have part of the 800MHz band
disabled; and will NOT be modifiable to get full coverage. The PRO-2006
covers the same frequency range (up to 1.3GHz) with 400 channels, but
can be modified for much more than that (i.e. 6400+ channels!!).

>I'm also very interested in the computer control unit available for the 2006.
>If the new unit doesn't support this, it will sway my decision against it.

Yes, the 2006 can be modified for computer control. Either the CE-232
interface from Commtronics (Bill Cheek) or the Opto-456 from Opto-tronics
(or something like that).

>I also suspect I should wander away from RadioShack and get an AOR or
>something. Anyone have any reccomendations for one of these?

>And finally, can someone hook me up with one of those mail-order places that
>sell the 2006 at a discount?

I would still suggest buying the 2006. I just did!!! Bought mine from
Marymac for $359 (+tax for us TX residents) delivered. Received it in 2
business days after placing the order, completed the 800 MHz & 15%
scan speed increase mods in about 60 seconds, and began enjoying my new
scanner. Marymac's phone number is (800)231-3680.

Danny

717. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-16 20:06:39 UTC
From: warren@bluesky.com
Message-ID: <32r68f$g8d@pdx1.world.net>
Source record: 270275
Cross-posted to: rec.radio.scanner,alt.2600

In article <32pq27$a08@kaiwan.kaiwan.com>
reptile@kaiwan.com (Tecumseh) writes:

> Glen Roberts (glr@ripco.com) wrote:
>
> [...]
>
> What's the point?
>
> Are you assuming that the White House has no idea that
> routine, unclassified conversations are going out unsecure?
>
> Are you an irate citizen who thinks it's high time the government knew
> what these subversive scanner owners are up to?
>
> Are you trying to impress someone that you have been *in contact* with
> the White House?
>
> Are you OUT OF YOUR FUCKING MIND?

Ditto. Glen Roberts not only did a childish and stupid thing by
calling the White House ("nyaa nyaa, I heard AF1"), he seems to have
compounded it by seemingly trying to brag about it on the net. He and
his Journal just lot a lot of my respect. What a fool.

718. RADIO SHACK SCANNER BAN

Newsgroup: rec.radio.scanner
Date: 1994-08-16 22:30:04 UTC
From: jim@ttech.com
Message-ID: <jim-160894143004@jimsmac.ttech.com>
Source record: 270276

It is very possible that rec.radio.scanner or alt.radio.scanner are the cause of the following ban. Thousands of people read the postings regarding cellular modifications. I am sure these newsgroups are also read by the FCC. Therefore, we could be the cause of extinction of these products. I don't like to say "I TOLD YOU SO!", however I did post the following recommendations about 5 weeks ago:

1. Do not ask for illegal modifications on the newsgroup.

2. Ask only for "modifications". Don't ask for cell mods, cell frequencies, etc on the newsgroup.

3. Obtain all modifications via E-Mail. This is the discreet way of obtaining the information you
need.

4. Do not post illegal modifications for the FCC's viewing pleasure.

-Jim

jim@ttech.com

The notice from Radio Shack to the retail stores was:
(courtesy of CIS HamNet)

URGENTURGENT**URGENT**
IMMEDIATE ACTION REQUIRED*

Due to an engineering defect, we are required by Federal regulation to cease
selling or displaying the following two scanners:

20-305 PRO-46 HANDHELD SCANNER
20-504 PRO-23 HANDHELD SCANNER

IMMEDIATELY!! Remove these two scanners from display. Place them in a carton in your back room along with all store inventory. In the event you receive any additional shipments, place them in quarantine along with your display and current store stock. You will receive future shipping instructions for the return of these models for rework.

NOTE: THIS IS A FEDERAL REQUIREMENT. COMPLIANCE IS MANDATORY AND VIOLATIONS ARE SUBJECT TO SEVERE PENALTIES. ANY STORE FOUND IN NON-COMPLIANCE WILL BE SUBJECT TO DISCIPLINARY ACTION. POS WILL BE MONITORED DAILY TO ASSUE THAT ALL SALES OF THESE TWO SCANNER HAVE CEASED. THERE ARE NO EXCEPTIONS, INCLUDING LAY-AWAYS.

We have also stopped warehouse replenishment for two additional scanners:

20-148 PRO-2026 MOBILE SCANNER
20-308 PRO-51 HANDHELD SCANNER

Current information indicates these two models can continue to be sold.
Continue to sell your supply of these two models unless notified otherwise.

If you have any questions, contact your District Sales Manager.

---

719. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-16 23:04:08 UTC
From: glr@ripco.com
Message-ID: <CunHEx.AtA@rci.ripco.com>
Source record: 270277
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

David Smith (bladex@bga.com) wrote:

: That you ask so many questions about why Glen would possibly want to know
: such information makes me believe you don't recognize him as editor of
: Full Disclosure, a privacy newsletter with a hefty emphasis on technology
: related issues. He also has his own radio talk show and has written
: several pamphlets on privacy.

: So the only reason he'd be asking for this information is to, of course,
: make the White House look like silly nillies.

: No one has mentioned this....but can one scan the Air Force 1 channels
: and listen to Clinton speak? Why type of communication gear are they
: using, anyway?

Just like with the FBI Digital Wiretap legislation, they are stuck someplace in the 1950s or so. I would say the communication gear they are using is pretty poor.

Anyways, check out 415.700mhz narrowband FM (it comes in well on my under $100 radio shack scanner... yes, I have better scanners and it comes in just as well on them).

I haven't heard Clinton, but last night they were up on Air Force II out of Chicago coming in nicely.

in 1986, I recorded a number of phone calls placed by then President Ronald Reagan. In fact, when CH-5, WMAQ-TV in Chicago did an interviw with me, they showed a picture of Air Force I and said, this is Air Force One, then my my picture, saying, "and this is Glen Roberts," and broadcast the air force operator telling Congressman Michael, "Please stand by for the President."
--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure, four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
No record. No Trace calling: 1-900-STOPPER (786-7737). $1.95/min
---

720. Re: Scanning in Northern Ireland

Newsgroup: rec.radio.scanner
Date: 1994-08-16 23:29:58 UTC
From: rob@cta102.TheGap.com
Message-ID: <rob.6.0017808F@cta102.TheGap.com>
Source record: 270293
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.privacy,alt.2600

In article <CuLqKw.H8v@rci.ripco.com> glr@ripco.com (Glen Roberts) writes:

>A couple of points that I would like to make about the privacy rights. Here
>in well not just in Northern Ireland but within the whole of the U.K. we are
>restricted so much here for example it is illegal to listen to police,
>army, fire or even commercial aircraft, let alone to say that they use
>certain frequencies to transmit on. SO we do not even have the right
>to listen to the radio unless we do it their way!!

Not much in listening to the cops cos their transmissions are scrambled
anyway ! (cept for the really boring msgs).

>Here in N. Ireland much to the amazement of many we are subject to
>"Big Brother." Yes if you leave the country you can guarantee it
>is logged in the system! Maybe you could not care what happens in
>the rest of the world, the point I am making is that you don't have
>to live in third world countries to be subject to suppression,
>from the power of government control.

Funny everytime I cross the Irish sea, the border into ROI, or the boat to
Liverpool they don't log me !

>- John, Lisburn, Northern Ireland

^^^^^ AKA Mr Paranoid ?

721. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-16 23:56:59 UTC
From: abdul@pentagon.io.com
Message-ID: <abdul.777081216@pentagon.io.com>
Source record: 270291
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

bladex@bga.com (David Smith) writes:

>No one has mentioned this....but can one scan the Air Force 1 channels
>and listen to Clinton speak? Why type of communication gear are they
>using, anyway?

Sources tell me that Clinton spends a lot of his time talking to Blaine
Lastman of Bad Boy Furniture, discussing commerical ideas and practising
how to say "Nooooooooooooooooooobody!" :)

722. Scanner Law

Newsgroup: rec.radio.scanner
Date: 1994-08-17 00:39:29 UTC
From: jans0050@maroon.tc.umn.edu
Message-ID: <CunLv7.LBG@news.cis.umn.edu>
Source record: 270280

Could someone post or direct me where I could FTP this new scanner law, unedited?

(Maybe if you're a saint, you could email it to me...:))

Jerad Hoff

723. PRO-51 Hardware Mods?

Newsgroup: rec.radio.scanner
Date: 1994-08-17 00:54:48 UTC
From: domonkos@access.digex.net
Message-ID: <lzLKkiubG-XV066yn@access.digex.net>
Source record: 270281

Other than the keyboard trick, what is the hardware mod for the PRO-51?
Thanks.

Andy

724. VC-1147A on bc200xlt?

Newsgroup: rec.radio.scanner
Date: 1994-08-17 00:57:05 UTC
From: rout0003@maroon.tc.umn.edu
Message-ID: <rout0003.777085025@maroon>
Source record: 270283

I got a bc200xlt on June 1,1994 hoping to get one of the last units with the 800mhz mod. I was told that it was modable where I bought it, however, I waited so I didn't void the warranty right away. Well, today I popped open the case and to my surprise I found a VC-1147A (not the VC-1147) and no 10k resistor? I have already gotten allot of enjoyment without the missing frequencies so I am still going to keep it, but I was just wondering if anyone else ran across this in a bc200xlt? I know about the RS Pro's with the "A", but I haven't heard about any of the bc200xlt's. Just curious?

-Andy R.

725. RE: SPORTCAT 150

Newsgroup: rec.radio.scanner
Date: 1994-08-17 01:12:37 UTC
From: Jennifer Day-Elgee <elgeej@news.nbnet.nb.ca>
Message-ID: <32ro65$ppl@darwin.nbnet.nb.ca>
Source record: 270282

I've seen recent posts about the Sportcat 150 stating that it receives cellular without modification. I'm wondering how this is possible....would someone please advise? Also, if you are an owner of the Sportcat, how do you like it? I am considering buying one. Here in Canada, for the time being at least (maybe not for long) it is not illegal to listen to cellular/mobile/cordless phonecalls....just to reveal what you heard!

73,

Jennifer, VE9AO

Please email to: elgeej@nbnet.nb.ca

726. Re: GRE Super Converter II

Newsgroup: rec.radio.scanner
Date: 1994-08-17 01:33:47 UTC
From: rout0003@maroon.tc.umn.edu
Message-ID: <rout0003.777087227@maroon>
Source record: 270284

In <32inhi$3do@canopus.cc.umanitoba.ca> hancock@access.mbnet.mb.ca (Paul Hancock) writes:

>I am interested in buying a GRE converter for my PRO-43 to receive
>cellular and would like to hear from anyone that has used the converter
>with their handheld. How effective is it or am I just better off doing
>the mod?

I am also interested in one myself and was wondering if these are going
to be outlawed anytime in the near future? I followed the related thread
about kits/converters awhile back, however, it got too political and I
didn't stay with it. Sorry for any repeat of information.

Thanks!
-Andy

727. A few annoying questions:

Newsgroup: rec.radio.scanner
Date: 1994-08-17 01:40:34 UTC
From: rxy5310@hertz.njit.edu
Message-ID: <1994Aug17.014034.7156@njitgw.njit.edu>
Source record: 270286

I am a scanner newbie with a few questions on
buying a scanner.
Here goes:

-I see that the new cellular phones (such as the Bearcat 200XLTN) are
advertised with a caption reading: cell locked. Are these cell locked
phones modifiable or only the older models?

-Are any mod's available for the Uniden Sportcat 250?

-How can I tell if a scanner is Cell locked? Will the scanner remain
silent through the 800'ish frequencies or is it plainly not possible
to enter those frequencies into the scanner?

I will probably be choosing between the:
Radio Shack Pro-51
Uniden Sportcat 250
Uniden 200XLT

Is there is a difference between the SC-250Y and the SC-250J
or the 200XLTN and the 200XLTJ models?

--

Rolan Yang rxy5310@hertz.njit.edu
Electrical Engineering New Jersey Institute of Technology
---

728. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-17 01:59:33 UTC
From: kenh@w8hd.org
Message-ID: <32rqu5$nj3@w8hd.w8hd.org>
Source record: 270294
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

Great job, Glen....with the pending legislation being crafted to further prohibit the scanning hobby, your little publicity stunt phone call should go a long way to helping derail the silly legislation.

Further examples of irresponsibility in journalism. Hope you get really good ratings from your funny little stunt.

--
kenh@w8hd.org
Ken Hoehn - Teletech, Inc. Compuserve: 70007,2374
N8NYO P.O.Box 924 FAX: (313) 562-8612
Dearborn, MI 48121 VOICE: (313) 562-6873

729. PRO 51 Keyboard Mods...

Newsgroup: rec.radio.scanner
Date: 1994-08-17 03:25:01 UTC
From: domonkos@access.digex.net
Message-ID: <$8OKkiubGwG8066yn@access.digex.net>
Source record: 270287

The keyboard mod works great w/the PRO51, but the 824-848 Mhz region is still locked out. Any more keyboard fixes for this one? Or am I better off w/the h/w mod? Thanks.

Andy

730. Re: Scanner Master Phila

Newsgroup: rec.radio.scanner
Date: 1994-08-17 04:41:06 UTC
From: scan911@aol.com
Message-ID: <32s4d2$5cf@search01.news.aol.com>
Source record: 270288

In article <030_9408151323@nisc.fidonet.org>,
Rickey.Stein@illusion.metronj.org (Rickey Stein) writes:

>Just checking tosee if you are still here and if you can receive >this. I
have some additional information for ou for the next SM >Phila.

Rickey,

Hi! Yes, I am still here. You can e-mail me direct at scan911@aol.com.
I'm trying to tie up the third edition of the pocket guide for this fall
and the third edition of the big book for later this fall.

Any Internet submissions are appreciated, but prefer by E-mail and not by
posting.

Thanks!
Chuck Gysi, N2DUP
scan911@aol.com

731. Re: PRO 51 Keyboard Mods...

Newsgroup: rec.radio.scanner
Date: 1994-08-17 04:59:43 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-160894220007@lisaraip5.llnl.gov>
Source record: 270289

In article <$8OKkiubGwG8066yn@access.digex.net>, domonkos@access.digex.net
(Andy Domonkos) wrote:
>
> The keyboard mod works great w/the PRO51, but the 824-848 Mhz region is
> still locked out. Any more keyboard fixes for this one? Or am I better off
> w/the h/w mod? Thanks.
>
> Andy

You are better off with the keyboard mod because there is no hardware mod.

Gary

The above opinions are mine, not those of LLNL.

Gary Ross
Shot Director ROSS@NOVAX.LLNL.GOV
Nova Laser Operations ROSSMAN@AOL.COM
Lawrence Livermore National Lab ROSSMAN@EWORLD.COM
P.O. Box 808 L-489
Livermore, CA 94551

732. Re: 900MHz phone spread spectrum systems

Newsgroup: rec.radio.scanner
Date: 1994-08-17 08:29:26 UTC
From: orr@tk17
Message-ID: <32shp6$6a8@ousrvr.oulu.fi>
Source record: 270292
Cross-posted to: rec.radio.scanner,sci.electronics,sci,crypt,rec.radio.amateur.digital.misc

Can I suggest that the original poster refers to a basic text on Spread Spectrum Comms, rather than relying on often-conflicting net.hearsay. As an introduction, I would recommend Spread Spectrum Systems, R.C. Dixon, second edition, John Wiley & sons, New York, 1984. There are also many papers on the subject from IEEE journals and conference proceedings, some of which are good introductory tutorials.

Sometimes the confusion generated from a question on netnews can be quite unhelpful for a beginner in the subject- armed with the basics from articles and books, you can then start to understand specific systems, such as Qualcomm's CDMA proposals etc, or domestic phones using this system, but it is not helpful to dive in and be faced with the commercial views and popular misconceptions when you need the basic academic grounding, ie in m-sequences, pn codes, LFSRs, DS/FH/Hybrid systems etc.

Nigel
--
orr@tks.oulu.fi	Tel +358 81 553 2855	Fax +358 81 553 2845
"This writing business, pencils and what not. Overrated if you ask me"
Eeyore, "House at Pooh Corner"

733. Re: R7000/7100

Newsgroup: rec.radio.scanner
Date: 1994-08-17 11:22:50 UTC
From: vhealey@crl.com
Message-ID: <32srua$k39@crl2.crl.com>
Source record: 270295

The Icom radio was one ioof the few that with a little additonal ciruitry and software could follow a cell call as it hopped around. It could decode the control channel and provide you with al kinds of neat information. It can be used to servide a cell system or follow a given set of numbers if they should come up in the control channel. A perfect device for a detective on the move. If you had enough info about the structure of the cell ystem and tower locations you could even decode info that could give you a fair idea of where the subject cell phone was located.
There was a good article on this in Nuts and /Volts a year or two ago.

Ki4je

734. Re: 900MHz phone spread spectrum systems

Newsgroup: rec.radio.scanner
Date: 1994-08-17 12:47:38 UTC
From: wolf@beta.lanl.gov
Message-ID: <32t0tb$fak@newshost.lanl.gov>
Source record: 270298

In article <32shp6$6a8@ousrvr.oulu.fi> orr@tks.oulu.fi writes:
>
>Can I suggest that the original poster refers to a basic text on
>Spread Spectrum Comms, rather than relying on often-conflicting
>net.hearsay. As an introduction, I would recommend Spread Spectrum
>Systems, R.C. Dixon, second edition, John Wiley & sons, New York,
>1984. There are also many papers on the subject from IEEE journals
>and conference proceedings, some of which are good introductory
>tutorials.

the issue was not "what is ss" but "what are the details of the ss systems
used in the 900 MHz phones." we're assuming a working knowledge of the
basics of ss systems. thanks, david

735. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-08-17 13:45:04 UTC
From: parnass@ihlpf.att.com
Message-ID: <CuoM74.LEp@nntpa.cb.att.com>
Source record: 270297
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: August 17, 1994 |

Introduction to Scanning
by Bob Parnass, AJ9S

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This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, where to get it repaired if required, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves between 49.67 and 49.99 MHz by their sensitive baby monitor intercom.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. Change is in the wind -- when existing stocks are depleted, it will be illegal for companies to sell scanners which cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have recently enacted laws against listening to cordless phones, but it's currently legal to listen in most states. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend AOR brand scanners.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't

make sense to buy a crystal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners almost always provide more audio than portables, and portables are usually more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band unless you live in a very rural area where this band is not used. Usage of the 800 MHz band is growing by leaps and bounds.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to most scanner owners.

Currently, the more popular scanners include the Uniden/Bearcat 760XLT (a/k/a 950XLT) and Radio Shack PRO-2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT) and Radio Shack PRO-43 portables.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more.

If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be somewhat more prone to lightning strikes because they are not at "DC ground."

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Wal-Mart, K-Mart, Service Merchandise, and Circuit City sell scanners, but carry just a few models. Department stores, like Sears Roebuck and Montgomery Wards, sometimes offer scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- Marymac Distributing (Katy, TX) sells Radio Shack | scanners at discount, but charges a 20% restocking fee | for returned merchandise. Telephone (800)231-3680 and | (713)392-0747.

- Scanner World (Albany, NY). Telephone (518)436-9606.

Beware of inflated "shipping and handling" charges and be sure to include these when comparison shopping.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

KD4MOJ maintains a scanner modification server for people without FTP access. You can request a list of scanner modifications by sending electronic mail with the words GET INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove Enterprises for about $25. This single edition contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more

sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. It will likely disappoint experienced scanner hobbyists and is better suited for beginners. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The DOS access software is somewhat | difficult to use and the frequencies are displayed with | annoying leading zeroes.

Grove enterprises sells FCC license information on floppy disks. Disks for each state are sold separately, and the information is basically the same as the FCC "state sort," i.e., transmitter location (state/city), callsign, licensee

name, and type of license. The DOS access software is | easier to use than the PerCon CDROM.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded, attenuating cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in

1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. Rick Christian advises these strict rules for the AOSCNet Scanner Radio Echo (as of 2/1/94):

1. No discussion of cellular modifications or discussions on how to monitor cellular transmission.
2. No discussions on topics which would violate the ECPA '84, TDDRA '93, (18 USCA 2510 et seq.) or Communications Act 1934 & 1984 as amended (47 USCA 705), i.e., decoding/reception of paging, cellular, encrypted stuff, descrambling etc..
3. No Aliases.
4. No discussion of Shortwave or Amateur Radio material (except SAREX).

For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is the foremost club for scanner radio hobbyists in the northern Illinois area. CARMA was formed from the Chicago chapter of the Radio Communications Monitoring Association (RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays at area restaurants, about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about 4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members sometimes sell radio equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year subscription is available by mailing a $10 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Many CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for the remainder of 1994. All meetings will be held on Saturdays at the Destiny Restaurant, 1440 Rand Road, Des Plaines, IL:

October 15
December 10

Bring a notebook and your appetite.

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

736. How to Find Scanner Frequencies

Newsgroup: rec.radio.scanner
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HOW DO YOU FIND THESE SCANNER FREQUENCIES?

by Bob Parnass, AJ9S

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I am often asked, "How do you find these frequencies?" Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books

The most convenient source of fire and police frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores for under $10. Police Call is basically a computer printout of FCC license information in the fire, police, local government, and conservation services in two lists: by licensee name within state, and by frequency. Later editions have included a few pages of local airport and nonsensitive federal government frequencies.

I highly recommend Richard Prelinger's 1992 book, Monitor America, published by Scanner Master Corp., and available from Grove Enterprises for about $25. This second edition is crammed full of police, fire, local government, news media, sports, national park, and commercial broadcast frequencies for all 50 states. The information was compiled mainly from members of the world's largest scanning club, the Radio Communications Monitoring Association (RCMA). Monitor America contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.

Beyond Police Call, available from several sources including Radio Shack, covers the business, schools, and other stations not covered by Police Call, its sister publication. One volume covers the entire USA, but no call signs are shown.

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide. The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $20. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is the best book in print for this difficult to obtain information.

A more accurate, but smaller and less comprehensive book is Midwest Federal Frequency Directory. It was published in 1986, and copies are getting scarce. Copies may still be available for $10 from Scan America.

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells the information on PC floppy disks for each state instead.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The DOS access software is somewhat | difficult to use and the frequencies are displayed with | annoying leading zeroes.

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me.

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)1. Only 12 of the 21 information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau", indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'2.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information is marked 'unclassified', but all fields are furnished, including some which indicate security related usage. Grove sold this set of 33 microfiche cards for about $13.

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

Since the early 1960s, I had been an amateur radio operator, and belonged to amateur radio clubs, but I never realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road
Springfield, OH 45503

Do Your Own Sleuthing

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of

listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

More about sleuthing will be discussed in Part II of this article.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

Part I of this series discussed how scanner enthusiasts can obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

What Makes Station Identification Difficult?

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters. Police and fire departments, especially those with trained radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information.

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto

terminals, it's not uncommon to find Dymo or P-Touch tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I examined a military manpack radio being used by dispensary paramedics. The radio's tuning dial was set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored personnel carriers at the local county fair, each equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM radio had a set of channel select pushbuttons, much like those in a car radio. I asked a guardsman a few questions about the radio, and he demonstrated the channel preset feature. A panel above the channel pushbuttons was labeled with the frequencies: 32.055, 34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at the Marseilles armory "open house". The public was permitted to climb aboard, and observe the instrumentation and radio gear. A channel plate on the instrument cluster listed over a dozen frequencies.

Hobbyists are urged to exercise a modicum of restraint and good judgement. In New Jersey, a radio technician/hobbyist called to service a transmitter in a county building, noticed a new unattended repeater installation in the same room. Being curious about what frequency this repeater was on, he opened the access door to copy the frequencies from the radio's crystals. It turns out that this radio belonged to the US Secret Service, and opening the access door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's permission to tamper with that equipment.

Another source of frequency information is as close as your nearest Radio Shack store. Some Radio Shack stores make a local frequency list available to assist their scanner customers. Be sure to ask. Stores located in shopping malls almost always know the mall security frequencies. I often check the frequencies programmed into the floor model scanners, too.

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

How Can I Determine To Whom I'm Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot easier for me, and legal for them! (one may use FCC license microfiche, described in Part I of this article, to identify stations using call letters.) Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls. A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals

weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center (XYZ is a pseudonym for the actual licensee name.)
Lisle, Illinois

I watched the driver pick up a microphone, and listened to him on my portable scanner checking back with his "base".

All the pieces fit: the "guests", the "classes", the "instructors". Mystery solved; I had been monitoring the customer training center for a large computer manufacturer. The training center has hotel rooms and dining facilities to accommodate students from out of state. As a convenience, shuttle van service is provided to local shopping malls.

Summary

Through books, government records, and radio clubs, scanner listeners can make use of frequency information compiled by others. Two-way radio users often fail to identify their transmissions properly, making it more difficult for listeners to know who they are monitoring. By examining radio equipment labeling, and monitoring and taping transmissions, scanner enthusiasts can unearth new information.

Addresses

Grove Enterprises,
PO Box 98,
140 Dog Branch Road,
Brasstown, NC 28902.
tel (704)837-9200

Official Scanner Guide,
PO Box 712,
Londonderry, NH 03053.

Scan America,
430 Garner Drive,

Suffield, OH 44260-1557

Scanner Master,
PO Box 428,
Newton Highlands, MA 02161.
telephone 1-800-722-6701.

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1. See "The Government Giveth, the Government Taketh Away",
by Richard Prelinger, in Monitoring Times, July 1982.

2. See "AFIO and the FOIA", by Bob Grove, in Monitoring
Times, September 1982.

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

737. Buying a Used Scanner Radio

Newsgroup: rec.radio.scanner
Date: 1994-08-17 13:46:41 UTC
From: parnass@ihlpf.att.com
Message-ID: <CuoM9t.LIp@nntpa.cb.att.com>
Source record: 270300
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed July 2, 1994 |

BUYING A USED SCANNER RADIO

by Bob Parnass, AJ9S

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Anybody with enough money can buy a brand new scanner, but you can save lots of money if you get a good deal on a used scanner. Hamfests are probably the best place to find used radios, but you must be familiar with the equipment. Hamfests are repleat with older radios you won't see in today's catalogs.

At last count, there were over 70 scanners and monitor receivers of various brands in my collection. I purchase most of my receivers at hamfests or horsetrade with other radio hobbyists. This article describes a few of the FM receivers in my collection, and is not meant to be complete.

A Used Scanner May be a Broken Scanner

Getting a bargain is not without some risk. I have had sellers look me square in the eye and tell me their radio worked fine -- when it really didn't.

Buying a used portable scanner is riskier than buying a mobile or base model. Portable scanners are subject to more physical abuse and many have been dropped. If a radio has been dropped, the laws of probability dictate that the first point of impact was probably a corner, so be sure to examine each corner for evidence of trauma.

Scanners used in mobile service are subject to vibration, dust, and temperature extremes. This shouldn't dissuade you from buying a used mobile scanner, but be aware of possible complications.

You should have some recourse if the radio you buy turns out to be defective.

If you can't fix the radio yourself, you can pay to have the manufacturer or a service clinic repair it for you. Several people have been pleased with Electronic Repair Center, in Franklin Park, IL, which repairs scanners for a flat fee. Call them at (708)455-5105 to find out their current rates. G & G Communications (telephone 716-768-8151) is another scanner repair company. This family owned company repairs scanners and stocks parts for several older models. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Evolution of the Scanner

It helps to understand some scanner history before shopping for a used scanner. You will likely see radios from many vintages at a hamfest, and should avoid buying early units unless you are a scanner collector.

One of the earliest ancestors to the scanner was the converter. Manufactured by Tompkins (Tuneaverter), Petersen, Bearcat (Lil Tiger), Midland, and others, converters were made to operate in conjunction with AM radios. Then came wide band monitor receivers, in both tunable and crystal control models, like the Radio Shack PRO-2B. Truthfully, converters and tuneable FM receivers are interesting but don't work well by today's standards.

While tuneable receivers were in vogue, solid state technologies supplanted tubes. Better performing, narrow band crystal controlled units, like the Sonar FR-105, followed. These units did not scan, rather channel selection was accomplished using a simple rotary switch. Sonar even made a 24 channel unit, model FR-2513, in which crystals were held in a rotary "turret."

The earliest scanners, like the first Bearcat models, did not provide individual channel lockout capability. Other models, like the SBE Sentinel, employed a "Channel 1 Bypass" switch so a user could lockout channel 1.

The first scanners came in single band models, followed by multiband models. As two-way radio users started to populate the 450 - 470 MHz band, consumers were forced to pay a premium for UHF scanner coverage. Some multiband scanners, like the Electra's Bearcat III, required an optional circuit board for each band.

There were scanner mutations, designs which never evolved -- odd combinations of AM broadcast receivers with VHF-FM receive capability, like the flamboyant turquoise Sonar Sentry FR-103 portables, Electra's Jolly Roger, and GE's Surveyor series. Lafayette Radio Electronics offered a few CB transceivers with VHF receiver capability. These poor

performers didn't interest consumers of that era and you should avoid these models unless you are a scanner collector.

The first programmable (crystal-less) scanners were difficult to program. Users had to look up frequencies in a code book and tediously program the information into the scanner in binary form. Some models, like the Bearcat BC-101, Radio Shack COMP 100, and Tennelec MCP-1, resembled Altair or PDP-8 computers, with a row of 16 or so toggle switches. Instead of toggle switches, the Regency WHAMO-10 was programmed by breaking teeth from metal combs. The SBE Optiscan (and its Sears clone) required poking a series of holes in plastic cards which were then inserted into a slot on the front panel.

More Modern Scanners

Both Bearcat and Regency, as well as Radio Shack offer some good models. I would avoid the Bearcat 100, and scanners made by AOR, JIL, Fox, Tennelec, and Robyn.

Scanner features often differ not only by model but by manufacturer. For instance, most Radio Shack and Bearcat programmables allow enable/disable of the delay function on a per-channel basis. Older Regency units permit the delay to be enabled/disabled only globally, that is, for all the channels at one time.

Radio Shack scanners contain a reasonable number of features. All the older Radio Shack scanners were made by General Research Electronics (GRE). Uniden began making scanner models for Radio Shack in the late 1980s, and now supplies about half the Radio Shack scanners. The older GRE-made models scan a bit slowly and have a higher level of synthesizer noise. Most have too much hysteresis in the operation of the squelch control, but this can be fixed completely by replacing one resistor. Good, detailed shop manuals are available for Radio Shack units for $5 - $12.

In the name of cost cutting, some models have done away with the concept of a "channel bank", i.e. the ability to select/deselect a group of channels at a time. The bank concept was a good one. It may be inconvenient to operate a 30 channel scanner without banks (e.g. Regency MX3000, HX1000) if you operate the way many scanner hobbyists do.

If you want to buy an American-made scanner, you will have to buy an old model. A few years ago, the Regency and Bearcat scanner lines were purchased by Uniden, a Japanese company, and production was moved to Asia.

My favorite VHF/UHF receivers are the 300 channel Radio Shack PRO-2004, the newer 400 channel PRO-2005 and PRO-2006, and the ICOM R7000 and R7100. The ICOM models are more "communications receiver" than a conventional scanner.

Other favorites include the Bearcat 300 and 760XLT, Regency M400, and the Regency K500 (predates the M400), all of which include a "service search" feature.

For portable use, I prefer the Radio Shack PRO-43 and Uniden/Bearcat 200XLT. |

Obtaining Crystals |

If you do purchase a crystal controlled scanner or monitor | receiver, you will probably want to buy more crystals to | cover local frequencies. |

Scanner crystals may be ordered from your local Radio Shack | store or from one of the companies below. Be sure to | specify the operating frequency you want and the brand and | model of scanner. |

Some companies may ask you to send a schematic of the | scanner or require more detailed information, like series | or parallel resonance, load capacitance, etc. |

American Crystal Co. |
1623 Central Ave. |
Kansas City, KS 66102 |
tel. 913-342-5493 |

Bomar Crystal Company |
201 Blackford Ave. |
Middlesex, NJ 08846 |
tel. 908-356-7787 |

Cal Crystal Lab Inc. |
1142 N. Gilbert St. |
Anaheim, CA 92801 |
tel. 714-991-1580 |

International Crystal Mfg Co. |
11 N. Lee Ave |
Oklahoma City, OK 73102 |
tel. 405-236-3741 |

Jan Crystals |
Box #-6017 |
Fort Myers, FL 33911 |
tel. 813-936-2397 |

Monitor Crystal Svc |
124 W Walnut St Watseka, IL 60970 |
tel. 815-432-5296 |

ICOM

R-7000: At about $1000, this was once the top VHF/UHF receiver. 99 channel, multi mode coverage from 25-2000 MHz with a small gap at 1000-1025 MHz. Memory can be expanded to 198 channels by adding simple switch to pin 19 of memory IC8. Tuning knob lets you tune through parts of the spectrum much easier than using the SEARCH mode on conventional scanners. Selectable USB/LSB allows reception of new amplitude compandored sideband (ACSB) stations. S-meter doubles as discriminator meter to aid tuning. Useful search and store feature, reminiscent of the the Bearcat 250, searches between 2 limits and automatically stores new frequencies into channels 80-99. Audio and control interface for tape recorder. Noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Searches and scans slowly but can be sped up to about 12 cps by adding a resistor. Too big for permanent mobile use, but too nice to leave alone in the car. If you don't want to spend $1000, get a Radio Shack PRO-2004/5/6 instead.

R-7100: At about $1300, this is the Cadillac of VHF/UHF receivers. 900 channel, multi mode continuous coverage from 25-2000 MHz. The radio RF/IF/AF portions of the R7100 are similar to the older R7000, but the R7100 is constructed using surface mount parts. Both the R7000 and R7100 are much more immune to intermod than the Uniden/Bearcat 760XLT and the portable PRO-43. The firmware in the R7100 is much more sophisticated. 9 banks of 100 channels. Further, you can associate each channel with 1 of 10 groups. Many possible ways to scan. 10 pairs of search limits. Search and store ("memory write") scan mode lets you store 100 frequencies instead of the 20 in R7000. Another R7100 improvement is that you can program up to 100 channels for the R7100 to skip while searching. R7100 has 2 VFOs ("windows"). Both the R7000 and R7100 scan slowly compared with PRO-2004 and PRO-2006, and that's a drawback. Both the R7100 and R7000 employ a noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Scanning a mixture of VHF and UHF frequencies serenades the Icom user with a very annoying clickety-clack, clickety-clack!

UNIDEN/Bearcat and Electra/Bearcat

Bearcat III (Electra): 8 channel crystal controlled scanner. Requires optional front-end circuit board for VHF-low, VHF-high, and UHF bands, but only 2 boards can be installed within the radio at the same time. Two crystal filters. No aircraft band coverage nor rescan delay. Front mount speaker sounds good. Strong local oscillator

radiation often causes interference with other scanners in the same house.

Bearcat IV (Electra): 8 channel crystal controlled scanner. Newer version of Bearcat III but has better IF filtering and contains front-end circuitry for VHF-low, VHF-high, and UHF bands. No aircraft band coverage. Three crystal filters. Front mount speaker sounds good. No rescan delay.

Bearcat 12 (Electra): One of the last decent crystal controlled scanners. 10 channels. Variable scan speed up to 20 ch/sec. Single delay on/off switch. Front mount speaker sounds good. Manual contains schematic. Selectivity is poorer than programmable models, like the 300, allowing adjacent channel interference. Covers VHF-low, VHF-high, and UHF bands but no aircraft band coverage. Crystal positions must be arranged by band.

BC101 (Electra): First Bearcat synthesized unit. 16 channels, no priority. Frequency programmed in binary by setting toggle switches on front panel after looking up code in code book. No frequency readout. Uses custom IC for CPU, now discontinued, so factory authorized service is no longer available. I have four of these units. DC operation requires optional mobile power supply.

BC100 (Electra): First programmable portable scanner. Be prepared for at least one repair in the first year. Early units, with threaded antenna connector, have high frequency of repair, particularly LCD readout, keyboard, and battery holder. No battery backup. Poor case design in early units caused battery to disconnect from radio, resetting microprocessor and clearing memories. No priority channel or aircraft band. Some people swear by the BC100, others swear at them.

BC220 (Electra): 20 channels. Reasonable number of features but 20 channels doesn't seem enough. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC20/20 (Electra): A BC220 but with 40 channels. A maximum of 20 channels can be scanned at one time. Reasonable number of features. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC250 (Electra): 50 channel model, rich in features, but lacks aircraft band and 144-146 MHz. Search and Store feature extremely useful for finding federal frequencies. Clock. High frequency of repair. Power transistors not heat sinked adequately, causing heat damage to surrounding

components and circuit board. Failure of Q204 on the feature board known to cause odd display readings. Digital circuitry very sensitive to glitches caused by static and AC line spikes. Avoid 1978 or earlier vintage units. All BC250s use custom ICs (e.g., IC6, a divider chip, mfd. by Exar), which are now discontinued, so factory service is no longer available from Uniden.

BC260 (Electra): Super heavy duty metal cabinetry and lit controls, aimed at mobile use for firemen, police, etc. Few frills, only 16 channels, no aircraft, but generous coverage of federal bands omitted in the older Bearcat scanners. Good sensitivity. Lots of audio. Good internal construction. Backlit keyboard allows operation in the dark, but the keyboards on some units require high pressure to operate. Brightness control for display and keyboard, but multiplexor circuitry for vacuum fluorescent display produces audible whine which may be annoying in a quiet room. Backlighting may fail in some units due to poor contact on connector used to fasten light panel to front circuit board. 9 volt regulator transistor Q28 (TIP29) may fail, causing blank display while leaving audio intact. Method of connecting an external speaker is awkward.

BC300 (Electra): 50 channel top of the line scanner. Service Search feature contains 11 ROM banks of preprogrammed channels. Switching power supply failure noted in early units due to insufficient capacitance - component value was changed in newer units. Schematics show at least 100 components changed between earliest and later units. Preset squelch pot, mounted internally on circuit board, misadjusted in new units - adjustment usually required after burn-in period. Good sensitivity. Built in clock. I leave it on 24 hours a day. This is a favorite.

BC350 (Electra): 50 channels in 5 banks. Includes aircraft. Used to be Bearcat's top of the line, overpriced scanner but never very popular. Dual use keyboard and display allowed 8 text characters to be associated with each channel, a feature clumsily implemented, and awkward to use. Units plagued with various hardware problems including bad memory ICs and short life power transformers. Firmware bugs without cures. The BC300 is a much better scanner than the BC350, and at a lower price.

800XLT (Uniden): 40 channels in two banks. Covers 806-912 MHz, as well as of vhf, uhf, and aircraft bands. Receives 10 meter fm and all of 6 meters, as well as federal portions of vhf and uhf bands. Fewer birdies on vhf-lo band than other scanners. Scans and searches very fast.

Clean, robust audio output. Extremely sensitive, but very prone to overload by strong signals when connected to outdoor antenna. Too much play (hysteresis) in squelch adjustment - can be improved by changing one resistor. Positive terminal in memory backup battery holder installed backwards in early units, allowing memory loss when scanner unplugged from AC outlet. Tunes in increments of 12.5 KHz on 800 MHz band, whereas cellular telephones are on 30 KHz channels.

BC100XLT (Uniden): Excellent 100 channel portable with 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Generous coverage of conventional bands, including commercial aircraft, but no 800 MHz. Decent leather-like case. Slide-on 550 mAH NiCd battery pack.

BC200XLT (Uniden): Excellent 200 channel version of BC100XLT portable scanner but includes 800 MHz band. 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Decent leather-like case. Slide-on NiCd battery pack.

Regency

TMR series: First generation crystal scanners. Come in all varieties of band coverage. Models with both UHF and VHF bands must use separate antennas for each band (disadvantage in mobile installations, but can be overcome by connecting two front ends via a capacitor). Not sensitive enough to cover the entire 30 - 50 MHz range in a single model. There three versions of VHF-low band coverage depending on the part of the 30 - 50 MHz band covered (LL, LM. and LH). TMR scanners use unsocketed incandescent bulbs for channel indicators which require periodic replacement. Easy to crystal: Radio Shack crystals work well. TMRs usually $2 and up ad hamfests, often in poor condition. Don't pay more than $50, even if mint. Front ends must be tuned for selected portions within the bands for best sensitivity. Wide IF selectivity troublesome in urban/suburban areas. Primitive digital scanning circuitry may become confused at times. but power off/on restores sanity. Replace aging capacitors in the scanning circuits. You can find a TMR8H eight channel high band unit most often.

TME series: The base versions of the TMR models. Both the TME and TMR models share many common circuits but the base versions contain speakers mounted on the front panel. The most common TME model is the TME8 H/LM eight channel dual band scanner in a metal cabinet with wood coloring.

ACTR series: Replaced the Regency TMR units. By the time Regency made the ACTR units, they no longer offered different models for different parts of the 30 - 50 MHz band. Look for the later ACT series, e.g., ACTR-106 (10 channel tri band) or ACTR20/6 (20 channel tri band), used light emitting diodes for channel indicators instead of incandescent bulbs. Available in 1 to 20 channel models - most are multi band receivers. Somewhat wide selectivity. Not all that bad a deal if cheap.

ACTE series: The base versions of the ACTR series. The ACTE and ACTR circuitry is similar, although the base versions contain speakers mounted on the front panel. The most common ACTE model is the ACTE8 H/L eight channel dual band scanner in a black metal cabinet.

WHAMO-10: Regency's first synthesized scanner. Appearance more like a crystal scanner, with a single LED per channel. User has to break off teeth on a metal 'comb' for each channel according to a code book. External frequency control unit DFS-5K optional. UHF VCO reference oscillator drifts on some units. Soldered sheet metal shields around some circuitry make access to some components difficult for servicing. Comb sockets prone to bad connections after moderate use. Not recommended due to maintenance difficulties.

K500: Nice wood-like cabinet. 40 channel model with every feature Regency could dream of in one scanner, except aircraft band. Idle tone bypass feature for mobile phone stations works about 50% of the time. Weather alert feature. Service Search in several banks. Search and Store facility not implemented as well as BC250, but better than none. Built in clock when radio off or in manual mode. Can be programmed out of band. Reasonable performance, but sensitivity could be better. Spring contacts on membrane keyboard may need soldering after prolonged use.

K100: Bare bones version of the K500. 10 channels, no priority feature. Same wood-like cabinet and reasonable performance as K500. Spring contacts on membrane keyboard may need soldering after prolonged use.

M400: 30 channel replacement for K500. Service Search, but no aircraft. Easily programmable out of band. Built in clock when radio off or in manual mode. Backlit keyboard good for night viewing and mobile use but generates RFI into nearby SW receivers. A favorite.

MX3000: 30 channel replacement for M400, but basic features only. Nice lit keyboard, but may cause RFI into nearby SW receivers. Easily programmable out of band, but no aircraft. All 30 channels are in a single bank, and lack of

direct channel access make this model more difficult to operate. Good first scanner.

M100: 10 channel unit. Same as MX3000 except different color and fewer channels. Nicely lit keyboard, but may cause RFI into nearby SW receivers.

HX1000: Good, fairly rugged, 30 channel handheld synthesized unit. Generous out of band coverage but no AM aircraft coverage. Built by Azden. Very sensitive on UHF, but annoying audio hiss leaks through speaker when squelched. Belt clip chintzy, but can be directly replaced with better clip from Kenwood TR2600A. Like the MX3000, all 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Low discount price makes this best choice for programmable portable.

HX650/H604: 6 channel crystal portable. Likely made by Sanyo. Same as Fannon and Bearcat Thin Scan units, (except that Bearcat has 10.8 MHz IF frequency, and is harder to get crystals for), but scans faster. Small size and common crystals (available at Radio Shack), make this 1st choice for bare bones portable scanner.

Radio Shack

PRO2004: Top of the line, wide band scanner for 1987. After a diode is cut, enjoy continuous coverage from 25-520 and 760-1300 MHz, AM, NBFM, and WBFM. Has 300 channels in 10 banks of 30, backed up by conventional 9 volt alkaline battery. Any channel can be designated the priority channel. Scans and searches fast. Lots of well designed features, like 10 pairs of search limits, Lockout Review, default search increment and emission mode. Sound Squelch allows skipping dead carriers during search or scan. Metal cabinet, good internal construction and shielding, but no mobile mounting bracket or DC power cord. Soft touch membrane keyboard. Good sensitivity and selectivity. Very good radio.

PRO2005: Radio Shack's top of the line scanner for 1989 and scanner of choice. Essentially a size reduced PRO-2004 with surface mount components and 400 channels. Some people think the small knobs, smaller display, and plastic cabinet are a setback from the 2004. The smaller size, real rubber keyboard, and vertical front panel make it easer to use mobile, although there is no mobile mounting bracket available and the keyboard is not backlit. More sensitive than the PRO-2004 but 800 MHz signals leak through into the commercial aero band. Highly recommended.

PRO2006: Radio Shack's 1994 top of the line scanner. Essentially the same as PRO-2005 but scans faster. Probably the best scanner made to date. Highly recommended.

PRO34: Portable scanner with 200 channels and 800 MHz coverage. Ten "monitor" channels. Operates from AA cells. Slow scanning, low audio output, and chintzy plastic case detract from an otherwise good performance. No decent leather case available from Radio Shack. If you need a portable with 800 MHz, get a Bearcat 200XLT. If you can't get a 200XLT, get a PRO-34.

PRO2021: Base/mobile scanner. 200 channels in 10 banks, LCD display and raised rubber keys. Lots of memory but scans too slowly and lacks 800 MHz. Ten "monitor" channels. Radio Shack seemed to have an overstock of 2021s as they were on sale for such a long time. Close out price dipped to about $200, which made it a nice scanner for beginners.

PRO2001: Early, single bank 16 channel programmable. Reasonable coverage of the 3 traditional bands, minus aircraft band. LED digital display as well as an LED per channel. Mechanical lockout switch for each channel. Delay is either on or off for all channels at a time. High synthesizer noise level. Troublesome plated through holes on digital board in some units renders radio virtually unfixable. Could never get mine to work more than a few days in a row; always another bad connection. Some owners have no trouble.

PRO52: 8 channel VHF-Lo/Hi base unit. No UHF band or provision for mobile operation. Good little scanner despite limited frequency coverage and Spartan lack of frills. Crisp squelch action and good audio, helped by a front mounted, vertical speaker.

PRO2003: Radio Shack's 1986 top of line. 50 channels + 10 FM commercial broadcast band channels. Includes aircraft. Good frequency coverage and functionality, but at a high price. Poor human engineering: difficult to read keyboard makes the PRO2003 hard to operate unless in a well lit room. Keyboard label coloring improved on newer units. Rather slow scan rate and high price. Although there are provisions for 12VDC operation, the cabinet shape and lack of mounting bracket makes mobile operation impractical. Scan rate only 8 channels/sec vs. 15/sec in Regency and Bearcat. Causes RFI: Plastic case permits scanner to radiate signals into nearby receivers.

PRO30: 16 channel programmable portable with aircraft band. Good frequency coverage. Extra controls on top allow

control of SCAN, MANUAL, and PRIORITY functions while worn on belt. Good belt clip. Low audio output. Plastic case prone to break at BNC antenna connector under severe use, vs. metal frame in Regency HX1000. High price, no discounts or sales yet. I had 6 or 7 PRO30s, having to return them several times during the 1 year warranty, although other owners have had little or no trouble. Troubles included oscillation in IF stage, no UHF band reception, case broken around base of antenna connector, etc.

PRO24: Only 4 channels in this crystal controlled portable. Covers the three basic bands, but no aircraft. Easy to obtain batteries and crystals. Characteristic Radio Shack squelch problem, fixable by changing one resistor. All-plastic case larger than Bearcat Thin Scan and clones.

Craig (division of Pioneer)

4530: Japanese 10 channel crystal controlled 3 band unit. Also available under Plectron name but in different cabinet. No aircraft band. Deluxe features like priority, trimmer capacitors for netting each channel, front panel speaker, and rugged metal cabinet make this unit a winner. Channel lockout slide switches have finite life. Replacing burned out incandescent channel lamps not fun. Grab a 4530 if you find one in good condition.

Sonar:

Sonar made several crystal controlled scanners and channelized monitor receivers which shared the same RF circuitry. Each radio was housed in the same size metal case and worked on both 120 VAC and 12 VDC. The models differed in the number of channels, the band coverage, and whether individual channels could be locked out.

Although they used a 10.7 MHz first IF, Sonar radios require parallel resonant crystals different than the common series resonant crystals used in Regency and Radio Shack scanners. Sometimes, Radio Shack crystals will work in Sonar units, but more often they oscillate a few kHz off frequency and are unsuitable unless changes are made to the oscillator circuitry. Therefore, beginners should avoid these radios. Typical Sonar squelch has long time constant causing a long noise burst at the end of each transmission.

FR-104, FR-105: 6 channel monitor receivers covering 25 - 50 MHz or 150 - 175 MHz. Manual channel selection, i.e., no scanning. Early models are identified by an 11 pin connector on the rear and they could be used with an optional NiCd battery pack and charger which bolted to the

rear panel. Later models used Cinch Jones connectors with flat contacts. Optional tone decoder board.

FR-2512, FR-2513: 24 channel versions of the FR-104 and FR-105 monitor receivers. Manual channel selection, i.e., no scanning.

FR-2514, FR-2515: 8 channel scanners. Channel 1 priority. Recommend you avoid these models as there is no way to lockout a channel from the scan sequence.

FR-2526, FR-2526, FR-2528: 10 channel scanners covering various combinations of 3 bands. Each channel could be locked out. Channel 1 priority.

Sonar Model	#chan- nels	VHF low	VHF high	UHF scans?	lock- outs?
FR104	6	X			no
FR105	6	X			no
FR2512	24	X			no
FR2513	24	X			no
FR2514	8	X		yes	no
FR2515	8	X		yes	no
FR2526	10	X		yes	yes
FR2526	10	X	X	yes	yes
FR2528	10	X	X	yes	yes

Table 1. Summary of Sonar base/mobile monitor and scanner receivers

Tennelec

Manufactured the first synthesized scanners. Company went out of business several years ago. Schematics and parts difficult to obtain. Radios reputed to be poor performers. Got my MS-2 and MCP-1 basket cases for free and sometimes regret taking them. Not worth fixing unless you have access to DTL/RTL chips and circuit diagrams.

--

Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

738. Re: pro-46 and pro-23 banner forever!

Newsgroup: rec.radio.scanner
Date: 1994-08-17 13:59:51 UTC
From: domonkos@access.digex.net
Message-ID: <WxXKkiubGw-O066yn@access.digex.net>
Source record: 270301

In article <brett_miller.455.00121358@ccm.hf.intel.com>, Brett Miller - N7OL wrote:
> >
> >
> >Due to an engineering defect, we are required by Federal regulation to cease
> >selling or displaying the following two scanners:
> >
> > 20-305 PRO-46 HANDHELD SCANNER
> > 20-504 PRO-23 HANDHELD SCANNER
> >
>
> One thing that bothers me (besides the obvious), is that our normally
> sloth-like government, has acted very quickly on these relatively new
> scanners. There was obviously a threat to RS to make them pull these so
> quickly. My question is, how did the government find out so fast? Is it
> possible that they just read rec.radio.scanner now to see how effective their
> bills are????
>
>
> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
> Intel Corp.
> American Fork, UT

Radio Shack didn't try to 'slip' one in on anyone. The FCC either tests
comm. devices directly or uses authorized centers to perform these tests.
These units were obviously manufactured before the law and can legally be
sold. Unfortunately, RS runs like a scared cat even w/out just cause.
They can liquidate their immediate stock but RS may play it safe and
non-controversial (probably in fear of what the media, not the government
might do).

Andy

739. Re: VC-1147A on bc200xlt?

Newsgroup: rec.radio.scanner
Date: 1994-08-17 14:00:00 UTC
From: domonkos@access.digex.net
Message-ID: <5$XKkiubGUKR066yn@access.digex.net>
Source record: 270302

In article <rout0003.777085025@maroon>, Andrew V Routt wrote:
> I got a bc200xlt on June 1,1994 hoping to get one of the last units
> with the 800mhz mod. I was told that it was modable where I bought it,
> however, I waited so I didn't void the warranty right away. Well, today I
> popped open the case and to my surprise I found a VC-1147A (not the VC-1147)
> and no 10k resistor? I have already gotten allot of enjoyment without the
> missing frequencies so I am still going to keep it, but I was just wondering
> if anyone else ran across this in a bc200xlt? I know about the RS Pro's with
> the "A", but I haven't heard about any of the bc200xlt's. Just curious?
>
> -Andy R.

I have the Uniden 890XLT and had the 'A' chip in it. It was still modifiable.
The A may have nothing to do w/the mod.

I also picked up the PRO-51 and had an 'A' designator in the serial number
but still was modifiable (the keyboard trick).

Andy

740. Re: GRE Super Converter II

Newsgroup: rec.radio.scanner
Date: 1994-08-17 14:00:16 UTC
From: domonkos@access.digex.net
Message-ID: <t0YKkiubGcwH066yn@access.digex.net>
Source record: 270303

In article <rout0003.777087227@maroon>, Andrew V Routt wrote:
>
> I am also interested in one myself and was wondering if these are going
> to be outlawed anytime in the near future? I followed the related thread
> about kits/converters awhile back, however, it got too political and I
> didn't stay with it. Sorry for any repeat of information.
>
> Thanks!
> -Andy
>

Same as the scanner situation, when the dealer stock runs out. I suggest getting one soon. These use user-serviceable parts (UHF mixer transisitor) so the converter will outlive you and all your future scanners. I use one w/an old Uniden 100XL and it works great!

Andy

741. Re: PRO 51 Keyboard Mods...

Newsgroup: rec.radio.scanner
Date: 1994-08-17 14:00:29 UTC
From: domonkos@access.digex.net
Message-ID: <63YKkiubGQiT066yn@access.digex.net>
Source record: 270304

In article <ROSS-160894220007@lisaraip5.llnl.gov>, Gary Ross wrote:
> >
> > The keyboard mod works great w/the PRO51, but the 824-848 Mhz region is
> > still locked out. Any more keyboard fixes for this one? Or am I better off
> > w/the h/w mod? Thanks.
>
> You are better off with the keyboard mod because there is no hardware mod.
>
> Gary
>
>

Too bad, I live on a hill and the multiband scanner antenna works great
with signal directly from the mobile units themselves. Oh well. I thought
I saw a post that someone was doing the surgical mod? Perhaps I should
read the news before I finish off a few bottles of Molson's...

Andy

742. Scanner purchasing advice

Newsgroup: rec.radio.scanner
Date: 1994-08-17 16:29:01 UTC
From: dretzik@uoguelph.ca
Message-ID: <32tdsd$ndk@nermal.cs.uoguelph.ca>
Source record: 270305

Am I better off to buy an AOR 1500 with no gaps or purchase a Uniden (I forget model number) and have it modified to get full 800 Mhz? Also I realize that the RS 2006 is not portable and that is not critical, but do these work well once they have been modified for 800 Mhz? I am trying hard to make a purchasing decision? I have a pro-43 (unmodified) would I be better off to modify it? I'm really confused, please help! In the end I would like to have two scanners. Also let me know which new ones are modifiable.

743. Re: SPORTCAT 150

Newsgroup: rec.radio.scanner
Date: 1994-08-17 16:30:18 UTC
From: cfreeman@mill2.millcomm.com
Message-ID: <32tduq$q6o@mill2.millcomm.com>
Source record: 270306

Jennifer, after reading all the mail about the sportcat and it's
ability to receive cellular, I stopped by the local radio/hack
shop. They had the radio and stated that it would NOT receive
cellular and could not be modified. In dealing with this company
for over 10 years, they have never been wrong (yet!).

Jennifer Day-Elgee (elgeej@news.nbnet.nb.ca) wrote:
: I've seen recent posts about the Sportcat 150 stating that it receives
: cellular without modification. I'm wondering how this is
: possible....would someone please advise? Also, if you are an owner of
: the Sportcat, how do you like it? I am considering buying one. Here in
: Canada, for the time being at least (maybe not for long) it is not
: illegal to listen to cellular/mobile/cordless phonecalls....just to
: reveal what you heard!

: 73,

: Jennifer, VE9AO

: Please email to: elgeej@nbnet.nb.ca

--

: INTERNET: cfreeman@millcomm.com : TEL: 612.476.6671 :
: COMPUSERVE: 70365,105 : :
: HAM RADIO: n0vza@wb0gdb.#stp.mn.usa.noam : FAX: 612.476.2655 :

: chuck freeman * 1034 garland ln n * plymouth,mn * 55447-3536 * usa :
----

744. Blue Angel Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-08-17 16:38:44 UTC
From: rmueller@netcom.com
Message-ID: <rmuellerCuou8K.GHy@netcom.com>
Source record: 270308

The Blue Angels are in town here in San Diego and I'm wondering if anyone has the frequencies that I can listen in on. The one I'm most intersted in is the air to air channel so i can hear the commander calling out their cues. If anyone could help me out, I'd be most appreciative.

Thanks.

745. For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-17 17:02:24 UTC
From: ces@christa.unh.edu
Message-ID: <32tfr0$ivv@mozz.unh.edu>
Source record: 270307

Recently someone posted a message about a police officer who didn't like scanners and scanner owners, calling the "ambulance chasers" - well, here's some hard facts you can give them from my experience:

1.In all the police calls I have listened to, I have NEVER heard of a situation being botched because of a scanner listener.

2. I have at least THREE times assisted the police department with calls because I was listening to my scanner:

1.I heard a police call to my neighbor's house saying that he had come home and found a burgular (This was during a big spree) While the police were across the street questioning my neighbor I heard rustling behind my house and called the station - he was later apprehended after a chase.

2.I heard a police call in my car that there was someone driving a car who had threatened suicide. I was looking at the car when the call came in and stopped & got on the payphone to the police. I don't know the outcome because I left the receiving area.

3.Police call that there was a fight at the complex next to my house . I looked out the window & saw three youths jump the fenceinto my complexes back yard - the cops didn't have a clue where they were until I called.

In my opinion, the officer the person spoke to, and any other officer who hates scanners, is just a cop with an attitude. I work in a hospital ER, and believe me, there are alot of them, but this is certainly not true of most.

In the city I work in, I think most of the cops don't like scanner listeners because they don't want people to know how little they do. The city is seriously overstaffed and there is an extremely low rate of crime for the city's population. Some of the cooler cops have even expressed to me how sick they are of sitting on their ass all night. Most people think cops wind up in situations like those on TV all the time, well, in my city, that just ain't true - but the cops would love people to think that. The reality is that they spend most of their time kicking drunks out of Dunkin Donuts and sitting outside the only popular bar in town waiting to stop people as soon as they drive off.

Cops who hate scanner listeners will tell you how they foul up their job, and this is a crock of shit. They just don't want you to know what their job is REALLY like. Cops without attitudes will tell you they appreciate the help!

--

____
Chris E. Schoenfeld	University of New Hampshire
Communications / PoliSci Major	Look to the Cookie!
_____________________________	_____________________________________

746. Re: A scanner in every car!

Newsgroup: rec.radio.scanner
Date: 1994-08-17 17:42:02 UTC
From: wwhitby@aol.com
Message-ID: <32ti5a$eis@search01.news.aol.com>
Source record: 270309

Car radios do search a specific set of frequencies between preset limits, just like scanners that have a specific service search. With the current trend in Congress to enact vague laws, you can bet that car radios could be included, intentionally or unintentionally, in any scanner ban bill.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL
"I'm the NRA"

747. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-17 17:50:06 UTC
From: wwhitby@aol.com
Message-ID: <32tike$eld@search01.news.aol.com>
Source record: 270310

In my younger days when I cruised the city, my friends and I would listen to our scanners. We would keep an eye out for any vehicles or people that the cops were looking for, and when we saw them, we would inform the cops. They knew we had scanners and occasionally ask for our help. I also offered my fire extinguisher to an officer who had an electrical fire in his patrol car. The FD was on the way, but he was grateful and thanked me anyway.

BTW, the cops, firemen, and state troopers that I know have scanners so they can listen in when they are off duty. They also have scanning tranceivers in their cars with ALL local freqs in them. If any cop says he hates scanners or scanner owners, he/she is a hipocrite.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

748. Ontario residents help me

Newsgroup: rec.radio.scanner
Date: 1994-08-17 18:02:27 UTC
From: dretzik@uoguelph.ca
Message-ID: <32tjbj$q82@nermal.cs.uoguelph.ca>
Source record: 270311

When I listen to police I hear them talk about CNI and CPIC. (I think thats what they are saying) What do they mean by this?

749. Mods for the PRO-2003

Newsgroup: rec.radio.scanner
Date: 1994-08-17 18:38:42 UTC
From: fdugas@halcyon.com
Message-ID: <fdugas.3.0012A558@halcyon.com>
Source record: 270322

I am looking for the extended freqs mods for the pro-2003 table top scanner, does anyone know of any? hard or soft ..... please e-mail me if you know of any. tnx. fred (fdugas@halcyon.com)

750. Re: AOR Scanner Part

Newsgroup: rec.radio.scanner
Date: 1994-08-17 18:44:44 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.456.0012BF73@ccm.hf.intel.com>
Source record: 270324

In article <32qu4e$3ob@kodak.rdcs.Kodak.COM> piazza@mopar.irs (Joe Piazza) writes:

>Does anyone out there know where I can get a replacement rotary switch (encoder)
>for
>my AOR AR-2500 scanner? I called ACE Communications directly, but they REFUSED
>to sell
>me one (Just send the whole scanner in and we'll fix it for a flat $45+ service
>fee).
>I don't want to ship the scanner, and I can replace the switch myself.

>---
>Joseph Piazza, N2MSG !rochester!kodak!apache!piazza
>Eastman Kodak Co., Rochester, NY.

Try EDCO in Vienna VA. They are the AOR distributor now for the USA

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

751. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-17 21:23:40 UTC
From: ericr@vcd.hp.com
Message-ID: <Cup7FH.Lrz@vcd.hp.com>
Source record: 270313

By contrast, our local police and county sheriff personnel can be extremely busy. The other night, I was listening on the scanner and a call came in about an accident on the interstate. Initially, they were having some problem finding the location. I also had my HAM rig and was about to call in some more specific instructions when someone else beat me to it.

A working partnership can be made between scanner listeners and the police. It might help if the police communicate their expectactions(for instance, work through 911; don't go to the scene, etc.). This is no different than working another aspect of the neighborhood watch program. We need to be good citizens and not get in their way. Being overly helpful can be just as bad as being non-helpful(or worse).

--
Eric Ross, WB7SDE | Hewlett-Packard Company, VPR
ericr@vcd.hp.com | Vancouver, WA, USA

752. Re: Ontario residents help me

Newsgroup: rec.radio.scanner
Date: 1994-08-17 22:19:09 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cup9zx.4H@freenet.carleton.ca>
Source record: 270317

In a previous article, dretzik@uoguelph.ca (David Retzik) says:

>When I listen to police I hear them talk about CNI and CPIC. (I think
>thats what they are saying) What do they mean by this?
>
CNI= Criminal Names Index this lists names and aka's for subjects
AKA= Alias... Also Known As
CPIC= Canadian Police Information Computer, Canada's version of NCIC@ RCMP/HQ
NCIC= National Criminal Information Computer @ FBI/ HQ (I may be wrong with
its' exact name)

I have encountered both CNI and CPIC on the job when I worked in the Law
Enforcement field
--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

753. Pro-37. Want to sell, how much?

Newsgroup: rec.radio.scanner
Date: 1994-08-17 22:23:48 UTC
From: cbarrera@austin.ibm.com
Message-ID: <CupA7o.26t1@austin.ibm.com>
Source record: 270319

I have a Realistic Pro-37 that is just a few years old. It is quite a capable scanner, and even though it is no longer listed in the Radio Shack catalog, its closest (almost exact) equivalent, the Pro-39 was selling for $299 (typical over-inflated price). Anyhow, the case is still in great shape and there are no problems with it, so how much should I try to sell it for? I would like to invest the money into a decent Shortwave receiver.

Oh, for those not familiar with it, it has 200 channels in 10 banks plus 10 channel monitor, does 30-999mhz, except for cellular freqs, and a few other frequency bands (don't remember off the top of my head, there are more than a few gaps in its range, but does 31,000 total frequencies). Can specify limits for scanning frequencies etc...

(p.s. it hasn't been modified in any way, don't know if it can be done on this model, probably could but don't really care too much. Ready to sell it)

thanks for any info.

754. Re: VC-1147A on bc200xlt?

Newsgroup: rec.radio.scanner
Date: 1994-08-17 23:06:04 UTC
From: rout0003@maroon.tc.umn.edu
Message-ID: <rout0003.777164764@maroon>
Source record: 270312

>I have the Uniden 890XLT and had the 'A' chip in it. It was still modifiable.
>The A may have nothing to do w/the mod.

>I also picked up the PRO-51 and had an 'A' designator in the serial number
>but still was modifiable (the keyboard trick).

>Andy

I just found out that this is the case with mine. I haven't had much experience with surface mount stuff and what I didn't think was the 10k resistor was actually just that. It was labeled "103" instead of stripes. I assume that this means 10E3 which would be 10,000 (ie: 10k). In a hasty move to get what was the last of the converters, I already ordered the GRE Scanverter II before I figured it out. It meant some more money now, however, it will be nice to port the converter to any other scanner in the future.

Thanks!
-Andy

755. OPTOSCAN 456

Newsgroup: rec.radio.scanner
Date: 1994-08-18 00:17:09 UTC
From: schuh@zeno
Message-ID: <32u9a5$hvr@balsam.unca.edu>
Source record: 270320

Well, I just received my OPTOSCAN 456 today. :-(

No Installation instructions. :-(
No Installation video. :-(

What a bummer. Hopefully they'll get them to me quickly.
In the meantime, does anyone have the installation instructions
that they could email me?

TIA,
Paul

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

756. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-18 00:18:37 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Aug18.001837.23057@hpcvaac.cv.hp.com>
Source record: 270314
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
: to steal service from anyone". This bill was written because prosecutors in
: L.A. and other places where cell theft is rampant have *asked* for it as a tool
: to fight this particular problem.
:
: Yes, it has potential for abuse by prosecutors and police officers. So does
: nearly every other provision of the various city, state, and u.s. penal codes.
: So this alone is not sufficient reason to complain about this bill.

Bullshit. As others have stated, it is an excellent reason to reject the bill.
If they want to make it illegal to clone phones, then it would be simple to
write a two or three paragraph bill which directly addresses that point.

There is no need to produce such a broad sweeping bill as the one that has
been introduced.

... deleted ...

: computer, PROM burner, cellphone, etc. I fully expect that the response I'd
: get would be similar to: "but that's already stated in the text -- this bill
: only covers use of such equipment to modify cellphones and similar equipment
: with the intent of theft of service".

Exactly - even if that is NOT what it says.

For example: assume that a Ham uses an adjacent frequency, and has his
HT modified so that it receives the cellular frequencies. He also is an
experimenter, so he has a prom burner. Many Hams also have a PC, and use
various software to decode some of their transmissions. Now, all of
this could be interpreted by the police to show "intent" to obtain illegal
access. That equipment, and the way confiscations are going these days,
all other radio related equipment (and possibly even your house and car)
would be confiscated.

How do you get it back? You go into court and sue to prove that it was
not intended for illegal purposes. Note that you would probably not even
be charged with a crime - the confiscation is a civil confiscation, not
a criminal confiscation. Sound far fetched? Check out the drug seizures.
It is pretty hard to defend yourself, when everything you own has been
confiscated as "tainted", including your checking and savings accounts.
Even if you win, you can be out tens of thousands of dollars.

Bill

757. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-18 00:31:48 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Aug18.003148.23614@hpcvaac.cv.hp.com>
Source record: 270315
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

davidb@ce.washington.edu (David W. Barts) writes:
:
: Please take this thread to another newsgroup. If I had want to
: read the whinings of clueless reactionaries, I'd have subscribed
: to alt.fan.rush-limbaugh or some other such newsgroup instead
: of rec.radio.shortwave.

Be complacent. If events continue as the presently are, you will soon no longer be able to legally own your shortwave radio. After all, it can receive certain forbidden frequencies - and thus is an evil nasty object which you obviously intend to use to subvert the running of our country.

Bill

758. Opto Interceptor

Newsgroup: rec.radio.scanner
Date: 1994-08-18 00:32:05 UTC
From: malxndr@aol.com
Message-ID: <32ua65$lcs@search01.news.aol.com>
Source record: 270321

The Opto Interceptor, which is being heavily advertised, seems to be the ultimate scanner in that you will pick up any FM transmission within range (seems to be about 400 ft). Has anyone had any experience with this unit? It sells for $299 and purportedly covers 30 MHz to 2 GHz.

759. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-18 00:39:14 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Aug18.003914.23779@hpcvaac.cv.hp.com>
Source record: 270316
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

g9153402@huey.csun.edu (Berton Corson) writes:
:
: Sad, but may be true. I haven't heard local law-enforcement (L.A. area)
: ever cry about criminals and gangs having scanners to evade the law. They
: probably have ways of incrypting data if they're into something super-
: sensitive. And you don't see gangs roaming the streets while having to
: be occupied with the buttons on a scanner to see if the police are after
: them. That would just slow them down. If any sort of huge scanner ban
: is ever enacted, you would probably hear huge screams from the media
: (TV, radio, newspapers) who are big-time scanner users in finding and
: reporting news stories.

Nope. An exemption will be written for the news media - to keep them
quiet. The control freaks in congress are not stupid - they know how
to manipulate the media.

Bill

760. Re: OPTOSCAN 456

Newsgroup: rec.radio.scanner
Date: 1994-08-18 02:12:33 UTC
From: schuh@zeno
Message-ID: <32ug2h$l83@balsam.unca.edu>
Source record: 270323

Paul Schuh (schuh@zeno) once wrote:
: Well, I just received my OPTOSCAN 456 today. :-(
: No Installation instructions. :-(
: No Installation video. :-(

Okay. The physical installation was pretty easy! :-)
I used the OPTOELECTRONIC advertisement pictures as a guideline.

I just have a few questions:

1] Where do I put the 9v battery now?
2] I need to hook the cables up to the OPTOSCAN board. The
OPTOSCAN came with three connecting cables.
The PRO-2006 has three multi-color connecting cables.
What goes where?
3] There are two single wire connectors on the underside of the
OPTOSCAN board, one is labled AUDIO, the second is labeled ANALOG.
Where do these connect to?

TIA,
Paul

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

761. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-20 04:43:11 UTC
From: jmm5h@Virginia.EDU
Message-ID: <1994Aug20.044311.16627@Virginia.EDU>
Source record: 270200

ces@christa.unh.edu writes:
> Recently someone posted a message about a police officer who didn't like
> scanners and scanner owners, calling the "ambulance chasers" - well, here's
> some hard facts you can give them from my experience:
>
> 1.In all the police calls I have listened to, I have NEVER heard of a
> situation being botched because of a scanner listener.
>
> 2. I have at least THREE times assisted the police department with calls
> because I was listening to my scanner:
>
> 1.I heard a police call to my neighbor's house saying that he
> had come home and found a burgular (This was during a big spree)
> While the police were across the street questioning my neighbor
> I heard rustling behind my house and called the station - he was
> later apprehended after a chase.
>
> 2.I heard a police call in my car that there was someone driving
> a car who had threatened suicide. I was looking at the car when the
> call came in and stopped & got on the payphone to the police. I don't
> know the outcome because I left the receiving area.
>
> 3.Police call that there was a fight at the complex next to my house
> . I looked out the window & saw three youths jump the fenceinto
> my complexes back yard - the cops didn't have a clue where they were
> until I called.
>
> In my opinion, the officer the person spoke to, and any other officer
> who hates scanners, is just a cop with an attitude. I work in a hospital ER,
> and believe me, there are alot of them, but this is certainly not true of most.
>
> In the city I work in, I think most of the cops don't like scanner
> listeners because they don't want people to know how little they do. The city
> is seriously overstaffed and there is an extremely low rate of crime for the
> city's population. Some of the cooler cops have even expressed to me how
> sick they are of sitting on their ass all night. Most people think cops wind
> up in situations like those on TV all the time, well, in my city, that just
> ain't true - but the cops would love people to think that. The reality is
> that they spend most of their time kicking drunks out of Dunkin Donuts and
> sitting outside the only popular bar in town waiting to stop people as soon
> as they drive off.
>
> Cops who hate scanner listeners will tell you how they foul up
> their job, and this is a crock of shit. They just don't want you to know what

> their job is REALLY like. Cops without attitudes will tell you they appreciate
> the help!
>
> --
> ____
> |Chris E. Schoenfeld | University of New Hampshire |
> |Communications / PoliSci Major | Look to the Cookie! |
> |_____________________________|_____________________________________|

So, What do you want, a medal?

762. Pikes Peak Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-08-20 20:42:00 UTC
From: Stu.Morrison@commctr.com
Message-ID: <a26_9408202102@commctr.com>
Source record: 270175

Date: 08-19-94 (07:59)

WA>Having recently traveled to Colorado Springs and taking my family on the
>Cog Rail to the summit of Pikes Peak, I realized they have a radio system
>for both the rail and road system. (I noticed the control units at the gift
>shop at the summit....)

WA>Anyway, we plan on going back next year (I hope) and it would be neat
>to monitor the train freqs if possible....

From _Beyond Police Call_:

Manitu (sic) Park & Incline Railway Manitou Springs 469.8375 M

Dead dull listening, to me. Then again, I occasionally listen to
McD's order window so there's no accounting for taste <G>.

* SLMR 9.9z * {COMMO}{COMMO} down, doobie do download... {EXIT}{Stu}{}
--
|Fidonet: Stu Morrison 1:128/168
|Internet: Stu.Morrison@commctr.com

763. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-20 22:05:21 UTC
From: steven@sgb.oau.org
Message-ID: <CuutCz.HEC@sgb.oau.org>
Source record: 270182

Berton Corson (g9153402@huey.csun.edu) wrote:
: Steven Bradley (steven@sgb.oau.org) wrote:
: > I realize this is not the best place for a general comment on the new Radio
: > Shack catalog -- but since it does include scanners...
: <stuff deleted>

: Well, last Saturday I made a $200 purchase at Radio Shack. I noticed their
: new catalog on the counter, and asked if he could put one in the bag with
: my purchase. He said it would be $2.00, even though I'm making a purchase
: 100 times that amount! I didn't bother to buy the catalog...

What you should have done (as I *would* have) is run the item back through as a refund, bought the catalog and then bought the item again using the $2 coupon on the front of the catalog. It would have annoyed the heck out of them, but they could not refuse it.

As per others' comments. I have very strong principles -- I will go to great lengths to receive what is expected, time and money mean nothing when you're talking about *my* principles. But, if more were to do as I did, they would get a message - loud and clear!

What you may also not realize is that I am a good customer of this store (and two others in the area), but would not feel it right to have to wait until I *need* something to obtain a catalog! Other reasons for catalog are -- when they raise the prices, initially, the computer knows the new prices, and from scanning old to new catalogs, you can figure what's gone up. But, wait, if it is advertised in the store at a LOWER price, you can demand they honor that price -- otherwise you can file complaints with the BBB for fraudulent advertising. Normally, I am the last person to get it at the "advertised on the peg price" as they then decide to remove the price from the peg. They do it in the form of a price change, and I have done it many, many times. But, if you wait on the catalog, you will not know until after they have pulled the peg prices!

The other little detail missing is that these stores are within *walking* distance of each other. The reason being is one is targeted for nearby city *without* a Radio Shack in the city limits and the other for the adjacent city/county. So I did not waste much time or gas going back and forth. I took the express route home, grabbed my receipt from prior weekend, dashed over to first shack, they were out, went to second, bought items and obtained catalogs, stopped by other on way home, got money back with sunday receipt. Both are within a bicycle ride from where I live, the car simply made it in 4 minutes instead of 15.

Anyhow, who can put a value on principle? I know the amount of mileage $4 would have bought would be around 90, I went about 4-5 all totaled -- and then there is the cost of satisfaction, also has a high price too!

(When federal express last weekend failed to deliver a package marked saturday delivery - urgent, to *me*, because they "mis-sorted", I had to explain to them, since this package was using the most expensive domestic service you provide, how do you plan to deliver it now? They first said "monday". I said "not good enough". They ended up eating the shipping -and- sending it via commercial airline counter to counter service from phoenix. Then they fouled up again, and it sat until 1am SUNDAY morning. It was later delivered at 10:35am via special courier. I found out later the total charges they lost or spent exceeded $200. Hopefully they will learn to be more careful next time. I feel I some what subsidized the delivery though -- as I use them frequently and what I pay is NOT cheap! It is nice when I get a little back...)

Remember, federal express never loses anything, it is merely ... *mis-sorted*. If you asked them what is the difference between lost and they not knowing where it is, they say "we are looking for it". I guess the answer is time. I was satisfied when it finally came, I used them because UPS is not quite as reliable, and I knew I could count on them to bring it through. I won't forget the last comment I made -- "Do you think I will see it today (sunday)?". Answer, yes I think so!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
| Modem: 407/862-8088

764. Re: MICHIGAN SCANNER CLUBS?

Newsgroup: rec.radio.scanner
Date: 1994-08-21 00:31:38 UTC
From: pouliny@JSP.UMontreal.CA
Message-ID: <Cuv04q.8C0@cc.umontreal.ca>
Source record: 270193

N C Schultheiss (ncschult@vela.acs.oakland.edu) wrote:
: LOOKING FOR SCANNER CLUBS IN MICHIGAN(S.E. BUT NOT IMPORTANT).ALSO
: LOOKING FOR OTHER USERS IN MICHIGAN TO TRADE FREQUENCIES WITH.
: THANKS NCS.

Maybe you have a CAPS LOCK PROBLEM???

--

==
| |
| E-mail: pouliny@jsp.umontreal.ca |
| Nickname: Rebel, Loup-Garou |
| Tel: (514) 632-1830 |
| Pag: (514) 888-5038 |
| |
| Behind every great man... there's his shadow! |
| -Reb |
==

765. Re: LA - San Diago CHP Freqs?? HELP?

Newsgroup: rec.radio.scanner
Date: 1994-08-21 02:47:54 UTC
From: rich@hertz.std.teradyne.com
Message-ID: <336f8q$5iu@hertz.std.teradyne.com>
Source record: 270180

In article <jdiemCusuq7.Ar3@netcom.com>, Jack Diem <jdiem@netcom.com> wrote:
>Is there anyone who could provide me with the radio freqs. that
>the CHP use to patrol the FWY between LA and San Diago? TIA.
>--

Jack,

Here are some frequencies from the Southern CA Police Call:

Location	Base	Mobile
West LA	42.44	42.76
South LA	42.56	42.72
San Diego	42.88	42.66
Oceanside	42.12	42.20

Since this isn't a repeatered system, don't use "delay" if you want to hear
both sides of the conversation.

In addition, the vehicular extenders are on 154.905.

Marc Rich
email: rich.marc@std.teradyne.com

Location: Chatsworth, CA (in the shadow of KVOH antenna near Los Angeles)
Scanner: PRO-43

Disclaimer: These are my opinions, not Teradyne's.
---

766. Re: pro-51

Newsgroup: rec.radio.scanner
Date: 1994-08-21 03:35:59 UTC
From: gdallal@world.std.com
Message-ID: <Cuv8o0.B78@world.std.com>
Source record: 270176

Rolan (rxy5310@hertz.njit.edu) wrote a summary of his impressions of the PRO-51:

That's about right.

767. RADSHACK PRO-2006 SALE $359.98 - Grab one now!

Newsgroup: rec.radio.scanner
Date: 1994-08-21 03:54:10 UTC
From: mc@shore.shore.net
Message-ID: <336j52$5qt@shore.shore.net>
Source record: 270177
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I was up in New Hampshire today and just happened to wander into a RADSHACK store and learned that the PRO-2006 scanner has been priced down to $359.98. So, now I own one.

I have owned a PRO-2004 and performed the mods that I thought it needed. Now I have to decide which one I will keep. I'd be curious to read any comments and observations from any readers who have owned both radios and which one they preferred and why.

For those of you who don't own a PRO-2006, now is the time to get one brand new in the box if you are ever going to! Remember you can return it within 30 days if its in saleable condition in the original box, so you can really make the decision over a few weeks of playing with it in the privacy and comfort of your own home. I do NOT work for Rat Shack - in fact this is the first thing, other from small parts once in a while, I have ever purchased from them! But the PRO-2004,5,6 are excellent radios and so I feel that my aversion to their stores be overridden by a desire to share this news and information with other enthusiasts.

73,

H. Michael Crestohl, KH6KD/W1
Nahant Massachusetts

mc@shore.net

768. mods for pro-2032

Newsgroup: rec.radio.scanner
Date: 1994-08-21 05:33:27 UTC
From: riick@ix.netcom.com
Message-ID: <336ov7$1fj@ixnews1.ix.netcom.com>
Source record: 270178

I am looking for ANY mods for the pro-2032, I have checked a couple
FTP site but no one has any

769. INDY CAR FREQ.LIST

Newsgroup: rec.radio.scanner
Date: 1994-08-21 06:10:17 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.777449417@vela.acs.oakland.edu>
Source record: 270181
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.autos.sport

I'VE SEEN A LOT OF PEOPLE ASKING FOR THESE FREQUENCIES SO HERE THEY ARE,THESE ARE FROM M.I.S.WHEN YOU GET TRACK SIDE GOTO THE TRINKET AND TRASH TRAILERS AND RACING ELECTRONICS(800-272-7111)SELLS UPDATED LIST FOR FIVE BUCKS(OR YOU CAN SUBSCRIBE).

P.S.PENSKE ONLY SCRAMBLES DURING PRACTICE NOT THE RACE

MANSELL 461.287 468.225 462.137(I DON'T KNOW,COULD BE A BABY MONITOR)
FITTIPALDI 852.187 856.787 858.837 859.837 851.787
TRACY 855.787
RAHAL 463.887 464.412
BOESEL 462.087 464.912
MARIO A. 461.712 462.650 468.362
FERNANDEZ 461.512
MICHAEL A. 467.037 GORDON 461.062
GROFF 462.812 FABI 464.937
VILLENEUVE 466.537 468.387 JONES 461.837 463.987
JOHANSSON 853.487 855.512 855.587 DOBSON 463.462
VASSER 467.087 468.412 469.812
UNSER 460.687 461.737
(KING)MATSUSHITA 464.912 467.562 467.550
LAZIER 466.587 469.212
RIBBS 463.912 466.587 GRECO 467.750 467.837
LUYENDYK 465.237 461.237 462.150 LITTLE AL 855.787
BACHLER 460.087 BENTLY 461.737
GOODYEAR 463.737 GUERRERO 463.737 468.737
KUNDAVE 460.587 PRUETT 461.212
BETTENHAUSEN 468.762 PAUL JR.462.450
SHARP 466.762 469.687 461.762

INDY CAR 462.037 464.750 464.500 462.812
SAFETY 461.787
RACE CONTROL 457.012
CART NETWORK 455.800 462.000

BE SHURE YOU HAVE A GOOD HEADSET AND ENJOY,NCS

770. Re: ICOM R1 Wanted

Newsgroup: rec.radio.scanner
Date: 1994-08-21 07:16:38 UTC
From: Greg <gregmason@delphi.com>
Message-ID: <Rs0xNC+.gregmason@delphi.com>
Source record: 270179

I hear that these things have very poor performance...
you guys sure?

771. Re: pro-51

Newsgroup: rec.radio.scanner
Date: 1994-08-21 09:37:31 UTC
From: stiemark@astro.ocis.temple.edu
Message-ID: <33778r$p23@cronkite.ocis.temple.edu>
Source record: 270183

Rolan (rxy5310@hertz.njit.edu) wrote:
: I could directly enter a frequency and monitor it WITHOUT
: having to program it into a channel.

Try 'manual' 'xxx.xxx' '^' (up arrow)

772. Re: Radio Shack - New Cat

Newsgroup: rec.radio.scanner
Date: 1994-08-21 11:55:41 UTC
From: axanar@news.gate.net
Message-ID: <337fbt$2nsr@inca.gate.net>
Source record: 270184

Dh> But Steven, you DID pay for those catalogs--you just didn't pay Radio
Dh> Shack. You paid the gas station. And you further paid by wasting a
Dh> chunk of your most valuable assett--your TIME--by running from store
Dh> to store to avoid the refundable fee for the catalog. A perfect
Dh> example of being penny wise and pound foolish.
Steven is right, I went into a RS just the other week and asked for a new
catalog, looked at the price of it, and promptly told the ordertaker
that I wasen't going to pay $2 just to see what else I could buy from
them. The way I see it, that's just like asking for admission to
go into their store and buy stuff.
So I got the catalog anyway because I convinced the manager to see
the error of his ways, and not to loose a good customer over $2.
IMHO ;)

Later.... Greg

... "42? 7 and a half million years and all you can come up with is 42?!"
___ Blue Wave/QWK v2.12

773. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-21 13:52:46 UTC
From: grady@netcom.com
Message-ID: <gradyCuw181.Kou@netcom.com>
Source record: 270185
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

Phillip Finch (pffinch@cerfnet.com) wrote:
: In article <1994Aug18.001837.23057@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:

: no problem with any of this; it's an admiring article) assures us that there's
: absolutely no problem with officers deciding to appropriate any of this cash
: for their own personal uses.

I read that article and this assertion is unfounded. The article was a balanced description of what the state of the world is now, not what it should be.

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

774. Re: RADIO SHACK SCANNER BAN

Newsgroup: rec.radio.scanner
Date: 1994-08-21 14:22:20 UTC
From: David Harpe <david_harpe@mm.cobb.ziff.com>
Message-ID: <Cuw2L9.IzG@zcias2.ziff.com>
Source record: 270208

In article <3337pc$5i6@nic-nac.CSU.net> Berton Corson,
g9153402@huey.csun.edu writes:
>I think one can open up, and do anything they want, with a piece of
>electronic equipment they own, as long as one isn't going to use it
>for illegal activities, or it is then somehow a safety hazard (it
>won't explode as soon as you plug it in).

Time to tune into the reality channel....

What you say above is absolutely true: You can monkey with your own gear, if you can get it. Using it is another story. Now, here's our lovely government at work....

The ECPA makes using the gear illegal. This is impossible to enforce widespread, and the legal folks know it. So they took the next logical step: Cut it off at the source. They made it illegal to MANUFACTURE equipment which is capable of receiving the forbidden bands. So most manufacturers modified their scanners so that reception could be enabled or disabled by adding or cutting a simple jumper. It was cheap, and it followed the letter of the law. (I'm one of those who thinks that the manufacturers used this method because it was the most cost effective solution to an engineering problem...NOT to protect scanner enthusiasts).

But the legal guys didn't like what was happening. They saw just as many scanners being used, and an entirely new market being created for modifications. Not only that, scanner usage might actually have INCREASED. Some people probably got a kick out of it more since they had to pop the thing open and cut a "secret wire" (sort of like the bozos who used CB radios with Linears).

So, the legal folks made it illegal to manufacture equipment which is "EASILY MODIFIABLE" to receive the forbidden frequencies. So now the manufacturers have to design their units so that they are practically destroyed if you try to modify them. They do this by sealing key chips in epoxy, blasting new ROMs, etc.

It's happening all the time in our current government. It's just like the clipper chip stuff. "Oh, we won't make it ILLEGAL to use someone else's equipment. But if you deal with the government, or want to export your gear, you HAVE to use it". This sort of back-door tactic works sometimes. Mainly because the political hacks can get on TV and, with this "How-can-you-think-we'd-do-such-a-thing" expression on their face, say in a pleading tone: "But Peter! We're NOT making it illegal! They're just blowing this whole issue out of proportion...." And, technically, they're right. It puts the other folks on the defensive, and makes them look like extremist morons.

David Harpe
Computer & Communications Specialist
The Cobb Group
(The views expressed within are mine, not my employer's. They're cool,
but they're not stupid...)

775. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-21 14:52:29 UTC
From: steven@sgb.oau.org
Message-ID: <Cuw3zK.4pA@sgb.oau.org>
Source record: 270186

Mike Harris (michaeha@soul.tv.tek.com) wrote:

: >I do have sympathy for them in this regard--in their mall stores
: >especially, when the catalogs were free for the asking, the bulk of their
: >catalogs were given to teen mall rats who threw them away that same day.
: >It does cost a fortune to print up a big full-color catalog, and if I
: >were in that business I'd do whatever it took to keep my catalogs out of
: >the hands of non-potential-customers. But I'd probably give them free
: >with a purchase rather than charge a refundable fee. ---Dan
: >--

: Do they let you use the coupon immediately? If that's the case then it's
: exactly the same as giving it free with purchase (as long as your spending
: more than 2 bucks)

No, well, yes, well...

They say its $2 off your next purchase. If they won't do it on the
spot (ask before the sale is made), purchase the catalog alone for
$2, then use the coupon and make the next purchase. This will!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
| Modem: 407/862-8088

776. Re: AOR scanners - What is wrone with them?

Newsgroup: rec.radio.scanner
Date: 1994-08-21 15:57:02 UTC
From: walters925@aol.com
Message-ID: <337tge$kau@search01.news.aol.com>
Source record: 270187

In article <11@sapphire.win-uk.net>, scollin@sapphire.win-uk.net (Simon Collings) writes:

i have a ar2500 which dose fine at 800megs and fair from 88 to 174 meg however from 1-30 it sucks an from 200-400 ive never loged one thing also a freind of mine has the same radio and fells the same way the radio has no sensitivity ... ive also got a bc200xlt and a icom r71a which the aor can not hold a candle to ive also sent my aor back to the factory

because of this they religned it and checked the sentivity on it but the bottom line they said was this is what you get

777. 800 Mhz trunking offset

Newsgroup: rec.radio.scanner
Date: 1994-08-21 16:01:00 UTC
From: sysop@pfzrfsg.com
Message-ID: <29e.1629.21@pfzrfsg.com>
Source record: 270194

```
* In a message originally to ALL, Joshua Daniels said:
JD> Can someone tell me what the standard offset is for 800Mhz
JD> trunking systems?

The base/mobile offset it is 45MHz (the base stations are the *higher* of the
two frequencies).

---------------------------------------------------------------------------
Internet E-Mail: sysop@pfzrfsg.com (System Supervisor)
---------------------------------------------------------------------------
```

778. Re: INDY CAR FREQ.LIST

Newsgroup: rec.radio.scanner
Date: 1994-08-21 16:03:40 UTC
From: jimz@infinet.com
Message-ID: <337tss$3e9@rigel.infinet.com>
Source record: 270188
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.autos.sport

N C Schultheiss (ncschult@vela.acs.oakland.edu) wrote:
: I'VE SEEN A LOT OF PEOPLE ASKING FOR THESE FREQUENCIES SO HERE THEY
: ARE,THESE ARE FROM M.I.S.WHEN YOU GET TRACK SIDE GOTO THE TRINKET AND
: TRASH TRAILERS AND RACING ELECTRONICS(800-272-7111)SELLS UPDATED LIST
: FOR FIVE BUCKS(OR YOU CAN SUBSCRIBE).

Umm, a couple of points here. First, Racing Electronics sells the frequency lists for $15, not $5. You can subscribe for about $20 as I remember. I did, however, buy a racing headset from them that works very well. It sure beats the in-the-ear earphones covered with hearing protectors that I had been using!

Second, for the last year I've been compiling frequency lists of the IndyCars. On Thursday of the Mid-Ohio weekend I programmed all of the frequencies into my scanner, and on Friday I put a delay on each of the active freqs to mark which ones were being used. I was surprised to find that by Sunday many of the frequencies had changed. I'll try to post my big list in the next couple of days if I get a chance.

: P.S.PENSKE ONLY SCRAMBLES DURING PRACTICE NOT THE RACE

Right, I wonder if ABC paid off Roger to unscramble on Sundays? The in the pits commentary wouldn't be nearly the same without starting every sentence with "Roger just radioed to {Little Al, Paul, Emo} to..."

: MANSELL 461.287 468.225 462.137(I DON'T KNOW,COULD BE A BABY MONITOR)

Nah, as funny as this is, I have to disagree. The baby monitor crack should be appended to Paul Tracy's frequency. If I had a dollar for every time I heard him say f**king bullsh*t during the race, I could retire at 22.

: (KING)MATSUSHITA 464.912 467.562 467.550

How can you call him King? Gee, he's so competitive this year! :-}

: INDY CAR 462.037 464.750 464.500 462.812
: SAFETY 461.787
: RACE CONTROL 457.012
: CART NETWORK 455.800 462.000

For anyone who has never listened to these freqs, they provide the most bang for the buck. As an example, Paul Tracy slid past another car during a local yellow at Mid-Ohio last weekend. As most of the crowd was cheering, I was thinking, "Hey wait a sec. That'll be a black flag." Sure enough, when I turned on the IndyCar control freqs, I heard a

report of "Number 3 passing under yellow." After some discussion he was black flagged about 10 laps later. The crowd was shocked (especially two drunk Canadians sitting two rows in front of me) and couldn't figure out what was going on. I had a rapt audience of about 5 rows as I explained the situation.

: BE SHURE YOU HAVE A GOOD HEADSET AND ENJOY,NCS

I second that one!

--

/+-\
jimz@infinet.com	What's better than roses on your piano?
Call me Wookie;	Finger me for the answer.
everyone else	
does.	Disc: Don't even bother listening to me.
\-+/

779. Aussie freqs wanted.

Newsgroup: rec.radio.scanner
Date: 1994-08-21 16:42:47 UTC
From: pgunn@alkali.otago.ac.nz
Message-ID: <pgunn.227.777487367@alkali.otago.ac.nz>
Source record: 270189

Hello all. I'm musing over taking a holdiay to Australia, so I'm looking for some frequencies to put into my trusty black box.

I'm planning to visit Tassie, Adeliade, Melbourne, Canberra and Sydney. I'm after frequencies for the above, and ones used on the roads in between the last 4 places.

Police, Fire and Ambulance is all I'm after. Frequencies for any of the above appreciated.

Thanks in advance.

Happy Scanning.

==========
PGUNN@alkali.otago.ac.nz
MSc (Chem) Student, University of Otago
Southernmost University in the World!
==========

780. Re: LA - San Diago CHP Freqs?? HELP?

Newsgroup: rec.radio.scanner
Date: 1994-08-21 17:09:17 UTC
From: milcom@netcom.com
Message-ID: <milcomCuwABH.Msp@netcom.com>
Source record: 270191

Jack Diem (jdiem@netcom.com) wrote:
: Is there anyone who could provide me with the radio freqs. that
: the CHP use to patrol the FWY between LA and San Diago? TIA.

There is Gold 42.2Mhz for mobile, 42.12Mhz for the base for san diego county.
The orange channel 42.88Mhz base and 42.66Mhz for the mobile is probably
used towards the city of san diego.
Further north there is the gray channel for capistrano, south orange
county. 42.48Mhz for the base and 42.68Mhz for the mobiles.
Further north yet is the santa ana office on 42.4Mhz for the base and
42.16Mhz for the mobile.
In LA county there is nine channels used. Be careful about frequency
re-use. both san diego channels are reused in LA county. Its a fine
example of the usefulness of a PL decoder.
Scannists with good low-band antennas in the mid-west & east coast can
surely pick these up when conditions are in. the Los angeles area uses
the CTCSS frequency of 192.8hz.

--
POP: Persistant Online Procrastination milcom@netcom.com

781. Re: 800 Mhz trunking offset

Newsgroup: rec.radio.scanner
Date: 1994-08-21 17:12:05 UTC
From: milcom@netcom.com
Message-ID: <milcomCuwAG5.8s@netcom.com>
Source record: 270192

Joshua Daniels (jbdaniel@facstaff.wisc.edu) wrote:
: Hi-

: Can someone tell me what the standard offset is for 800Mhz trunking systems?

45Mhz

like: 815Mhz for the mobile and 860Mhz for the repeater

cellular is the same

--
POP: Persistant Online Procrastination milcom@netcom.com

782. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-21 17:17:08 UTC
From: glr@ripco.com
Message-ID: <CuwAoL.957@rci.ripco.com>
Source record: 270190
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

Matthew Rapaport (mjr@crl.com) wrote:
: In article <pwh.777350612@bradley> pwh@bradley.bradley.edu (Pete Hartman) writes:
: >mjr@crl.com (Matthew Rapaport) writes:
: >>Making such a call (ostensibly in the interest of NEWS and
: >>INFORMING the public) was a stupid and irresponsible thing to do.
: >
: >
: >Lord knows the privacy of people in GOVERNMENT doesn't matter?

: Well I didn't mean to get embroiled in this discussion outside of
: an innocent radio hobby. But since I don't know what group this reply came
: from I'll just have to make the point....

: Radio monitors of the hobbiest sort are helping to keep you *free* in a
: representative government sort of society. Not only are government employees,
: employees whose dole I help to fund I might add, utilizing expensive resources
: for non-official business, occasionally they may even use them for purposes
: clearly NOT in the interests or condusive to the wealfare, of the vast
: majority of people in the United States.

When did your listening to the government on a police scanner make a
difference? I mean make a difference about how the government at any
level was run. Did you save the public from being ripped off? Did you
save one citizen's rights from being violated?
--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
No record. No Trace calling: 1-900-STOPPER (786-7737). $1.95/min
---

783. Re: LA - San Diago CHP Freqs?? HELP?

Newsgroup: rec.radio.scanner
Date: 1994-08-21 18:24:54 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Aug21.102454.4455@cmkrnl>
Source record: 270195

In article <336f8q$5iu@hertz.std.teradyne.com>, rich@hertz.std.teradyne.com (Marc Rich) writes:
> In article <jdiemCusuq7.Ar3@netcom.com>, Jack Diem <jdiem@netcom.com> wrote:
>>Is there anyone who could provide me with the radio freqs. that
>>the CHP use to patrol the FWY between LA and San Diago? TIA.
>>--
>
> Jack,
>
> Here are some frequencies from the Southern CA Police Call:
>
> Location Base Mobile
> ----------- ----- -----
> West LA 42.44 42.76
> South LA 42.56 42.72
> San Diego 42.88 42.66
> Oceanside 42.12 42.20
> In addition, the vehicular extenders are on 154.905.

Note that monitoring these is not likely to help anyone avoid getting caught speeding. I've yet to hear a CHP officer announce "I'm back on patrol, north on I-5 from the Hill Street interchange," nor "possible speeder in number one lane", etc. The vast bulk of CHP's radio traffic (what there is of it) is generally limited to driver's license, plate number, and VIN checks... all of which happen after they've stopped someone. And even then, they rarely announce where they are.

(I wonder about this. Suppose someone surprises an officer during a traffic stop? Do they have an emergency call button on their belt, or something? And even if they do, how does the base know where to send help?)

Hearing the officer's side of this traffic on a mobile channel, or both sides on the vehicular extender channel, does tell you that there's a unit *already stopped* near you; this doesn't mean that there aren't others still on patrol nearby.

Very infrequently, you will hear a pursuit.

I used to think that monitoring CHP freqs could help avoid accident scenes in the LA area, but you have to be very lucky to hear them as they aren't often repeated. The large number of freqs used by CHP in the area is part of the problem (you can't just monitor the freqs for the area you're in, since you also want information on the area you're going to and the areas you'll be passing through on the way to get there). Monitoring KNX (1070 AM, traffic reports every six minutes) seems to me to be more effective.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

784. Re: Leather..

Newsgroup: rec.radio.scanner
Date: 1994-08-21 19:16:04 UTC
From: g9153402@huey.csun.edu
Message-ID: <33895k$kgv@nic-nac.CSU.net>
Source record: 270196

Jim Boyle (ad065@FreeNet.Carleton.CA) wrote:

> Anyone know of a company that makes thin leather cases for pro-43's?..thanx..

Radio Shack has a carrying case with a belt loop. Can be used for
scanners, walkie-talkies, cordless phones, or carrying your pet
lizards in. It sells for $9.99. Ask them to order part #20-024
if they don't have it in stock.

785. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-21 19:24:38 UTC
From: g9153402@huey.csun.edu
Message-ID: <3389lm$kgv@nic-nac.CSU.net>
Source record: 270197

Steven Bradley (steven@sgb.oau.org) wrote:
> Mike Harris (michaeha@soul.tv.tek.com) wrote:

> They say its $2 off your next purchase. If they won't do it on the
> spot (ask before the sale is made), purchase the catalog alone for
> $2, then use the coupon and make the next purchase. This will!

With me, I think it would have been just plain-good customer courtesy to give me the catalog on the spot. I made a $200 purchase, and if I wanted it for free, I would have had to get in line to buy the catalog, buy it, walk out of the store, walk back into the store, get in line again, and use the $2 coupon for my $200 purchase. A total waste of time, and also giving their customers the run-around here. It wasn't as if I was just making a purchase of a couple of batteries to use my coupon, but for a major purchase....

786. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-21 19:29:36 UTC
From: clifto@indep1.chi.il.us
Message-ID: <CuwGtC.K9B@indep1.chi.il.us>
Source record: 270198
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

In article <CuwAoL.957@rci.ripco.com> glr@ripco.com (Glen Roberts) writes:
>When did your listening to the government on a police scanner make a
>difference? I mean make a difference about how the government at any
>level was run. Did you save the public from being ripped off? Did you
>save one citizen's rights from being violated?

I think their knowing that we CAN listen in makes a difference. A good practical illustration of this can be had by anyone within receiving range of Oak Park/Forest Park/River Forest. They have two frequencies, one with a repeater on 154.845 MHz and one a simplex frequency on 155.115. If there's ANY silliness, off-the-cuff commentary or anything that sounds the least bit "unprofessional" (or could be taken that way), it never appears on the main frequency. Even then, it's rare.

I know (as most any scanner owner does) of quite a few secondary simplex frequencies like this, and they're about the only place one can hear things like "Congrats on the new baby!" or "She's LOOKING at you, Ted,"which "don't belong" on official frequencies. One can be sure we'll never hear "Shake him for some money; the ticket will never stick." (Not that that is never ever said; just that it won't be facilitated by radio, which would keep the incidence down in any event.)

--
Optimists say, "The glass is half full."
Cliff Sharp Pessimists say, "It's half empty."
WA9PDM We realists say, "Before I decide,
clifto@indep1.chi.il.us tell me what's in the glass."

787. INDY CAR FREQ.

Newsgroup: rec.radio.scanner
Date: 1994-08-21 20:03:50 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.777499430@vela.acs.oakland.edu>
Source record: 270199
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.autos.sport

I OFFER THESE AS A STARTING POINT,THATS WHY I SUGGEST BUYING AN UPDATED LIST AT THE TRACK.AS FOR THE PRICE I PAYED FIVE DOLLARS,I DON'T KNOW IF THERE ARE ANY OTHER COMPANIES TRACK SIDE SELLING LISTS FOR MORE OR IF THEY CHANGE THE PRICES(THE ONE I HAVE IS PRINTED $5.00).

NCS

788. Re: rec.radio.cellular?

Newsgroup: rec.radio.scanner
Date: 1994-08-21 20:11:21 UTC
From: jablow@jablow.overleaf.com
Message-ID: <777499881.27snx@jablow.overleaf.com>
Source record: 270049

>
>Try the newsgroup
>
>ALT.CELLULAR-PHONE-TECH
>
I have never seen a post in this group for the past few months. I am supposed
to get it and it's connected at my server but nothing. Does anyone get posts
to alt.cellular-phone-tech?
--

--
Marty Jablow D.M.D., WB2WIO
jablow@jablow.overleaf.com

789. Why is there alt.radio.scanner AND rec.radio.scanner?

Newsgroup: rec.radio.scanner
Date: 1994-08-21 23:21:20 UTC
From: keithr@primenet.com
Message-ID: <keithr.37.005C4ED6@primenet.com>
Source record: 270201

Why is there alt.radio.scanner AND rec.radio.scanner? And why are there many cross posted news articles?

It would be easier if only one existed. Can anyone explain any differences? Thanks...

790. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-21 23:52:04 UTC
From: steven@sgb.oau.org
Message-ID: <Cuwsyv.B2p@sgb.oau.org>
Source record: 270205

Berton Corson (g9153402@huey.csun.edu) wrote:
: Steven Bradley (steven@sgb.oau.org) wrote:
: > Mike Harris (michaeha@soul.tv.tek.com) wrote:

: > They say its $2 off your next purchase. If they won't do it on the
: > spot (ask before the sale is made), purchase the catalog alone for
: > $2, then use the coupon and make the next purchase. This will!

: With me, I think it would have been just plain-good customer courtesy
: to give me the catalog on the spot. I made a $200 purchase, and if I
: wanted it for free, I would have had to get in line to buy the catalog,
: buy it, walk out of the store, walk back into the store, get in line
: again, and use the $2 coupon for my $200 purchase. A total waste of
: time, and also giving their customers the run-around here. It wasn't
: as if I was just making a purchase of a couple of batteries to use
: my coupon, but for a major purchase....

You made one mistake... We are talking about low-life droids who
work for the Rat Shack. They are not paid to make good decisions,
and if they knew how to make good decisions, they would -not- be
working at Radio Shack. If they knew enough to give you the catalog
on the spot, they would have been overqualified for the position!

The guy MAY have learned something if you were to have turned around
and said "catalog or write me a refund!" BTW what was it you bought
for $200... you should have given the guy the privilege of filling a
return for his own stupidity and losing is commission on it at the
same time. In my area I am blessed with around 8+ Radio Shacks, it's
not hard to get what I want -- basically someone has to think, since
they do not, I do it for them.

Oh well... Don't get me wrong, the droids at my local Rat Shack
are friendly droids :-) but they are nevertheless, droids.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
| Modem: 407/862-8088

791. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-21 23:52:27 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Aug21.155227.4456@cmkrnl>
Source record: 270209

In article <Cuw3zK.4pA@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley) writes:
> Mike Harris (michaeha@soul.tv.tek.com) wrote:
> : Do they let you use the coupon immediately? If that's the case then it's
> : exactly the same as giving it free with purchase (as long as your spending
> : more than 2 bucks)
>
> No, well, yes, well...
>
> They say its $2 off your next purchase. If they won't do it on the
> spot (ask before the sale is made), purchase the catalog alone for
> $2, then use the coupon and make the next purchase. This will!

If that won't work, tell them that in that case you'll use the $2 coupon for your next RS purchase... and that that and ALL subsequent RS purchases will be at another store.

THAT will work.

WHile you're at it, tell them that you understand that they can't afford to give catalogs away to every mall rat that asks, but you're tired of this crap with bona-fide purchasers.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

792. WANTED: hand-held scanner, not crippled

Newsgroup: rec.radio.scanner
Date: 1994-08-22 01:15:09 UTC
From: eab@msc.edu
Message-ID: <338u6t$2cf@uc.msc.edu>
Source record: 270202

please send me a description of what you have for sale, when bought and
for how much, make, model #, and make sure it is one that isn't
crippled (i.e. it has all of the usual chanels, nothing blocked out,
especially the fact that it should be cellular-ready)

I'd like to stick pretty close to $100.

Thanks.
--
Edward A. Bertsch (eab@msc.edu) Minnesota Supercomputer Center, Inc.
Operations/User Services 1200 Washington Ave.So./Mpls MN 55415
+1 (612) 645-0168 voice mail [DISCLAIMER: MY OPINIONS; NOT MSCI'S]
NRA Life,GOA,CCRKBA,MN GOAL "An armed society is a polite society"-Heinlein

793. Re: Pikes Peak Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-08-22 01:41:03 UTC
From: bobw@col.hp.com
Message-ID: <338vnf$fuo@hp-col.col.hp.com>
Source record: 270203

Stu Morrison (Stu.Morrison@commctr.com) wrote:

: From _Beyond Police Call_:
: Manitu (sic) Park & Incline Railway Manitou Springs 469.8375 M
: Dead dull listening, to me. Then again, I occasionally listen to
: McD's order window so there's no accounting for taste <G>.
:
Hmmm. This must be the freq for the Manitou Incline (now defunct).
The Pikes Peak Cog Railway is on 161.550 MHz as someone else
posted. (And it is dead & dull, but hey....)

Other frequencies of interest for the Pikes Peak visitor:
1. Pikes Peak Highway Patrol 453.900 MHz
[police on the toll road that goes up Pikes Peak]
2. El Paso County Search and Rescue 155.235 MHz
[sometimes found rescuing hikers off the mountain]
3. Pike National Forest 168.725 MHz
[the national forest that surrounds Pikes Peak,
normally pretty quiet unless there is a forest fire
or other emergency]

Bob Witte / bobw@col.hp.com / Hewlett Packard / PMO / KB0CY / (719) 590-3230

794. Re: 155.7 cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-08-22 02:19:06 UTC
From: ksmith@theodolite.ae.calpoly.edu
Message-ID: <3391uq$rj6@babyblue.cs.yale.edu>
Source record: 270204

I'm surprised noone else has suggested this:

It COULD be that your neighbor is being bugged by the police. I have seen
law enforcement use low-power (if your upstairs you'd receive it no problem)
bugs on these frequencies. Pretty low-tech, but you never know...

-ks

795. Freq for portland oregon

Newsgroup: rec.radio.scanner
Date: 1994-08-22 02:51:12 UTC
From: benchr@teleport.com
Message-ID: <benchr.94.00795F3E@teleport.com>
Source record: 270212
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Howdy,

I'm trying to locate the TAC-II frequency that the Portland Oregon police use..

Any help would be greatly appreciated.

796. Shuttle Freqs

Newsgroup: rec.radio.scanner
Date: 1994-08-22 03:16:19 UTC
From: afabro@magnus.acs.ohio-state.edu
Message-ID: <3395a3$bju@charm.magnus.acs.ohio-state.edu>
Source record: 270206
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

Hello,

Was wondering if anyone knows the frequencies that the shuttle uses for communications to earth or for other uses. I have a friend who wants to try to listen even though he doesn't have much in the way of a radio and antenna to listen with. Sorry if this is in a FAQ somewhere.

Thanks

Tony N8RRB
afabro@magnus.acs.ohio-state.edu

797. Canadian or Mexican Scanner Laws?

Newsgroup: rec.radio.scanner
Date: 1994-08-22 03:38:35 UTC
From: g9153402@huey.csun.edu
Message-ID: <3396jr$jhi@nic-nac.CSU.net>
Source record: 270207
Cross-posted to: rec.radio.scanner,rec.radio.amateur.policy,rec.radio.amateur.misc

Does anyone know of the laws in Canada or Mexico about stores being able to sell radio scanners that are modifiable to scan the cellular spectrum? I'm curious here. Is it as tough as the U.S. law, which I now think makes it illegal to sell this product as of April, 1994, once all existing stock is depleted.
Would anyone think U.S. Customs would confiscate such a device, if one was to try to bring one back that they purchased? Does customs go about confiscating radios? In my experience in traveling to Canada, I've never had a problem coming back to the U.S. I've been through Vancouver & Toronto airports, and each time U.S. Customs seems to just wave me by, sometimes not even wanting to see my ID or airplane ticket.

Any answers?

798. Bear Tracker Freq's

Newsgroup: rec.radio.scanner
Date: 1994-08-22 04:31:00 UTC
From: cms.tech@cld9.com
Message-ID: <7.8182.2202@cld9.com>
Source record: 270010

The Bear Tracker scanner has the ability to scan for State Trooper Transponders. Does anyone have those frequencies? I would like to put them in my scanner. Texas and surrounding States especially.

799. ScanMan magazine

Newsgroup: rec.radio.scanner
Date: 1994-08-22 06:18:08 UTC
From: ad065@FreeNet.Carleton.CA
Message-ID: <CuxAu9.Kzo@freenet.carleton.ca>
Source record: 270210

anyone know where i can get scanman magzine?its a computer magazine,cant find it yet,would like some help on this one..thanks JiM..

800. Re: Questions: Digital Scanning, Cellphones, Transmissions

Newsgroup: rec.radio.scanner
Date: 1994-08-22 07:46:21 UTC
From: phn@dde.dk
Message-ID: <1994Aug22.074621.18616@dde.dk>
Source record: 270215
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy

gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>In article <333n3t$jqf@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:
>>Questions I have:
>>

>>First, does anyone know when this will come, or even equal 50% of
>>such calls?

Here in Europe the GSM system is developing very rapidly. In fact faster than
anyone has ever predicted.

> ..... And, as now but
>even more so, the service providers will subsidize the cost of the
>phones to encourage customers to switch over. Note too that the
>providers are primarily interested in the heavy business users of
>cellular phones. That's where the money is, with high monthly usage.
>If they cut off some customers who don't use the service much by
>shutting down the analog nets, they won't cry about that. There's
>no universal service mandate for cellular.

This is exactly what has happened here in Denmark. The old analogue net NMT
(Nordic Mobile Telephone) was monopolized, but for GSM, there are two
operators fighting for market shares. This has led to extreme cases
where some of the older (first generation) GSM phones was actually
given away or sold at very very low prices together with a subscription.
It actually went so far, that the authorities has to introduce limiting rules
for this subsidarazion. It was feared that in the end the subscribers
would have to pay for the competition.
But still you can get a new digital GSM phone for around 3000 DKK
(about $400).

>>And if digital becomes
>>a standard, will there be a new generation of 'digital scanners', able
>>to detect digital, and translate it?

>No. Intercepting cellular calls is illegal now, there won't be scanners
>legally sold to decode digital cellular in the future unless the ECPA
>is repealed (very unlikely).

In fact European police has got a problem now. Even with a court order,
they are not able to intercept GSM conversations. This is because
there has not been developed equipment for this. The companies
certainly don't see any interest in financing such a development, and
the authorities has really been sleeping.

However, expect the analogue nets to stay for some time. Here in Denmark Telecom who runs the old analogue NMT systems and one of the GSM nets are trying to market the NMT system for private customers. This is done by the introduction of low subscription rates and reduced call charges outside business hours.

--

Per H. Nielsen Telephone: Int +45 42 84 50 11
Basic Applications Fax: Int +45 42 84 52 20
Dansk Data Elektronik A/S, Herlev, Denmark E-mail: phn@dde.dk

801. Re: AOR scanners - What is wrone with them?

Newsgroup: rec.radio.scanner
Date: 1994-08-22 08:04:42 UTC
From: phn@dde.dk
Message-ID: <1994Aug22.080442.8245@dde.dk>
Source record: 270214

walters925@aol.com (WalterS925) writes:

>In article <11@sapphire.win-uk.net>, scollin@sapphire.win-uk.net (Simon
>Collings) writes:

>i have a ar2500 which dose fine at 800megs and fair from 88 to 174 meg
>however from 1-30 it sucks an from 200-400 ive never loged one thing
>also a freind of mine has the same radio and fells the same way the
>radio has no sensitivity ... ive also got a bc200xlt and a icom r71a which
>the aor can not hold a candle to ive also sent my aor back to the factory

>because of this they religned it and checked the sentivity on it but the
>bottom line they said was this is what you get

Don't expect good performance below 30 Mhz from a unit mainly designed
for VHF and UHF.

As for 200-400 Mhz this is mainly military aircraft using AM. Because
of the size of this band it may be hard to get anything just be searching.
A better way is to obtain some exact frequencies used by a nearby airforce
base and program these in.
--
Per H. Nielsen Telephone: Int +45 42 84 50 11
Basic Applications Fax: Int +45 42 84 52 20
Dansk Data Elektronik A/S, Herlev, Denmark E-mail: phn@dde.dk

802. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-22 09:45:58 UTC
From: vhealey@crl.com
Message-ID: <339s4m$mqp@crl2.crl.com>
Source record: 270211

I want everyone to stop immediately flaming droids by refering to
them as rat shack employees. Every droid I saw on Star Wars was far more
intelligent and capabable then what is employed by rs.

3 cepo

803. lescomm

Newsgroup: rec.radio.scanner
Date: 1994-08-22 10:51:03 UTC
From: Tommy the Tourist <nobody@csua.berkeley.edu>
Message-ID: <339vun$h5t@agate.berkeley.edu>
Source record: 270213

lescomm...where is my radio? it has been months and months. i have
not heard from you since spring. are you still in business? i'm missing
alot of traffic waiting for you to return my radio. are you there?

I'm glad you got another Mini-30. My friends and me picked up a M1. I
got it with a silencer and a folding stock. There's this mechanic.
He knows how to make all kinds of guns go full-auto.

For more information about this anonymous posting service,please send mail
to remailer@csua.berkeley.edu with Subject: remailer-info.

To respond to the sender of this message, send mail to
remailer@soda.berkeley.edu, starting your message with
the following 7 lines:
::
Response-Key: the-clipper-key

====Encrypted-Sender-Begin====
MI@```$-^&2?(E<U9BPG1]W7LG=RKH_SQD5J5'1XU8F;5ZJ*/%5H]4>>R!$;[
;]VU%4V]3^TD-Q(@E%;2-I9Z:5"/9$)O%YV;K
====Encrypted-Sender-End====

804. Looking for a couple freqs

Newsgroup: rec.radio.scanner
Date: 1994-08-22 12:40:54 UTC
From: m24636@mwunix.mitre.org
Message-ID: <33a6cn$erp@newsflash.mitre.org>
Source record: 270216

Does anyone know the input frequency for Hamilton County Ohio's fire repeater?
Also looking for PL tone freq's, if any.

How about PL tone freq's for Dauphin County, Pa fire?

Low band skip has been particularly rewarding this year.

805. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-22 12:54:25 UTC
From: orion1@iastate.edu
Message-ID: <orion1.777560065@isum1.iastate.edu>
Source record: 270218

In <32tfr0$ivv@mozz.unh.edu> ces@christa.unh.edu (Christan E Schoenfeld) writes:

>Recently someone posted a message about a police officer who didn't like
>scanners and scanner owners, calling the "ambulance chasers" - well, here's
>some hard facts you can give them from my experience:

>1.In all the police calls I have listened to, I have NEVER heard of a
>situation being botched because of a scanner listener.

I have been involved in several calls in which scanners have caused very
serious problems. We had a situation where the was a man with a gun and
several scanner listeners came out to see what was going on. Many people
could have been hurt. We also have a problem with kids vandalizing and
stealing items. They all carry scanners and it makes it very tough to get
backup on a situation when they know when it is coming. I feel that you
think that scanner listeners are primarily good and helpful. Well, you are
wrong.

>2. I have at least THREE times assisted the police department with calls
>because I was listening to my scanner:

> 1.I heard a police call to my neighbor's house saying that he
> had come home and found a burgular (This was during a big spree)
> While the police were across the street questioning my neighbor
> I heard rustling behind my house and called the station - he was
> later apprehended after a chase.

> 2.I heard a police call in my car that there was someone driving
> a car who had threatened suicide. I was looking at the car when the
> call came in and stopped & got on the payphone to the police. I don't
> know the outcome because I left the receiving area.

> 3.Police call that there was a fight at the complex next to my house
> . I looked out the window & saw three youths jump the fenceinto
> my complexes back yard - the cops didn't have a clue where they were
> until I called.

> In my opinion, the officer the person spoke to, and any other officer
>who hates scanners, is just a cop with an attitude. I work in a hospital ER,
>and believe me, there are alot of them, but this is certainly not true of most.

I am one who could care less if people have scanners in there homes as long
as they stay away from the scene.

And yes I have been assisted by scanner listeners on more than one occasion.
And yes I appreciate the help as long as they stay out of the way.

The reason cops get an "attitude" is because they get tired of people sticking there nose into situations where they just cause more problems. I know I am one. I ask everyone to be more tolerant because until they have a life placed in jeoprady or a case botched because of a scanner, you can never understand.

> In the city I work in, I think most of the cops don't like scanner
>listeners because they don't want people to know how little they do. The city
>is seriously overstaffed and there is an extremely low rate of crime for the
>city's population. Some of the cooler cops have even expressed to me how
>sick they are of sitting on their ass all night. Most people think cops wind
>up in situations like those on TV all the time, well, in my city, that just
>ain't true - but the cops would love people to think that. The reality is
>that they spend most of their time kicking drunks out of Dunkin Donuts and
>sitting outside the only popular bar in town waiting to stop people as soon
>as they drive off.

It sounds to me like you have a bad attitude. Give them a break. Unless you are a cop and in the situations they encounter then I recommend you just quiet down. I feel sorry that you have such a poor opinions of cops, because without them we would all be in a world of hurt. You are right law enforcement isn't like on TV. It is 90% boredom and 10% terror, but remember that 10% may be the ultimate scarifice(i.e. his/her life).

> Cops who hate scanner listeners will tell you how they foul up
>their job, and this is a crock of shit. They just don't want you to know what
>their job is REALLY like. Cops without attitudes will tell you they appreciate
>the help!

AND FINALLY.
Did you pull your conclusions out of a cereal box? Do you have first hand experience? I think everyone just needs to just relax and slow down. I can tell you do not know much about cops because there is no such thing as a cop without an attitude, trust me I have been around quite a few more than you have. Before you go running your fingers off, I ask that you try to think because you are just going to make it worse for yourself in the long run.

>--
> ____
>|Chris E. Schoenfeld | University of New Hampshire |
>|Communications / PoliSci Major | Look to the Cookie! |
>|_____________________________|_____________________________________|
--
Alex Leu	"When police officers fire their
Pocahontas County and	guns, the immediate consequence
Laurens,Iowa Reserve Officer	of their decisions are realized at a
76-34	rate of 750 fps" James Fyfe

806. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-22 13:25:02 UTC
From: ribarbe@garlic.com
Message-ID: <33a8ve$8hh@garlic.com>
Source record: 270217
Cross-posted to: rec.radio.scanner,alt.2600

Matthew Rapaport (mjr@crl.com) wrote:

<del>
: So from my viewpoint, employees of the government, while *acting* as
: employees of the government, have no particular right to demand or expect
: privacy (in this case freedom from remote and non-intrusive monitoring).
: matthew rapaport Philosopher/Programmer at large KD6KVH

I read once some guy taped a state senator scoring for mass quantities of
horse on cellular phone, and he's not in the state senate anymore.

--

Geek v2.1: GAT d--- H->+ s+ g+6 au0 !a w+++(---) v(---)>* C++++ US+++(++++)
!P 3+ L+ E---- N++ K+>+++++ W--- M+$ V- po--- Y++(+) t j--IRC
G++ b+++ B- e* u---* h!>++@ f* r++ n+ y-**$

Finger for thee PGP publik kee.

807. BC200XLT Keyboard tricks

Newsgroup: rec.radio.scanner
Date: 1994-08-22 13:38:55 UTC
From: C_Gingras@Infopuq.UQUEBEC.CA
Message-ID: <Cuxv8v.J03@UQuebec.CA>
Source record: 270130

Hi all!!!

What are thoses BC200XLT keyboard tricks, and what they do? I have a "modified" BC200xlt (cell freq. enabled). Are thoses tricks usefull for me???

Thanks for your answer.

SBG (Here or at: SBGousse@cmq.upc.qc.ca or SBGousse@eworld.com)

808. Re: Questions: Digital Scanning, Cellphones, Transmissions

Newsgroup: rec.radio.scanner
Date: 1994-08-22 13:50:38 UTC
From: stokes@cmc.ca
Message-ID: <1994Aug22.135038.17301@venus.cmc.ca>
Source record: 270220
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy

In article <1994Aug20.140335.9766@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
|> In article <333n3t$jqf@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:
|> >But if, and when, digital services become the standard, will that make
|> >our scanners next to worthless, with nothing left to scan?
|>
|> It's illegal to scan cellular *now*, you're supposed to use your scanner
|> to scan transmissions that are legal to intercept such as unscrambled
|> public safety and amateur.
|> Gary

Gary: you dodged the question! Park the political correctness and stay technical! Your insight is good; I have several printouts at home that are your posts (lightning protection and SWR arguments). There is nothing wrong with _talking_ about scanning cellular phone calls. And plus, it is entirely legal.

In Canada.

To answer the reader's question: scanners are able to receive an incredibly large number of transmissions: marine, aircraft, public safety, search and rescue, fire, taxi, security, Mick Jagger's wireless microphone, amatuer radio, satelites, ambulance, public weather stations, military operations, air shows, cordless phones, drug busters and the list goes on. As services go digital over the next couple of decades, today's scanners will slowly become less versatile. Don't hold your breath though... these things take a lot of time.

Peter

o Peter A. Stokes _____ Voice & Voice mail: (613) 545-2923
<^- Engineering Applications Support _____ FAX: (613) 548-8104
\/\ Canadian Microelectronics Corporation _____ Net: stokes@cmc.ca
\ Kingston, Ontario, CANADA _____ Radio: VE3ZXT @ VE3CDY
"Don't believe any advice you read"

809. RS PRO-2006 Closeout

Newsgroup: rec.radio.scanner
Date: 1994-08-22 14:18:41 UTC
From: jkearman@arrl.org
Message-ID: <1994Aug22.141841.19331@arrl.org>
Source record: 270222

I've just heard that Radio Shack is closing out the PRO-2006
for $299, where units are still available. Last chance!

Good listening.

Jim

jkearman@arrl.org

810. Radio Shack PRO 2028

Newsgroup: rec.radio.scanner
Date: 1994-08-22 14:31:32 UTC
From: carpene@lastlaff.EBay.Sun.COM
Message-ID: <33acs5$rhn@male.EBay.Sun.COM>
Source record: 270219

I just picked up the PRO 2028 for under $80.(NEW). The band coverage is between 29 - 512 MHZ. I'm a novice to scanners and I'm curious....given the price, is it worth it to hold on to this unit? Or should I opt for spending a lot more to gain access to the upper bands? Also, this is a discontinued model. So, I'd appreciate hearing from anyone who has had any good/bad experiences with this model.

Thanks.
Marc

811. Damark and the BC-200XLT

Newsgroup: rec.radio.scanner
Date: 1994-08-22 14:33:20 UTC
From: lee@tosspot.sv.com
Message-ID: <0LRgRc1w165w@tosspot.sv.com>
Source record: 270221

For those who may be interested, Damark (800) 729-9000 still have stock left of factory reconditioned Uniden Bearcat BC-200XLT scanners. The catalog number is B-9055-200551 and the price is $169.99 with $6.50 shipping and handling.

I have ordered and received one. Cosmetically it is indistinguishable from new. Ni-Cad pack, carrying case, duckie and wall charger are provided.

The 800MHz modification and the battery modification were simple, the pcb exactly matched the layout detailed in the ArtSci scanner modification book.

The sole negative is the 12.5kHz stepping rate in the cell band.

So, if you want an inexpensive and uncrippled handheld scanner, you could do a lot worse than to buy this model from this source.

BTW, the ordering desk at Damark may have the prices bollixed up, the price I was originally quoted was $199.95. If you point out to them that catalog #B-9055 has it listed on page 55 at the $169.99 price there should be no problem.

Lee

812. Scan in Quebec, Canada

Newsgroup: rec.radio.scanner
Date: 1994-08-22 16:29:42 UTC
From: messierj@ERE.UMontreal.CA
Message-ID: <messierj.777572982@brise.ERE.UMontreal.CA>
Source record: 270230

Hi to all

Brief question : is scanner use illegal in Quebec Canada ?

I saw something on that before, but law was changed, I was told.

Thanks

messierj@ere.umontreal.ca

813. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-22 16:50:04 UTC
From: wwhitby@aol.com
Message-ID: <33akvs$c3m@search01.news.aol.com>
Source record: 270225

>I can tell you do not know much about cops because there is no such thing as
>a cop without an attitude

I have had several friends who have been cops and state troopers and they have been the nicest people you would ever want to be around. BTW they own and listen to scanners and don't care if eveyone else does either.

On the other side of the coin, my next-door-neighbor is a city cop. He is frustrated about not being promoted and paid next to nothing. What does he do? He is a bully. He teaches his kids how to beat up other kids (He's a black belt). He is a wife beater and has had several fights (fist and verbal) with his wife outside. When he yells at his kids, you can hear it two houses away! He has an attitude. A violent attitude that makes me want to stay as far away from him as possible.

What does this have to do with this newsgroup. He viscioulsy insults me about being a scanner user and even for using my ham eqipment.

It seems to me that the attitude that cops have about life in general can affect their attitude about scanner owners.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL
I'm the NRA!!!

814. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-22 16:51:18 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <33al26$rfm@mozo.cc.purdue.edu>
Source record: 270270

In article <CutELE.435@sgb.oau.org> steven@sgb.oau.org (Steven Bradley) writes:
>I realize this is not the best place for a general comment on the new Radio
>Shack catalog -- but since it does include scanners...
>
>Here is my tale of how I bought mine, if you are as inventive, I'd love to
>hear yours as well. First, I didn't actually buy it...

[tale of avoiding paying for catalogs deleted]

>Anyhow, I'd love to hear of other creative methods of NOT paying no stenk'in
>two bucks for a catalog! I plan to get one on EVERY item I purchase, and if
>the item needs to get returned, I will return a catalog with it for full
>refund! We really need to make it as difficult as possible for Radio Shack,
>since they have NO right to charge for their stenk'in catalogs!
^^

How do you arrive at this conclusion? Of course Radio Shack has a
right to charge for their catalog. They have a right to charge $20
for a 3 ft phone cord, too. While it's possible neither makes good
business sense, they are well within their "rights" to do so.

It's amazing how some people think that if something was offered free
of charge at one time, it must be offered free of charge forevermore.

No, I don't work for RS, and I'm no more enamored of them than I am of
any other business. If paying $2 for a catalog/$2 coupon cuts their
costs, it's no big deal for me since I'll be making a $2 purchase
eventually.

If you're going to go to such effort to stand on principle, select a
principle worthy of that effort. IMO, this ain't worth it.

--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

815. Re: RS PRO-2006 Closeout

Newsgroup: rec.radio.scanner
Date: 1994-08-22 16:55:42 UTC
From: rsmith@runcible.macc.wisc.edu
Message-ID: <33alae$nce@news.doit.wisc.edu>
Source record: 270224

Jim Kearman (KR1S) (jkearman@arrl.org) wrote:
: I've just heard that Radio Shack is closing out the PRO-2006
: for $299, where units are still available. Last chance!

: Good listening.

: Jim

: jkearman@arrl.org

I checked locally and the price is $359.97 per the home office in
in Texas. All of our stores in town are company owned. Does any
one have more info. about the $299 price ?

--

Rusty Smith Division of Information Technology
rsmith@macc.wisc.edu Network Engineering Group
rsmith@wiscmacc 1210 W. Dayton St. Rm B263
University of Wisconsin at Madison Madison WI 53706 (608) 263-6307

816. NEW SCANNER LAW?

Newsgroup: rec.radio.scanner
Date: 1994-08-22 16:56:20 UTC
From: S969883@UMSLVMA.UMSL.EDU
Message-ID: <1701AA7E4.S969883@UMSLVMA.UMSL.EDU>
Source record: 270236

I just started monitoring this newsgroup and have run across many messages regarding the new scanner law. Could someone clue me into what the main jist of the bill states. I'm sure there are others who have started to read this group and would like to clue in also. Thanks

* -- *
Shane L. Placeway	,__ o How can so many work so
University of Missouri - STL	_->__<, hard for so few to go so
s969883@umslvma.umsl.edu	(*)/ '(*) FAST?!?
HAM Radio Call Sign: N0ZOW	<><><><><><><><><><><><><><><><><><><>
* -- *

817. Re: Leather..

Newsgroup: rec.radio.scanner
Date: 1994-08-22 16:59:40 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug22.115940.2804@hnrc.tufts.edu>
Source record: 270223

In article <33895k$kgv@nic-nac.CSU.net>, g9153402@huey.csun.edu (Berton Corson) writes:
> Jim Boyle (ad065@FreeNet.Carleton.CA) wrote:
>
>> Anyone know of a company that makes thin leather cases for pro-43's?..thanx..
^^^^^^^^^^^^
>
> Radio Shack has a carrying case with a belt loop. Can be used for
> scanners, walkie-talkies, cordless phones, or carrying your pet
> lizards in. It sells for $9.99. Ask them to order part #20-024
> if they don't have it in stock.
>
This is *vinyl*! Oh! How the mighty Tandy Leather Company has fallen!

818. Re: AOR AR-8000 Receiver

Newsgroup: rec.radio.scanner
Date: 1994-08-22 17:02:45 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Aug22.170245.8617@rsd.dl.nec.com>
Source record: 270228
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <1994Aug19.135009.1819@arrl.org>, jkearman@arrl.org (Jim Kearman (KR1S)) writes:
>
> Anyone had a chance to try out the new AOR AR-8000 receiver?
>

According to a mailout I got from Tucker Electronics in Dallas, they have (or shortly will have) the AR-8000. The also carry the new AOR S/W RX as well.

dave

==========
Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

In the absence of leadership, we have decided to follow ourselves.

819. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-22 17:05:01 UTC
From: michaeha@soul.tv.tek.com
Message-ID: <33alrt$4jj@news.tv.tek.com>
Source record: 270226

In article <339s4m$mqp@crl2.crl.com> vhealey@crl.com (Victor Healey) writes:
>
> I want everyone to stop immediately flaming droids by refering to
>them as rat shack employees. Every droid I saw on Star Wars was far more
>intelligent and capabable then what is employed by rs.
>
>3 cepo
>

At least most rs employees can spell their own name correctly you dumb droid!
You name is 3cpo not 3 cepo.

820. Re: RS PRO-2006 Closeout

Newsgroup: rec.radio.scanner
Date: 1994-08-22 17:18:07 UTC
From: domonkos@access1.digex.net
Message-ID: <33amkf$ncg@news1.digex.net>
Source record: 270227

Jim Kearman (KR1S) (jkearman@arrl.org) wrote:
: I've just heard that Radio Shack is closing out the PRO-2006
: for $299, where units are still available. Last chance!

: Good listening.

: Jim

: jkearman@arrl.org

Just called my local RS and siad price was still 359.95, they haven't
heard the new price yet...what gives?

Andy

821. Re: Questions: Digital Scanning, Cellphones, Transmissions

Newsgroup: rec.radio.scanner
Date: 1994-08-22 18:23:28 UTC
From: horak@convex.com
Message-ID: <33aqf0$gss@eugene.convex.com>
Source record: 270229
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy

In <1994Aug20.140335.9766@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>There are two methods competing for digital cellular. One is based
>on TDMA, and the other is spread spectrum. Since with SS each phone will
>have it's own spreading sequence keyed to it's serial number, you'd have
>to try millions of combinations to luck onto the correct one for a given
>phone. If TDMA is chosen, you'll have to break the supervisory circuit to
>track the time slice as the phone hops from cell to cell. And all of this
>would be very illegal of course.

>Gary

Wouldn't SS be a pain to orchestrate being that cell sites use specific
frequencies per site or am I missing something here? Are the digital
phones going to use the same freq spectrum? (~824-849)

David

822. Re: Why is there alt.radio.scanner AND rec.radio.scanner?

Newsgroup: rec.radio.scanner
Date: 1994-08-22 18:35:41 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.458.001298CE@ccm.hf.intel.com>
Source record: 270249

In article <33b29i$g10@search01.news.aol.com> scan911@aol.com (SCAN911) writes:

>both newsgroups. Anyone know how to get rid of a newsgroup???

>Chuck
>scan911@aol.com

Yes. It requires everyone to send a message to the administrator of their own news site and tell them to remove this group (alt.r.s). As long as people keep posting to it, it will live on.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

823. PRO-51 secrets help

Newsgroup: rec.radio.scanner
Date: 1994-08-22 19:50:02 UTC
From: lonewolf@connected.com
Message-ID: <33avha$aou@hebron.connected.com>
Source record: 270231

As I bought a Radio Shack Pro-51 scanner yesterday, the salesguy was trying to show me ho to do this 3-key sequence that if I hold them before I turn it on, it would enable me to do a complete search of ALL the 800 mhz frequencies! He forgot what it was. It was 9-(something)-LOCKOUT. He said a customer saw it in a JULY issue of a scanner magazine. Does anyone know the correct sequence? Any help would be GREATLY appreciated! Any other secrets regarding the pro-51 are also welcomed. Thanks for your time.

824. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-22 20:07:07 UTC
From: andycl168@aol.com
Message-ID: <33b0hb$fec@search01.news.aol.com>
Source record: 270232

In article <orion1.777560065@isum1.iastate.edu>, orion1@iastate.edu (Alex
O Leu) writes:

>I have been involved in several calls in which scanners have caused very
>serious problems. We had a situation where the was a man with a gun and
>several scanner listeners came out to see what was going on. Many people
>could have been hurt. We also have a problem with kids vandalizing and
>stealing items. They all carry scanners and it makes it very tough to
get
>backup on a situation when they know when it is coming. I feel that you
>think that scanner listeners are primarily good and helpful. Well, you
are
>wrong.

So why didn't you arrest the voyeurs for showing up at the scene and the
miscreants for use of a scanner in the commition of a crime? By saying
that this guy is wrong, you say that scanner listeners are *primarily* bad
and a hindrance. If this is your intent, I respect your opinion as a
police officer. If not, I'd advise you to correct yourself.

Andy Clark
clarkan@yang.earlham.edu

825. Re: What is this sound?

Newsgroup: rec.radio.scanner
Date: 1994-08-22 20:23:41 UTC
From: reece@eco.twg.com
Message-ID: <33b1gd$ktg@scoop.eco.twg.com>
Source record: 270233
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <royhCurEqq.HuD@netcom.com>, royh@netcom.com (Roy Harvey) writes:
|>I often hear an exchange of DTMF (touch tones) on cellular that goes
|>something like:
|>
|>dee-doot (my approximation for ASCII)
|>*short pause*
|>dee-dah-dah-dah-dah-dee-dah-doot-doot-deet
|>*short pause*
|>
|>and then this kind of call/response sequence repeats itself. Is this
|>some sort of paging system?

Telemetry. This is a pretty close approximation (for ASCII) to what
I hear when I tune in to the freqs used by my local water company
for reporting tank levels and pressures.

826. Re: Why is there alt.radio.scanner AND rec.radio.scanner?

Newsgroup: rec.radio.scanner
Date: 1994-08-22 20:37:06 UTC
From: scan911@aol.com
Message-ID: <33b29i$g10@search01.news.aol.com>
Source record: 270234

In article <keithr.37.005C4ED6@primenet.com>, keithr@primenet.com (Keith Rowland) writes:

>Why is there alt.radio.scanner AND rec.radio.scanner? And why >are there many
>cross posted news articles?

>It would be easier if only one existed. Can anyone explain any
>differences?

I haven't noticed any difference between the two groups except that some stuff doesn't get cross posted so you need to check both groups. I recommend that alt.radio.scanner be dropped because it gets less input that rec.radio.scanner. It belongs in the rec.radio group anyway. Some of us have to pay for our access time and it's a waste to have to check both newsgroups. Anyone know how to get rid of a newsgroup???

Chuck
scan911@aol.com

827. Re: RS PRO-2006 Closeout

Newsgroup: rec.radio.scanner
Date: 1994-08-22 20:40:04 UTC
From: jkearman@arrl.org
Message-ID: <1994Aug22.204004.29389@arrl.org>
Source record: 270235

Jim Kearman (KR1S) (jkearman@arrl.org) wrote:
: I've just heard that Radio Shack is closing out the PRO-2006
: for $299, where units are still available. Last chance!

: Good listening.

: Jim

: jkearman@arrl.org

This info came from someone who bought two at that price
in Texas. Apparently, other stores are still selling them
at $359. Maybe the sale is imminent, maybe not. Sorry, I
can provide no more info. It was on a BBS and passed along
to me.

Jim

828. Re: Questions: Digital Scanning, Cellphones, Transmissions

Newsgroup: rec.radio.scanner
Date: 1994-08-22 21:14:39 UTC
From: kleing@qualcomm.com
Message-ID: <33b4fv$2uj@qualcomm.com>
Source record: 270237
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy

In article <33aqf0$gss@eugene.convex.com> horak@convex.com (David Horak) writes:
>In <1994Aug20.140335.9766@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>>There are two methods competing for digital cellular. One is based
>>on TDMA, and the other is spread spectrum. Since with SS each phone will
>>Gary
>
>Wouldn't SS be a pain to orchestrate being that cell sites use specific
>frequencies per site or am I missing something here? Are the digital
>phones going to use the same freq spectrum? (~824-849)

Yep, you're missing something. The SS system called IS-95 will use
a SS modulation of 1.25 MHz. At first, only a single such wide channel
would be used for the CDMA SS system. The analog system would be removed
from those channels. Later on, as the proportion of phones shifts
toward CDMA capabile phones, more bandwidth can be converted to SS
use. Note that CDMA SS allows a single 1.25 MHz bandwidth channel
to be used by ALL cells in the system. This is a key aspect of
CDMA's higher capacity than other techniques

Klein Gilhousen, WT6G
QUALCOMM Incorporated

829. 10 Codes for Washington State

Newsgroup: rec.radio.scanner
Date: 1994-08-22 21:23:01 UTC
From: jopy@aol.com
Message-ID: <33b4vl$gqf@search01.news.aol.com>
Source record: 270238

Could some send my a list of ten codes for Washington State please.
Thanks.
John Penchosky
japencho@aol.com

830. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-22 22:20:09 UTC
From: malxndr@aol.com
Message-ID: <33b8ap$htp@search01.news.aol.com>
Source record: 270239

In article <33alrt$4jj@news.tv.tek.com>, michaeha@soul.tv.tek.com (Mike Harris) writes:

I've never paid for a catalog. They're always given away for free. Picked one up today in fact. Yes, the Rat Shack folks are often droids but where else are you going to find such neat stuff (at only somewhat inflated prices)?

831. Re: RS PRO-2006 Closeout

Newsgroup: rec.radio.scanner
Date: 1994-08-22 22:22:07 UTC
From: malxndr@aol.com
Message-ID: <33b8ef$hup@search01.news.aol.com>
Source record: 270240

In article <1994Aug22.204004.29389@arrl.org>, jkearman@arrl.org (Jim Kearman (KR1S)) writes:

My local RatShack in Franklin, Mass. has them for $359, on sale as a "manager's special."

832. Field Day Web Page

Newsgroup: rec.radio.scanner
Date: 1994-08-22 23:26:26 UTC
From: sehrlich@dogbert.dac.neu.edu
Message-ID: <33bc72$e0d@dogbert.dac.neu.edu>
Source record: 270241
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.scanner

The Boston Amateur Radio Club has added a Field Day World Wide Web page
to its home page.

The Field Day address is: http://www.acs.oakland.edu/barc/fd.html

The home page address is in the .signature below.

Please check it out, and offer any comments you have.

73,
Scott, WY1Z

--
Scott Ehrlich, Amateur Radio Callsign: wy1z wy1z@ka2jxi.ny [AX.25 Packet]
E-mail addresses: wy1z@neu.edu [Internet], wy1z@wa1phy.ampr.org [TCP/IP Packet]
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html

833. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-22 23:32:21 UTC
From: Tom WB7ASR <tom_boza@ccm.hf.intel.com>
Message-ID: <33bcp4$iku@chnews.intel.com>
Source record: 270246

In article <33b8ap$htp@search01.news.aol.com>, <malxndr@aol.com> writes:

> Yes, the Rat Shack folks are often droids

I also find this to be true on just about all cases (what do you expect
for employees who are paid min wage). However when I shop there, I just
go in, get what I need, pay for it, then leave. I have the attitude
that the employess are there only to run the cash registrar.

834. Re: Pro-2006 Still OK For Cell Mod?

Newsgroup: rec.radio.scanner
Date: 1994-08-22 23:33:23 UTC
From: banister@lobby.ti.com
Message-ID: <banister.78.00178F1E@lobby.ti.com>
Source record: 270262

In article <33bohk$8n6@pipe3.pipeline.com> chris@pipeline.com (Chris Matus) writes:
>From: chris@pipeline.com (Chris Matus)
>Subject: Pro-2006 Still OK For Cell Mod?
>Date: 22 Aug 1994 22:56:52 -0400

>I've been toying with the idea of picking up a 2006 at the
>closeout price, but have been wondering if they can still be
>moded for cell coverage. Anybody know?

I just purchased one two weeks ago from Marymac and the mods
worked great.

Danny Banister email: ddb1@msg.ti.com
Texas Instruments Incorporated email: 4403502@mcimail.com
13353 Floyd Road , MS 370 phone: (214) 995-1520
Dallas, Texas 75265
"Statements made here are my personal opinions; I do NOT speak for TI"
---

835. WANTED: Champaign/Urbana Frequency list.

Newsgroup: rec.radio.scanner
Date: 1994-08-23 00:21:10 UTC
From: arthurbh@aol.com
Message-ID: <33bfdm$jtr@search01.news.aol.com>
Source record: 270247

I am looking for a list of active frequencies in
the Champaign/Urbana area. I am most
interested in police, fire, fast food, and U of I
campus activities.

Thanks
Art

836. Car-to-Car Freqs

Newsgroup: rec.radio.scanner
Date: 1994-08-23 00:39:12 UTC
From: jcosiman@clark.net
Message-ID: <33bgfg$95@clarknet.clark.net>
Source record: 270244

I live in Metro DC and would be interested in any car-to-car freqs used by either the DC Police, MD State Police, or PG County Police. Police Call only lists the dispatch freqs (unless I am missing something) and they are pretty watered-down...

Thanks... <J>

--
+---+
| jcosiman@clark.net - jcosimano@his.com |
| |
| Friends don't let friends use AOL |
+---+

837. Re: Is paying $$$ for 220-400Mhz worth it?

Newsgroup: rec.radio.scanner
Date: 1994-08-23 00:39:42 UTC
From: Greg <gregmason@delphi.com>
Message-ID: <R+3w19G.gregmason@delphi.com>
Source record: 270242

Last time i was at my local scanner dealer, i asked, in passing about the
GRE military band converter. I have a friend who wis he'd bought the
more expensive 43 with 200-400mhz coverage, and suggested this gizmo to him.

The person i talked to (a local "scanner hero") told me that it works...
but that the people shed known whod shelled the bucks out for the converter
had been somewhat disappointed. She said that "most people were unhappy with
it"
Altho she herself had no first hand experience with it.

838. Info on Bearcat 300?

Newsgroup: rec.radio.scanner
Date: 1994-08-23 00:40:34 UTC
From: fiasco
Message-ID: <fiasco-220894163332@blue.hip.berkeley.edu>
Source record: 270248

I,ve got a Bearcat 300 for my home and would like information on mods for it, and also similar info for the 760 xlt. Can someone advise a newcommer to the wonderful and exciting world of scanning?

839. Grove Raises 2006 Price!

Newsgroup: rec.radio.scanner
Date: 1994-08-23 00:47:42 UTC
From: Greg <gregmason@delphi.com>
Message-ID: <hgwy1tG.gregmason@delphi.com>
Source record: 270243

I called Grove recently. My intent was to purchase a 2006 at their usual price. imagine my surprise when, after giving the shipping info and my cc# that the price had been raised from $359 to $369. I told em to forget it, and went the local Scanner Store and bought one. I paid a little more, but it felt good not to be gouged by grove and support a nicle little local radio shop at the same time.

840. Re: pro-51

Newsgroup: rec.radio.scanner
Date: 1994-08-23 00:50:29 UTC
From: edwin@connected.com
Message-ID: <33bh4l$acm@hebron.connected.com>
Source record: 270245

Al Berg (alberg@pipeline.com) wrote:
: jerry@hnrc.tufts.edu (Jerry Dallal) wrote:
: >In article <32ofdo$3gd@scratchy.reed.edu>,
: >jfilner@reed.edu (jfilner) writes:
: >> Please forgive me if this has already been asked,
>worth the money at
I purchased a PRO-51 two weeks ago, took it back and traded for a PRO-43. The PRO-51 received more images than stations, lacked sensitivity, had a horrible squeel when the transmission ended, but before the squelch cut in, and lacked adequate volume. The PRO-51 is ok for the $199, but doesn't match the PRO-43, which solved all of the problems except the lousy sound.

841. Re: rec.radio.cellular?

Newsgroup: rec.radio.scanner
Date: 1994-08-23 01:00:00 UTC
From: paul.cordingley@canrem.com
Message-ID: <60.7210.5773.0N1AB772@canrem.com>
Source record: 270257

-=> Quoting Stevenrec.radio.cellular?gb.oau.org to All <=-

St> I would like to suggest the creation of a new group -
St> rec.radio.cellular, as it has become apparent that while in the days of
(massive snip here)
St> Any thoughts (please, no flames, just sounds like a good idea!)?

Bravo! An excellent idea! Personally I get really frustrated with
the amount of irrelevant stuff I wade thru to get to what I want to
know about.
The whole scanner usenet organization ought to be rethought - seems
there is room for improvement - eg look at all the crossposting between
alt. and rec., not to mention the fido net!
Some logical categories:
1) DX: Frequencies, dx discussions
2) Technical:how-to, theory, how the various systems we monitor work
3) Equipment reviews and modifications
4) Policy and legal
5) Cellular and cordless/baby monitoring

The ham's have already done this, with good results, and the volume of
scanner postings is probably nearly as great as what they generate.
Onwards and upwards!

Paul

... Please speak softly, my brain suffers from front end overload
--- Blue Wave/QWK v2.10

842. BC 200XLT Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-23 01:17:08 UTC
From: cwatkin873@aol.com
Message-ID: <33bimk$l0p@search01.news.aol.com>
Source record: 270250

I'm new to scanning and just recently purchased a BC 200XLT. I would appreciate any info on mods and welcome any other comment on this type of scanner.

Thanks.

843. 900 mhtz phones

Newsgroup: rec.radio.scanner
Date: 1994-08-23 01:44:51 UTC
From: edfxo@huber.com
Message-ID: <33bkaj$48f7@muddy.huber.com>
Source record: 270251

i have seen several posts concerning the tropez cordless phones. i decided that i wanted to buy one. when i went shopping i saw 900 mhtz models from at&t, sony, and panasonic. has anyone had any experience with these other models? how do they compare for range clarity and security.

thanks,

frank

844. Pro-2006 Still OK For Cell Mod?

Newsgroup: rec.radio.scanner
Date: 1994-08-23 02:56:52 UTC
From: chris@pipeline.com
Message-ID: <33bohk$8n6@pipe3.pipeline.com>
Source record: 270252

I've been toying with the idea of picking up a 2006 at the closeout price, but have been wondering if they can still be moded for cell coverage. Anybody know?

845. Re: Pro-2006 Still OK For Cell Mod?

Newsgroup: rec.radio.scanner
Date: 1994-08-23 03:22:06 UTC
From: g9153402@huey.csun.edu
Message-ID: <33bq0u$1ev@nic-nac.CSU.net>
Source record: 270253

Chris Matus (chris@pipeline.com) wrote:
> I've been toying with the idea of picking up a 2006 at the
> closeout price, but have been wondering if they can still be
> moded for cell coverage. Anybody know?

From what I've read, the model is being closed out, and/or being recalled
by Radio Shack corporate headquarters, so I don't think any new model
has been created that is non-modifiable. My suggestion would be to
run, not walk, to your nearest Rat Shack and get one before they're gone
for good....

846. Re: Why is there alt.radio.scanner AND rec.radio.scanner?

Newsgroup: rec.radio.scanner
Date: 1994-08-23 03:25:25 UTC
From: g9153402@huey.csun.edu
Message-ID: <33bq75$1ev@nic-nac.CSU.net>
Source record: 270254

Keith Rowland (keithr@primenet.com) wrote:
> Why is there alt.radio.scanner AND rec.radio.scanner? And why are there many
> cross posted news articles?

> It would be easier if only one existed. Can anyone explain any differences?
> Thanks...

I'll tell you one thing, if one group is to be deleted, make it the .alt
group. At my site, it doesn't have alt.radio.scanner, so I'm unable
to read it anyway...

847. Re: RADIO SHACK SCANNER BAN

Newsgroup: rec.radio.scanner
Date: 1994-08-23 03:42:15 UTC
From: g9153402@huey.csun.edu
Message-ID: <33br6n$1ev@nic-nac.CSU.net>
Source record: 270255

David Harpe (david_harpe@mm.cobb.ziff.com) wrote:

> The ECPA makes using the gear illegal. This is impossible to enforce
> widespread, and the legal folks know it. So they took the next logical
> step: Cut it off at the source. They made it illegal to MANUFACTURE
> equipment which is capable of receiving the forbidden bands. So most
> manufacturers modified their scanners so that reception could be enabled
> or disabled by adding or cutting a simple jumper. It was cheap, and it
> followed the letter of the law. (I'm one of those who thinks that the
> manufacturers used this method because it was the most cost effective
> solution to an engineering problem...NOT to protect scanner enthusiasts).
> But the legal guys didn't like what was happening. They saw just as many
> scanners being used, and an entirely new market being created for
> modifications. Not only that, scanner usage might actually have
> INCREASED. Some people probably got a kick out of it more since they
> had to pop the thing open and cut a "secret wire" (sort of like the bozos
> who used CB radios with Linears).
> So, the legal folks made it illegal to manufacture equipment which is
> "EASILY MODIFIABLE" to receive the forbidden frequencies. So now the
> manufacturers have to design their units so that they are practically
> destroyed if you try to modify them. They do this by sealing key chips
> in epoxy, blasting new ROMs, etc.
*** Stuff Deleted ***

I agree with you 100%. What you got is a law that's unenforceable. Sort of like a law that L.A. County has had for a few months, making it illegal to be on a street corner trying to solicit work (day laborers) in unincorporated areas. The L.A. County DA's office absolutely refuses to even file charges against these day laborers. They just don't have the resources, or even the will, to do it. It's just that the County Board of Supervisors gave in to a rich group of homeowners who claimed the gathering of day laborers lowered their property values.

But here with cell phones, the cell phone industry got these laws passed, claiming it was an invasion of privacy. Then those air-head bureaucrats in Washington agreed, when they suddenly find out that their own cell phones weren't private, as they once thought, so lets make a law. Where have these bone-heads been all their lives? Didn't they realize a cell phone is just a sophisticated two-way radio, and anyone tuned in to the right frequency in the area where one is operating can hear it. Passing laws just won't do a thing about it. There are already millions of scanners and other radio receivers out there that can receive this stuff. Passing a law ain't going to help one bit. I feel absolutely no pitty for the cell phone industry. If they really wanted a reasonably secure cell phone

network, the networks would be 100% digital by now. Instead, they lobby to have laws passed to cover their own mistakes. It's enough to make me throw-up...

848. Rat Shat Scanner Ban

Newsgroup: rec.radio.scanner
Date: 1994-08-23 03:50:50 UTC
From: g9153402@huey.csun.edu
Message-ID: <33brmq$31q@nic-nac.CSU.net>
Source record: 270256
Cross-posted to: rec.radio.scanner,rec.radio.amateur.policy,rec.radio.amateur.misc

David Harpe (david_harpe@mm.cobb.ziff.com) wrote:

> The ECPA makes using the gear illegal. This is impossible to enforce
> widespread, and the legal folks know it. So they took the next logical
> step: Cut it off at the source. They made it illegal to MANUFACTURE
> equipment which is capable of receiving the forbidden bands. So most
> manufacturers modified their scanners so that reception could be enabled
> or disabled by adding or cutting a simple jumper. It was cheap, and it
> followed the letter of the law. (I'm one of those who thinks that the
> manufacturers used this method because it was the most cost effective
> solution to an engineering problem...NOT to protect scanner enthusiasts).
> But the legal guys didn't like what was happening. They saw just as many
> scanners being used, and an entirely new market being created for
> modifications. Not only that, scanner usage might actually have
> INCREASED. Some people probably got a kick out of it more since they
> had to pop the thing open and cut a "secret wire" (sort of like the bozos
> who used CB radios with Linears).
> So, the legal folks made it illegal to manufacture equipment which is
> "EASILY MODIFIABLE" to receive the forbidden frequencies. So now the
> manufacturers have to design their units so that they are practically
> destroyed if you try to modify them. They do this by sealing key chips
> in epoxy, blasting new ROMs, etc.
*** Stuff Deleted ***

I agree with you 100%. What you got is a law that's unenforceable. Sort of like a law that L.A. County has had for a few months, making it illegal to be on a street corner trying to solicit work (day laborers) in unincorporated areas. The L.A. County DA's office absolutely refuses to even file charges against these day laborers. They just don't have the resources, or even the will, to do it. It's just that the County Board of Supervisors gave in to a rich group of homeowners who claimed the gathering of day laborers lowered their property values.

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industry. If they really wanted a reasonably secure cell phone network, the networks would be 100% digital by now. Instead, they lobby to have laws passed to cover their own mistakes. It's enough to make me throw-up...

849. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-23 04:15:07 UTC
From: usborax@aol.com
Message-ID: <33bt4b$oec@search01.news.aol.com>
Source record: 270259

In article <334t62$43d@vixen.cso.uiuc.edu>, dhughes@prairienet.org (Dan Hughes) writes:

I was in a RS store this past weekend to buy a $1.79 earphone....the man at the counter said that it was too early to break my $20.00 bill, so I told him that it was too early to buy his goods....I walked......

850. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-23 04:15:31 UTC
From: lthomas@nyx10.cs.du.edu
Message-ID: <33bt53$igh@nyx10.cs.du.edu>
Source record: 270260

Well, speaking as someone who HAS worked at Radio Shack, here is
what I have found to be true:

1). Older white males are the biggest jerks
2). Many people prefer to be "clerked"(i.e where you give no help)
3). The majority of the customers come in for two reasons:
a) They need the technical help(no, not how to build a multi-ic
circuit, but basica electronics help)
b) They come in for the parts they can't find anywhere else.

Therefore prices tend to be higher. True, they have gotten ridiculous
lately, but you are paying for obscurity and assistance.
4). Radio shack handles catalogs really shittily
5). 10% of people don't want to give out phone #/address. The people that
don't tend to be of mediocre electronic skill. Highily skilled and very
unskilled don't seem to care.Most women don't want to also.
6). Employees have absolutely no say in anything. All Radio Shack
employees are hired on an "at-will" basis, i.e. quit anytime you want,
get fired for anything.
7). People find it incredible that your typical salesman working at
minimum wage doesn't have the same skills as an EE.
8). Ham people tend to be very civil, scanner people don't.
9). Most employees at Radio Shack are NOT trying to rip you off. Nor does
anything you say to them about policy matter in the least. It only
aggravates the employees who would rather not do it in the first place,
and have no choice. The way to get results is to call the District
Manager. Ask any Radio Shack employee for the District Manager's phone #
and explain that you are going to complain about Radio Shack policy and
that person will go out of his way to help you.
10). Radio Shack people react to people. if you are a jerk, chances are,
the salesman will be less than optimal. Be civil and the salesman will go
out of his/her way to help you.
11). For how much they get paid, Radio Shack people are overqualified.

So in summary, people tend to think of Radio Shack people are jerk droids.
Radio Shack people's stereotype of a jerk is:
a). of mediocre skill(but convinced of his/her greatness)
b). older white male
c). always complaining of policy to the employee, but never doing
anything about it or going above the employee to get results

-Layne

btw. while I was working at Radio Shack(1 year) I only sold one computer.
At the time I was(am) proficient in intel asm, c,c++,pascal,dos,unix. The
problem? I couldn't find another job.

851. Re: 900 mhtz phones

Newsgroup: rec.radio.scanner
Date: 1994-08-23 04:15:39 UTC
From: osborne@bga.com
Message-ID: <osborne-2208942315390001@slip201.bga.com>
Source record: 270258

In article <33bkaj$48f7@muddy.huber.com>, edfxo@huber.com (Frank ODonnell) wrote:

> i have seen several posts concerning the tropez cordless phones. i decided
> that i wanted to buy one. when i went shopping i saw 900 mhtz models
> from at&t, sony, and panasonic. has anyone had any experience with
these other
> models? how do they compare for range clarity and security.
>
> thanks,
>
> *frank*

I've tried both the tropez and the uniden 9100. From my experience the tropez had problems with a kerchunk type sound when I moved my head. Apparently I may have had a defective unit. I returned it and bought a uniden spread spectrum unit from Walmart for $279. A good deal, I believe.

The range is greater than the tropez and I can clip it to my belt as I walk to my apartment mailbox or trash dumpster (~250 yds). The tropez didn't quite make it to the mailboxes at ~150 yds. The only problem I have with the uniden is a bit of an echo (only at my end) that uniden says is a by-product of the ss technology. I don't know if that's true or not but it is a bit annoying. Also, there are only two volume levels which aren't loud enough for me when my stereo is on. There are some other nice features like intercom, monitor call, hold, etc. It's a good phone. Email me for more info.

As for security, I can't pick it up on my opto freq counter at all. The random counts go up in freq. but nowhere near 900 MHz. That's with the counter only an inch away from the phone! I feel quite secure using this phone for the time being. When spread spectrum receivers get more common I may buy a new phone with encryption.

Can't say much about the other models you mentioned but from what I've heard the at&t unit is the best in terms of clarity. I'd be interested in hearing about range comparisons. Supposedly, the ss system gives greater range and uniden claims the power goes up as distance increases.

--
Aaron Osborne | Another of Austin's Underemployed
Apple Tech. | MSEE Texas A&M
Vanstar Corp. | BSEE MTU, Go Youse Huskies!!

852. Re: Pro-43; How to tell if modifiable...?

Newsgroup: rec.radio.scanner
Date: 1994-08-23 05:46:46 UTC
From: flarsen@garnet.berkeley.edu
Message-ID: <flarsen-220894214647@home.hip.berkeley.edu>
Source record: 270261

In article <Cuuz3p.JrJ@world.std.com>, gdallal@world.std.com (Jerry Dallal) wrote:

> Andy Domonkos (domonkos@access.digex.net) wrote:
> : I went to RS today and could not find any serial number designator on the
> : back of the scanner (4A93, etc) to help distinguish the manufacturing date
> : lot. Any tips on this? Someone posted a repsonse to this question previously.
> : Saying to look for this type of designator. Does the lack thereof mean
> : it's old stock and modifiable?
>
> It's *inside* the battery compartment.

It's also on the back of the box. At least it was/is on the one I picked up at a local RS store a couple of days ago (last one in stock!).

It is my understanding, that the way to tell if the PRO-43 is "modifiable", is to look at the FCC ID number on the back of the scanner. If there is an "A" after the FCC ID, it is NOT modifiable. Please correct me if I'm wrong.

The date code on my PRO-43 is 12A3 and it does NOT have the "A" after the FCC ID number.

Someone mentioned to me, that the last date of manufacture of the "non-A" (modifiable) version of the PRO-43 was sometime in April of 1994.

I cannot verify this. I have not tried to modify my PRO-43 and I do not have any immediate plans for doing any modifications to this scanner, and even if I did, I wouldn't tell nobuddy about it :-) ...

-- Flemming Larsen flarsen@uclink.berkeley.edu

853. Re: Questions: Digital Scanning, Cellphones, Transmissions

Newsgroup: rec.radio.scanner
Date: 1994-08-23 11:58:02 UTC
From: roh033.mah48d@rohmhaas.com
Message-ID: <roh033.mah48d-230894075445@136.141.220.39>
Source record: 270264

In article <1994Aug22.135038.17301@venus.cmc.ca>, stokes@cmc.ca wrote:

> |> >But if, and when, digital services become the standard, will that make
> |> >our scanners next to worthless, with nothing left to scan?

> To answer the reader's question: scanners are able to
> receive an incredibly large number of transmissions:
> marine, aircraft, public safety, search and rescue, fire,
> taxi, security, Mick Jagger's wireless microphone, amatuer
> radio, satelites, ambulance, public weather stations,
> military operations, air shows, cordless phones, drug
> busters and the list goes on. As services go digital over
> the next couple of decades, today's scanners will slowly
> become less versatile. Don't hold your breath though...
> these things take a lot of time.

I never even bothered doing the mod for the cell phone frequencies on my PRO-2006--listening to other people's telephone conversations is about as exciting (usually) as listening to the MacDonald's Order-Window frequency. There's a whole bunch of VHF/UHF stuff to listen to, as pointed out above, and some of it is actually fun.

--
John Taylor (W3ZID) | "The opinions expressed are those of the
roh033.mah48d@rohmhaas.com | writer and not of Rohm and Haas Company."

854. Re: Pro-37. Want to sell, how much?

Newsgroup: rec.radio.scanner
Date: 1994-08-23 12:23:03 UTC
From: Gabriel Evans <gevans@panix.com>
Message-ID: <33cpn7$6v9@panix.com>
Source record: 270265

In <CupA7o.26t1@austin.ibm.com> cbarrera@austin.ibm.com () writes:

>I have a Realistic Pro-37 that is just a few years old. It is quite
>a capable scanner, and even though it is no longer listed in the
>Radio Shack catalog, its closest (almost exact) equivalent, the Pro-39
>was selling for $299 (typical over-inflated price). Anyhow, the case
>is still in great shape and there are no problems with it, so how
>much should I try to sell it for? I would like to invest the money
>into a decent Shortwave receiver.

I sold my PRO-37 to a friend when I needed money to buy my Yupi
MVT-3100, and got $150, but I was selling to a buddy, and I'm a
sucker! Seriously though, I would think $150 give or take is a fair
price, and if I wasn't on a budget, I'd make you an offer (for all
it's wonderfullnes, the Yupi sucks in 476Mhz (NYPD).

Good luck! I'm all gung-ho for selling on Usenet, I just had a
successful sale of a ton of camera equipment I had lying around that a
local camera shop offered me $300 for, and I sold here for over $900!

--
Gabe Evans
Transplanted Mancunian
gevans@panix.com

855. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-23 12:47:12 UTC
From: lieser@iccgcc.cs.hh.ab.com
Message-ID: <1994Aug23.074712.1@iccgcc.cs.hh.ab.com>
Source record: 270263

In article <33bcp4$iku@chnews.intel.com>, Tom WB7ASR <tom_boza@ccm.hf.intel.com> writes:
>
> In article <33b8ap$htp@search01.news.aol.com>, <malxndr@aol.com> writes:
>
>> Yes, the Rat Shack folks are often droids
>
> I also find this to be true on just about all cases (what do you expect
> for employees who are paid min wage). However when I shop there, I just
> go in, get what I need, pay for it, then leave. I have the attitude
> that the employess are there only to run the cash registrar.

Makes me wonder why they'd adopt "You've got questions. We've got answers."
as their official slogan. A Radio Shack salesman once asked me if the
49 MHz walkie-talkies picked up cellular phones. Another tried to tell me
that the antenna wire that came with a small pocket radio was an earphone.
Their slogan should be "You've got money. We've got some stuff here to sell."

Ed Lieser

856. Grove Interference Eliminator

Newsgroup: rec.radio.scanner
Date: 1994-08-23 13:04:57 UTC
From: ah595@cleveland.Freenet.Edu
Message-ID: <33cs5q$ns3@usenet.INS.CWRU.Edu>
Source record: 270266
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Does anyone have any feedback on the Grove Interference Eliminator for scanners and shortwave? I'm thinking of getting one. There is a AM station about four miles from my house. I'm wondering if one of these would help.

Thanks,
Eric

857. Re: Can all BC200XLT's be modified?

Newsgroup: rec.radio.scanner
Date: 1994-08-23 14:51:40 UTC
From: msp@prism1.com
Message-ID: <CuztA5.MK9@prism1.com>
Source record: 270138

Andrew V Routt (rout0003@maroon.tc.umn.edu) wrote:
: Look for the small silver rectangle
: labelled "103" in the same spot as the one in the mod file (I was told
: that this means 10 x 10^3 or 10k). When you find the resistor, use a sharp
: X-acto knive and *carefully* cut the copper trace on the circuit board
: between the CPU and the resistor to restore the skipped 800Mhz freqs. I
: was told that this did the same thing as clipping the resistor, however,
: it wasn't as destructive to the board.

I did exactly this, under the assumption that it would be easier to undo, if ever necessary. It worked fine.

Of course, the scanner increments these freqs by .0125 which results in infrequent exact hits of the .03 steps in use, although reception on the nearest freq the scanner will accept *seems* fine.

I assume there is no way (and probably no real need) to alter the increment... Anybody able to shed any light on this topic?

--
Best Regards,

Mark S. Patrick | For e-mail: Don't use the header.
Prism Computer Applications, Inc. | Use: prism1!msp@ncoast.org

858. Re: Why is there alt.radio.scanner AND rec.radio.scanner?

Newsgroup: rec.radio.scanner
Date: 1994-08-23 15:13:40 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <33d3n4$ea0@thecourier.cims.nyu.edu>
Source record: 270131

In article <33bq75$1ev@nic-nac.CSU.net>, g9153402@huey.csun.edu (Berton Corson) writes:
|> Keith Rowland (keithr@primenet.com) wrote:
|> > Why is there alt.radio.scanner AND rec.radio.scanner? And why are there many
|> > cross posted news articles?

an rmgroup was supposed to go out 9/23/93, right after
the rec. one was formed. If it did, my sysadmin ignored
it, as did many others, based on the traffic.

There used to be a longer cycle before the same questions
were regurgitated on a.r.s. That no longer seems to hold
true, though. At least it's not as bad as r.r.s... yet.

Can anyone post a listing weekly, specifying brand names,
model numbers, yes/no for triple conversion, and cell modifyable?

Brand Model Triple? Cell-Mod? Notes
Realistic Pro34 X Discontinued
Pro43 X X Only up to a specific serial #
Pro2006 X X *All* 2006's and 2006A's
Bearcat 8500XLT X

and then throw something like

"The ECPA banned casual monitoring of pagers and cellular
telephones back in 1986. The '93 amendment banned manufacture and
import of cellular capable and easily modifyable scanners
after 4/23/94. All remaining stock can be sold until done."

at the end. All that will be left will be people that post
without reading the unexpired articles, and we can't do too
much about them.

Agree/Disagree?
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

859. Pro-44??????

Newsgroup: rec.radio.scanner
Date: 1994-08-23 15:19:01 UTC
From: jdiem@netcom.com
Message-ID: <jdiemCuzuJp.5HA@netcom.com>
Source record: 270269

I'll try this again as my last post was mysteriouusly deleted! I recently
purchased a Pro-44 and am now having buyers remorse. My question is,
what are the pro's and con's about this unit. Also is there anyone who
can E-Mail me a mod for this unit. Thanks in advance for your help!
--
"""

jdiem@netcom.com

860. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-23 15:28:39 UTC
From: ericr@vcd.hp.com
Message-ID: <Cuzuzs.6MI@vcd.hp.com>
Source record: 270267

Of course, my favorite is that the PRO-51 is better than the PRO-43 because it scans faster. It also receives just as well or better. The warning is that you should go into the store armed with knowledge of what you want or need.

My biggest gripe is that the stores tend to keep the inventory a tad too low and always seem to be out of things. I hardly ever get to make a trip to the store without either waiting for a shipment or special ordering something. Combine that with the lack of salesman knowledge, I am better off mail ordering from a place like Newark.

--
Eric Ross, WB7SDE | Hewlett-Packard Company, VPR
ericr@vcd.hp.com | Vancouver, WA, USA

861. Re: Pro-43 vs Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-08-23 15:32:29 UTC
From: ericr@vcd.hp.com
Message-ID: <Cuzv65.6ql@vcd.hp.com>
Source record: 270268

Except for portability the Pro-2006 beats the Pro-43 hands down.

1) more memories
2) better audio
3) enhanceability (computer port add-on)
4) I experienced better selectivity, but it may not necessarily be true for
all radios.
5) WFM (if you like listening to TV(VHF band), you need this)

--
Eric Ross, WB7SDE | Hewlett-Packard Company, VPR
ericr@vcd.hp.com | Vancouver, WA, USA

862. 2006 Original Equip Antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-23 15:45:12 UTC
From: hwang@netcom.com
Message-ID: <hwangCuzvrC.43C@netcom.com>
Source record: 270272

I just received my Pro 2006 and was wondering, is the performance of the original antenna really bad? Or is something wrong with my new scanner?

I have been using a Pro 46 with RS's all-band center load antenna and it seems to pull in many more signals than the 2006 with its original whip. I did try the all-band on the 2006 and it seemed to improve, but I didn't do any rigorous testing since the combination was unwieldy with the antenna sticking straight out the back and I didn't have a right angle connector handy at 1am in the morning. :-)

Anyways, I was hoping to draw upon the net-experience to confirm that the stock antenna is crummy, and not that my scanner is defective! :-)

Thanks!

--

Ed Hwang hwang@netcom.com
San Jose, California

863. Re: Why is there alt.radio.scanner AND rec.radio.scanner?

Newsgroup: rec.radio.scanner
Date: 1994-08-23 15:49:18 UTC
From: kjn@netcom.com
Message-ID: <kjnCuzvy6.3EH@netcom.com>
Source record: 270273

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: In article <33b29i$g10@search01.news.aol.com> scan911@aol.com (SCAN911) writes:

: >both newsgroups. Anyone know how to get rid of a newsgroup???

: >Chuck
: >scan911@aol.com

: Yes. It requires everyone to send a message to the administrator of their own
: news site and tell them to remove this group (alt.r.s). As long as people
: keep posting to it, it will live on.

Even *that* will not get rid of the newsgroup. The newsgroup will survive
but your access to it may terminate because it was no longer offered by
your host.

If your concerned about the access time consider that the only difference
would be small amount of time it takes to select the group to read. If
the messages were combined the total bandwith would be the same... hence
the same amount ot time to screen them.

But yes, it does seem to be a waste...
--
Ken Navarre
kjn@netcom.com

864. Pro34 Mod unsuccessful (sorta)

Newsgroup: rec.radio.scanner
Date: 1994-08-23 16:04:21 UTC
From: daiv@iglou.iglou.com
Message-ID: <1994Aug23.160421.20713@iglou.com>
Source record: 270274

A friend of mine just performed the mod on his Pro34 to restore all
of 800 MHz and 66 - 88 MHz by moving the diode from D11 to D9.
After doing this, the 800s are all there, but the lowest it will go
now is around 72 MHz (sorry, I can't remember exactly). Not even
the 30-54 range will work anymore. Is this a side-effect of this
mod, or did he maybe do something wrong, and if so, what?
Any hints will be greatly appreciated.

--

Daiv Stoner | A day without sunshine is like
daiv@iglou.com | night.

865. Re: 900 mhtz phones

Newsgroup: rec.radio.scanner
Date: 1994-08-23 16:11:38 UTC
From: horak@convex.com
Message-ID: <33d73q$jo6@eugene.convex.com>
Source record: 270125

In <osborne-2208942315390001@slip201.bga.com> osborne@bga.com (Aaron Osborne) writes:

>The range is greater than the tropez and I can clip it to my belt as I
>walk to my apartment mailbox or trash dumpster (~250 yds). The tropez
>didn't quite make it to the mailboxes at ~150 yds. The only problem I have
>with the uniden is a bit of an echo (only at my end) that uniden says is a
>by-product of the ss technology. I don't know if that's true or not but it
>is a bit annoying. Also, there are only two volume levels which aren't
>loud enough for me when my stereo is on. There are some other nice
>features like intercom, monitor call, hold, etc. It's a good phone.

I tried the uniden at a local store and it does have an annoying echo.
My Tropez is pretty clear and the range is great but I can't compare
the range with any other 900 MHz phone. The salesman I talked to said
the Uniden had greater range. Once in a while, my Tropez won't ring
and I hear my answering machine going off when I get a call. I don't
have my ringer equivelent maxed out so I don't know what the problem
is. Also, the Tropez has an lousy *feature* of polling the base every
10 seconds or so to see if it is out of range. This runs the batteries
down if you leave the phone off the base overnight. Fully charged, I
get about 2 to 2 1/2 hours talk time max. The manual says I should get
4 hours. I'm not extremely happy with mi Tropez but it was a lot
cheaper than the other 900 MHz phones I looked at. I got it for $189.

David

866. Re: PRO-51 secrets help

Newsgroup: rec.radio.scanner
Date: 1994-08-23 16:12:38 UTC
From: davion28@netcom.com
Message-ID: <davion28Cuzx13.427@netcom.com>
Source record: 270127

Lance Kurt Van Landuyt (lonewolf@connected.com) wrote:
: As I bought a Radio Shack Pro-51 scanner yesterday, the salesguy
: was trying to show me ho to do this 3-key sequence that if I hold
: them before I turn it on, it would enable me to do a complete
: search of ALL the 800 mhz frequencies! He forgot what it was. It
: was 9-(something)-LOCKOUT. He said a customer saw it in a JULY
: issue of a scanner magazine. Does anyone know the correct
: sequence? Any help would be GREATLY appreciated! Any other
: secrets regarding the pro-51 are also welcomed. Thanks for your
: time.

lockout, 2, and 9

867. Controlling 2006 w/computer Information Wanted

Newsgroup: rec.radio.scanner
Date: 1994-08-23 16:24:29 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <33d7rt$hq0@paperboy.gsfc.nasa.gov>
Source record: 270271

I've been scanning for a while now an would finally
like to hook my 2006 to my IBM. If you have done this
and used the OPTO card or similiar card to do this
could you please drop me a note and let me know how
easy the mod was, what options you use mostly with the
software package, which software package and card you use
any drawbacks, Any discount stores to get the card.
basically anything you can tell me about computer control
of the pro2006 would be appreciated. Thanks in Advance.

868. satellite times != monitoring times

Newsgroup: rec.radio.scanner
Date: 1994-08-23 16:59:08 UTC
From: jqtaylor@boi.hp.com
Message-ID: <Cuzz6L.KDz@boi.hp.com>
Source record: 270126

i just rcvd the vol 1 num 1 issue of satellite times, which is the
replacement magazine for monitoring times. gone are the articles on
scanners, short wave, pirate radio info, mod's, antennas, etc.
i suspect my back-issues of MTimes just went way up in value.....

--
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MDT = GMT - 6) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 230 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

haiti, rwanda, cuba, bosnia, ... we have a list,
where is our schindler?

869. Dead battery pack for BC2500?

Newsgroup: rec.radio.scanner
Date: 1994-08-23 22:06:27 UTC
From: xxss525@chpc.utexas.edu
Message-ID: <33drt3$ob9@mintaka.chpc.utexas.edu>
Source record: 270128
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hi,

I am looking for a dead battery pack for a Bearcat 2500.
Does anybody have one that they would be willing to sell to
me? Or does anybody know where I might be able to locate
one? Any information would be appreciated. Please reply soon
becouse I will only be at my current job until the end of
August. After that I have no idea.

Thanks,

--Stephen

==
--Stephen Hall ma_bellnet: (512)471-2459
University of Texas Systems internet: xxss525@chpc.utexas.edu
Center for High Performance Computing
> > > > > > > > > > > > > > Visualize Whirled Peas! < < < < < < < < < < < < < <

870. Re: clear memory of 200XLT

Newsgroup: rec.radio.scanner
Date: 1994-08-23 22:51:38 UTC
From: dwilson@ac.brocku.ca
Message-ID: <1994Aug23.225138.26854@spartan.ac.BrockU.CA>
Source record: 270129

John Warnick (jwarnick@flaixy.amsinc.com) wrote:
: I tried clearing the memory of my Bearcat 200xlt by removing the battery
: (for three days!) but the memory did not clear. Does anyone know the
: keyboard sequence to clear the memory?
: thanks -jw

--
While holding down the following buttons 2, 9 and MANUAL, turn your scanner
on. This sequence will erase all memory and reset your 200xlt.

==========
D. Wilson Email: dwilson@dewey.ed.brocku.ca

871. MDT Dispatch SW?

Newsgroup: rec.radio.scanner
Date: 1994-08-24 00:32:27 UTC
From: pthompson@walnut.prs.k12.nj.us
Message-ID: <1994Aug23.203227.1026977@walnut.prs.k12.nj.us>
Source record: 270158

I have recently been hearing discussion on an area frequency where the police are using a system that allows the patrol cars to look up DMV, etc... info from the cars, and the dispatcher can send messages, know locations of cars, and status of officers. I thought they called it "MDT" at one point.

Anyone know anything about this? What it can do? Do they really know where the cars are physically with it?

Thanks

==========
Peter C. Thompson Phone: 609-683-4480
District Technical Coordinator Fax: 609-683-8622
Princeton Regional Schools pct@walnut.prs.k12.nj.us

872. Brown dot/yellow dot

Newsgroup: rec.radio.scanner
Date: 1994-08-24 02:42:06 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug23.214206.2808@hnrc.tufts.edu>
Source record: 270136

The Aug MT lists brown dot as 464.5 and yellow dot as 464.55.
My Mass scanner guide lists them as 454.5 and 454.55. I haven't
heard any traffic on any of these frequencies. Would someone tell
me which frequencies are correct?
Thanks.

873. Ignore

Newsgroup: rec.radio.scanner
Date: 1994-08-24 03:25:35 UTC
From: bmc <70473.1567@CompuServe.COM>
Message-ID: <33eejforn1@mhadf.inhouse.compuserve.com>
Source record: 270134

```
Test only
(CompuServe has usenet)
```

874. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-24 03:34:14 UTC
From: crisp@netcom.com
Message-ID: <crispCv0sL3.A3p@netcom.com>
Source record: 270132
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <gRa1qc2w165w@opus-ovh.spk.wa.us> bmork@opus-ovh.spk.wa.us (Brian) writes:
>domonkos@access.digex.net (Andy Domonkos) writes:
>
>> > There is a dangerous aspect to this that some may be overlooking. I have s
>> > a couple of postings that defend this proposal because of the phrase "to
>> > obtain unauthorized access to telecommunications services." What exactly
>
>> Under the new crime bill, there are 20 more crimes punishable by the
>> death penalty, hope cell scanning isn't one of them :-)
>
>What's really scary is that the bill, as originally written and
>supported, layed out quotas for the death penalty! "Nope, too many
>xxxx race killed this year, so you must not be guilty." EEEE GAAADDS!!
>
This has nothing to do with radio, but I'll say it anyway:

I will agree to your death penalty racial quotas
if the various races will agree to murder quotas.
So if blues comprise 20% of the population, we
we will make sure that no more than 20% of the
people executed are blue. This is in return for the
Blue people agreeing to do no more than 20% of the
murders.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

875. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-24 03:36:58 UTC
From: crisp@netcom.com
Message-ID: <crispCv0spn.AG2@netcom.com>
Source record: 270135
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <eya1qc3w165w@opus-ovh.spk.wa.us> bmork@opus-ovh.spk.wa.us (Brian) writes:
>RWH@CCCS.UMN.EDU (Richard Hoffbeck) writes:
>
>> After rereading the actual bill, it seems that they are also setting up the
>> possibility that simply owning certain combinations of equipment may become
>> illegal, i.e. possession implies intent -- Why would you own a scanner,
>> soundblaster card and E-PROM burner unless you were planning to clone as
>> cellphone? The burglar tools of the '90s :-(
>
>YES YES YES... This is the key issue. Don't you see this so many
>other places in our recent law? I'm particularly put back by "hate
>laws." You get punished more because of what they think you think.
>This is ridiculous
>
>Punish someone for what they do. Else look what develops:
>Our constitution says "free speech", so, hey, let's circumvent that part
>and directly make free thought punishable.

Just remember that posession of internal parts for a firearm silencer
is perfectly legal. Just dont be in possession of a tube too. Concurrent
possession of both is possession of a silencer irrespective of whether
or not they are assembled or even if the tube is a finished tube.

So.....
Got a PC, got a serial port in it, got a scanner? GO TO JAIL

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
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"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

876. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-24 04:06:58 UTC
From: crisp@netcom.com
Message-ID: <crispCv0u3n.DJ1@netcom.com>
Source record: 270139
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <1994Aug18.001837.23057@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>
>How do you get it back? You go into court and sue to prove that it was
>not intended for illegal purposes. Note that you would probably not even
>be charged with a crime - the confiscation is a civil confiscation, not
>a criminal confiscation. Sound far fetched? Check out the drug seizures.
>It is pretty hard to defend yourself, when everything you own has been
>confiscated as "tainted", including your checking and savings accounts.
>Even if you win, you can be out tens of thousands of dollars.
>
>Bill

Not only that, but you have to post a bond equal to 10% of the value of the goods in order to be able to sue to get the stuff back. If they take everything including your bank accounts like they do for cases where they THINK drugs are involved, where are you supposed to have cash around to post sucha bond. I think you must post the bond within 2weeks or so. I am a bit fuzzy on the particulars regarding exact procedure and the timing, but is required that a 10% bond be posted.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
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-Will Rogers

877. Re: Pro-43 vs Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-08-24 04:17:24 UTC
From: tharrell@nmsu.edu
Message-ID: <33ehkk$4bo@dns1.NMSU.Edu>
Source record: 270141

Eric Ross (ericr@vcd.hp.com) wrote:
: Except for portability the Pro-2006 beats the Pro-43 hands down.

: 3) enhanceability (computer port add-on)

Wasn't there an HB-232 kit for the Pro-43? If so, is it still available?
--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\--/

878. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-24 04:17:30 UTC
From: crisp@netcom.com
Message-ID: <crispCv0uL7.F6y@netcom.com>
Source record: 270140
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <1994Aug18.003914.23779@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>g9153402@huey.csun.edu (Berton Corson) writes:
>:
>: Sad, but may be true. I haven't heard local law-enforcement (L.A. area)
>: ever cry about criminals and gangs having scanners to evade the law. They
>: probably have ways of incrypting data if they're into something super-
>: sensitive. And you don't see gangs roaming the streets while having to
>: be occupied with the buttons on a scanner to see if the police are after
>: them. That would just slow them down. If any sort of huge scanner ban
>: is ever enacted, you would probably hear huge screams from the media
>: (TV, radio, newspapers) who are big-time scanner users in finding and
>: reporting news stories.
>
>Nope. An exemption will be written for the news media - to keep them
>quiet. The control freaks in congress are not stupid - they know how
>to manipulate the media.
>
>Bill

If you don't believe the part about manipulating the media, explain to me how come most Americans believe more people die each year as a result of being shot by an assault weapon than die as a result from a car accident?

here are some stats:

deaths due to firearms of all kinds (including murder, justifiable homicide, suicide accidents) ~25K

deaths to due auto accidents ~50K

deaths due to cirrohis ~25K

deaths due to smoking related illnesses
~400K

deaths due to beestings ~300

deaths due to being shot by assault weapons
~75

-The reason I quote this stuff is that we are being lied to and deceived by a bunch of well meaning crybabies and the media is just going along for the ride. I mean, they wouldn't want to jeopardize their white house press credentials would they?

So don't be so quick to assume the media is our omniprescent guardian of truth, justice and the American Way (tm). These bozos know which side of their bread is buttered and by whom. Do not forget it. Besides they all went to journalism school at Bezerkely in the Peace, Love, Dope '60s (TM) with half of the current administration. They stood in the same lines in the protest rallies and carried the same signs and burned their draft cards together. HEll they probably all bought and sold dope to each other.

Now which side of the political fence do you think they are on?

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

879. Can I fix this problem? PRO-34

Newsgroup: rec.radio.scanner
Date: 1994-08-24 04:18:05 UTC
From: GRIDE@UCSVAX.UCS.UMASS.EDU
Message-ID: <33ehlt$6fj@nic.umass.edu>
Source record: 270137
Cross-posted to: alt.radio.scanner,rec.radio.scanner

This question is for the serious Radio Shack scanner hacker, or maybe
one of the guys that designed it.

I have a PRO-34 that says it covers like 30-54 MHz in addition to all of the
other fine freq's. It does not. I got it a week ago, secondhand, and I
immediately modded for full 800 MHz. I did not restore 66-88 MHz. I noticed
the next day that I got "Error" when I tried to program in 49.000 for
a limited scan range. I cannot get, manually or automatically, 30-54
MHz to work.

I do not know if it was working when I got it. In an effort to get it to work,
I didn't try 30-54 MHz. I re-opened it today and made the restoration of
66-88MHz, in hopes that replacing the diode would make 30-54 come back.
No dice. I do get Euro radio channel range now (that's what I think 66 to
88 is), but no 30-54.

In short, does anyone know what is wrong w/my scanner? Did I screw it up
(that sucks)? I mean, either way I am stuck with it, but would feel a
little better if I did not dog the thing myself. Let me know if you
are knowledgeable enough to have an insight. Thanks.

Andrew

880. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-24 04:34:57 UTC
From: crisp@netcom.com
Message-ID: <crispCv0vE9.Ju4@netcom.com>
Source record: 270142
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <32vsvf$5ij$1@garnet.msen.com> tti@garnet.msen.com (Kenneth W. Hoehn) writes:
>
>Perhaps the doomsayers or this group could spend some time on the phone
>with their congressional reps, stating how they feel in simple, rational
>(?) terms, rather than preaching to the choir here.
>

What makes you think that this has not been done? I foro one have called
Don Edwards (the house sponsor) and let his staff know why this is a
problem.
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
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For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

881. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-24 04:43:57 UTC
From: crisp@netcom.com
Message-ID: <crispCv0vtA.KpD@netcom.com>
Source record: 270143
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <3314i0$55h@crl3.crl.com> jaylgold@crl.com (Jay Goldberg) writes:
>David Feustel (feustel@netcom.com) wrote:

>Criminal intent is not necessary under a general intent crime in
>California. Look at the Health and Safety Code violations. Possession
>is 9/10 of the law and 9 out of 10 times, you'll be arrested for mere
>possession even if you did not intend to use it, sell it, or give it
>away. If a bill makes law after being signed by the Governor or
>President, a mere possession can be illegal!
>
>Jay
>

Just to add a bit to this. It is one thing to be arrested and quite
another to be indicted and convicted. Many cops take the postion (especially
if you look like a sleaze ball to them) of arrest them all and let the
courts sort them out. Just because you are not technically guilty of
a crime such as having fraudulent intent to commit anauthorized access
to a telecommunications service, does not prevent you from being
arrested and your equipment being seized as "evidence".

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

882. Re: Pro34 Mod unsuccessful (sorta)

Newsgroup: rec.radio.scanner
Date: 1994-08-24 04:59:59 UTC
From: BAUDEBR96%CS40@cadetmail.usafa.af.mil
Message-ID: <BAUDEBR96%CS40.59@cadetmail.usafa.af.mil>
Source record: 270133

In article <1994Aug23.160421.20713@iglou.com> daiv@iglou.iglou.com (Daiv Stoner) writes:

>A friend of mine just performed the mod on his Pro34 to restore all
>of 800 MHz and 66 - 88 MHz by moving the diode from D11 to D9.
>After doing this, the 800s are all there, but the lowest it will go
>now is around 72 MHz (sorry, I can't remember exactly). Not even
>the 30-54 range will work anymore. Is this a side-effect of this
>mod, or did he maybe do something wrong, and if so, what?
>Any hints will be greatly appreciated.

>--
>---
>Daiv Stoner | A day without sunshine is like
>daiv@iglou.com | night.

I tried the same mod and got the same results.
Will installing another diode back to D9 as well as D11 solve this problem?

-Brian Baude

883. Re: Grove Raises 2006 Price!

Newsgroup: rec.radio.scanner
Date: 1994-08-24 05:06:26 UTC
From: mc@shore.shore.net
Message-ID: <33ekgi$q42@shore.shore.net>
Source record: 270144

I also wanted to buy one from MaryMac a few weeks ago and when I called they had upped the price too. So Grove isn't the only greedy one out there.

884. *** MOBILE SCANNER WANTED ***

Newsgroup: rec.radio.scanner
Date: 1994-08-24 05:12:58 UTC
From: blade@crash.cts.com
Message-ID: <Cv0x5n.HK6@crash.cts.com>
Source record: 270151

I am wanting to put a mobile scanner in my TOYOTA 4X4. Any recommendations on brand model type?

Thanks

Robert

885. Re: Update: Newly revised "Scanner Ban" bill

Newsgroup: rec.radio.scanner
Date: 1994-08-24 05:37:49 UTC
From: crisp@netcom.com
Message-ID: <crispCv0yB2.1r3@netcom.com>
Source record: 270145
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <CuLH62.2Es@avalon.chinalake.navy.mil> Daniel Warren
<WarrenD@env05.chinalake.navy.mil> writes:
>In article <crispCuFAK0.3oo@netcom.com> Richard Crisp, crisp@netcom.com
>writes:
>
>[a long discussion of a proposed bill to restrict scanning deleted]
>
>Unfortunately, this excellent discussion does not contain the Bill
>Number, something which would be nice to have if you plan on contacting
>your congressman. Anyone know what it is?

It is HR3822. The original info I found did not have the bill number but
our fellow worrier, Mr. Glover, was good enough to send the bill number
to me. I believe it is called the Digital Telephony Bill.

--
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-Will Rogers

886. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-24 06:01:39 UTC
From: crisp@netcom.com
Message-ID: <crispCv0zEs.3Fp@netcom.com>
Source record: 269554
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

In article <CuL1L6.5MJ@rci.ripco.com> glr@ripco.com (Glen Roberts) writes:
>FD> they were being monitored by average citizens out there and we wanted
>FD> to get her comments on, the use of radio telephones from Air Force
>FD> One and the public listening in.

I'm sure Glen had a grand old time making this call. But I would like]
to ask him and others to please refrain from doing this dort of thing.

If you were Prez Dude Bill and heard this story, how would you feel
if some scanner owners contacted you and asked for your support
in overturning the ECPA86 the Cell Capable Scanner Ban of 92 or
the pending HR3822 (Digital Telephony Bill)? I don;t think you
would get any action at all from him that will help. Rather they will
be very pissed and determined to once and for all get this scanner stuff
outlawed.....

--
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-Will Rogers

887. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-24 06:09:21 UTC
From: crisp@netcom.com
Message-ID: <crispCv0zrL.40D@netcom.com>
Source record: 269553
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

In article <32pt0r$5qs@hollywood.cinenet.net> maustin@hollywood.cinenet.net (Mark Austin) writes:
>Kenneth J Morrill (kmorrill@strauss.udel.edu) wrote:
>: In article <CuL1L6.5MJ@rci.ripco.com>, Glen Roberts <glr@ripco.com> wrote:
>
>: >FD> Are the phones on that plane presented to the users of them as
>: >FD> being private phone calls or are they being presented as being gee
>: >FD> there are 12 million people with police scanners that can tune in.
>
>: Yet, who will be the first to call his cordless neighbors to ask
>: the kinds of questions that Glen Roberts had the courage to ask
>: the White House? What kind of stout character is required to end
>
>Courage!??? This guy just wants a little debate to follow a rediculous
>waste of his time. Then he can claim he's 'making us think' (or
>whatever excuse he claimed for his SSN database farce). A legend in
>his own mind.
>

So tell us about the SSN farce!

--
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-Will Rogers

888. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-24 06:16:02 UTC
From: crisp@netcom.com
Message-ID: <crispCv102q.4JE@netcom.com>
Source record: 270147
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

In article <32rfqs$f92@lia.bga.com> bladex@bga.com (David Smith) writes:
>
>So the only reason he'd be asking for this information is to, of course,
>make the White House look like silly nillies.
>

And we certainly don't need Glen to do this: they do it daily with no
help from anyone else :-)

>No one has mentioned this....but can one scan the Air Force 1 channels
>and listen to Clinton speak? Why type of communication gear are they
>using, anyway?

Yes you can listen to certain AF1 comms in the clear. However I
don't feel like saying much more about this until this 'Bannit" madness
in Washington goes away. Looks like that may be awhile.
--
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-Will Rogers

889. GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-24 06:24:00 UTC
From: holtzman@shazam.ecs.csus.edu
Message-ID: <33ep20$96l@csusac.ecs.csus.edu>
Source record: 270146
Cross-posted to: rec.radio.scanner,alt.radio.scanner,

Does anybody know of any good places to look for information on GMRS info?
License requirements, power levels, frequency ranges, etc? I see stuff
on the ham groups sometimes. Any info would be appreciated.

James Holtzman kc6ncg (holtzman@shazam.ecs.csus.edu)

890. Re: Freq for portland oregon

Newsgroup: rec.radio.scanner
Date: 1994-08-24 06:27:44 UTC
From: crisp@netcom.com
Message-ID: <crispCv10M8.5B2@netcom.com>
Source record: 270148
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <benchr.94.00795F3E@teleport.com> benchr@teleport.com (Ross Bench) writes:
>
>
>Howdy,
>
>I'm trying to locate the TAC-II frequency that the Portland Oregon police use..
>
>Any help would be greatly appreciated.
>
>

buy a copy of Police Call from Radio Shack???

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
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-Will Rogers

891. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-24 07:02:36 UTC
From: crisp@netcom.com
Message-ID: <crispCv128G.7nD@netcom.com>
Source record: 270149

In article <orion1.777560065@isum1.iastate.edu> orion1@iastate.edu (Alex O Leu) writes:
>quiet down. I feel sorry that you have such a poor opinions of cops,

We usually acquire our opinions based on experience. It is too bad that
so many bad cops are around as it spoils their reputation for all.

>because without them we would all be in a world of hurt. You are right law
>enforcement isn't like on TV. It is 90% boredom and 10% terror, but
>remember that 10% may be the ultimate scarifice(i.e. his/her life).
>

Just remember that no one is forcing anyone to be a cop. You know the
hazards, you know the working conditions, it is your choice. Do not
expect any compassion or sympathy from me. If you chose to be a
mercenary and wind up being executed (like Daniel Gearhart was in Angola
in 1976), it is not like you did not understand the risks. Cops are a
macho sort by nature, just like soldiers. They get excited by tension
pressure and violence. They are attracted to the job. So don't whine
about the risks etc. It is your choice.
--
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-Will Rogers

892. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-24 07:07:29 UTC
From: crisp@netcom.com
Message-ID: <crispCv12GI.7z8@netcom.com>
Source record: 270150

In article <33akvs$c3m@search01.news.aol.com> wwhitby@aol.com (Wwhitby) writes:
>
>On the other side of the coin, my next-door-neighbor is a city cop. He is
>frustrated about not being promoted and paid next to nothing. What does
>he do? He is a bully. He teaches his kids how to beat up other kids
>(He's a black belt). He is a wife beater and has had several fights (fist
>and verbal) with his wife outside. When he yells at his kids, you can
>hear it two houses away! He has an attitude. A violent attitude that
>makes me want to stay as far away from him as possible.

If what you say is true, there should sufficient grounds for kicking this
guy off the force and even putting him in the can for a bit of time.
If he really does smack his wife around and there are witnesses to
back up the story, it seems improbable that he could avoid disciplinary
action. Of course then you would have to live next door to an unemployed
criminal which may make things worse especially if he knew that you had
a role in his ne status. I would advise moving.

--
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893. Re: Any Uniden MR8100A Owners???

Newsgroup: rec.radio.scanner
Date: 1994-08-24 08:05:43 UTC
From: aubert@netcom.com
Message-ID: <aubertCv155K.sM@netcom.com>
Source record: 270152

Keith Rowland (keithr@primenet.com) wrote:
: Anyone have an opinion on the Uniden MRB8100 mobile scanner. Good or bad
: comments would be helpful before I decided to buy one or not.

: Thanks for reading this, and thanks in advance for your comments.

: Keith KG7EL in Mesa, AZ

I've owned the MR8100 for about 6 months. Generally, I'm not pleased with
it. Too much intermod. Also, I've come to realize that lack of a
search function and only 100 channels are too much of a handicap.
I really do like the alpha display, but the shortcomings really outweigh
the display. My recommendation would to look at another model.

Let me know if you have any other questions

--
Dante

894. Re: 2006 Original Equip Antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-24 08:08:43 UTC
From: aubert@netcom.com
Message-ID: <aubertCv15AJ.xs@netcom.com>
Source record: 270153

: Anyways, I was hoping to draw upon the net-experience to confirm that the
: stock antenna is crummy, and not that my scanner is defective! :-)

Check the attenuator switch on the back of the scanner, it may have
been accidentally switched on!

--
Dante

895. Re: Wanted 2022

Newsgroup: rec.radio.scanner
Date: 1994-08-24 08:40:46 UTC
From: ligosa@pipeline.com
Message-ID: <33f12e$gla@pipe1.pipeline.com>
Source record: 270154

there is a 2022 at a radio shack near me for $ 169

email me if you want it,
we'll make arrangments

chris

shotokan@mcs.com (Dennis Perez) wrote:

>
>I was told that a RS 2022 was an excellent scanner to
>use. I am involved in a community policing group that
>want to monitor 400-500 Mz and 800 Mz in the Chicago
>13th and 14th District for responce times on police
>calls. Also, we want to identify Hot Spots of SA's
>(special attention) to the mayor's office. We plan to
>tape the calls off the scanner and time stamp the tape
>and compare that to physical complaint card on calls
>that our members generate.
>
>Anyway if there is a 2022 out there I would interested
>in buying it. E-Mail me!

896. Re: satellite times != monitoring times

Newsgroup: rec.radio.scanner
Date: 1994-08-24 11:32:02 UTC
From: malxndr@aol.com
Message-ID: <33fb3i$oll@search01.news.aol.com>
Source record: 270155

In article <Cv07Iw.3BM@boi.hp.com>, jqtaylor@boi.hp.com (John Quill Taylor) writes:

I rec'd a copy of the new ST too. Good idea, badly executed, IMHO. You think the fact that Icom took at several ad pages, including the back cover touting an IC820H, had anything to do with the favorable review of the IC820H inside? I can't tell where the advertising stops and the editorial begins.

897. Re: Update: Newly revised "Scanner Ban" bill

Newsgroup: rec.radio.scanner
Date: 1994-08-24 11:39:31 UTC
From: pffinch@cerfnet.com
Message-ID: <pffinch.78.000BA8F3@cerfnet.com>
Source record: 270167
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

>In article <CuLH62.2Es@avalon.chinalake.navy.mil> Daniel Warren
<WarrenD@env05.chinalake.navy.mil> writes:
>>In article <crispCuFAK0.3oo@netcom.com> Richard Crisp, crisp@netcom.com
>>writes:
>>
>>[a long discussion of a proposed bill to restrict scanning deleted]
>>
>>Unfortunately, this excellent discussion does not contain the Bill
>>Number, something which would be nice to have if you plan on contacting
>>your congressman. Anyone know what it is?

Richard Crisp writes:

>It is HR3822. The original info I found did not have the bill number but
>our fellow worrier, Mr. Glover, was good enough to send the bill number
>to me. I believe it is called the Digital Telephony Bill.

I just telnetted to the Library of Congress.

HR3822 is basically an IRS bill giving tax breaks for the construction of new
marine vessels.

Phillip Finch (pffinch@cerfnet.com)

898. Other mods for the BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-08-24 12:29:11 UTC
From: dbarkley@sun1.iusb.indiana.edu
Message-ID: <Cv1HCo.5D8@sun2.iusb.indiana.edu>
Source record: 270075

Hi everyone,

I've been reading this newsgroup for quite some time now and due to my lack of applicable knowledge I've just picked up a few hints here and there for my scanning adventures. My question to the group is what other mods can be done to my 200XLT? I've restored the full 800 band already. I've seen other modifications for increasing volume, eight hour battery, high speed scan (45CPS), "lite" scan???, and I think something to do with the actual light.

I've tried to download some mod files from one of the FTP sites quite a few times but I can't read them once I have them on my PC. I've tried going back and forth between binary and ascii modes to no avail.

Oh yeah, another thing. I love to use my scanner at the races and I'm looking for a pair of headphones. I can get a decent pair from Racing Electronics for around forty dollars. Can I get a better price elsewhere? Thanx!

DB

899. Re: Can I fix this problem? PRO-34

Newsgroup: rec.radio.scanner
Date: 1994-08-24 12:51:57 UTC
From: daiv@iglou.iglou.com
Message-ID: <1994Aug24.125157.21546@iglou.com>
Source record: 270156
Cross-posted to: alt.radio.scanner,rec.radio.scanner

GRIDE@UCSVAX.UCS.UMASS.EDU (ANDREW S GELINA) writes:

>This question is for the serious Radio Shack scanner hacker, or maybe
>one of the guys that designed it.

>I have a PRO-34 that says it covers like 30-54 MHz in addition to all of the
>other fine freq's. It does not. I got it a week ago, secondhand, and I
>immediately modded for full 800 MHz. I did not restore 66-88 MHz. I noticed
>the next day that I got "Error" when I tried to program in 49.000 for
>a limited scan range. I cannot get, manually or automatically, 30-54
>MHz to work.

>I do not know if it was working when I got it. In an effort to get it to work,
>I didn't try 30-54 MHz. I re-opened it today and made the restoration of
>66-88MHz, in hopes that replacing the diode would make 30-54 come back.
>No dice. I do get Euro radio channel range now (that's what I think 66 to
>88 is), but no 30-54.

>In short, does anyone know what is wrong w/my scanner? Did I screw it up
>(that sucks)? I mean, either way I am stuck with it, but would feel a
>little better if I did not dog the thing myself. Let me know if you
>are knowledgeable enough to have an insight. Thanks.

> Andrew

Same thing happened to a friend of mine earlier this week. His
definitely *was* getting 30-54 until he did the mod. I asked on
rec.radio.scanner if this was a known side effect of the mod, but
so far I haven't had any answers. I'd also like to know what the
deal is here.

--

Daiv Stoner | Things are more like they used to be
daiv@iglou.com | than they are now.

900. Re: frequency guides

Newsgroup: rec.radio.scanner
Date: 1994-08-24 13:33:03 UTC
From: miltf@ux1.cso.uiuc.edu
Message-ID: <33fi6f$59f@vixen.cso.uiuc.edu>
Source record: 270157

rob110178@aol.com (Rob110178) writes:

>In article <33ddq3$e3j@usenet.INS.CWRU.Edu>, co063@cleveland.Freenet.Edu
>(Doug Richardson) writes:

>I think that police call should be on a disk (for us computer users)and
>give users an option to update the files quarterly(or some other
>appropriate)

The Bearcat Radio Club in Kettering, OH has a service very close to that. Each state is on a disk with a program to search and list available. The cost is very reasonable to members - I think around $10 per state and $15 for the search program. This program is an R:Base product and R:Base will read the data as well. Also, the club provides a BBS with nationwide info. Membership in the club is about $30 per year with a magazine.

901. Re: Why is there alt.radio.scanner AND rec.radio.scanner?

Newsgroup: rec.radio.scanner
Date: 1994-08-24 13:55:33 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.459.000DED7A@ccm.hf.intel.com>
Source record: 270098

In article <kjnCuzvy6.3EH@netcom.com> kjn@netcom.com (Ken Navarre) writes:

>: Yes. It requires everyone to send a message to the administrator of their own
>: news site and tell them to remove this group (alt.r.s). As long as people
>: keep posting to it, it will live on.

>Even *that* will not get rid of the newsgroup. The newsgroup will survive
>but your access to it may terminate because it was no longer offered by
>your host.

Yes, it will get rid of the newsgroup. A newsgroup only exists on the
different sites. The key is that *everyone* must remove it from their sites.
If only one guy in California has it on his site and one guy in Australia has
it, they will get eachothers messages and might even think that the whole
world is out there also. The same is true now. There are thousands of sites
that don't carry a.r.s but people seem to be content posting to it. One key
issue may be that they have not asked their sites to carry rec.radio.scanner
yet.

A similar thing happened with rec.ham-radio groups. New groups were started
(rec.radio.), but it took about 5 years for people to stop using them. They
are now dead, but probably still exists on a few sites out there. There are
probably people who post to them but never get a reply.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

902. Re: 890XLT vs Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-08-24 14:00:04 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.460.000E00B1@ccm.hf.intel.com>
Source record: 270099

In article <R$BMkiubG24S066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:

>Can anyone hwo has experience w/the tow of these scanner please share
>your findings? Thanks.

While I have not used the 890, there is no question that the 2006 is a better scanner. The 890 is only double conversion and prone to lots of RF problems.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

903. 450.775 Mhz - CNN Audio

Newsgroup: rec.radio.scanner
Date: 1994-08-24 14:05:00 UTC
From: judice@sulaco.enet.dec.com
Message-ID: <33fk2c$51s@nntpd.lkg.dec.com>
Source record: 270159

Found something interesting this week. In Central and Western
Jersey there is always a very strong signal, with carrier on 450.775 Mhz.
Monday night, I heard CNN audio on it. I assumed it was just an image,
but no... Tuning to CNN, the audio was actually ahead of the Cable feed
by about a second. And when CNN segued to commercials, the music played
and faded, but there was no "spot" audio. Last night, from 7:30-8pm,
CROSSFIRE was on 450.775, but the CNN network was carrying OJ Simpson
hearings. At 8pm, the news anchor said that CROSSFIRE would be delayed
until 8:30 - when it did play, a repeat of the audio I heard at 7:30.

During Larry King, you could hear "setup talk" and the director
checking with Larry and the other guests about their audio.

Well, obviously this is some kind of studio-remote link, but what is
odd is that it is not in 100% synch with the network, implying that
there is some other audio feed (not off the satellite) that is being used
to source the signal.

BTW, the signal often has NO audio, just a carrier.

/ljj

904. Re: Grove Interference Eliminator

Newsgroup: rec.radio.scanner
Date: 1994-08-24 14:05:44 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.461.000E18E1@ccm.hf.intel.com>
Source record: 270100
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <33cs5q$ns3@usenet.INS.CWRU.Edu> ah595@cleveland.Freenet.Edu (Eric J. Hess) writes:

>Does anyone have any feedback on the Grove Interference Eliminator
>for scanners and shortwave? I'm thinking of getting one. There is
>a AM station about four miles from my house. I'm wondering if one
>of these would help.

If you are talking about the tube-shaped one with a tunable notch filter...

I had one on my R7000 for a few days and returned it. The attenuation was not sufficient to improve the situation.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

905. Re: Pro34 Mod unsuccessful (sorta)

Newsgroup: rec.radio.scanner
Date: 1994-08-24 14:50:42 UTC
From: horak@convex.com
Message-ID: <33fmo2$a4h@eugene.convex.com>
Source record: 270162

In <BAUDEBR96%CS40.59@cadetmail.usafa.af.mil> BAUDEBR96%CS40@cadetmail.usafa.af.mil (BRIAN R. BAUDE) writes:

>In article <1994Aug23.160421.20713@iglou.com> daiv@iglou.iglou.com (Daiv Stoner) writes:

>>A friend of mine just performed the mod on his Pro34 to restore all
>>of 800 MHz and 66 - 88 MHz by moving the diode from D11 to D9.
>>After doing this, the 800s are all there, but the lowest it will go
>>now is around 72 MHz (sorry, I can't remember exactly). Not even
>>the 30-54 range will work anymore. Is this a side-effect of this
>>mod, or did he maybe do something wrong, and if so, what?

>>Daiv Stoner | A day without sunshine is like
>>daiv@iglou.com | night.

>I tried the same mod and got the same results.
>Will installing another diode back to D9 as well as D11 solve this problem?

>-Brian Baude

If you restore 66-88 you loose 30-54. Hopefully if you read my mod
that follows, you'll discover what went wrong...

Pro34 Mods

Remove the four screws from the back of the unit, then remove the batteries. Gently remove the back cover from the unit. You will need to de-solder the antenna from the top board. Then remove the nuts holding the squelch and volume pots. There may be a wire at the other end of the top board to de-solder, which I think is mainly for grounding purposes. Then, there are four hex screws holding the top board on. Remove these and carefully wiggle the top board loose from the bottom. I say wiggle because there is a multi pin connector to unhook. Once unplugged, slide it out horizontally so that the volume and squelch pots slide out with the board. Then there are three screws to remove to lift the metal shielding from the bottom board. Once you have the bottom board in plain view, you should see D9, D10, D11 and D12 on one side of the board. Cut one lead of D11 and seperate the leads so they dont touch. This removes D11 from the circuit and adds the 800 mhz cellular phone bands to your scanner. It is a hassle to get to D11, but the added frequencies are worth it in my opinion. Of course, LISTENING TO CELLULAR PHONE CALLS IS ILLEGAL! There are other mods that do various things to the diodes but these mods are of little value. One, for instance, adds the 66-88 Mhz band but it also removes the 30-54 Mhz band at the same time. In addition, many units won't even pick up anything in the 66-88 band without major realignment. I know mine won't! There is one other mod that's worth doing. I can't

remember the part designation, but there is a ceramic 2 Mhz crystal on the logic board (probably blue in color), near the main CPU You can replace it with a 3.4, 3.55 or similar value for increased scanning speed. If you go over 4 Mhz, your CPU *may* not be able to maintain its integrity. If you use a normal crystal, you'll have to bend the leads over and lay the crystal flat over a nearby chip. It will fit though and it works! Make sure the crystal leads and the crystal body are insulated from touching any other circuits. If you use the two second delay, it will be affected by the crystal. The delay time will be reduced by increasing the crystal frequency. When you put the unit back together, make sure the key lock switch is intact. Mine fell out and I didn't notice it was missing until I had everything back together. Also, don't get the antenna connection too awful hot. There is a surface mount cap near the underside that will fall off if you apply too much heat. This is the input cap from the antenna. You'll notice decreased signal strength after you put it all together again. It can be a real bear trying to put surface mounted parts back on the board!! Trust me ;-)

Have fun. If you really screw up your radio, it's NOT MY FAULT !!!!!!
David Horak N5OFQ

906. Re: pro-51

Newsgroup: rec.radio.scanner
Date: 1994-08-24 15:12:16 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug24.101216.2810@hnrc.tufts.edu>
Source record: 270160

In article <33bh4l$acm@hebron.connected.com>, edwin@connected.com (Edwin M. Walker) writes:
> Al Berg (alberg@pipeline.com) wrote:
> : jerry@hnrc.tufts.edu (Jerry Dallal) wrote:
> : >In article <32ofdo$3gd@scratchy.reed.edu>,
> : >jfilner@reed.edu (jfilner) writes:
> : >> Please forgive me if this has already been asked,
> >worth the money at
> I purchased a PRO-51 two weeks ago, took it back and traded for a PRO-43.
> The PRO-51 received more images than stations, lacked sensitivity, had a
> horrible squeel when the transmission ended, but before the squelch cut in,
> and lacked adequate volume. The PRO-51 is ok for the $199, but doesn't
> match the PRO-43, which solved all of the problems except the lousy sound.

The header confuses me about who wrote what, but this was my experience. I wanted a handheld I could lock in my desk at my office so I tried the 51. While it wasn't *quite* as bad as AB's, I returned mine (even though it meant eating a restocking fee; so sure was I that I bought it through a discounter) and got another 43. If it should turn out that the 62 comes out in the next few weeks and is not as secure as the ECPA would like, I may consider a switch to save $50 (the 62 is also a triple conversion unit), but I'm happy with the 43.

907. Re: PRO-51 'Surgical Mod

Newsgroup: rec.radio.scanner
Date: 1994-08-24 15:14:50 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug24.101450.2811@hnrc.tufts.edu>
Source record: 270161

In article <777453670@f747.n115.z1>, Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
writes:
> -=> Quoting Andy Domonkos to All <=-
>
> AD> I just picked up the PRO-51. I have the keyboard mod; what is the
> AD> 'surgical' hardwired mod? Thanks in advance!
>
> There isn't a hardware mod for the '51.
>

Actually, one was posted to the net a few weeks ago. I suspect no one bothered
to save it because the software mod had already been well publicized.

908. Northern IL hamfest/computerfest calendar. [McHenry Cty this Sunday]

Newsgroup: rec.radio.scanner
Date: 1994-08-24 15:16:51 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cv1p45.CBC@nntpa.cb.att.com>
Source record: 270164
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.shortwave,alt.scanner,sci.electronics.repair,rec.radio.swap

HAMFEST/COMPUTERFEST CALENDAR 1994 - NORTHERN ILLINOIS
last updated July 26, 1994 |

o Please report additions or changes to Bob Parnass, AJ9S, office phone: (708)979-5414, electronic mail: parnass@ihlpf.att.com.

AUGUST

August 28, Sunday: Woodstock, IL - Tri-County Hamfest, Sponsor: Tri-County Radio Group, Inc. McHenry County Fairgrounds, Rte. 47 Junst North of Rte. 14. (Only 14 miles North of I90 on Rte. 47.) Advanced Tickets: $4.00, At The Door: $5.00 For advance tickets send check to: T.C.R.G., P.O. Box 3107, Skokie, IL 60076-6107 Information: 708-658-1678 Talk in on: 146.52

SEPTEMBER *

September 11, Sunday: Joliet, IL - Bolingbrook ARS Ham/Computerfest, Inwood Recreation Center, 3000 W. Jefferson. This is a medium size hamfest with indoor/outdoor flea market. Gates open 8 AM for general public. Outdoor flea market on paved lot -- setup at 6 AM. Use Exit 253 from I55, or Exits 126/130 from I80. Admission $5. VE testing 9 AM - 12 noon. Bring original license and photocopy, ID and photo ID, plus $5.75 test fee. Novice-only tests are free. Talk-in 147.33, 224.54, and 443.525 MHz repeaters. Indoor table reservation, call Ed Weinstein at 708-085-0527. Info, BARS Hotline (708)759-7005 between 6 AM and 9 PM. |

September 11, Sunday: Chicago, IL - Vintage Audio Fair |
The Vintage Audio Fair, organized by the Chicago Vin- |
tage Audio Society will be held on 11 Sep 1994 at |
Irish-American Heritage Center, 4220 N. Knox, Chicago, |
IL (vicinity of I94-Edens Expwy and Wilson Ave). We |
expect about 30 exhibitors and 300-500 people attend- |
ing. Admission is $5.00, table - $75.00. For more info |
call: days: 312-545-2641, nights: 312-338-1042. Mail |
your inquiry to: 5308 W. Lawrence, Chicago, IL 60630. |
The show is for all MacInstosh - Marantz freaks, tube |
maniacs, audiophiles, musicians, aficionados and all |
alike!

September 17-18, Saturday & Sunday: Peoria, IL - Superfest. Admission $5. For more info call (309)685-6698. Talk in on 146.76 (-600 kHz offset).

September 24-25, Saturday & Sunday: Grayslake, IL - Chicago FM Club, Ham Radio Expo. This is a large hamfest with indoor and outdoor flea markets. Lake County Fairgrounds, Rts 45 & 120. 6AM - 6PM. Info 146.76 MHz (-600). Admission $6 at gate, one ticket good for 2 days. Kids under 12 free.

OCTOBER

October 23, Sunday: Waukesha, WI - Kettle Moraine Hamfest Sponsor: Kettle Moraine Radio Amateurs Waukesha County Exposition Center Forum Building, Highways J and FT All orders MUST be accompanied by a SASE and mailed to: KMRA Swapfest, P.O. Box 411, Waukesha, WI 53187-0411 General Admission - $4.00 ($5.00 at the door)

NOVEMBER 1994

November 19-20, Sat.-Sun.: Fort Wayne, IN - Fort Wayne Hamfest Sponsor: Allen County Amateur Radio Technical Society (ACARTS) Allen County War Memorial Coliseum Exposition Center Admission: $5.00 (No advance ticket sales.) For information or table orders, send a SASE to: ACARTS, P. O. Box 10342, Fort Wayne, IN 46851 or call John Rufner at 219-483-6305 (table info) Don Gagnon at 219-484-3317 (general info)

Nov 27, Sunday: Wheaton, IL - GMRS of Illinois May Fest '94. Admission $5. Starts 8 AM. Setup 6 AM. Info, call (708)690-1492.

COMPUTERFEST SCHEDULE

September 17, Saturday: Kankakee, IL - Computer Fest 1994. Sponsor: Kankakee River Valley Computer Users' Group. Kankakee County Fairgrounds 9:00 a.m. to 3:30 p.m. Admission $4.00. Information: 815-935-8590 or 815-935-1605>

Computer Central, College of DuPAGE, Main Arena of the Physical Education Building Park Blvd & College Road, Glen Ellyn, Il. 708-940-7547 $5 with card Normal admission $6.00 Opens 9:30 am - 3:00 pm

05/22/94, 06/26/94, 07/31/94, 09/18/94, 10/30/94, 11/27/94

Orland Park Computer Show held at The Orland Park Civic Center, 147th Street & LaGrange Road, Orland Park, Il. 9:30AM - 3:00PM. Call 708-974-3123 for information or

to get on mailing list. Admission $5.00 or $4.00 with
card.

05/15/94, 06/12/94, 07/17/94, 09/18/94, 10/16/94,
11/20/94, 12/18/94

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

909. Icom R-7100s in Canada?

Newsgroup: rec.radio.scanner
Date: 1994-08-24 15:45:42 UTC
From: kmorrill@strauss.udel.edu
Message-ID: <33fpv6$ppb@strauss.udel.edu>
Source record: 270165

What are the differences between the Icom R-7100s available in
Canada and the Icom R-7100s that used to be available in the U.S.?

What are the chances of finding a full-coverage Icom R-7100 in
an electronics store in the U.S.?

I know that the large mail-order firms have stopped selling them
to ordinary citizens.

Is a store-to-store local search the way to go to get one, or is
ordering from abroad the best hope?

If ordering from abroad is the best way, what is different about the
radio (regarding power supply and anything else)?

Thanks.

--
Ken Morrill <kmorrill@strauss.udel.edu>

910. Re: INDY CAR FREQ.LIST

Newsgroup: rec.radio.scanner
Date: 1994-08-24 15:55:00 UTC
From: steffen@eisner.decus.org
Message-ID: <24AUG199411553752@eisner.decus.org>
Source record: 270172
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.autos.sport

In article <337tss$3e9@rigel.infinet.com>, jimz@infinet.com (James M. Ziogas) writes...
>N C Schultheiss (ncschult@vela.acs.oakland.edu) wrote:
>: I'VE SEEN A LOT OF PEOPLE ASKING FOR THESE FREQUENCIES SO HERE THEY
>
>: MANSELL 461.287 468.225 462.137(I DON'T KNOW,COULD BE A BABY MONITOR)
>
>Nah, as funny as this is, I have to disagree. The baby monitor crack
>should be appended to Paul Tracy's frequency. If I had a dollar for
>every time I heard him say f**king bullsh*t during the race, I could
>retire at 22.
>
>: (KING)MATSUSHITA 464.912 467.562 467.550
>
>How can you call him King? Gee, he's so competitive this year! :-}
>

The story heard from a member of Hiro's pit is that in
Austrailia, during qualifying, Mansell was behind Hiro alot, the
crew kept hearing KING HIRO KING HIRO KING HIRO. The crew asked
Nigel why did he keep saying KING HIRO? and he replied I was
saying FUCKING HIRO, it seems that Nigel's VOX mike clipped the
first sound bite which was FU.

911. Re: Brown dot/yellow dot

Newsgroup: rec.radio.scanner
Date: 1994-08-24 16:04:11 UTC
From: jthurs@ukelele.gcr.com
Message-ID: <jthurs.777744155@ukelele>
Source record: 270166

jerry@hnrc.tufts.edu (Jerry Dallal) writes:

>The Aug MT lists brown dot as 464.5 and yellow dot as 464.55.
>My Mass scanner guide lists them as 454.5 and 454.55. I haven't
>heard any traffic on any of these frequencies. Would someone tell
>me which frequencies are correct?
>Thanks.
The 464 MHz ones are correct. Hope this helps!
--Jason
```
============================================================
| Jason Thurston | thurs_j@cs.odu.edu |
| Firefighter III/EMT-A | jthurs@gcr.com |
| Dumfries-Triangle Rescue Squad, Stations 3-Rescue & 17 |
| Prince William County, Virginia, USA |
============================================================
```

912. Re: 2006 Original Equip Antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-24 16:18:54 UTC
From: hwang@netcom.com
Message-ID: <hwangCv1rzI.J29@netcom.com>
Source record: 270077

In article <aubertCv15AJ.xs@netcom.com>,
Dante Aubert <aubert@netcom.com> wrote:
>: Anyways, I was hoping to draw upon the net-experience to confirm that the
>: stock antenna is crummy, and not that my scanner is defective! :-)
>
>Check the attenuator switch on the back of the scanner, it may have
>been accidentally switched on!

Nope, first thing I checked. I played around with it some more last night and my Pro-46 definitely out performs the Pro 2006 in the cordless frequency range. The 46 was able to pick up weaker signals and with less noise. This was done with both scanners side-by-side and swapping antennas back and forth.

Has anyone else ever received a 2006 DOA?

--

Ed Hwang hwang@netcom.com
San Jose, California

913. Outdoor active antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-24 16:37:58 UTC
From: jcarter@orl.mmc.com
Message-ID: <33ft16$8np@theopolis.orl.mmc.com>
Source record: 270170

Looking for information on who makes the best outdoor active antenna for shortwave. I live in an antenna restricted neighborhood.

thanks
Jim

0 0 000 0 0 000 00 0 0 | James A. Carter | Jcarter@orl.mmc.com
0 0 0 0 0 0 0 0 0 0 00 0 | FCC Lic. KD4PON | These views are my own and
00 0 0 0000 000 0 0 0 00 | 1-(407)356-5879 | are in no way connected
0 0 0 0 0 0 0 0 0 00 | Martin Mariettia | to MARTIN MARIETTIA.
0 0 000 0 0 00 0 0 | Orlando, FL 32855 | Thanks Jim

914. Cellular phones

Newsgroup: rec.radio.scanner
Date: 1994-08-24 16:45:02 UTC
From: davep@paladin.corp.sgi.com
Message-ID: <33ftee$cjg@fido.asd.sgi.com>
Source record: 270168

Someone once told me that it was possible to have a cellular phone
scan different channels/freqs. so that you could listen to them.
I have a motorola 550 cellular phone and was curious if it is possible?
and if someone knew how.

Dave

915. Re: RS PRO-2006 Closeout

Newsgroup: rec.radio.scanner
Date: 1994-08-24 16:49:15 UTC
From: stevalln@dorsai.org
Message-ID: <Cv1tE3.7zA@dorsai.org>
Source record: 270169

: This info came from someone who bought two at that price
: in Texas. Apparently, other stores are still selling them
: at $359. Maybe the sale is imminent, maybe not. Sorry, I
: can provide no more info. It was on a BBS and passed along
: to me.

I picked up the last 2006 at my local rs yesterday. They were closing it out at $399. Since I got the last one (sitting on the shelf) it was discounted to $359 as a demo price.
-Steve

916. Re: Grove Interference Eliminator

Newsgroup: rec.radio.scanner
Date: 1994-08-24 17:03:13 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Aug24.170313.15231@rsd.dl.nec.com>
Source record: 270076
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

|> : Does anyone have any feedback on the Grove Interference Eliminator

To get rid of interference from Grove all you have to do is cancel your subscription to MT :-)

dave

==========
Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. or : mandr@ix.netcom.com
CIS: 76672,2455

In the absence of leadership, we have decided to follow ourselves.

917. Re: Ok, so is the AOR8000 a go?

Newsgroup: rec.radio.scanner
Date: 1994-08-24 17:03:53 UTC
From: steven@sgb.oau.org
Message-ID: <Cv1u2J.9Jz@sgb.oau.org>
Source record: 270078

Richard Hoffbeck (RWH@CCCS.UMN.EDU) wrote:
: In article <33an0e$796@mailer.fsu.edu> dwyer@ibms5.scri.fsu.edu (Frank Dwyer) writes:
: >I've been following the posts on this group regarding the AOR8K, and recall
: >seeing some mention of a problem with getting the unit to reset when powered
: >on. Is this actually a widespread problem with the unit (like the BC8500
: >had with its VHF-Air reception), or merely a problem with only a few early
: >models?

: According to the posts on CI$, there is a simple fix involving the addition of
: a common diode. They are still waiting to see if the next round of production
: models have the fix or not.

: >I really want to get one of these beasts, but am hesitant to take the plunge
: >if the unit is buggy. BTW, what's the going price on avg. these days?

: Grove wants $649 for the US version. Javiation's price is 395P for the UK
: version which is about $600. There is also a $40 duty when the unit is
: imported.

What, grove is selling the international model with FULL 800mhz?

I think it should be noted that the Grove model will be a waste
of money in that it will be the US version without the cellular
frequencies.

On the other hand, you can get it for $10 cheaper from Javiation
and have FULL COVERAGE.

I do not think the choice is hard to make!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
| Modem: 407/862-8088

918. Re: New Scanner ban being planned in Congress

Newsgroup: rec.radio.scanner
Date: 1994-08-24 17:05:19 UTC
From: davidb@ce.washington.edu
Message-ID: <33fukf$9gf@news.u.washington.edu>
Source record: 270171
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

Reminder: This thread is an open-ended political discussion, not an article about shortwave radio. Please don't cross-post this thread to rec.radio.shortwave anymore.

If you are unfamiliar with such things as editing headers to avoid cross-posts, I recommend that you read messages in news.announce.newusers. Cross-posting to many newsgroups is generally frowned upon because it leads to numerous followups that aren't relevant to every newsgroup the message was originally posted to.

Cross-posting from groups in the "talk.*" hierarchy is to be avoided in particular. That hierarchy exists for discussion of topics that are known to generate long and voluminous threads. Folks interested in those threads can subscribe to those newsgroups; folks not interested in those threads shouldn't need to wade through them when they're cross-posted to other newsgroups.

--
David Barts N5JRN UW Civil Engineering, FX-10
davidb@ce.washington.edu Seattle, WA 98195
1704 GMT T: 63 F wind: ESE 2 gust 3 mph P: 1020 mbar

919. Opto 456 for Other scanners?

Newsgroup: rec.radio.scanner
Date: 1994-08-24 17:10:15 UTC
From: steven@sgb.oau.org
Message-ID: <Cv1uD4.9Mp@sgb.oau.org>
Source record: 270080

Since the life of the 2006 is almost over and the 2005 is over, is Opto Electronics going to re-work the Opto456 to permit adding it to other Radio Shack scanners that are in active production?

It would be the ideal solution to the cellular blocked problem -- since for a Base scanner, I have no objection to overriding the factory CPU block with an electronic hardware add-on, computer driven to get around it, as I do not normally carry base units around, and my computer room is also my radio room!

Let's hear it.. We want an Opto 456 for some current production units right?

What is Opto's number and I'll call them to find out!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
| Modem: 407/862-8088

920. Re: Ignore

Newsgroup: rec.radio.scanner
Date: 1994-08-24 17:12:14 UTC
From: steven@sgb.oau.org
Message-ID: <Cv1uGE.9nJ@sgb.oau.org>
Source record: 270079
Cross-posted to: rec.radio.scanner,oau.news

bmc (70473.1567@CompuServe.COM) wrote:
: Test only
: (CompuServe has usenet)

Ohhhh great! Some folks were right... they *have* arrived!
(now when is prodigy to arrive?)

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
| Modem: 407/862-8088

921. Looking for BC200XLT audio mod

Newsgroup: rec.radio.scanner
Date: 1994-08-24 17:26:09 UTC
From: hruska@bnr.ca
Message-ID: <1994Aug24.172609.15197@brtph560.bnr.ca>
Source record: 270081

After my first in-person Winston Cup race this past weekend, I'm
looking for a scanner mod...

I checked a couple ftp mod sites and couldn't find the mod to increase
the headphone audio level. Could someone help me out?

Thanks in advance.

--
+------------------------------+---+
| Bob Hruska KE4KVQ DoD #1982 | email: hruska@bnr.ca |
| BNR Inc. RTP North Carolina |USmail: 35 Davis Drive RTP, NC 27709 |
+------------------------------+---+

922. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-24 18:01:47 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.68.000C0802@chevron.com>
Source record: 270084
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <33ep20$96l@csusac.ecs.csus.edu> holtzman@shazam.ecs.csus.edu (Jim Holtzman) writes:

>Does anybody know of any good places to look for information on GMRS info?
>License requirements, power levels, frequency ranges, etc? I see stuff
>on the ham groups sometimes. Any info would be appreciated.

GMRS is regulated under Part 95. It appears to be a regulated, licensed citizen band type of service. 95 still allows businesses to operate GMR systems, but I heard a rumor a while back that business may get forced off someday. Communications are limited to the persons defined as eligible under your license - in the case of a system licensed to an individual it would be immediate family members.

GMRS operations are limited to a maximum of 50 watts. Licenses may limit power to 5 watts when north of "Line A", or 15 watts in urban areas. Small base stations are limited to 5 watts ERP. The license limits the coverage area.

The are eight channels in the GMRS starting at 462.550 in 25KHz steps to 462.725. Mobile relay stations may be paired with 467.xxx frequencies but no direct communications (not through a mobile relay) are permited on 467. Licenses are issued for specific channels.

There are also seven low power, splinter channels for simplex only, voice operations at a max of 5 watts. They are between the regular channels (ex: 462.5625).

I don't hear too much about personal use of GMRS anymore. Is there anyone using it for "family" communications?

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

923. BC855xlt mods

Newsgroup: rec.radio.scanner
Date: 1994-08-24 18:03:36 UTC
From: pritchas@oissvr.ColumbiaSC.NCR.COM
Message-ID: <Cv1wu1.2xq@ncrcae.ColumbiaSC.NCR.COM>
Source record: 270113
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Have an 855xlt and can pick up cellular images from 905.00
to 915.00 mhz.Would i pick these up better with a mod to
restore the full 800 mhz. band?Will my unit pick up chordless
phones better with an external ant.?If so,is this unit easy
to modify?Thanx to all who respond!:.>

924. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-24 18:06:18 UTC
From: wwhitby@aol.com
Message-ID: <33g26q$1gk@search01.news.aol.com>
Source record: 270174

>If what you say is true, there should sufficient grounds for kicking this
>guy off the force and even putting him in the can for a bit of time.

He also whines and complains that the cheif won't promote him. He can't
seem to figure out why.

>If he really does smack his wife around and there are witnesses to
>back up the story, it seems improbable that he could avoid disciplinary
>action. Of course then you would have to live next door to an unemployed
>criminal which may make things worse especially if he knew that you had
>a role in his ne status.

I live in a small town that has almost rediculous standards for cops.
Some have never been to the state trooper academy (which they must do).
Some do nothing but write tickets. One cop, who was just promoted, won't
make a traffic stop on an adult without backup, but will harass a kid at
the drop of a hat. He also won't go check out buildings with an open door
reported - one time he said his battery fell out of his
radio!!!!!!!!!!!???????????

We already have a bad drug problem downtown and its moving this way. The
cheif is an idiot (I know him). If the criminals from the big city find
this out, we'll all be in a lot of trouble

>I would advise moving.

If I could afford to I would. He is also trigger-happy. Scarry, isn't
it?

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

925. Re: 2006 Original Equip Antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-24 18:08:25 UTC
From: rja@Sun.COM
Message-ID: <33g2ap$dtj@engnews2.Eng.Sun.COM>
Source record: 269939

In article J29@netcom.com, hwang@netcom.com (Ed Hwang) writes:
>In article <aubertCv15AJ.xs@netcom.com>,
>Dante Aubert <aubert@netcom.com> wrote:
>>: Anyways, I was hoping to draw upon the net-experience to confirm that the
>>: stock antenna is crummy, and not that my scanner is defective! :-)
>>
>>Check the attenuator switch on the back of the scanner, it may have
>>been accidentally switched on!
>
>Nope, first thing I checked. I played around with it some more last
>night and my Pro-46 definitely out performs the Pro 2006 in the cordless
>frequency range. The 46 was able to pick up weaker signals and with less
>noise. This was done with both scanners side-by-side and swapping
>antennas back and forth.

The 2006 is supposedly less sensitive than the
handhelds or mobiles that RS sells. The thinking
is that it will likely be hooked up to a bigger
antenna and so you don't want it to overload on
signal. The 2026 (?) mobile is much more sensitive,
but I assume that it could overload if hooked up
to a large stationary antenna.

Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

Just Say NO to the Crime Bill

926. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-24 18:12:54 UTC
From: kenman@iastate.edu
Message-ID: <33g2j6$7b8@news.iastate.edu>
Source record: 270173
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <crispCv0uL7.F6y@netcom.com> crisp@netcom.com (Richard Crisp) writes:

>here are some stats:
>
> deaths due to firearms of all kinds (including murder, justifiable
> homicide, suicide accidents) ~25K
>
> deaths to due auto accidents ~50K
>
> deaths due to cirrohis ~25K
>
> deaths due to smoking related illnesses
> ~400K
>
> deaths due to beestings ~300
>
> deaths due to being shot by assault weapons
> ~75

And three times as many people are killed each year due to knives than are
killed by all firearms.

--
Ken Anderson N0ZEM PH: 515.294.8996 Kenman@iastate.edu
126 Soil Tilth Bldg. N0ZEM@KI0Q.#CIA.IA.USA.NA
Iowa State University, Ames, Iowa 50011

927. PRO-2006 for sale

Newsgroup: rec.radio.scanner
Date: 1994-08-24 18:20:52 UTC
From: Rich Beaubien <RichBeau@tiac.net>
Message-ID: <33fojl$jsn@sundog.tiac.net>
Source record: 270163

Radio Shack PRO-2006 Scanner for sale:

Excellent condition
Purchased on 11/6/93
Has been modified for cellular reception

$300.00

Send e-mail to : RichBeau@tiac.net

928. Re: Pro34 Mod unsuccessful (sorta)

Newsgroup: rec.radio.scanner
Date: 1994-08-24 18:49:11 UTC
From: mattho@goanna.lbl.gov
Message-ID: <40972@dog.ee.lbl.gov>
Source record: 270083

Only remove D11, by desoldering it or clipping one lead. Do not
add a diode to D9.

929. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-24 19:01:37 UTC
From: shen@pt9222.ped.pto.ford.com
Message-ID: <33g5eh$sde@pt9201.ped.pto.ford.com>
Source record: 270088
Cross-posted to: rec.radio.scanner,alt.radio.scanner,

Jim Holtzman (holtzman@shazam.ecs.csus.edu) wrote:
: Does anybody know of any good places to look for information on GMRS info?
: License requirements, power levels, frequency ranges, etc? I see stuff
: on the ham groups sometimes. Any info would be appreciated.

: James Holtzman kc6ncg (holtzman@shazam.ecs.csus.edu)

There is a PRSG (Personal Radio Sterring Group) in Ann Arbor, Michigan working on GMRS issues. There phone number is (313)-662-4533. You can get a FCC GMRS license application form and pay a fee (it used to be $35 for 5 years) to receive a call sign (I am still waiting for mine). I believe the maximum transmition power is 50 watts. The GMRS frequence range is between 462.55 - 467.55 MHZ. I also heard that there are GMRS repeaters nationwide but are far less than that of the 2M or 70CM. If you purchase a GMRS radio, make sure that it can handle the repeater operation in your area (frequency split at 5 MHZ).

I am still shopping for a handheld GMRS radio.

Pius Shen kb8twl (shen@sys2.ped.pto.ford.com)

930. yup7100 info? faq? reviews?

Newsgroup: rec.radio.scanner
Date: 1994-08-24 19:23:12 UTC
From: delphys@cc.mcgill.ca
Message-ID: <delphys.777756192@soleil>
Source record: 270085

am looking for any info on this system. is there a site
with faqs/reviews/info etc?

naive question - the real model # is MVT7100?

thanks
delphys@bunyip.com

931. 450.775 Mhz - CNN Audio

Newsgroup: rec.radio.scanner
Date: 1994-08-24 19:35:25 UTC
From: caldwe33@wharton.upenn.edu
Message-ID: <1994Aug24.143525.1@wharton.upenn.edu>
Source record: 270082

What you're hearing is an IFB feed that the network uses to cue talent and such. Since there is a delay on the satellite and they need to be able to cue talent, people being interviewed, etc, they use a 450 or 455 frequency to send those feeds. Often you'll hear standard audio (pre-delay if they're using one) and director cues on top of the audio. Most television stations use this (frequencies are also in use by radio stations).

Sean

932. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-24 19:43:29 UTC
From: "David Josephson", Josephson Engineering <david@josephson.com>
Message-ID: <Cv21GI.L15@rahul.net>
Source record: 270087
Cross-posted to: rec.radio.scanner,alt.radio.scanner,

In <33ep20$96l@csusac.ecs.csus.edu> holtzman@shazam.ecs.csus.edu (Jim Holtzman) writes:

>Does anybody know of any good places to look for information on GMRS info?
>License requirements, power levels, frequency ranges, etc? I see stuff
>on the ham groups sometimes. Any info would be appreciated.

Go to the library, have them get the Code of Federal Regulations chapter
47, FCC Rules and Regulations Part 95.
--
David Josephson / Josephson Engineering / San Jose CA / david@josephson.com

933. PRO-23 for Sale

Newsgroup: rec.radio.scanner
Date: 1994-08-24 19:49:41 UTC
From: Lee_Hines@SMTP.esl.com
Message-ID: <Lee_Hines-2408941254510001@m11004.esl.com>
Source record: 270086

Anybody interested??? I am considering moving up, but would like to see what I can get for it before I decide. I paid $216.50 for it three months ago, and will accept a reasonable offer. Thanks, Lee.

--
Lee Hines - Builder/Owner
Gator's Golf

Views expressed here are not necessarily those of my employer.

Go Gators - '91&'93 SEC Champs
Go Dolphins
(FSU.........just go away)
Work is for people who don't fish, hunt or play golf.

934. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-24 20:33:06 UTC
From: tweek@netcom.com
Message-ID: <tweekCv23r7.CHr@netcom.com>
Source record: 270092

crisp@netcom.com (Richard Crisp) writes:
>(Alex O Leu) writes:
>>quiet down. I feel sorry that you have such a poor opinions of cops,
>
>We usually acquire our opinions based on experience. It is too bad that
^^^^^^^^^^^^^^^^^^
>so many bad cops are around as it spoils their reputation for all.
^^^^^^^^^^^^^^^^^^^^^^^^^^

Yep... Interesting link here too.

A couple of years ago, a former cop of a local police department in Contra Costa County (Ca) was staking out a resturant with a partner (non cop partner) for three nights in preparation for an armed robbery.

The ex-cop sat in a car across the street while his partner hid in the bushes outside the resturant. The two kept in touch with each other via two way radio on 154.6 mhz and for those three nights, exchanged idle chit chat and bragging to kill the time (no one ever said crooks were smart.) The ex-cop also had a hand hald scanner in his vehicle and was monitoring the local police.

On the third night, they carried through on their attempt.

About two blocks away, a scanner monitor was listening to this chit-chat for the previous two nights. It was readily apparent that this was some sort of stakeout, but the criminal intent was unknown to the scanner listener.

Being that some of the bragging being monitored consisted of the person in the vehicle talking about times he had worked with the DEA on stakeout and other such police experiences, the scanner listener opted not to inform the local police of the radio intercept (even though it was apparent that they didn't want to meet up with the local police) in the off chance that some big federal type of stakeout might be screwed up... instead, the scanner monitor continued to listen from the confines of his own apartment, and with a pair of binoculars, confirmed the location being staked out by noting movements around the place as reported over the two way by the two suspects.

About 11pm or so on that Saturday evening, the scanner monitor noticed no further communication on the frequency. Nothing really different than the previous two nights... The observers probably just packed up again for the night.

About 1am or so, while monitoring the police frequencies, the scanner monitor hears a police call about a man tied up on the

corner outside the resturant. At that point, (although probably illegal under the Communications Act of 1934) the scanner listener called the police dispatch to report possible information on the crime.

A police Sergent called him back a bit later, listened to some of the info and then with a "don't call us, we'll call you" type of attitude, hung up... probably saying "Nut Case" to his partner.

About an hour later, the same Sergent calls back, this time with a completely different attitude and asks if he could send over one of his corporals to interview the scanner monitor.

Two days later, they had two suspects in custody. The Ex-cop plead No Contest (after a first trial with a hung jury) while the second suspect was found not guilty. The second suspect however was found guilty in another armed robbery in which the ex-cop was found not-guilty. Both were also suspects in many other cases. All of which came to light after the three night radio stakeout robbery.

Side Note: Just two months ago (the above was many years ago) the ex-cop's brother, and the second suspect were convinced to roll over and rat on the ex-cop and his former Captain for a murder which was linked to them at the time of the trial for the resturant robbery. Allegedly, the fatal bullet was fired by the second suspect, but in exchange for ratting, he will be charged with something lighter than murder. (This has yet to go to trial)

Back to the Above...

Q1. If scanners were outlawed, would the robbers still have been using one? (IMO, probably so)

Q2. If scanners were outlawed, would the scanner monitor have had one, or if he did, admitted to the police that he did and reported the information on the crime? (IMO, probably not)

Q3. Did the scanner monitor in any way, interfere with what was suspected to be an official police stakeout? (IMO, No)

Q4. Can you think of an appropriate analogy to the old NRA phrase of "When guns are outlawed, only outlaws will have guns?"

No, I suspect that Mr. Reserve Officer will claim something like: "Yeah, But this scanner listener is not like all of them. Others might interfere and [so to speak} chase the ambulance."

True, BUT, then again, there are those citizens who are not so equiped with scanners who will also gravitate in the direction of a siren "just to watch." I'd suspect that there might in fact be more (percentage wise) than scanner listeners (reporters and lawyers not included) since the scanner listener *can* observe the events from the safety of his/her

own home.

FWIW, Back at the time this happened, I was speaking to the Corporal who was in charge of the investigation about the concerns they might have over folks listening to them on the scanner. Corporal Sloan had responded saying that they have no problem with it as long as folks don't ambulance chase. It was pointed out that the Neighborhood Watch also encourages the use of scanners by the citizens.

IMO, any police officer or department that whines about how folks don't want to get involved (ie: No sir, I didn't see anything) has no right to complain when decent folks "care" about the duties of their local law enforcement officials enough to listen and hear what they are up against.

In the above case, the scanner monitor has exposed himself to the possibility of civil liability (maybe defensable?) just for relaying the information heard to the cop without such influence as a court order.

YOU CANNOT LUMP ALL SCANNER LISTENERS INTO A SINGLE CATEGORY OF CHASER!!!

... And cops wonder why citizens have no respect for them.

tweek@netcom.com tweek@tweekco.ness.com WW4Net-1@11551 DoD #MCMLX N6QYA
=============== Regarding mail from Internet to WWIVNet ==================
As of 7-16-94, WWIVNet no longer exists. WW4NET is the new network. To mail through to WW4NET, you must have the NEW NODE NUMBER of the system and then send it in the following format: <user>-<node>%ww4@tweekco.ness.com
========== And for the Clincher, WW4NET is now called WWIVNet =============

935. GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-24 21:00:18 UTC
From: holtzman@shazam.ecs.csus.edu
Message-ID: <33gcd2$l0j@csusac.ecs.csus.edu>
Source record: 270090
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Somebody was kind enough to respond to my questions about GMRS, and I thank you. One of the responses was an organization that helps with licensing. Could whomever responded with that info please do it again? I was in the processing of saving the post, and something crashed.

Thanks in advance

James Holtzman kc6ncg (holtzman@shazam.ecs.csus.edu)

936. Re: Just installed my CE-232 in my Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-08-24 21:15:08 UTC
From: sarek@cais.cais.com
Message-ID: <33gd8s$sq7@sun.cais.com>
Source record: 270089

>Just finished installing me CE-232 Computer interface from Commtronics

Isn't this the HB-232 or is it an upgrade. I installed the HB-232
from Bill Cheek about a year ago.

Scott

937. Re: Grove Interference Eliminator

Newsgroup: rec.radio.scanner
Date: 1994-08-24 21:29:06 UTC
From: ralph@mtunp.att.com
Message-ID: <ralph-2408941629060001@truman.lincroftnj.ncr.com>
Source record: 270094
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <1994Aug24.170313.15231@rsd.dl.nec.com>, dave@rsd.dl.nec.com (Dave Rogers) wrote:

>|> : Does anyone have any feedback on the Grove Interference Eliminator

>To get rid of interference from Grove all you have to do is cancel your >subscription to MT :-)

Not quite. I cancelled mine, but I still receive their catalogs, and I just got a free issue of their new rag, *Satellite Times*, both with labels clearly descended from my old MT subscription.

Maybe if I had one of those old jamming transmitters from the Soviet Union.... :-)

--
Ralph Brandi ralph@mtunp.att.com att!mtunp!ralph

Stay idiot-proof. --Log, "Idiot Proof"

938. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-24 22:04:59 UTC
From: sjs@hollywood.cinenet.net
Message-ID: <33gg6b$53d@hollywood.cinenet.net>
Source record: 270091
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

Glen Roberts (glr@ripco.com) wrote:

: When did your listening to the government on a police scanner make a
: difference? I mean make a difference about how the government at any
: level was run. Did you save the public from being ripped off? Did you
: save one citizen's rights from being violated?

Gee Glen, you're right! Maybe he should phone up the police department
(just like you phoned the White House) and make a stink about what he hears.
Then he can 'report' back to alt.2600 just as you have. I'm sure we're
all **very** interested.
-sjs

939. Icom CT-17 vs J-Com Interface Cable

Newsgroup: rec.radio.scanner
Date: 1994-08-24 22:10:23 UTC
From: zephyr@inuxs.att.com
Message-ID: <Cv289B.Fyl@nntpa.cb.att.com>
Source record: 270095
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Does anyone know of any advantage to using the Icom CT-17
interface over the J-Com interface cables ?? Does the Icom
pass the S-meter signal or anything else that the J-Com
will ignore ?

Thanks in advance for your comments.

Terry

--

Terry Florek WB9QDM
AT&T Consumer Products Labs, Indianapolis, Indiana
317-845-6157

940. Re: frequency guides

Newsgroup: rec.radio.scanner
Date: 1994-08-24 22:36:59 UTC
From: jberk@netcom.com
Message-ID: <jberkCv29Hn.n14@netcom.com>
Source record: 270096

Rob110178 (rob110178@aol.com) wrote:
: In article <33ddq3$e3j@usenet.INS.CWRU.Edu>, co063@cleveland.Freenet.Edu
: (Doug Richardson) writes:

: I think that police call should be on a disk (for us computer users)and
: give users an option to update the files quarterly(or some other
: appropriate)

Hello!

I don't know if anyone out there has seen or used SCANMAN, but it's a large, shareware, searchable, indexed text file glued into an .EXE engine that lists frequencies for most of So. California. I just downloaded a more recent version (v11.00) from a local BBS, and it looks great except there is no information for the local police (Torrance, CA). From what I've seen, he only has a So. CA version, but maybe some people can get together and write up versions for other areas?

This version apparently was expanded and broken into two parts: Government and non-government listings. It even has listings for those coveted McDonalds Frequencies! :-)

Anyhow, I downloaded it from the Bad Boy's BBS at (310) 378-3081; filename SCANM11.ZIP. The author is Brian Petersen, 1415 N. Aldenville Ave, Covina, CA 91722-1523, and he ask's $20 for the registration and $5 per issue for updates. I'm not connected with the gentleman at all; just like what he's done. I haven't seen it (or looked for it) on an FTP site yet.

941. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-24 22:53:27 UTC
From: glr@ripco.com
Message-ID: <Cv2A94.6G6@rci.ripco.com>
Source record: 270093
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

Stephanie Schiff (sjs@hollywood.cinenet.net) wrote:
: Glen Roberts (glr@ripco.com) wrote:

: : When did your listening to the government on a police scanner make a
: : difference? I mean make a difference about how the government at any
: : level was run. Did you save the public from being ripped off? Did you
: : save one citizen's rights from being violated?

: Gee Glen, you're right! Maybe he should phone up the police department
: (just like you phoned the White House) and make a stink about what he hears.
: Then he can 'report' back to alt.2600 just as you have. I'm sure we're
: all **very** interested.
: -sjs

Actually, I did that. It made a different too. One police officer in
Lindenhurst, Illinois, took to running the license plates of all
vehicles in our drive way (for no legitimate police purpose), and
when I was discussing it with their boss (the village mayor), he asked
how I knew the officer was doing that... when I said I heard it on the
scanner, the Mayor said, "well, that will stop," and it did.

Anyways, I suspect hollywood.cinenet.net is much better than alt.2600...
so, keep having fun.

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
No record. No Trace calling: 1-900-STOPPER (786-7737). $1.95/min
---

942. PRO-43...any mods?

Newsgroup: rec.radio.scanner
Date: 1994-08-24 23:38:23 UTC
From: cfoote@k12.ucs.umass.edu
Message-ID: <1994Aug24.233823.28844@k12.ucs.umass.edu>
Source record: 270097

Hello,
I just purchased a PRO 43 scanner from the Shack. Subject says it all. What do I need to check to see if I can modify the unit, and how do I go about by doing it? Any keyboard mods as well?

Also, why would the Shack make it so easy to access the 800Mhz "restricted" bands on the '51 by a keyboard "password" ?

Thanks In Advance,
-Chris

--

Chris Foote
Email: cfoote@k12.ucs.umass.edu
Rockford Fosgate - Kenwood - Stillwater Designs - Pioneer - In a JGC '93

943. Re: frequency guides

Newsgroup: rec.radio.scanner
Date: 1994-08-24 23:39:31 UTC
From: <>
Message-ID: <33glnj$9tc@wizard.uark.edu>
Source record: 270103

What frequency guide to use sort of depends on where you live and whether or not you have a computer.

If you live in the northeast, Scanner Master wins, hands down. As another poster said, there may be a freq or two missing, but that's more than made up for by the codes, maps, station locations, alarm assignments, system notes, etc., etc.

I've never seen a Scanner Master other than the NYC/Metro, Mass and NE versions so I won't pretend to know what they're like (but I bet they're as good :).

If you don't have a local Scanner Master, Police Call is the way to go. Info other than freq-call sign-TX location is a little thin, but that is made up for by the volume. They also publish a Special Edition for SoCal that sounds more like Scanner Master (tho' I've never seen it).

Monitor America is great for travelling. I don't think I would rely on it as my primary source for my place of residence though. Of course, it's *supposed* to be a traveller's guide - why else would they include all fifty states! I hadn't noticed the lack of cross-referencing, but now that you mention it . . .

Now, if you have a computer, especially one with a CD-ROM, everything is different. With a CD you can look at all the info, sort it, create your own listings, etc. I have just the Arkansas file (20 Mb) and it's great! It even shows what direction the directional antennas of some systems point and how many dB gain they have . . .

<shameless plug>

Of course, if you want really up-to-date info, you should join the Radio Communications Monitoring Association. The RCMA publishes _Scanner Journal_, a monthly, 40+ page newsmagazine for monitoring enthusiasts. Dues are US$24/yr.

<shamelss plug off>

Oh yeah! Almost forgot, except for the CDs, which in PerCon's case come straight from FCC (PerCon is the Official Supplier or something), all the above mentioned sources welcome customer input. If you don't think Police Call has enough info, send Gene Hughes the corrections. Same for Barnett's Scanner Master/Monitor America.

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Arkansas State Editor
Monitor America
(full disclosure)

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

To join RCMA or to get a sample issue of it's newsletter (US$2.00), write
to:

Radio Communications Monitoring Association, Inc.
PO BOX 542
SILVERADO CA 92676
USA

944. Re: Freq for portland oregon

Newsgroup: rec.radio.scanner
Date: 1994-08-25 00:02:36 UTC
From: benchr@teleport.com
Message-ID: <benchr.109.00232CB2@teleport.com>
Source record: 270119
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <crispCv10M8.5B2@netcom.com> crisp@netcom.com (Richard Crisp) writes:

>buy a copy of Police Call from Radio Shack???

I already have it.... Police Call that is....

945. Re: MDT Dispatch SW?

Newsgroup: rec.radio.scanner
Date: 1994-08-25 00:13:17 UTC
From: benchr@teleport.com
Message-ID: <benchr.110.002CF413@teleport.com>
Source record: 270118

In article <1994Aug23.203227.1026977@walnut.prs.k12.nj.us> pthompson@walnut.prs.k12.nj.us (Peter Thompson) writes:
>From: pthompson@walnut.prs.k12.nj.us (Peter Thompson)
>Date: Tue, 23 Aug 1994 20:32:27 EDT
>Subject: MDT Dispatch SW?

>I have recently been hearing discussion on an area frequency where the
>police are using a system that allows the patrol cars to look up DMV,
>etc... info from the cars, and the dispatcher can send messages, know
>locations of cars, and status of officers. I thought they called it "MDT"
>at one point.

>Anyone know anything about this? What it can do? Do they really know
>where the cars are physically with it?

They have "MDT" here in Portland Oregon...

MDT = Mobile Data Terminal

I believe that when the system is running properly that the MDT can transmit/recieve queries about suspects/vehicles and can transmit/recieve messages from the station and possibly car to car...

That's all I know...

Take Easy

946. Re: satellite times != monitoring times

Newsgroup: rec.radio.scanner
Date: 1994-08-25 00:25:00 UTC
From: dayglo@mindvox.phantom.com
Message-ID: <Dc9kRc1w165w@mindvox.phantom.com>
Source record: 270058

jqtaylor@boi.hp.com (John Quill Taylor) writes:
>
> i just rcvd the vol 1 num 1 issue of satellite times, which is the
> replacement magazine for monitoring times. gone are the articles on

< 20 line sig file deleted>

Wrong.

Satellite Times is not the replacement for Monitoring Times. It is a
supplement that will cover well satellite topics

947. Frequencies on the Net

Newsgroup: rec.radio.scanner
Date: 1994-08-25 00:25:01 UTC
From: ryder@andrews.edu
Message-ID: <33goct$fe1@orion.cc.andrews.edu>
Source record: 270101

Does anyone know of any sources (ftp,www, whatever...) of frequencies on the net? I'm especially interested in the MI and IN areas.

Thank you!

Rich

948. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-25 00:26:42 UTC
From: <>
Message-ID: <33gog2$a9a@wizard.uark.edu>
Source record: 270110

orion1@iastate.edu (Alex O Leu) writes:

I never used to pay any attention to the gun nuts. I figured, Why does anyone really need a gun? As I learned more about the US Constitution, I began to realize that the 2nd Amendment has less to do with blowing ferocious deer into oblivion and more to do with keeping the government in line.

I also used to snicker at "Guns don't kill people, people kill people."

Now I pay a little more attention to the gun nuts (most of whom *are* nutty, IMHO) and I don't snicker any more.

>I have been involved in several calls in which scanners have caused very
>serious problems.

Them scanners is dangerous, all right.

> We had a situation where the was a man with a gun and
>several scanner listeners came out to see what was going on. Many people
>could have been hurt.

They did so at their own risk. And they, of all the bystanders, knew what risks existed.

> We also have a problem with kids vandalizing and
>stealing items. They all carry scanners and it makes it very tough to get
>backup on a situation when they know when it is coming.

Every jurisdiction has problems "with kids vandalizing and stealing items". Many states have laws increasing penalties when a scanner is used in the commision of a crime. Punish the ones committing the crime, not Joe Squelch, law-abiding scanner owner.

> I feel that you
>think that scanner listeners are primarily good and helpful. Well, you are
>wrong.

Has it ever occured to you that for every person you describe above, that there are probably a hundred or a thousand that are sitting at home or in their cars just listening.

(I myself pay particular attention to the BOLOs while I'm driving around so that if I see the suspect, I can report him to the PD or SO. Hasn't happened yet, but I think of it as almost a duty, so I keep listening.)

>I am one who could care less if people have scanners in there homes as long
>as they stay away from the scene.

If they interfere with your job, arrest them. You know, Police work is
only easy in a Police state.

>know I am one. I ask everyone to be more tolerant because until they have a
>life placed in jeoprady or a case botched because of a scanner, you can
>never understand.

Actually, the majority of scanner enthusiasts understand very well what
Law Enforcement goes through. Why do you think we listen?

>you are a cop and in the situations they encounter then I recommend you just
>quiet down. I feel sorry that you have such a poor opinions of cops,

With statements like "just quiet down" is it any wonder that some resent
the Police?

>--
>|Alex Leu |"When police officers fire their |
>|Pocahontas County and | guns, the immediate consequence |
>|Laurens,Iowa Reserve Officer| of their decisions are realized at a |
>|76-34 | rate of 750 fps" James Fyfe |

I might also point out that Law Enforcement Officers are public Servants
and as such are subject to public scrutiny . . .

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

949. Re: Icom CT-17 vs J-Com Interface Cable

Newsgroup: rec.radio.scanner
Date: 1994-08-25 00:41:08 UTC
From: jimc1790@aol.com
Message-ID: <33gpb4$95d@search01.news.aol.com>
Source record: 270102

In article <Cv289B.FyI@nntpa.cb.att.com>, zephyr@inuxs.att.com (Terry Florek) writes:

>Does anyone know of any advantage to using the Icom CT-17
>interface over the J-Com interface cables ?? Does the Icom
>pass the S-meter signal or anything else that the J-Com
>will ignore ?

I have a J-Com cable I use with my R-7100. It works great and I have no problems with it. The only advantage that I am aware of is that the CT-17 has multiple ports on it's case so you can interface (& control) more than one CT-17 compatible radio simultaniously. I don't know if the J-Com can support more than one radio (if you daisy chain via a box you build yourself).

BTW J-Com sold out to Ramsey Electronics (the big kit electronics company) so all the radio interface cables are actually sold by Ramsey.

950. Re: Aor Scanners - What I

Newsgroup: rec.radio.scanner
Date: 1994-08-25 00:51:00 UTC
From: Brian.Flues@f239.n109.z1.fidonet.org
Message-ID: <4a2_9408242222@blkcat.fidonet.org>
Source record: 270108

PH>>i have a ar2500 which dose fine at 800megs and fair from 88 to 174 meg
PH>>however from 1-30 it sucks an from 200-400 ive never loged one thing
PH>>also a freind of mine has the same radio and fells the same way the
PH>>radio has no sensitivity ... ive also got a bc200xlt and a icom r71a
which
PH>>the aor can not hold a candle to ive also sent my aor back to the
factory

PH>>because of this they religned it and checked the sentivity on it but
the
PH>>bottom line they said was this is what you get

PH>Don't expect good performance below 30 Mhz from a unit mainly designed
PH>for VHF and UHF.

PH>As for 200-400 Mhz this is mainly military aircraft using AM. Because
PH>of the size of this band it may be hard to get anything just be searching.
PH>A better way is to obtain some exact frequencies used by a nearby airforce
PH>base and program these in.

Per,
I have also messed around with AOR scanners and overall the
money is better spent on another product line I've had a 2800.,
2500, and finally settled on a 1500. The shielding on the units
is CRAP! the intermod and overload are REALLY bad in any sort
of urban area, the shortwave section I rarely use and I also
have never been able to monitor any of the Mil frequencies (I
live about 10 NM from Andrews AFB).

Brian
***
* SLMR 2.1a * Memories keep the wolf of insignificance from the door
---
Fidonet: Brian Flues 1:109/239
Internet: Brian.Flues@f239.n109.z1.fidonet.org

951. Pro-2006 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-08-25 01:03:00 UTC
From: Brian.Flues@f239.n109.z1.fidonet.org
Message-ID: <4a3_9408242222@blkcat.fidonet.org>
Source record: 270109

RI>From: Rich Beaubien <RichBeau@tiac.net>
RI>Newsgroups: rec.radio.scanner
RI>Organization: The Internet Access Company

RI>Radio Shack PRO-2006 Scanner for sale:

RI>Excellent condition
RI>Purchased on 11/6/93
RI>Has been modified for cellular reception

RI>$300.00

Rich,

Good price and I'm interested please contact me at
703-491-5831 (home) 703 550 6215 (work has voice mail). Or
leave a number where I can contact you!!!

Brian Flues
***
* SLMR 2.1a * S ucidal Dyslexic jumps behind train!! Film at eleven!!

Fidonet: Brian Flues 1:109/239
Internet: Brian.Flues@f239.n109.z1.fidonet.org

952. Re: 2006 Original Equip Antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-25 01:11:14 UTC
From: copeland@metronet.com
Message-ID: <Cv2GMq.FFJ@metronet.com>
Source record: 270104

In article <33g2ap$dtj@engnews2.eng.sun.com>, Robert Allen <rja@Sun.COM> wrote:
>In article J29@netcom.com, hwang@netcom.com (Ed Hwang) writes:
>>In article <aubertCv15AJ.xs@netcom.com>,
>>Dante Aubert <aubert@netcom.com> wrote:
>>>: Anyways, I was hoping to draw upon the net-experience to confirm that the
>>>: stock antenna is crummy, and not that my scanner is defective! :-)
>>>
>>>Check the attenuator switch on the back of the scanner, it may have
>>>been accidentally switched on!
>>
>>Nope, first thing I checked. I played around with it some more last
>>night and my Pro-46 definitely out performs the Pro 2006 in the cordless
>>frequency range. The 46 was able to pick up weaker signals and with less
>>noise. This was done with both scanners side-by-side and swapping
>>antennas back and forth.
>
> The 2006 is supposedly less sensitive than the
> handhelds or mobiles that RS sells. The thinking
> is that it will likely be hooked up to a bigger
> antenna and so you don't want it to overload on
> signal. The 2026 (?) mobile is much more sensitive,
> but I assume that it could overload if hooked up
> to a large stationary antenna.

My 2006 is more sensitive than my pro-43 when both side by side with
stock antennaes. The 2006 has a attenuator switch on back for when
you hook up a outdoor antenna.

--

| copeland@metronet.com |
---

953. Re: Can I fix this problem? PRO-34

Newsgroup: rec.radio.scanner
Date: 1994-08-25 01:29:51 UTC
From: pettysm@iglou.iglou.com
Message-ID: <1994Aug25.012951.11893@iglou.com>
Source record: 270105
Cross-posted to: alt.radio.scanner,rec.radio.scanner

ANDREW S GELINA (GRIDE@UCSVAX.UCS.UMASS.EDU) wrote:
: I have a PRO-34 that says it covers like 30-54 MHz in addition to all of the
: other fine freq's. It does not. I got it a week ago, secondhand, and I
: immediately modded for full 800 MHz. I did not restore 66-88 MHz. I noticed
: the next day that I got "Error" when I tried to program in 49.000 for
: a limited scan range. I cannot get, manually or automatically, 30-54
: MHz to work.
: In short, does anyone know what is wrong w/my scanner? Did I screw it up
: (that sucks)? I mean, either way I am stuck with it, but would feel a
: little better if I did not dog the thing myself. Let me know if you
: are knowledgeable enough to have an insight. Thanks.

You cut The Wrong diode. That's All There Is To It... I don't remember
the mods to the PRO-34 anymore, even though mine is thrown behind the
seat in my car ready to grab on the run... Look back at the FTP site and
get the correct mods, replace the diode for 30-54 and cut the one for
full 800 and don't screw with it anymore.... (ABOVE ALL count the diodes
from the correct end!; that's usually the mistake that's made...)

--
<pettysm@iglou.com> *SMACK* Gooooooodnight Everybody!...And Gooooooodbye Nurse!
Anything To Stupid To Be Said Is Sung. Anything To Stupid To Be Sung Is Typed.
"I Just Can't help Myself; for I Am The Very Model Of A Cartoon Individual."
No Your Opinion, My Opinion! Babs or Yakko? "I'm So Confused!"

954. Re: PRO-43...any mods?

Newsgroup: rec.radio.scanner
Date: 1994-08-25 01:36:24 UTC
From: gdallal@world.std.com
Message-ID: <Cv2Hsp.Iwn@world.std.com>
Source record: 270106

Chris Foote (Wilbraham & Monson Acad. 96) (cfoote@k12.ucs.umass.edu) wrote:

: Hello,
: I just purchased a PRO 43 scanner from the Shack. Subject says it all. What
: do I need to check to see if I can modify the unit, and how do I go about by
: doing it? Any keyboard mods as well?

: Also, why would the Shack make it so easy to access the 800Mhz "restricted"
: bands on the '51 by a keyboard "password" ?

I suspect it was an accident. They just didn't take account of what the
combination of test mode and direct scan would do.

955. Re: 21 Cell freqs: What are they?

Newsgroup: rec.radio.scanner
Date: 1994-08-25 02:01:49 UTC
From: kbeck@netcon.smc.edu
Message-ID: <1994Aug25.020149.29713@netcon.smc.edu>
Source record: 270111

There are 21 control channels on both the A and B side carriers. Is this what you are looking for? If so, channels 313 - 333 are the "A" system control channels. Channels 334 - 355 are the control channels for the "B" system. As to the channels assigned to the specific sector, that is another story. It normally going to follow a standard, such as every 21 channels.
<Karl>

956. handicnt.zip - Optoelectronic 3000A & M1 handicounter reviews

Newsgroup: rec.radio.scanner
Date: 1994-08-25 02:41:56 UTC
From: bmork@opus-ovh.spk.wa.us
Message-ID: <9408250241.kp9000@SimTel.Coast.NET>
Source record: 270107
Cross-posted to: comp.archives.msdos.announce,sci.electronics,rec.radio.scanner,rec.radio.amateur.homebrew

I have uploaded to the SimTel Software Repository (available by anonymous
ftp from the primary mirror site OAK.Oakland.Edu and its mirrors):

SimTel/misc/hamradio/
handicnt.zip Optoelectronic 3000A & M1 handicounter reviews

handicnt.zip contains two text documents, reviewing Optoelectronic's
3000A and M1 handicounters, capable of time domain measurements on
directly coupled and RF signals up to the gigahertz range. These have
attained leading market position and are advertised in most Amateur
Radio/electronic magazines. I have owned both of these meters and after
running them them through the ringer, summarized my findings in these
technically accurate reports, unbiased by advertisement dollars. Other
users and possible owners will be interested in what they can - and
can't - do.

FreeText. Uploaded by the author.

Brian Mork
bmork@opus-ovh.spk.wa.us
ka9snf@ka7fvv.#ewa.wa.usa
6006-B Eaker, Fairchild, WA 99011
V:509-244-3764 D:509-244-9260

957. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-25 03:48:17 UTC
From: daheinen@connected.com
Message-ID: <33h4a1$g10@hebron.connected.com>
Source record: 270112

Alex O Leu (orion1@iastate.edu) wrote:

{deletia}

: I am one who could care less if people have scanners in there homes as long
: as they stay away from the scene.

I will operate a scanner wherever the hell I chose to. If your department
is so stupid as to communicate "in the clear" I will listen, if it causes
interest, I WILL GO SEE.

: And yes I have been assisted by scanner listeners on more than one occasion.
: And yes I appreciate the help as long as they stay out of the way.

SEE ABOVE.

: The reason cops get an "attitude" is because they get tired of people
: sticking there nose into situations where they just cause more problems. I
: know I am one. I ask everyone to be more tolerant because until they have a
: life placed in jeoprady or a case botched because of a scanner, you can
: never understand.

Botched by a scanner ? What a foolish statement. Botched by a stupid
department who figures that "the public" has no right to listen, and act
on the information obtained.

{deletia}

: It sounds to me like you have a bad attitude. Give them a break. Unless
: you are a cop and in the situations they encounter then I recommend you just
: quiet down. I feel sorry that you have such a poor opinions of cops,
: because without them we would all be in a world of hurt. You are right law
: enforcement isn't like on TV. It is 90% boredom and 10% terror, but
: remember that 10% may be the ultimate scarifice(i.e. his/her life).

Don't expect to "get a break" from scanner users. They are
excercising their right to listen, and their right to go see what
interests them.

The ONLY way you will "get a break" is if your department is savvy enough
to go to encrypted signals. No, I'm not talking about the silly "voice
scramblers" sold by Motorola and GE, I'm talking about the use of proper
technology for private communications. Like 64 kilobit spread spectrum ,
and the data stream encrypted with a decent DES algorithm.

Yes, it costs more, but, it is THE ONLY WAY to ensure privacy in
radio communications. Otherwise you're kidding yourselves by thinking
that this world we live in is occupied by kind benevolent people.

(scenario mode on)

Gosh, Captain, they listen to us, but maybe if we ask nice, they won't
come to the address that we just announced to 20 thousand listeners...

(scenario mode off)

{deletia}

: I can
: tell you do not know much about cops because there is no such thing as a cop
: without an attitude, trust me I have been around quite a few more than you
: have. Before you go running your fingers off, I ask that you try to think
: because you are just going to make it worse for yourself in the long run.

As much as I personally appreciate what one cop did for me once, you blew
it here.

When all else fails THREATEN.

So tell us, really, how can he "make it worse" for himself ? Will
you look him up and give him the Rodney King treatment ? Put his
name and address into the FBI computers as a "suspect" ? Maybe he has
a bad attitude, maybe some cop with "an attitude" met him once or twice.

I don't give a damn about your or his attitude. Just your communications.
I believe that is what this group is about.

If cops continue to use STUPID communications, like old fashioned
narrowband FM, transmitted in the clear, then I figure that they will
continue to deal with somebody hearing it and "getting in the way".

Dean

(a professional communications engineer, with no patience for the absurd)

BTW, yes I'm rude. See me if you really do want privacy in radio
communications. I can see to it that NO ONE unauthorized will recieve you.

958. PRO-43 mods needed please.

Newsgroup: rec.radio.scanner
Date: 1994-08-25 05:49:33 UTC
From: kipt@ripco.com
Message-ID: <Cv2tIL.G4w@rci.ripco.com>
Source record: 270114

as the title says, i really need help with pro-43 mods. please send me all replies and solutions via e-mail as i do not have access to ftp or telnet. i would appreciate everyone who can help me. thanks in advance. BTW, i heard there are new models of the '43 and would like to know if there are mods for those as well. thanks again.

--

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959. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-25 06:03:48 UTC
From: af546@yfn.ysu.edu
Message-ID: <33hc84$eqo@news.ysu.edu>
Source record: 270115

Are you kidding?
GMRS personal users are hitting the air in an ever increasing rate especially in urban areas.
If you will notice in the near future....If us community repeater system operator don't watch it, it may turn into the dreaded cb of the future.

Already I am investing into a Connect Systems TP-154 PLUS in anticipation of the proplem users. I will be switching over to DCS tone as soon as the box is opened.
--

960. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-25 06:18:18 UTC
From: af546@yfn.ysu.edu
Message-ID: <33hd3a$f03@news.ysu.edu>
Source record: 270117

"...but are far less of 2m or 70cm..."

Most GMR system repeaters here in Cincinnati have equal the coverage
of most commercial business radio systems.

Coverage extends far out into the fringe suburbs and in to surrounding
Dayton Ohio. My system has good saturation for about 40 to 50 miles
with a good share of noisey spots of course.

Granted 148 mhz systems reach farther, but don't make serious interested
individuals think that GMR is just an over glorified "Backyard Communications
Device". The users on my system never have asked me for wider coverage
so I can safely assume that families today can rely on GMR for their
communications just as long as we can keep tight control of our repeater
system from potential abuse. (Something that also occurs on Ham bands too)
--

961. Re: rec.radio.scanner alt.radio.scanner

Newsgroup: rec.radio.scanner
Date: 1994-08-25 06:19:05 UTC
From: HARRY ROBERTSON <gascan@delphi.com>
Message-ID: <5ewTlnR.gascan@delphi.com>
Source record: 270116

AndyCl168 <andycl168@aol.com> writes:

>>> Does anyone know anything definate about the new 1000 channel radio?
>>> Will it be modifiable to get the full 800MHz range?

I can only say that I enjoy my BC2500. It might well meet your needs.

good luck
Harry the hat

"orchides forum trahite cordes et mentes veniant"

962. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-25 07:17:17 UTC
From: pim@drifter.ucsd.edu
Message-ID: <33hght$1hr@network.ucsd.edu>
Source record: 270123
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

In article <33g2j6$7b8@news.iastate.edu> kenman@iastate.edu (Kenneth D Anderson) writes:

>And three times as many people are killed each year due to knives than are
>killed by all firearms.

I hope that you realize that you have it backwards.
1992 firearms 15,3777 homicides
1992 knives 3,265

Not even 3 to 1 but closer to 5 to 1.

Regards
Pim van Meurs
>--
>Ken Anderson N0ZEM PH: 515.294.8996 Kenman@iastate.edu
>126 Soil Tilth Bldg. N0ZEM@KI0Q.#CIA.IA.USA.NA
>Iowa State University, Ames, Iowa 50011

--
Pim van Meurs
Scripps Institution of Oceanography La Jolla CA

963. For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-25 10:44:00 UTC
From: jason@cpubbs.cuug.ab.ca
Message-ID: <e0b2_768a2b0e@cpubbs.cuug.ab.ca>
Source record: 269940

> I heard about a cell call to the local police station. The officer
> making the
> call said he used the cell phone to report he was going
> to arrest <name>, <address> and to request backup because he was
> afraid that
> if he used the radio, the individual's mother, who was always
> listening in
> on the scanner and would tip him off.

I have heard OF one exchange one time, I can't remember how it started, but two cruisers with two officers each were going to a residence on the local reservation for a dispute.

Telecom: "<complainant> wants you to return to the scene."

Officer: "Well, we keep on going back and they refuse to talk to us. Tell them we will NOT be coming back today.. and we'll go down there in a few minutes."

Telecom: ".... <officer>, we believe they have a scanner."

Officer: "Oooooook, well, tell them we're coming, then!"

:)

jason low jason@cpubbs.cuug.ab.ca derran@sdf3.cpubbs.cuug.ab.ca
REMR - Pump-A - Parts 1 & 2 - Driver - V-X Tech - Trench Tech - General Peon

964. Re: satellite times != monitoring times

Newsgroup: rec.radio.scanner
Date: 1994-08-25 10:52:59 UTC
From: mgfleury@netcom.com
Message-ID: <mgfleuryCv37KB.64L@netcom.com>
Source record: 270120

My understanding was that satellite times was a new publication, however when my 'sample' issue came the mailing label had a 1995 expiration date and I had not subscribed (nor do I have any interest to). Perhaps they just ran another batch of monitoring times labels, but it does not seem to be clear what they are doing.

965. Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-25 10:56:07 UTC
From: jcarter@orl.mmc.com
Message-ID: <33htc7$emt@theopolis.orl.mmc.com>
Source record: 270121

Caution on posting scanner mods here.

FCC FINES CAN REALLY HURT - The FCC has been known to hand out some pretty stiff fines for infractions of the rules. Recently, the FCC San Juan, Puerto Rico, office issued a fine of $7,000 to NP4VG for willful interference to another amateur station. NP4VG was operating an otherwise legal repeater which interfered with the WP4CNU repeater, which was a coordinated repeater (NP4VG's was not). In another action, the FCC fined Ace Communications of Fishers, Indiana, $20,000 for marketing illegal scanner radios (cellular phone capable). Ads for the scanner ran in 73, CQ and Popular Electronics.

From: VARA NEWSLETTER August 1994

0 0 000 0 0 000 00 0 0 | James A. Carter | Jcarter@orl.mmc.com
0 0 0 0 0 0 0 0 0 0 00 0 | FCC Lic. KD4PON | These views are my own and
00 0 0 0000 000 0 0 0 00 | 1-(407)356-5879 | are in no way connected
0 0 0 0 0 0 0 0 0 00 | Martin Mariettia | to MARTIN MARIETTIA.
0 0 000 0 0 00 0 0 | Orlando, FL 32855 | Thanks Jim

966. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-25 11:59:00 UTC
From: BMORK@OPUS-OVH.SPK.WA.US
Message-ID: <93.730.7592.0NFB2F7D@OPUS-OVH.SPK.WA.US>
Source record: 269563

Message-ID: <7o2LRc1w165w@opus-ovh.spk.wa.us>
Newsgroup: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner
talk.politics.guns
Organization: Lutron - Pacific Northwest

crisp@netcom.com (Richard Crisp) writes:

> If you don't believe the part about manipulating the media, explain to
> me how come most Americans believe more people die each year as a result
> of being shot by an assault weapon than die as a result from a car
> accident?
>
> here are some stats:

Good stats, but here's a real kicker I came across from a Univ of Ill
researcher (report out about 4 months ago). Guns were three times more
likely to be used in the prevention of a crime than assisting one.
Make guns illegal and the good guys won't have them. Guess what the
same survey will show in a few years? *Of course* a lesser percentage
will be used to deter crime!

If the results are wrong, ignore them and make a law to stack the deck
better the next time around!

The researcher that wrote this report went through a heart-wrenching
realization (he self-proclaimed that he wanted results the other way,
since he wanted to restrict guns). His conclusion was welcome:

Rather than make some guns illegal for all people, make all guns illegal
for some people (convicted users).

Brian Mork UUCP bmork@opus-ovh.spk.wa.us / ARO ka9snf@ka7fvv.#ewa.wa.usa
.... USMail 6006-B Eaker, Fairchild, WA 99011
.. .. .. .V:509-244-3764 D:509-244-9260

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

967. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-25 11:59:05 UTC
From: bmork@opus-ovh.spk.wa.us
Message-ID: <7o2LRc1w165w@opus-ovh.spk.wa.us>
Source record: 269949
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

crisp@netcom.com (Richard Crisp) writes:

> If you don't believe the part about manipulating the media, explain to
> me how come most Americans believe more people die each year as a result
> of being shot by an assault weapon than die as a result from a car
> accident?
>
> here are some stats:

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If the results are wrong, ignore them and make a law to stack the deck better the next time around!

The researcher that wrote this report went through a heart-wrenching realization (he self-proclaimed that he wanted results the other way, since he wanted to restrict guns). His conclusion was welcome:

Rather than make some guns illegal for all people, make all guns illegal for some people (convicted users).

Brian Mork UUCP bmork@opus-ovh.spk.wa.us / ARO ka9snf@ka7fvv.#ewa.wa.usa
.... USMail 6006-B Eaker, Fairchild, WA 99011
.. .. .. .V:509-244-3764 D:509-244-9260

968. Re: RS PRO-2006 Closeout

Newsgroup: rec.radio.scanner
Date: 1994-08-25 12:00:57 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.109.000C046A@cornell.edu>
Source record: 269954

>I've just heard that Radio Shack is closing out the PRO-2006
>for $299, where units are still available. Last chance!

>Good listening.

>Jim

try $199.95 at last area hamfest. The local RS imported all they could find
from area RS stores. New in the box with full warranty. If you paid more
within the last 30 days take it back and tell them that RS Ithaca, NY price
is $199.95. Who knows it might work.

969. Re: Gmrs

Newsgroup: rec.radio.scanner
Date: 1994-08-25 12:06:00 UTC
From: BMORK@OPUS-OVH.SPK.WA.US
Message-ID: <93.731.7592.0NFB2F7E@OPUS-OVH.SPK.WA.US>
Source record: 269327

Message-ID: <222LRc2w165w@opus-ovh.spk.wa.us>
Newsgroup: rec.radio.scanner,alt.radio.scanner,
Organization: Lutron - Pacific Northwest

holtzman@shazam.ecs.csus.edu (Jim Holtzman) writes:

> Does anybody know of any good places to look for information on GMRS info?
> License requirements, power levels, frequency ranges, etc? I see stuff
> on the ham groups sometimes. Any info would be appreciated.

What do you need to know? I took the test, and since then, have become
a regional examiner for one of the FCC contract testers. There are
several competing testing agencies. The most well known, that I know
you could easily get hold, I have a bad attitude toward, so I'll skip
those specifics (sorry).

I could get you names, addresses, and phone #'s for all the testers
if that's what you need.

Brian Mork UUCP bmork@opus-ovh.spk.wa.us / ARO ka9snf@ka7fvv.#ewa.wa.usa
.... USMail 6006-B Eaker, Fairchild, WA 99011
.. .. .. .V:509-244-3764 D:509-244-9260

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

970. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-25 12:06:48 UTC
From: bmork@opus-ovh.spk.wa.us
Message-ID: <222LRc2w165w@opus-ovh.spk.wa.us>
Source record: 269946
Cross-posted to: rec.radio.scanner,alt.radio.scanner,

holtzman@shazam.ecs.csus.edu (Jim Holtzman) writes:

> Does anybody know of any good places to look for information on GMRS info?
> License requirements, power levels, frequency ranges, etc? I see stuff
> on the ham groups sometimes. Any info would be appreciated.

What do you need to know? I took the test, and since then, have become
a regional examiner for one of the FCC contract testers. There are
several competing testing agencies. The most well known, that I know
you could easily get hold, I have a bad attitude toward, so I'll skip
those specifics (sorry).

I could get you names, addresses, and phone #'s for all the testers
if that's what you need.

Brian Mork UUCP bmork@opus-ovh.spk.wa.us / ARO ka9snf@ka7fvv.#ewa.wa.usa
.... USMail 6006-B Eaker, Fairchild, WA 99011
.. .. .. .V:509-244-3764 D:509-244-9260

971. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-25 12:22:00 UTC
From: shen@pt9222.ped.pto.ford.com
Message-ID: <33i2d8$esk@pt9201.ped.pto.ford.com>
Source record: 270122
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Jim Holtzman (holtzman@shazam.ecs.csus.edu) wrote:
: Somebody was kind enough to respond to my questions about GMRS, and I thank
: you. One of the responses was an organization that helps with licensing.
: Could whomever responded with that info please do it again? I was in the
: processing of saving the post, and something crashed.

: Thanks in advance

: James Holtzman kc6ncg (holtzman@shazam.ecs.csus.edu)

If the PRSG (Personal Radio Steering Group) is the organization that you need,
its phone number is (313)-662-4533 located in Ann Arbor, Michigan. PRSG has
a membership fee of $30/year for a montly newsletter and a starter's kit. It
also has a modem line at (313)-995-2100 with 8-bit no parity setting.

972. Re: satellite times != monitoring times

Newsgroup: rec.radio.scanner
Date: 1994-08-25 12:59:52 UTC
From: crisp@netcom.com
Message-ID: <crispCv3DFs.AMx@netcom.com>
Source record: 270124

In article <33fb3i$oll@search01.news.aol.com> malxndr@aol.com (Malxndr) writes:
>In article <Cv07Iw.3BM@boi.hp.com>, jqtaylor@boi.hp.com (John Quill
>Taylor) writes:
>
>I rec'd a copy of the new ST too. Good idea, badly executed, IMHO. You
>think the fact that Icom took at several ad pages, including the back
>cover touting an IC820H, had anything to do with the favorable review of
>the IC820H inside? I can't tell where the advertising stops and the
>editorial begins.

The confusion of ad copy vs editorial boundary is a common theme in
Grove's other publication, MT. I personally get pretty turned off
by this. I wish Bob would either be a publisher or an equipment
dealer, but not both.

I also think the ST magazine is a nice idea, the first issue has
good information in it, but I wonder if they can sustain it
with quality info or if it will become a big infomercial for the
stuff Bob is out to sell....

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

973. Re: 890XLT vs Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-08-25 13:18:58 UTC
From: rwm@Central.KeyWest.MPGN.COM
Message-ID: <rwm.777819063@Central.KeyWest.MPGN.COM>
Source record: 270026

domonkos@access.digex.net (Andy Domonkos) writes:

>Can anyone hwo has experience w/the tow of these scanner please share
>your findings? Thanks.

Ok, I have a 890XLT, and a friend here at work has a 2006.

Both are very good scanners but here are the key Differences:

o The 2006 is pretty much every frequency between 29mhz and 1.3ghz
while the 890XLT is missing Broadcast FM, and the TV Bands and only
goes up to about 950mhz. (both miss the cellular phone frequencies)
The official list for the 2006 is:
25mhz to 520mhz
760mhz to 1.3ghz (-cell frequencies)
AM,Narrow FM, and Wide FM selectable on all frequencies, but
defaults to the expected modulation. Seperations of 5khz, 12.5khz,
and 50khz are available.
The 890XLT is:
29mhz to 54mhz (NFM)
108mhz to 136.975 mhz (AM)
137mhz to 174mhz (NFG)
216mhz to 224.9875mhz (NFM)
225mhz to 399.9875mhz (AM)
400mhz to 512mhz (NFM)
806mhz to 956mhz (NFM) (-cell frequencies)
AM and NFM are not selectable. Seperations of 5khz, 12.5khz, and
25khz are avaiable.
o The 890XLT is a 200 channel scanner while the 2006 is a 400 channel
scanner. Both are 10 banks (i.e. 20 / bank and 40 / bank respectfully)
o I got my 890XLT for right at $300, he got his 2006 for $450 (but it is
now around $400).
o The 890XLT will scan at 100 ch/sec, while the 2006 is like 30 or so per
second.
o The 890XLT has a "Count" mode where it will display the number of times
a channel has broken sequelch. This is good for putting in a bunch of
frequencies and letting it scan them, then comming back to determine
which ones are really active.
o The 890XLT can only search up, while the 2006 can search up and down.
Both have limits on the search range.
o The 2006 seems to have a better grip on avoiding echos from other
frequencies, but on the other hand, both of us share the same rooftop
antenna, and I can pick up somethings he cant.
o The controls on the 890XLT are a little bigger than the 2006, which
means easier finding them in the dark (like when you listen from home

while you are going to sleep). There are fewer controls on the 890XLT
but the functionality is still there.
o The 890XLT has a WX button that searches the weather channels.
o The 2006 can set delays on individual channels. The 890XLT is all or
nothing.

So to sum it up, both are very good, but for about $100 less, you loose 200
channels, a hand few of frequencies, but you gain 100cps scanning, and a
pretty cool looking box.

Hope this helps!
Rob
--
Rob Miracle
Tantalus Inc.
rwm@mpgn.com
"You have a problem? I have a plan!" -- Anton Devious

974. BC220XLT birdies ?

Newsgroup: rec.radio.scanner
Date: 1994-08-25 13:26:33 UTC
From: jpotts@sad.hp.com
Message-ID: <33i669$ip6@hpscit.sc.hp.com>
Source record: 270025

I just purchased a BC220XLT scanner. It appears to have a birdie right next to the local police frequency I listen to on a very regular basis. The frequency of the birdie is 154.105 MHz. The frequency I am interested in listening to is 154.100MHz. I know that I can tune to 153.995MHz to listen to the police but that is not what I want. Does anybody know if all of the BC220's have this same birdie.

John Potts
jpotts@crl.com

975. PRO-43 availability

Newsgroup: rec.radio.scanner
Date: 1994-08-25 14:06:56 UTC
From: jwierzbicki@melpar.esys.com
Message-ID: <Cv3GJK.D8x@melpar.esys.com>
Source record: 270027

Hi boys and girls.

Called Merrymac (sp) yesterday. "No more modifiable PRO-43's".
Called Grove today. "No more modifiable PRO-43's".

Better go to Rat Shook.

John L. Wierzbicki --- jwierzbicki@melpar.esys.com
****
* "The very atmosphere of firearms anywhere and everywhere restrains *
* evil interference - they deserve a place of honor with all that's *
* good." ------- George Washington *
* *
****

976. Re: pro-51

Newsgroup: rec.radio.scanner
Date: 1994-08-25 14:09:48 UTC
From: domonkos@access.digex.net
Message-ID: <eNANkiubGcWO066yn@access.digex.net>
Source record: 270028

In article <1994Aug24.101216.2810@hnrc.tufts.edu>, Jerry Dallal wrote:

> > I purchased a PRO-51 two weeks ago, took it back and traded for a PRO-43.
> > The PRO-51 received more images than stations, lacked sensitivity, had a
> > horrible squeel when the transmission ended, but before the squelch cut in,
> > and lacked adequate volume. The PRO-51 is ok for the $199, but doesn't
> > match the PRO-43, which solved all of the problems except the lousy sound.
>
> The header confuses me about who wrote what, but this was my experience. I
> wanted a handheld I could lock in my desk at my office so I tried the 51.
> While it wasn't *quite* as bad as AB's, I returned mine (even though it meant
> eating a restocking fee; so sure was I that I bought it through a discounter)
> and got another 43. If it should turn out that the 62 comes out in the next
> few weeks and is not as secure as the ECPA would like, I may consider a switch
> to save $50 (the 62 is also a triple conversion unit), but I'm happy with the
> 43.

I have the Pro-51 and am very pleased w/it. I live 25 miles North of Baltimore
and the image problem isn't too bad except on 800 Mhz. The sensitivity is
superb and the audio is excellent. It is possible that the unit w/the squeal
was defective. I was tossing around the idea of trading in the Pro-51 for the
43 also but the keyboard mod and Hyperspeed scan feature are nice features.
I would not put an external antenna on this unit other than something like
the Comet's RH77BC (14 inch multiband rubber duck).

Andy

977. Re: PRO-51 'Surgical Mod

Newsgroup: rec.radio.scanner
Date: 1994-08-25 14:10:00 UTC
From: domonkos@access.digex.net
Message-ID: <hTANkiubGEqG066yn@access.digex.net>
Source record: 270029

In article <1994Aug24.101450.2811@hnrc.tufts.edu>, Jerry Dallal wrote:
> >
> > AD> I just picked up the PRO-51. I have the keyboard mod; what is the
> > AD> 'surgical' hardwired mod? Thanks in advance!
> >
> > There isn't a hardware mod for the '51.
> >
>
> Actually, one was posted to the net a few weeks ago. I suspect no one bothered
> to save it because the software mod had already been well publicized.

I remember the post but didn't save it since it was before I picked up my
unit; so much for 'hind sight'.

Andy

978. Re: 2006 Original Equip Antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-25 14:10:14 UTC
From: domonkos@access.digex.net
Message-ID: <VWANkiubGIqS066yn@access.digex.net>
Source record: 270030

In article <hwangCv1rzI.J29@netcom.com>, Ed Hwang wrote:
> In article <aubertCv15AJ.xs@netcom.com>,
> Dante Aubert <aubert@netcom.com> wrote:
> >: Anyways, I was hoping to draw upon the net-experience to confirm that the
> >: stock antenna is crummy, and not that my scanner is defective! :-)
> > >
> > >Check the attenuator switch on the back of the scanner, it may have
> > >been accidentally switched on!
> >
> > Nope, first thing I checked. I played around with it some more last
> > night and my Pro-46 definitely out performs the Pro 2006 in the cordless
> > frequency range. The 46 was able to pick up weaker signals and with less
> > noise. This was done with both scanners side-by-side and swapping
> > antennas back and forth.
> >
> > Has anyone else ever received a 2006 DOA?
> >
> > --
> > ---
> > Ed Hwang hwang@netcom.com
> > San Jose, California

Some handheld will outperform base units on sensitivity w/stock antennas.
The base units are optimized for use w/external multiband antennas, hand
helds are not. I just pick up the 2006 yesterday and I'll check it against
my handheld. It is possible the 2006 may lack sensitivity on some bands
w/respect to others. Don't return it yet...

Andy

979. Re: PRO-43...any mods?

Newsgroup: rec.radio.scanner
Date: 1994-08-25 14:37:00 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-250894073911@earl.llnl.gov>
Source record: 270031

In article <1994Aug24.233823.28844@k12.ucs.umass.edu>,
cfoote@k12.ucs.umass.edu (Chris Foote (Wilbraham & Monson Acad. 96)) wrote:

> Also, why would the Shack make it so easy to access the 800Mhz "restricted"
> bands on the '51 by a keyboard "password" ?

It was a Uniden oversight.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

980. Re: Icom Ct-17 Vs J-com I

Newsgroup: rec.radio.scanner
Date: 1994-08-25 15:01:00 UTC
From: CRISP@NETCOM.COM
Message-ID: <93.714.7592.0NFB2F6D@NETCOM.COM>
Source record: 269565

Message-ID: <crispCv3J2G.1w2@netcom.com>
Newsgroup: rec.radio.scanner,rec.radio.shortwave
Organization: Netcom Online Communications Services (408-241-9760 login: guest)

In article <Cv289B.FyI@nntpa.cb.att.com> zephyr@inuxs.att.com (Terry Florek)
writes:
>Does anyone know of any advantage to using the Icom CT-17
>interface over the J-Com interface cables ?? Does the Icom
>pass the S-meter signal or anything else that the J-Com
>will ignore ?
>
>Thanks in advance for your comments.
>
>Terry
>
>--
>
>Terry Florek WB9QDM
>AT&T Consumer Products Labs, Indianapolis, Indiana
>317-845-6157

the Icom CT17 is a nice box but is overpriced. It is really nothing
more than a level converter based on the MAX232 chip and its compatibles.

It is necessary to use one of the unused pins to pass the squelch break
signal from the R7000 to the box if you want to bring it into the
radio.

There is only a single signal coming from the radio to the ct17 and
it has a ground wire with it. My understanding is that the R7100
has a means for reading the s-meter, but I have not verified with mine.
I also understand that the R7000 and R71A do not support the s-meter
being read via the port. SO it is really a matter of the receiver
multiplexing the s-meter onto the signal wire rather than the
level converter offering or not offering S-meter support.

I hope you are successful with yoour project.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

981. Re: Icom CT-17 vs J-Com Interface Cable

Newsgroup: rec.radio.scanner
Date: 1994-08-25 15:01:28 UTC
From: crisp@netcom.com
Message-ID: <crispCv3J2G.1w2@netcom.com>
Source record: 270039
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <Cv289B.FyI@nntpa.cb.att.com> zephyr@inuxs.att.com (Terry Florek) writes:
>Does anyone know of any advantage to using the Icom CT-17
>interface over the J-Com interface cables ?? Does the Icom
>pass the S-meter signal or anything else that the J-Com
>will ignore ?
>
>Thanks in advance for your comments.
>
>Terry
>
>--
>
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>AT&T Consumer Products Labs, Indianapolis, Indiana
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It is necessary to use one of the unused pins to pass the squelch break
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There is only a single signal coming from the radio to the ct17 and
it has a ground wire with it. My understanding is that the R7100
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982. Re: 890XLT vs Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-08-25 15:16:40 UTC
From: lgenco@crl.com
Message-ID: <xCANkWpGkvd6070yn@crl.com>
Source record: 270033

domonkos@access.digex.net (Andy Domonkos) writes:

>Can anyone hwo has experience w/the tow of these scanner please share
>your findings? Thanks.

Andy -

Rob gave a very good list of differences between the two scanners, but he forgot to mention one very handy feature on the 890 that is not present on the 2006. That is, the capability of the 890 to automaticallly load active frequencies into specified memory banks. You can start out with empty memory banks, leave the radio on all night, and end up with most (if not all) of the banks filled with frequencies that were active during the night.

Unfortunately, many of those frequencies will be images of other frequencies. The 890 seems to be quite sensitive to imaging (cross-modulation), and I would -not- recommend it for a listener living near a cellular transmitter or in an RF-noisy environment.

Lou

------------------------Usual Disclaimers Apply-------------------------
Internet: lgenco@crl.com Lou.Genco@LChance.sat.tx.us
Ham Radio Packet: N5SGL @ K3WGF.#SAT.TX.USA tcp/ip: n5sgl@sat.ampr.org
----

983. Re: Opto 456 for Other scanners?

Newsgroup: rec.radio.scanner
Date: 1994-08-25 15:18:06 UTC
From: wwhitby@aol.com
Message-ID: <33icne$nfd@search01.news.aol.com>
Source record: 270034

I asked the same question a while back. I would love to have the Opto 456
for my RS 2022. Let me know what you find out.

tnx in advance,

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

984. Re: satellite times != monitoring times

Newsgroup: rec.radio.scanner
Date: 1994-08-25 15:19:00 UTC
From: greg@radar.safb.af.mil
Message-ID: <1994Aug25.091900.25701@cc.usu.edu>
Source record: 270043

>> original posting by: [mgfleury@netcom.com (Mark Fleury)]
>>My understanding was that satellite times was a new publication, however
>>when my 'sample' issue came the mailing label had a 1995 expiration date
>>and I had not subscribed (nor do I have any interest to). Perhaps they
>>just ran another batch of monitoring times labels, but it does not seem
>>to be clear what they are doing.

Not sure either Mark, my label has a 1993 expiration date. I haven't renewed my MT subscription
since then, so maybe they just used the MT database to print the mailing lables.

985. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-25 15:25:01 UTC
From: wwhitby@aol.com
Message-ID: <33id4d$njj@search01.news.aol.com>
Source record: 270035

As far as secured communications go, my local PD has started using SSB CB radios. They will say over VHF, "Go to your sideband radio" and use that for "private" communciations.

BTW, I am waiting for a scanning HF receiver that will let me discover the freq they are using and listen in.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL
"If its in the airwaves, its fair game"

986. Re: rec.radio.scanner alt.radio.scanner

Newsgroup: rec.radio.scanner
Date: 1994-08-25 15:32:58 UTC
From: gdallal@world.std.com
Message-ID: <Cv3Klz.9qt@world.std.com>
Source record: 270036

Perry Stokes (stokes@origin.ea.com) wrote:
: I want a scanner with at least 400 channels, and better coverage (200MHz, etc)

: Does anyone know anything definate about the new 1000 channel radio?
The PRO-2035 is in the new catalog. It's triple conversion, $449 list.

: Will it be modifiable to get the full 800MHz range?
In theory, no; in practice, we'll just have to wait and see.

987. Preferred customer

Newsgroup: rec.radio.scanner
Date: 1994-08-25 15:37:12 UTC
From: gdallal@world.std.com
Message-ID: <Cv3Kq1.BxA@world.std.com>
Source record: 270038

Has anyone received a new RS preferred customer card?

988. Re: Questions: Digital Sc

Newsgroup: rec.radio.scanner
Date: 1994-08-25 15:48:00 UTC
From: LPELLISS@ENSM-ALES.FR
Message-ID: <93.701.7592.0NFB2F60@ENSM-ALES.FR>
Source record: 269559

Message-ID: <33iefs$80a@thot.u-strasbg.fr>
Newsgroup: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy
Organization: Ecole des Mines d'Ales

In article <333n3t$jqf@nic-nac.CSU.net>
g9153402@huey.csun.edu (Berton Corson) writes:

> First, does anyone know when this will come, or even equal 50% of
> such calls? Digital cell phones are very expensive, when compared
> to the regular models, which are literally being given away.
Here in France the GSM system is very very inexpensive. In fact
some store sell one to you for FREE (but you have to subscribe for one
year to a telephone company). Also they are two operators of the GSM in
France (a third one is expected for soon!) so the competition between
them is very hard and the price decrease a lot. For example in the
beginning of the GSM (3 years ago) a such device cost 6000 FF (1 US$
for 6 FF) now you can find some at less than 1000 FF. It's totally
crazy (especially for scanner listenner). Moreover the GSM system is
scrambled so there is no {easy} way to listen them.
So I am very surprised to learn that in the US the digital
cellphones are so expensive.

--
Have fun, Laurent.

Laurent PELLISSIER Ecole des Mines d'Ales
School of Engineering (Computer Science Department), /bin/su
e-mail:lpelliss@ensm-ales.fr

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

989. Re: Questions: Digital Scanning, Cellphones, Transmissions

Newsgroup: rec.radio.scanner
Date: 1994-08-25 15:48:12 UTC
From: lpelliss@ensm-ales.fr
Message-ID: <33iefs$80a@thot.u-strasbg.fr>
Source record: 270032
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy

In article <333n3t$jqf@nic-nac.CSU.net>
g9153402@huey.csun.edu (Berton Corson) writes:

> First, does anyone know when this will come, or even equal 50% of
> such calls? Digital cell phones are very expensive, when compared
> to the regular models, which are literally being given away.
Here in France the GSM system is very very inexpensive. In fact
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year to a telephone company). Also they are two operators of the GSM in
France (a third one is expected for soon!) so the competition between
them is very hard and the price decrease a lot. For example in the
beginning of the GSM (3 years ago) a such device cost 6000 FF (1 US$
for 6 FF) now you can find some at less than 1000 FF. It's totally
crazy (especially for scanner listenner). Moreover the GSM system is
scrambled so there is no {easy} way to listen them.
So I am very surprised to learn that in the US the digital
cellphones are so expensive.

--
Have fun, Laurent.

Laurent PELLISSIER Ecole des Mines d'Ales
School of Engineering (Computer Science Department), /bin/su
e-mail:lpelliss@ensm-ales.fr

990. LIRC radio frequencies

Newsgroup: rec.radio.scanner
Date: 1994-08-25 15:49:11 UTC
From: P.J.Hinton@nd.edu
Message-ID: <33iehn$rsc@news.nd.edu>
Source record: 270037
Cross-posted to: rec.railroad,rec.radio.scanner

Thanks to a source that wishes to remain anonymous, here are the
frequencies being used by the Louisville and Indiana Railroad Company
(LIRC):

Channel 1 161.070 MHz AAR Channel 64, Conrail Channel 2
Channel 2 160.860 MHZ AAR Channel 50, Conrail Channel 3

The LIRC operates the ex-Conrail (nee-Pennsylvania Railroad) Louisville
Secondary line that runs from Indianapolis to Jeffersonville. It is
owned by Anacositia Pacific, which also owns the freight operations of
the Chicago SouthShore and South Bend Railroad (CSS). Indiana communities
served by the LIRC include Greewood, Columbus, Seymour, Scottsburg, and
Sellersburg.

Regards,

P.J. Hinton
Graduate Student--University of Notre Dame Chemical Engineering Department

INTERNET: P.J.Hinton@nd.edu

991. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-25 16:14:28 UTC
From: <>
Message-ID: <33ig14$io8@wizard.uark.edu>
Source record: 270041

wwhitby@aol.com (Wwhitby) writes:

>As far as secured communications go, my local PD has started using SSB CB
>radios. They will say over VHF, "Go to your sideband radio" and use that
>for "private" communciations.

Where is this!?!? First I've heard of cops using CB as "secure"
communications.

It could be a reference to another channel on their system. I've heard
various PDs refer to: back channel, private channel, code <various>, side
channel (not sideband, tho'), etc. I can't belive they think they are
getting privacy ...

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

992. Re: My Chat With The Whit

Newsgroup: rec.radio.scanner
Date: 1994-08-25 16:27:00 UTC
From: ROGUE@CCS.NEU.EDU
Message-ID: <93.717.7592.0NFB2F70@CCS.NEU.EDU>
Source record: 269325

Message-ID: <33igq7$4ts@narnia.ccs.neu.edu>
Newsgroup: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner
comp.org.eff.talk
Organization: College of Computer Science, Northeastern University

In article <Cv2A94.6G6@rci.ripco.com>, Glen Roberts <glr@ripco.com> wrote:
[...]
>Actually, I did that. It made a different too. One police officer in
>Lindenhurst, Illinois, took to running the license plates of all
>vehicles in our drive way (for no legitimate police purpose), and
>when I was discussing it with their boss (the village mayor), he asked
>how I knew the officer was doing that... when I said I heard it on the
>scanner, the Mayor said, "well, that will stop," and it did.

yes, I bet 'it' stopped. 'It' being using open freqencies to call in
the plates of the cars in your driveway. Now he writes them down &
brings them into the station.

Made a difference. Uh huh.

RA

rogue@ccs.neu.edu (Rogue Agent/SoD!/TOS/KoX/ACT Kha Khan) - pgp key on request
---
The NSA is now funding research not only in cryptography, but in all areas
of advanced mathematics. If you'd like a circular describing these new
research opportunities, just pick up your phone, call your mother, and
ask for one.

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

993. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-25 16:27:51 UTC
From: rogue@ccs.neu.edu
Message-ID: <33igq7$4ts@narnia.ccs.neu.edu>
Source record: 270040
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

In article <Cv2A94.6G6@rci.ripco.com>, Glen Roberts <glr@ripco.com> wrote:
[...]
>Actually, I did that. It made a different too. One police officer in
>Lindenhurst, Illinois, took to running the license plates of all
>vehicles in our drive way (for no legitimate police purpose), and
>when I was discussing it with their boss (the village mayor), he asked
>how I knew the officer was doing that... when I said I heard it on the
>scanner, the Mayor said, "well, that will stop," and it did.

yes, I bet 'it' stopped. 'It' being using open freqencies to call in
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RA

rogue@ccs.neu.edu (Rogue Agent/SoD!/TOS/KoX/ACT Kha Khan) - pgp key on request
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of advanced mathematics. If you'd like a circular describing these new
research opportunities, just pick up your phone, call your mother, and
ask for one.

994. Correction Of Scanner Ban

Newsgroup: rec.radio.scanner
Date: 1994-08-25 16:32:00 UTC
From: CRISP@NETCOM.COM
Message-ID: <93.739.7592.0NFB2F86@NETCOM.COM>
Source record: 269569

Message-ID: <crispCv3nAE.931@netcom.com>
Newsgroup: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner
Organization: Netcom Online Communications Services (408-241-9760 login: guest)

In article <pffinch.78.000BA8F3@cerfnet.com> pffinch@cerfnet.com (Phillip
Finch) writes:
>
>>In article <CuLH62.2Es@avalon.chinalake.navy.mil> Daniel Warren
<WarrenD@env05.chinalake.navy.mil> writes:
>>>In article <crispCuFAK0.3oo@netcom.com> Richard Crisp, crisp@netcom.com
>>>writes:
>>>
>>>[a long discussion of a proposed bill to restrict scanning deleted]
>>>
>>>Unfortunately, this excellent discussion does not contain the Bill
>>>Number, something which would be nice to have if you plan on contacting
>>>your congressman. Anyone know what it is?
>
>Richard Crisp writes:
>
>>It is HR3822. The original info I found did not have the bill number but
>>our fellow worrier, Mr. Glover, was good enough to send the bill number
>>to me. I believe it is called the Digital Telephony Bill.
>
>I just telnetted to the Library of Congress.
>
>HR3822 is basically an IRS bill giving tax breaks for the construction of new
>marine vessels.
>
>Phillip Finch (pffinch@cerfnet.com)

I am very sorry: the number is 4922. Sorry for the confusion.

attached is the header from the bill:

103d Congress H. R. 4922 As Introduced in the House

Note: This document is the unofficial version of a Bill or Resolution.
The printed Bill and Resolution produced by the Government Printing
Office is the only official version.

VERSION As Introduced in the House
CONGRESS 103d CONGRESS
2d Session
BILL H. R. 4922
TITLE To amend title 18, United States Code, to make clear a

telecommunications carrier`s duty to cooperate in the
interception of communications for law enforcement purposes,
and for other purposes.

IN THE HOUSE OF REPRESENTATIVES
AUGUST 9, 1994
Mr. Edwards of California (for himself and Mr. Hyde) introduced the
following bill; which was referred to the Committee on the
Judiciary

TEXT A BILL
To amend title 18, United States Code, to make clear a
telecommunications carrier`s duty to cooperate in the
interception of communications for law enforcement purposes,
HR 4922 IH - - 2
.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

995. correction of Scanner Ban Bill number = HR4922!!!!

Newsgroup: rec.radio.scanner
Date: 1994-08-25 16:32:38 UTC
From: crisp@netcom.com
Message-ID: <crispCv3nAE.931@netcom.com>
Source record: 270042
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <pffinch.78.000BA8F3@cerfnet.com> pffinch@cerfnet.com (Phillip Finch) writes:
>
>>In article <CuLH62.2Es@avalon.chinalake.navy.mil> Daniel Warren
<WarrenD@env05.chinalake.navy.mil> writes:
>>>In article <crispCuFAK0.3oo@netcom.com> Richard Crisp, crisp@netcom.com
>>>writes:
>>>
>>>[a long discussion of a proposed bill to restrict scanning deleted]
>>>
>>>Unfortunately, this excellent discussion does not contain the Bill
>>>Number, something which would be nice to have if you plan on contacting
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For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

996. Re: clear memory of 200XLT

Newsgroup: rec.radio.scanner
Date: 1994-08-25 17:49:44 UTC
From: walls@enuxsa.eas.asu.edu
Message-ID: <Cv3quy.CMy@ennews.eas.asu.edu>
Source record: 270052

In article <1994Aug23.225138.26854@spartan.ac.brocku.ca>,
Douglas Wilson <dwilson@ac.brocku.ca> wrote:
>John Warnick (jwarnick@flaixy.amsinc.com) wrote:
>: I tried clearing the memory of my Bearcat 200xlt by removing the battery
>: (for three days!) but the memory did not clear. Does anyone know the
>: keyboard sequence to clear the memory?
>: thanks -jw
>
>--
>While holding down the following buttons 2, 9 and MANUAL, turn your scanner
^^^^^^^^^^^^
>on. This sequence will erase all memory and reset your 200xlt.

Ah, ha! This is the very first post that I've seen that says "hold down"
instead of "press" 2, 9, and MANUAL. This explains why the tricks have never
worked for me.
--
Who is John Galt? | Clinton is as Clinton does.
"Law-abiding adults should always be free to own guns to protect their homes."
(as long as the guns aren't black, or affordable, or ...) - Bill Clinton
Gerald Walls (int_walls@ecc6.ateng.az.honeywell.com) (walls@enuxsa.eas.asu.edu)

997. Re: frequency guides

Newsgroup: rec.radio.scanner
Date: 1994-08-25 17:54:56 UTC
From: kjn@netcom.com
Message-ID: <kjnCv3r3K.FIv@netcom.com>
Source record: 270046

Doug Richardson (co063@cleveland.Freenet.Edu) wrote:

: if it wouldn't be to out of line, i'd like to
: open a discussion on the pro's and cons of the various frquency guides that
: are available to us scanner jocks.

I used to like Police Call best but for use in Calif. Mobile Radio Resources published two great guides one for the Local Govt/Police/Fire services called GOVERNMENT RADIO SYSTEMS, and another called MILITARY RADIO SYSTEMS. Both are outstanding in their accuracy. They are a bit pricey at $27.00 and $37.00 but have served me well for years. They're my favorites for use in CA.
--
Ken Navarre
kjn@netcom.com

998. Re: Gmrs

Newsgroup: rec.radio.scanner
Date: 1994-08-25 18:02:00 UTC
From: KJN@NETCOM.COM
Message-ID: <93.718.7592.0NFB2F71@NETCOM.COM>
Source record: 269568

Message-ID: <kjnCv3rG7.G8v@netcom.com>
Newsgroup: rec.radio.scanner,alt.radio.scanner,
Organization: NETCOM On-line Communication Services (408 261-4700 guest)

Jim Holtzman (holtzman@shazam.ecs.csus.edu) wrote:
: Does anybody know of any good places to look for information on GMRS info?
: License requirements, power levels, frequency ranges, etc? I see stuff
: on the ham groups sometimes. Any info would be appreciated.

Personal Radio Steering Group
P.O. Box 2851
Ann Arbor, MI, 48106
(313) MOBILE3 is the office phone
(313) 995-2100 is the BBS number

PRSG offers information on licensing, regulations, and user information
for interested parties.

I obtained a GMRS license for use when traveling with non-ham friends and
family members. I can give them a GMRS radio and we stay in touch
legally while crusing around. It's a MUCH better alternative than the old
cb...

Hope this helps.
--
Ken Navarre
kjn@netcom.com

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

999. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-25 18:02:31 UTC
From: kjn@netcom.com
Message-ID: <kjnCv3rG7.G8v@netcom.com>
Source record: 270044
Cross-posted to: rec.radio.scanner,alt.radio.scanner,

Jim Holtzman (holtzman@shazam.ecs.csus.edu) wrote:
: Does anybody know of any good places to look for information on GMRS info?
: License requirements, power levels, frequency ranges, etc? I see stuff
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family members. I can give them a GMRS radio and we stay in touch
legally while crusing around. It's a MUCH better alternative than the old
cb...

Hope this helps.
--
Ken Navarre
kjn@netcom.com

1000. MT Atlanta 1994

Newsgroup: rec.radio.scanner
Date: 1994-08-25 18:13:12 UTC
From: lee@tosspot.sv.com
Message-ID: <PsLmRc1w165w@tosspot.sv.com>
Source record: 269971

So, any of my fellow "scanner scum" going, apart from me?

Lee

1001. Re: Brown dot/yellow dot

Newsgroup: rec.radio.scanner
Date: 1994-08-25 18:22:40 UTC
From: kjn@netcom.com
Message-ID: <kjnCv3sDs.926@netcom.com>
Source record: 270048

Jason Thurston (jthurs@ukelele.gcr.com) wrote:
: jerry@hnrc.tufts.edu (Jerry Dallal) writes:

: >The Aug MT lists brown dot as 464.5 and yellow dot as 464.55.
: >My Mass scanner guide lists them as 454.5 and 454.55. I haven't
: >heard any traffic on any of these frequencies. Would someone tell
: >me which frequencies are correct?
: >Thanks.
: The 464 MHz ones are correct. Hope this helps!

Here's a list of the "dot" frequencies for those who don't already have them.

Freq	Mode	Ident	USE
151.625	NFM	Red Dot	Itinerant
154.570	NFM	Blue Dot	Itinerant
154.570	NFM	Blue Dot	Parking, Sound Director, Ops.
154.600	NFM	Green Dot	Itinerant
462.575	NFM	White Dot	GMRS
462.625	NFM	Black Dot	GMRS
462.675	NFM	Orange Dot	GMRS
464.500	NFM	Brown Dot	Itinerant
464.550	NFM	Yellow Dot	Itinerant

--
Ken Navarre
kjn@netcom.com

1002. Pro51 - my initial impressions

Newsgroup: rec.radio.scanner
Date: 1994-08-25 18:36:58 UTC
From: horak@convex.com
Message-ID: <33ioca$n6t@eugene.convex.com>
Source record: 270045

After reading the posts about the pro51 and salivating at the $199 price ($100 off list) I went to the local Rat Shack to check it out for myself since my old pro34 is getting tired. I can't carry my pro2006 with me and I hate to take my Yupi-7100 everywhere I go. So, I checked this pro51 out and did the keyboard mod while I was in the store. Also, I checked out the business/fire/police (850-870) band and found no cell images that were so prevelant on my pro34. I thought this was strange since the pro51 is a double conversion unit. Even the manual states an image problem 21 MHz *lower* than the actual frequency. Well, to my surprise, the images are in the 900 MHz band so this unit must be an UP conversion type! Horray! Now I can listen to the local cops without cell interference! Overall, the sensitivity doesn't seem bad at all and it scans like a bat out of Carlsbad at 50 CPS and searches at 100 CPS! I scarffed the pro51 up at the discount price and am pleased with it after the few hours I've had it. The 66-88 band appears dead (probably needs RF alignment or something) but I'll check that out when I can get out of this shielded building I'm in. The keyboard light stays on for 15 seconds after depressed, which I like! I was curious as to whether the MANUAL mode saves battery life as in the pro34 so I hooked up a current meter to the unit. In PGM and MANUAL the battery drain is a constant 64.5 ma on a non-active frequency. So, there appears to be no battery saving mode but the most current I saw it drain on an active channel was about 110 ma. The pro51 is small, lightweight and takes four AA batteries for power. It isn't a Yupi but it works for what I need. My pro34 was dying and you can't *enjoy* 800 MHz trunking with a Yupi due to the scan delay. My opinion is that if you can get it at the $199 price (for a few more days I'm told) get it. Otherwise, you may want something in a triple conversion model.

Enjoy,

David in Dallas

1003. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-25 19:08:19 UTC
From: msp@prism1.com
Message-ID: <Cv3uHw.Mqz@prism1.com>
Source record: 270053

Mike Harris (michaeha@soul.tv.tek.com) wrote:
: In article <339s4m$mqp@crl2.crl.com> vhealey@crl.com (Victor Healey) writes:
: >
: > I want everyone to stop immediately flaming droids by refering to
: >them as rat shack employees. Every droid I saw on Star Wars was far more
: >intelligent and capabable then what is employed by rs.
: >
: >3 cepo
: >

: At least most rs employees can spell their own name correctly you dumb droid!
: You name is 3cpo not 3 cepo.

Actually, it was c3po...

1004. AR 3000A / AR 8000 reviews?

Newsgroup: rec.radio.scanner
Date: 1994-08-25 19:23:09 UTC
From: Marcus Boehm <h9001648@obelix.wu-wien.ac.at>
Message-ID: <33ir2t$khp@osiris.wu-wien.ac.at>
Source record: 270047

I am looking for some specs for the AOR AR3000A and the
AR8000 scanners. Are there any reviews available on
the net?
How does the AR 8000 compare to the MVT 7100? Is it
possible to connect them to a PC/Mac?
Thanks for any help.
marc

1005. Freq Request

Newsgroup: rec.radio.scanner
Date: 1994-08-25 19:33:12 UTC
From: tarjan@testunix.em.doe.gov
Message-ID: <33irlo$da8@grendel.ius.indiana.edu>
Source record: 269947

I wanted to get a list of the police and government freqs in the DC/MD
area...

Thanks..

mail to tarjan@iastate.edu or post..

thanks

1006. Re: Icom CT-17 vs J-Com Interface Cable

Newsgroup: rec.radio.scanner
Date: 1994-08-25 20:04:09 UTC
From: steve@hi.com
Message-ID: <steve-250894160342@brainiac.hi.com>
Source record: 270050

The Icom CT-17 is an overpriced box containing exactly one Maxim 5 volt
RS232 chip.

Steve Byan internet: steve@hi.com
Hitachi Computer Products (America), Inc.
1601 Trapelo Road phone: (617) 890-0444
Waltham, MA 02154 FAX: (617) 890-4998

1007. Motorola radio software? where?

Newsgroup: rec.radio.scanner
Date: 1994-08-25 20:09:38 UTC
From: ab910@lafn.org
Message-ID: <1994Aug25.200938.14753@lafn.org>
Source record: 270060

Anybody know where a guy can find the Motherola software to program
Sabres and Jedi's and such. I've looked, don't think I haven't looked.
Thank you for your attenton.
Matthew D.

--
>>>

1008. Latest Intelligence: Revi

Newsgroup: rec.radio.scanner
Date: 1994-08-25 20:16:00 UTC
From: MC@SHORE.SHORE.NET
Message-ID: <93.722.7592.0NFB2F75@SHORE.SHORE.NET>
Source record: 269567

Message-ID: <33iu6i$gp2@shore.shore.net>
Newsgroup: rec.radio.scanner,alt.radio.scanner
Organization: North Shore Access; a service of Eco Software, Inc.

I am always intrigued by "secret information" books and when I noticed LATEST INTELLIGENCE by James E. Tunnell (TAB Books division of/McGraw Hill 1990, ISBN 0-8306-3531-9, $16.95) I just had to read it.

LATEST INTELLIGENCE describes itself as "an International Directory of Codes by Government, Law Enforcement, Military and Surveillance Agencies. Its a concise directory covering communication codes, radio frequencies, descriptions and explanations. It's absolutely fascinating!

The meanings of more than 35.000 terms, phrases, abbreviations and acronyms used in the intelligence, law enforcement, military and aeronautical communities have been compiled into one convenient, well-indexed volume. LATEST INTELLIGENCE was compiled with the assistance of the U.S. Department of Defense, INTERPOL, NASA, law enforcement and intelligence groups in America,Asia and Europe.

Stated objective of the book is "to provide fundamental information on subjects discussed in law enforcement, military and government radio communications". Topics range from radio codes used by law enforcement agencies to street slang for narcotics. A directory of worldwide law enforcement agencies is included.

Some of the "goodies" include:

* Amateur radio callsign prefixes (although these are somewhat dated, especially in regards to the former Soviet Union and its republics.)

* TV Audio frequencies including UHF translator channels and RCI sub-carriers.

* International Civil aircraft markings/identifiers.

* Cellular phone frequencies (both cellphone and repeater site) although for some unknown reason these are listed under Emergency Cellular Telephone Frequencies and they do not include the extended cellular band from 869.030 to 970.000 MHz.

* Worldwide emergency/distress and search-and-rescue frequencies.

* Federal law enforcement frequencies, including a comprehensive list of Immigration - Border Patrol

* Fire 10-codes.

* Traffic "prowords" and Q signals.

* Security clearance basics.

* Lists of sources of information on how and where to buy government surplus materials. This info alone is well worth the price of the book!

* Repeater frequencies used by Highway Patrols.

* Social Security Numbers codes decoded.

* Law Enforcement 10-codes (lists several meaning for each 10-code so this can be very confusing).

* List of U.S. Military Bases, Stations and related installations worldwide.

* comprehensive bibliography and list of resources.

and a whole lot more......

Overall my impression of this book is that it is very useful as a reference to general radio monitoring. My criticism is that it is somewhat dated (1990) although most of the information is still current. I was somewhat amused by the author's definition of a "Johnson" (street slang for a stolen vehicle). My knowledge of this word used in this context is something quite different). GLA is defined as an abbreviation for grand larceny - and it is my understanding that GLA specifically refers to auto theft - grand larceny auto. I noticed several errors (but these are bound to occur especially in a work that contains so much information.)

LATEST INTELLIGENCE has been prepared as a ready-reference guide to short-wave radio and scanner listening. LATEST INTELLIGENCE is a good bargain at $16.95 and bills itself as "the most comprehensive and up-to-date communications tool you can have on your bookshelf."
It has been placed in a prominent position on mine!

Michael Crestohl, KH6KD/W1

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

1009. LATEST INTELLIGENCE: review and critique

Newsgroup: rec.radio.scanner
Date: 1994-08-25 20:16:18 UTC
From: mc@shore.shore.net
Message-ID: <33iu6i$gp2@shore.shore.net>
Source record: 270051
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I am always intrigued by "secret information" books and when I noticed LATEST INTELLIGENCE by James E. Tunnell (TAB Books division of/McGraw Hill 1990, ISBN 0-8306-3531-9, $16.95) I just had to read it.

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LATEST INTELLIGENCE has been prepared as a ready-reference guide to short-wave radio and scanner listening. LATEST INTELLIGENCE is a good bargain at $16.95 and bills itself as "the most comprehensive and up-to-date communications tool you can have on your bookshelf."
It has been placed in a prominent position on mine!

Michael Crestohl, KH6KD/W1

1010. Re: Gmrs

Newsgroup: rec.radio.scanner
Date: 1994-08-25 20:23:00 UTC
From: CNTRSPY@IX.NETCOM.COM
Message-ID: <93.720.7592.0NFB2F73@IX.NETCOM.COM>
Source record: 269573

Message-ID: <33iuj8$142@ixnews1.ix.netcom.com>
Newsgroup: rec.radio.scanner,alt.radio.scanner
Organization: Netcom

= = = Do it soon, license fees are going up to (if they haven't
already raised them) $85 for new or renewel !

We'll see if we get any enforcement.

////////////////////////////////////

In <33gcd2$l0j@csusac.ecs.csus.edu> holtzman@shazam.ecs.csus.edu (Jim Holtzman)
writes:

>
>Somebody was kind enough to respond to my questions about GMRS, and I thank
>you. One of the responses was an organization that helps with licensing.
>Could whomever responded with that info please do it again? I was in the
>processing of saving the post, and something crashed.
>
>Thanks in advance
>
>James Holtzman kc6ncg (holtzman@shazam.ecs.csus.edu)
>

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--
==========
Chris Hall, Chief Operating Officer
Executive Protection Associates, Inc.
Worldwide Investigations, Privacy Protection Strategies, Second
Passport Agents, Off-shore Banking and Trust Agents.
e-mail: cntrspy@ix.netcom.com, PGP key available.
==========

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

1011. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-25 20:23:04 UTC
From: cntrspy@ix.netcom.com
Message-ID: <33iuj8$142@ixnews1.ix.netcom.com>
Source record: 270054
Cross-posted to: rec.radio.scanner,alt.radio.scanner

= = = Do it soon, license fees are going up to (if they haven't
already raised them) $85 for new or renewel !

We'll see if we get any enforcement.

//////////////////////////////////////

In <33gcd2$l0j@csusac.ecs.csus.edu> holtzman@shazam.ecs.csus.edu (Jim Holtzman) writes:

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>you. One of the responses was an organization that helps with licensing.
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>processing of saving the post, and something crashed.
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==
Chris Hall, Chief Operating Officer
Executive Protection Associates, Inc.
Worldwide Investigations, Privacy Protection Strategies, Second
Passport Agents, Off-shore Banking and Trust Agents.
e-mail: cntrspy@ix.netcom.com, PGP key available.
==

1012. Re: 2006 Original Equip

Newsgroup: rec.radio.scanner
Date: 1994-08-25 20:46:02 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <777829562@f747.n115.z1>
Source record: 269942

-=> Quoting Ed Hwang to All <=-

EH> I just received my Pro 2006 and was wondering, is the performance of
EH> the original antenna really bad? Or is something wrong with my new
EH> scanner?
EH> I have been using a Pro 46 with RS's all-band center load antenna and
EH> it seems to pull in many more signals than the 2006 with its original
EH> whip. I did try the all-band on the 2006 and it seemed to improve,
EH> but I didn't do any rigorous testing since the combination was
EH> unwieldy with the antenna sticking straight out the back and I didn't
EH> have a right angle connector handy at 1am in the morning. :-)

The unit is not as sensitive as many other scanners, but it shouldn't be
out and out terrible. Check at the back of the unit and make sure the ATT
switch is set at 0 and not at 10. The unit will have bad reception if the
switch is set at 10.

Jerry

___ Blue Wave/QWK v2.12

1013. Re: Freq for portland oregon

Newsgroup: rec.radio.scanner
Date: 1994-08-25 21:26:23 UTC
From: dclemans@news.wv.mentorg.com
Message-ID: <33j29v$l65@hpcan240.mentorg.com>
Source record: 270056
Cross-posted to: alt.radio.scanner,rec.radio.scanner

>
>I'm trying to locate the TAC-II frequency that the Portland Oregon police use..
>
>Any help would be greatly appreciated.
>

Portland is in the process of transitioning to an 800mhz trunked system.
Names (like TAC-II) won't refer to a particular frequency. Unless you
have a radio that understands the data channel commands from the system
controller, all you can do is scan among the assigned 800mhz frequencies.

dgc

1014. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-25 21:42:55 UTC
From: ares@bga.com
Message-ID: <33j38v$uk@giga.bga.com>
Source record: 270055

Richard Crisp (crisp@netcom.com) wrote:

: Just remember that no one is forcing anyone to be a cop. You know the
: hazards, you know the working conditions, it is your choice. Do not
: expect any compassion or sympathy from me. If you chose to be a
: mercenary and wind up being executed (like Daniel Gearhart was in Angola
: in 1976), it is not like you did not understand the risks. Cops are a
: macho sort by nature, just like soldiers. They get excited by tension
: pressure and violence. They are attracted to the job. So don't whine
: about the risks etc. It is your choice.

You are right Richard, it is our choice. I get up out of bed everyday and go to work because I want to do so, not because someone is forcing me to. Just the same as no one is forcing you to do whatever it is you do for a living. However, the argument and attempt to make the job less hazardous is valid. If it is possible to make my job safer, I will do it. Just as a salesman doesn't like dealing with asshole customers, defective products, unexpected supply dealys, etc., the police officer doesn't like getting assaulted, stabbed, or shot at. Those sorts of things tend to make for a long day <G>.

But this is a bit off of the original point of the thread. The argument was concerning cops who do/don't like scanners and the reasons why. I personally have no problem with scanners. I know some of the more sophisticated thugs use them, but who can say as to how effective they are at keeping them from getting caught? We've caught several burglars and dope dealers with them (so I guess it didn't help them in those circumstances). Crooks' use of scanners isn't really a concern of mine.

The only problem I can recall having with a "scanner enthusiast" was on a prowler call. A woman called in saying she was in her upstairs bedroom, alone in the house, and heard a window breaking downstairs (possible burglary in progress). Upon arrival at the scene I cut my lights, parked my unit several houses down the street, and approached on foot. As I got up to the house I saw, standing between the house in question and the house next door, a figure with something in his right hand. He was in complete darkness and all I could see was his silhouette. I spotted him with my light and drew down on him and yelled, "Police! Let me see your hands!" He turned and squinted into my flashlight and didn't do anything for a couple seconds. I wasn't sure what he had in his right hand but it protruded and was shiny and black. I ordered him to drop it and get his hands up. Finally he did so, looking sort of shocked. As I got closer he said, "It's just a flashlight!" I had him place his hands on his head and frisked him down while my backup covered me. He had walkman headphones on and a scanner in his coat pocket. I placed him in cuffs

and sat him in the cage in my unit. After checking the house and questioning him about what he was doing here, it was finally determined that he was not the suspect but a neighbor from a few houses down who heard the call go out and wanted to check it out. I scolded him about coming to the scene and sent him home. When we checked the house we could find no signs of broken windows or entry. When we checked inside we found a broken vase that had fallen off of a shelf somehow.

The main thing I learned from this call is that people who aren't involved in an incident, especially one like the above, need to stay away from the scene. When officers arrive at a call like that EVERYONE is a suspect until proven otherwise.

Again, I have no problem with scanners and listeners (it was a hobby of mine before becoming an officer). But you shouldn't go to the scene. If you have some vital information, call 911 and let them relay it to the officers.

Just my two cents worth...

Steve Gibson |
ares@bga.com | The Badge means I'm broke...
Austin PD -- Austin, TX |

Disclaimer: My opinions are my own and are not those of the Department or of the Chief.

1015. Re: PRO-51 secrets help

Newsgroup: rec.radio.scanner
Date: 1994-08-25 21:59:04 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <777833944@f747.n115.z1>
Source record: 269956

-=> Quoting Lance Kurt Van Landuyt to All <=-

LKVL> As I bought a Radio Shack Pro-51 scanner yesterday, the salesguy
LKVL> was trying to show me ho to do this 3-key sequence that if I hold
LKVL> them before I turn it on, it would enable me to do a complete
LKVL> search of ALL the 800 mhz frequencies! He forgot what it was. It
LKVL> was 9-(something)-LOCKOUT. He said a customer saw it in a JULY
LKVL> issue of a scanner magazine. Does anyone know the correct
LKVL> sequence? Any help would be GREATLY appreciated! Any other
LKVL> secrets regarding the pro-51 are also welcomed. Thanks for your
LKVL> time.

Product...Realistic Pro-51/Pro-23/Pro-46
Made by Uniden for Radio Shack, a Tandy Corp.

Purpose...Access gaps in the 800 Mhz band

** Disclaimer...Perfomring these steps are done at your own risk.

** Note...Perfoming these steps may access portions of the 800 Mhz band
that is against federal United States law to monitor.

** Certain portions of this document have been modified from the original
document to conform to the policy of several nets.

Information is from the July, 1994 issue of Monitoring Times p.99.
Further, Larry Wiland is given credit for providing these procedures.

1. With the radio switched off, hold down the 2, 9 and LOCKOUT keys;
turn the radio on and release the keys.

2. Step to channel 23 on the '51 or channel 15 on the '23 to display a
factory test freq in the 800 Mhz gap. (Not sure on the '46.)

3. Press either the up or down search arrow to scan the band in proper
30 khz steps. You may temporarily store up to 10 active freqs by pressing
MONITOR.

To permanantly store the freqs in the gap to have a starting point for
searching...

1. Step to the MONITOR channel you wish to permanantly store, then press
PROGRAM, then the desired memory channel number (including those with
factory-preprogrammed test frequencies.)

2. Press in sequence PROGRAM, MONITOR, ENTER. Repeat steps 1 and 2 for
each channel to be memorized.

Jerry

___ Blue Wave/QWK v2.12

1016. Re: Pro34 Mod unsuccessf

Newsgroup: rec.radio.scanner
Date: 1994-08-25 22:01:06 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <777834066@f747.n115.z1>
Source record: 269957

-=> Quoting Brian R. Baude to All <=-

>A friend of mine just performed the mod on his Pro34 to restore all
>of 800 MHz and 66 - 88 MHz by moving the diode from D11 to D9.
>After doing this, the 800s are all there, but the lowest it will go
>now is around 72 MHz (sorry, I can't remember exactly). Not even
>the 30-54 range will work anymore. Is this a side-effect of this
>mod, or did he maybe do something wrong, and if so, what?
>Any hints will be greatly appreciated.

BRB> I tried the same mod and got the same results.
BRB> Will installing another diode back to D9 as well as D11 solve this
BRB> problem?

Remove D9. Nothing in the 66-88 Mhz range that you would want that can't
be found on TV. Besides, the unit doesn't pick up well in the 66-88 Mhz
range anyway without an alignment of the radio.

Jerry

___ Blue Wave/QWK v2.12

1017. Re: Pro34 Mod unsuccessf

Newsgroup: rec.radio.scanner
Date: 1994-08-25 22:02:08 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <777834128@f747.n115.z1>
Source record: 269958

-=> Quoting Daiv Stoner to All <=-

DS> A friend of mine just performed the mod on his Pro34 to restore all
DS> of 800 MHz and 66 - 88 MHz by moving the diode from D11 to D9.
DS> After doing this, the 800s are all there, but the lowest it will go
DS> now is around 72 MHz (sorry, I can't remember exactly). Not even
DS> the 30-54 range will work anymore. Is this a side-effect of this
DS> mod, or did he maybe do something wrong, and if so, what?
DS> Any hints will be greatly appreciated.

Forget the 66-88 Mhz range. Remove D9 and the 30-50 Mhz will be
restored. Nothing in the 66-88 Mhz range that you couldn't get with a TV.
Besides, the unit would have to go through a realignment for the mod to be
effective.

Jerry

___ Blue Wave/QWK v2.12

1018. Re: Radio Shack - New Ca

Newsgroup: rec.radio.scanner
Date: 1994-08-25 22:07:10 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <777834430@f747.n115.z1>
Source record: 269959

-=> Quoting Us Borax to All <=-

UB> I was in a RS store this past weekend to buy a $1.79 earphone....the
UB> man at the counter said that it was too early to break my $20.00 bill,
UB> so I told him that it was too early to buy his goods....I walked......

Makes you wonder how RS makes _any_ money.

Question...Why don't you have change for a $20 bill?

Answer...It's too early.

Wow...fits their new motto to a tee!! <g>

Jerry

___ Blue Wave/QWK v2.12

1019. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-25 22:17:43 UTC
From: barryc@mpd.tandem.com
Message-ID: <1994Aug25.221743.2039@integrity.uucp>
Source record: 270073

RE:

>The guy is wrong because in my opinon the intent of the post was to say
>that cops were lazy and that is why they do not like scanners. For a person
>to make the assumption that scanner listeners are always good, is a poor
>assumption. I know just as many good scanner listeners as bad scanner
>listeners. I also consider a bad scanner listener to include those who
>spread vicious rumors from what they hear on the scanner and that is an
>incalcuable number in my community.

People are people no matter what you call them. They should be judged as
individuals not as a group.

Just because a person wears a badge does not make him a "good" cop. There
are plenty of bad cops too. Listening to police "shopping" the Interstate
for folks that "fit the profile" in order to find vehicles for forfeiture
is a one example. More than once I've heard a police officer comment how his
"boss" needs a new unmarked car and how they needed to shop the highways for
one. And then proceeded to shake them down.

And how often have you seen a police officer turn on his (or her) lights in
order to run a red light and then turn into the nearest 7-11 (fresh donuts)?
Happens all the time.

Considering I pay for the police officers in my area, I personally feel that
the taxpayers the right to monitor most transmissions. I say most because
I also believe that some information need to be protected (names of undercover
officers, juvenile offeneders names, rape victims, etc.).

If there is a crime in my neighborhood I want to know about it.
Last weekend about two blocks from my house was a murder suicide. When I heard
that there was shooting going on I made sure that my kids were accounted for.
If I didn't have a scanner I wouldn't have known until the evening news. A little
late to check on them.

Which would you rather have; a police state or a free country? If you have
something to hide from your employeers (the taxpayers) maybe we need to listen
a little harder.

Oh yes, I am an volunteer emergency radio operator with my county sheriffs office.
A great bunch of folks. A fine example of "good" cops.

Barry D. Chalcroft / N5NWI Tandem Computers ISD, Austin,TX
WCSO The Home of "UNIX" with Integrity
Emergency Radio Operator

1020. Re: Why is there alt.rad

Newsgroup: rec.radio.scanner
Date: 1994-08-25 22:21:12 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <777835272@f747.n115.z1>
Source record: 269960

-=> Quoting Steven Jackson to All <=-

SJ> Can anyone post a listing weekly, specifying brand names,
SJ> model numbers, yes/no for triple conversion, and cell modifyable?

SJ> Brand Model Triple? Cell-Mod? Notes
SJ> Realistic Pro34 X Discontinued
SJ> Pro43 X X Only up to a specific serial
SJ> # Pro2006 X X *All* 2006's and 2006A's
SJ> Bearcat 8500XLT X

SJ> and then throw something like

SJ> "The ECPA banned casual monitoring of pagers and cellular
SJ> telephones back in 1986. The '93 amendment banned manufacture and
SJ> import of cellular capable and easily modifyable scanners
SJ> after 4/23/94. All remaining stock can be sold until done."

That's a good chart, Steven...you're hired!!

Jerry

___ Blue Wave/QWK v2.12

1021. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-25 22:25:33 UTC
From: glr@ripco.com
Message-ID: <Cv43MM.5qq@rci.ripco.com>
Source record: 270059
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

R Agent (rogue@ccs.neu.edu) wrote:
: In article <Cv2A94.6G6@rci.ripco.com>, Glen Roberts <glr@ripco.com> wrote:
: [...]
: >Actually, I did that. It made a different too. One police officer in
: >Lindenhurst, Illinois, took to running the license plates of all
: >vehicles in our drive way (for no legitimate police purpose), and
: >when I was discussing it with their boss (the village mayor), he asked
: >how I knew the officer was doing that... when I said I heard it on the
: >scanner, the Mayor said, "well, that will stop," and it did.

: yes, I bet 'it' stopped. 'It' being using open freqencies to call in
: the plates of the cars in your driveway. Now he writes them down &
: brings them into the station.

: Made a difference. Uh huh.

: RA

They don't drive by the house at 2 miles per hour anymore either.

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
No record. No Trace calling: 1-900-STOPPER (786-7737). $1.95/min
---

1022. Re: Gmrs

Newsgroup: rec.radio.scanner
Date: 1994-08-25 22:37:00 UTC
From: dale.roberts.x5-7345@woodybbs.com
Message-ID: <93.721.7592.0NFB2F74@woodybbs.com>
Source record: 269564

Message-ID: <33j6fe$6a8@mozart.amil.jhu.edu>
Newsgroup: rec.radio.scanner,alt.radio.scanner,
Organization: The Johns Hopkins University

In article <kjnCv3rG7.G8v@netcom.com> kjn@netcom.com (Ken Navarre) writes:
>Jim Holtzman (holtzman@shazam.ecs.csus.edu) wrote:
> ...
>I obtained a GMRS license for use when traveling with non-ham friends and
>family members. I can give them a GMRS radio and we stay in touch
>*legally* while crusing around. It's a MUCH better alternative than the old
>cb...

Jim,

I haven't read the actual FCC regs yet, but I had been assuming that
the GMRS license applied only to the licensee and his/her immediate
family, and have hesitated in getting radios for that reason. Is it a
legal use to hand a radio to non-licensed, non-family member and
communicate with them?? With CB's, I know it wasn't.

Thanks,
dale

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

1023. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-25 22:37:34 UTC
From: roberts@ishtar.med.jhu.edu
Message-ID: <33j6fe$6a8@mozart.amil.jhu.edu>
Source record: 270057
Cross-posted to: rec.radio.scanner,alt.radio.scanner,

In article <kjnCv3rG7.G8v@netcom.com> kjn@netcom.com (Ken Navarre) writes:
>Jim Holtzman (holtzman@shazam.ecs.csus.edu) wrote:
> ...
>I obtained a GMRS license for use when traveling with non-ham friends and
>family members. I can give them a GMRS radio and we stay in touch
>*legally* while crusing around. It's a MUCH better alternative than the old
>cb...

Jim,

I haven't read the actual FCC regs yet, but I had been assuming that
the GMRS license applied only to the licensee and his/her immediate
family, and have hesitated in getting radios for that reason. Is it a
legal use to hand a radio to non-licensed, non-family member and
communicate with them?? With CB's, I know it wasn't.

Thanks,
dale

1024. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-25 22:48:53 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.71.0010D10C@chevron.com>
Source record: 270066

In article <33j6fe$6a8@mozart.amil.jhu.edu> roberts@ishtar.med.jhu.edu (Dale Roberts x5-7345) writes:

>In article <kjnCv3rG7.G8v@netcom.com> kjn@netcom.com (Ken Navarre) writes:
>>Jim Holtzman (holtzman@shazam.ecs.csus.edu) wrote:
>> ...
>>I obtained a GMRS license for use when traveling with non-ham friends and
>>family members. I can give them a GMRS radio and we stay in touch
>>*legally* while crusing around. It's a MUCH better alternative than the old
>>cb...

>Jim,

>I haven't read the actual FCC regs yet, but I had been assuming that
>the GMRS license applied only to the licensee and his/her immediate
>family, and have hesitated in getting radios for that reason. Is it a
>legal use to hand a radio to non-licensed, non-family member and
>communicate with them?? With CB's, I know it wasn't.

95.179 tells you who may be a station operator. A system licensed to an idvidual can be used by the licensee's *immediate family*. Immediate family is defined as the following, living in the same household as the licensee:

95.179 (a)(1) Licensee
(2) Licensee's spouse;
(3) Licensee's children, grandchildren, stepchildren;
(4) Licensee's parents, grandparents, stepparents;
(5) Licensee's brothers, sisters;
(6) Licensee's aunts, uncles, nieces, nephews, and
(7) Licensee's in-laws.

95.179(b) defines who may be a station operator on a system licensed to "non-individual" (business). Essentially any employee engaged in communications on the licensee's behalf.

From what I have read, Jim's example of giving GMR sets to friends is not permissable. Allowing family to operate is OK - but the regs say they are supposed to be living in the same household. I would probably cheat on the household point if I was on a road trip.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

1025. GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-25 22:50:59 UTC
From: jans0050@maroon.tc.umn.edu
Message-ID: <Cv453B.1sI@news.cis.umn.edu>
Source record: 270065

How do you prevent other people from using your repeater? I haven't heard about using those tone dealys...(pardon my inexperienec, dont know the actual procedure)

Jerad

```
+---------------------------------------------------------------+
|This Email/post refelct the opinions of Jerad Hoff, and John C. |
|Jansen is sitting here wondering why he would let me write such |
|stupid things. You can send him all the flames though... |
+---------------------------------------------------------------+
```

1026. Re: Icom CT-17 vs J-Com Interface Cable

Newsgroup: rec.radio.scanner
Date: 1994-08-25 22:55:26 UTC
From: warren@bluesky.com
Message-ID: <33j7gv$df3@pdx1.world.net>
Source record: 270062

In article <crispCv3J2G.1w2@netcom.com>
crisp@netcom.com (Richard Crisp) writes:

> My understanding is that the R7100 has a means for reading the s-meter

Yup. Send an opcode to request the number and a strength value is
returned in Hex.

Does anybody know of a Mac program (commercial or otherwise) to control
ICOM radios via CT-IV?

Warren Leach, Cruise Director
Blue Sky Research, Portland, Oregon

1027. Re: Motorola radio software? where?

Newsgroup: rec.radio.scanner
Date: 1994-08-25 22:56:07 UTC
From: myers@Eng.Sun.COM
Message-ID: <33j7i7$bjq@abyss.West.Sun.COM>
Source record: 270063

In article 14753@lafn.org, ab910@lafn.org (Matthew Davies) writes:
>
>Anybody know where a guy can find the Motherola software to program
>Sabres and Jedi's and such. I've looked, don't think I haven't looked.
> Thank you for your attenton.
> Matthew D.

Call Motorola National Parts, (800) 422-4210. Motorola is very
aggressive about protecting their intellectual property rights.
Don't expect people to advertise if they have bootleg copies.

---
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Sir, over there.... is that a man?" *

1028. Re: Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-25 23:32:00 UTC
From: scheisse@delphi.com
Message-ID: <ZaxRlzg.scheisse@delphi.com>
Source record: 270061

James Carter <jcarter@orl.mmc.com> writes:

>Caution on posting scanner mods here.
>
>FCC FINES CAN REALLY HURT - The FCC has been known to hand out some pretty
>stiff fines for infractions of the rules. Recently, the FCC San Juan, Puerto

Scanner mods are not in any way an infraction of fcc riules, first off it is
only illegal to sell scanners that pick up cellular AND were produced before
they were illegal to produce... Besides, the description of a scanner mod is
not an actual mod, which
is also not illegal, it is merely the knowledge of how to modify a scanner...
You can tell people how to build nukes, but building nukes for people is a
nono...

1029. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-25 23:51:34 UTC
From: gdallal@world.std.com
Message-ID: <Cv47M0.9FJ@world.std.com>
Source record: 270067

Mark Patrick (msp@prism1.com) wrote:
: Mike Harris (michaeha@soul.tv.tek.com) wrote:
: : In article <339s4m$mqp@crl2.crl.com> vhealey@crl.com (Victor Healey) writes:
: : >3 cepo

: : At least most rs employees can spell their own name correctly you dumb
droid!
: : You name is 3cpo not 3 cepo.

: Actually, it was c3po...
I think MP and MH are confused. They seem to be thinking of an imaginary
droid from Star Wars. This is real life RS we're talking here! Why
should VH's RS identifier be the same as some movie character's?
3 cepo's boss is d2r2. You're not gonna try to tell us it's r2d2?
:-)

1030. Re: My Chat With The Whit

Newsgroup: rec.radio.scanner
Date: 1994-08-26 00:04:00 UTC
From: LEWIZ@NETCOM.COM
Message-ID: <93.725.7592.0NFB2F78@NETCOM.COM>
Source record: 269571

Message-ID: <lewizCv486q.9LH@netcom.com>
Newsgroup: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner
comp.org.eff.talk
Organization: NETCOM On-line Communication Services (408 261-4700 guest)

Stephanie Schiff (sjs@hollywood.cinenet.net) wrote as best it could:
:
: Gee Glen, you're right! Maybe he should phone up the police department
: (just like you phoned the White House) and make a stink about what he hears.
: Then he can 'report' back to alt.2600 just as you have. I'm sure we're
: all **very** interested.
: -sjs

I'm glad that despite the howls of cynicism and scoffing, Glen L. Roberts
has the self-motivation to try and make a difference. That separates him
from the Schiffs of this world, whose only amusement is gained through
armchair criticism. Thank heavens for vibrators, huh Steph... otherwise
you'd actually have to _move_ your hand muscles.

--
cc: Kenneth G. McGuire, III. S.A., FBI, LA, CA.

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

1031. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-26 00:04:01 UTC
From: lewiz@netcom.com
Message-ID: <lewizCv486q.9LH@netcom.com>
Source record: 270068
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

Stephanie Schiff (sjs@hollywood.cinenet.net) wrote as best it could:
:
: Gee Glen, you're right! Maybe he should phone up the police department
: (just like you phoned the White House) and make a stink about what he hears.
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armchair criticism. Thank heavens for vibrators, huh Steph... otherwise
you'd actually have to _move_ your hand muscles.

--
cc: Kenneth G. McGuire, III. S.A., FBI, LA, CA.

1032. Re: Freq For Portland Ore

Newsgroup: rec.radio.scanner
Date: 1994-08-26 00:11:00 UTC
From: BENCHR@TELEPORT.COM
Message-ID: <93.727.7592.0NFB2F7A@TELEPORT.COM>
Source record: 269561

Message-ID: <benchr.122.003F3F13@teleport.com>
Newsgroup: alt.radio.scanner,rec.radio.scanner
Organization: Teleport - Portland's Public Access (503) 220-1016

In article <33j29v$l65@hpcan240.mentorg.com> dclemans@news.wv.mentorg.com (Dave Clemans) writes:
>From: dclemans@news.wv.mentorg.com (Dave Clemans)
>Subject: Re: Freq for portland oregon
>Date: 25 Aug 1994 21:26:23 GMT

>>
>>I'm trying to locate the TAC-II frequency that the Portland Oregon police use..
>>
>>Any help would be greatly appreciated.
>>

>Portland is in the process of transitioning to an 800mhz trunked system.
>Names (like TAC-II) won't refer to a particular frequency. Unless you
>have a radio that understands the data channel commands from the system
>controller, all you can do is scan among the assigned 800mhz frequencies.

>dgc

I have scanned the 800 band looking high and low for the TAC II calls and I haven't been able to find them..

The trunked freqs seem to have only dispatch (NET 1 NET 2 etc)...

The calls are something like "5155 can I have 5555 on TAC II" and then the dispatch side will say something like "5555 TAC II", I can't find these calls ANYWHERE in the trunked freqs.

Take Easy

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

1033. Re: Freq for portland oregon

Newsgroup: rec.radio.scanner
Date: 1994-08-26 00:11:21 UTC
From: benchr@teleport.com
Message-ID: <benchr.122.003F3F13@teleport.com>
Source record: 269937
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <33j29v$l65@hpcan240.mentorg.com> dclemans@news.wv.mentorg.com (Dave Clemans) writes:
>From: dclemans@news.wv.mentorg.com (Dave Clemans)
>Subject: Re: Freq for portland oregon
>Date: 25 Aug 1994 21:26:23 GMT

>>
>>I'm trying to locate the TAC-II frequency that the Portland Oregon police use..
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Take Easy

1034. Chicago Air Show

Newsgroup: rec.radio.scanner
Date: 1994-08-26 00:12:49 UTC
From: hmarq@interaccess
Message-ID: <33jc21$9ov@nntp.interaccess.com>
Source record: 270069

Probobly a local topic but ...

Anyone have any info on the Chicago air show this weekend.

I was listening to last years freqs this afternoon during the practice session and got very few hits.

1035. Re: Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-26 00:13:21 UTC
From: steven@sgb.oau.org
Message-ID: <Cv48MA.6nD@sgb.oau.org>
Source record: 270070

James Carter (jcarter@orl.mmc.com) wrote:
: Caution on posting scanner mods here.

Insignificant, this is an INTERNATIONAL newsgroup, as such no fines can be imposed on discussions of scanner modifications since in other parts of the world these units can be readily bought and sold without any problem whatsoever. Additionally, the constitution guarantees FREEDOM OF SPEECH, which I am presently exercising to it's fullest.

It is legal to purchase a Pro-43 here that is approved and a replacement digital board from Tandy UK and restore it. It is also legal to purchase a scanner for possession or use overseas and not for use in the U.S. but for storage in the U.S. or display, anything except it's normal use.

Most interestinly is Jeff Lieberman of the Ham Station had the nerve recently on CompuServe in HamNet to suggest censorship of any type of discussion on non FCC approved scanners, obtaining of, where to buy from, phone numbers, addresses, and reviews of. He asked the Sysop to take action in the Forum. Well 99% of the votes were against him -- he may even be out of business as a result of his negative pro-business attitude (his business in particular). The official decision was - no change, business as usual, except I don't know of anyone who is now willing to buy from him.

His attitude went something like this:

I no longer have any cellular restorable scanners in stock and no-one will buy them from me. Therefore it is wrong for the overseas folks to be selling their scanners to folks in the US and taking away my business, for this reason, I want the Sysop of Hamnet to stop the advertising of these companies from overseas which are putting me out of business (here, take my hanky Jeff!)

Guess what kiddies, this is what I predicted would happen when I suggested the companies get together, pool there money and resources and get the needed legal muscle to do something about the new dumb stupid law -- which WILL affect their business. Even Grove is now starting to feel it. They thought it would not affect them, well kiddies, WRONG! Why buy a scanner with holes in it when you can get a full coverage international model? Does not make sense not to.

In any event, the same holds true for CompuServe, its an international global service, as such -- even if it were true that it was not legal to make the information public, it would be insignificant since those laws do not affect overseas subscribers. BTW, it is NOT true.

Irrelevant material follows:

: FCC FINES CAN REALLY HURT - The FCC has been known to hand out some pretty
: stiff fines for infractions of the rules. Recently, the FCC San Juan, Puerto
: Rico, office issued a fine of $7,000 to NP4VG for willful interference to
: another amateur station. NP4VG was operating an otherwise legal repeater
: which interfered with the WP4CNU repeater, which was a coordinated repeater
: (NP4VG's was not). In another action, the FCC fined Ace Communications of
: Fishers, Indiana, $20,000 for marketing illegal scanner radios (cellular phone
Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
| Modem: 407/862-8088

1036. Re: 2006 Original Equip Antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-26 00:32:28 UTC
From: Greg <gregmason@delphi.com>
Message-ID: <ZcwR1Hk.gregmason@delphi.com>
Source record: 270064

want better performance outa your 2006 but dont like heights?
get the ratshack ducky windo attacher, attach your duck or your whip to it
..put in in your windo... high up as you can then attach it to the bnc
on the back of your radio... make sure the attenuator is off! :)
itll work muuuuuch better than the stock radio and i expect youll see an
improvment over havin the ant attached directly to the back of the radio

i think the windo mount costs under ten bucks, and you could probably
make something similar yourself if youre handy...

have fun

greg

1037. Air Band

Newsgroup: rec.radio.scanner
Date: 1994-08-26 01:30:35 UTC
From: spiel@cc.emory.edu
Message-ID: <33jgjr$3uu@emoryu1.cc.emory.edu>
Source record: 269929

I don't know why people (or at least people who sell scanners) make such a big deal about aircraft communications that can be heard with scanners.
In a Damark catalog description of a scanner it was written that you could listen to the "exciting minute to minute banter" between controllers and pilots. Many catalogs make a special point of mentioning that their scanners get air band.
Whenever I listen to pilots and controllers talking I find it boring. They just say brief commands like "128 descend to 7000 feet". I live in Manhattan enabling me to hear three major airports: JFK, LGA and Newark, so it's not like I'm missing something. I understand that during an aircraft emergency it might be exciting, but can somebody please tell me what people find about listening to air band so great?

1038. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-26 01:46:55 UTC
From: af546@yfn.ysu.edu
Message-ID: <33jhif$aqk@news.ysu.edu>
Source record: 269925

Most Community Repeaters use a tone card for each authorized user to activate the system. Multiple user systems are better off using a tone panel where each users sub audible tone (67.0 hz to 250.3 hz) is programmed in instead of all those indivudal tone cards.

Digital CTCSS extends n he numbers out eaven further .

GMR ruls state that an indivudual must have permission to use community repeaters or fixed relay stations directly from the system provider.
--

1039. pro-51 vs pro34/37 - intermod

Newsgroup: rec.radio.scanner
Date: 1994-08-26 02:03:41 UTC
From: bobscott@access.digex.net
Message-ID: <33jiht$21i@access2.digex.net>
Source record: 270071

Hi:
I'm thinking of returning my Pro-51 due to a cellular image problem that wipes out the local cops. Likely replacement would be a used Pro-34 or 37. Anybody used both in an urban environment? Comments?

Thanks,
Bob

--
Bob Scott Internet: bobscott@digex.com CompuServe: 73125,1437
"Everybody's got a story..." Mike Hammer

1040. Re: Is paying $$$ for 220-400Mhz worth it?

Newsgroup: rec.radio.scanner
Date: 1994-08-26 02:37:39 UTC
From: merlin@neuro.usc.edu
Message-ID: <33jkhj$na1@neuro.usc.edu>
Source record: 270072

YES! At least along the San Diego to Los Angeles California coastline. Offshore air traffic control (entering/leaving US territorial airspace) navy ships, navy/marine aircraft, and space shuttle/ground support ops personnel at edwards airbase, national guard riot suppression personnel have all been commonly heard within the 220-400 MHz frequency range.

1041. Digital scanning

Newsgroup: rec.radio.scanner
Date: 1994-08-26 03:14:44 UTC
From: tmnichol@nps.navy.mil
Message-ID: <33jmn4$30j@sagan.nps.navy.mil>
Source record: 269928

I have Heard a lot of talk/discussion about digital and how scanning will soon be gone. This is how I see the future:
Soon companies like Icom, Kenwood, etc will start building digital scanners. The demand will be there and these companies will fill this demand.
I know in theory there are many digital modulation scheme out there, BPSK, QPSK, etc, but in reality only a few are used on a wide basis. For example, Motorola equipment is used by the majority of police departments and fire departments and is really the equipment of choise for many users. Digital Motorola equipment uses one type of modulation, so you simply build a scanner that can demod BPSK or what ever the modulation scheme is.
Scanners now have AM, FM, WFM. You should be able to buy scanners with several demod features like QPSK, BPSK, etc. Instead of having only three modes as is now the case, scanners will be equiped with digital modes.
Freq lists (Police Call) will have an added column for the modulation type.
Now, when you start talking spread spectrum and encryption, that is a different animal. However, not everyone will be employing those capabilities.

Any thoughts here? I am always open to constructive critism/discussion.

1042. Which Radio Shack Units Now Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-08-26 03:23:53 UTC
From: g9153402@huey.csun.edu
Message-ID: <33jn89$m9r@nic-nac.CSU.net>
Source record: 269926

Got questions if any of the following is now modifiable:

I'm looking at the new, 1995 Radio Shack catalog. Page 30 shows their 800 mhz home scanners. They now have five models, with four being new. Are any of them modifiable? Has anyone found out the procedure to modify them, or are they totally unmodifiable unless one is a rocket scientist? The scanners pictured are:

PRO-2035 $449.99 It looks like their best scanner ever made, with 1000 channels, and a whole bunch of other goodies. I would buy one, if I won the lottery. Looks great, but since it's new for 1995, does that mean it's unmodifiable?

PRO-2036 $319.99 Nice unit too, but is it modifiable?

PRO-2037 $299.99 Nice unit too, but is it modifiable?

PRO-2039 $229.99 Nice unit too, but is it modifiable?

PRO-2030 $199.99 This is the only unit being sold that also was sold last year. I own one of these, and did modify it by cutting a diode, and it now does scan in the previously unusuable 800 mhz band, in the proper 30 khz spacing. But do the newer units still posess this capability, or are these now unmodifiable? When was the cut-off date? How do you tell an unmodifiable unit from a modifiable one without having to open up the unit?

Any info appreciated...

1043. Re: Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-26 03:37:51 UTC
From: g9153402@huey.csun.edu
Message-ID: <33jo2f$m9r@nic-nac.CSU.net>
Source record: 269927

Steven Bradley (steven@sgb.oau.org) wrote:
(stuff deleted)

The way I see it, this is a freedom of speech issue. In the U.S., and I'm sure zillions of other countries, we have it. I doubt it is against the law to discuss scanner modifications. It isn't against the law to have a discussion on how to rob a bank, but it is against the law to actually go out and rob a bank! But as far as scanners are concerned, these products can get fairly expensive. And if I'm buying such a product, I would like to obtain one that is least crippled as possible, with all bands accessible. It isn't that I sit home listening to cell calls all day, but would still like that band available, especially if some other useful service starts transmitting within it.

Just my opinion...

1044. Re: AR 3000A / AR 8000 reviews?

Newsgroup: rec.radio.scanner
Date: 1994-08-26 03:45:24 UTC
From: philscott@delphi.com
Message-ID: <pG-RFhk.philscott@delphi.com>
Source record: 270074

Marcus Boehm <h9001648@obelix.wu-wien.ac.at> writes:

>I am looking for some specs for the AOR AR3000A and the
>AR8000 scanners. Are there any reviews available on
>the net?

Marc,
There is a review of the AR8000 in this month's Monitoring Times
from Grove. Overall, I am very impressed w/ the unit...great features
and good performance across the board. 20 search banks, 20 scan
banks of 50 chs each and alpha tags for each channel. There should
soon be sw for the PC for programming these puppies too...has a
weird connector in battery compartment to connect.
pscott@wellfleet.com

1045. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-26 05:23:04 UTC
From: scan911@aol.com
Message-ID: <33ju7o$9ve@search01.news.aol.com>
Source record: 269930

Well, here's the bummer in buying the RS catalog....They add sales tax on top of the purchase! Pay $2.10 and get a $2 coupon. Sounds like I am owed a dime??? Well, only joshing. But you get my drift.

Chuck
scan911@aol.com

1046. Call PHILLY PHREQUENCY PHONE

Newsgroup: rec.radio.scanner
Date: 1994-08-26 05:24:01 UTC
From: scan911@aol.com
Message-ID: <33ju9h$9vo@search01.news.aol.com>
Source record: 269931

ANNOUNCING ....

PHILLY
PHREQUENCY
PHONE tm

(215) 552-8940 - 24 hours a day!

This new telephone line will be used to keep scanner users in Eastern Pennsylvania and South Jersey up to date on new frequencies and other information of listening interest in their own locales.

Callers are encouraged to leave updated scanner information on the line after listening to the message. Callers' reports will be offered the following week when the newscast is updated.

Philly Phrequency Phone (tm) will not offer updates until later this year, however, the line is offering information to callers at the present time. Callers can find out the status of scanner clubs in the Northeastern United States by calling now.

Northeast Scanning News has become a 16-page insert to National Scanning Report. In an effort to keep the spirit of a scanner club alive in the Northeast, the All Ohio Scanner Club's American Scannergram will be expanded early next year to accommodate regional columns covering the Northeast. For a report on these events, please call PHILLY PHREQUENCY PHONE now at (215) 552-8940 anytime, day or night.

Chuck Gysi, N2DUP
scan911@aol.com

1047. SCANNER CLUBS

Newsgroup: rec.radio.scanner
Date: 1994-08-26 05:26:03 UTC
From: scan911@aol.com
Message-ID: <33judb$a0u@search01.news.aol.com>
Source record: 269932

The ALL OHIO SCANNER CLUB will be expanding its coverage into the Northeastern U.S. early next year. Here is a membership application and information sheet that you can print out and mail in!

Chuck, scan911@aol.com

AMERICAN SCANNERGRAM
Serving Ohio and the Surrounding Areas With the Most Up To Date Radio Monitoring Information That Is Available!
Official Publication of the
ALL OHIO SCANNER CLUB 50 VILLA ROAD, SPRINGFIELD, OHIO 45503-1036

The ALL OHIO SCANNER CLUB is a not-for-profit organization that is dedicated to sharing information and improving the hobby of monitoring radio communications. The AOSC newsletter is staffed by a group of dedicated volunteers who work together to publish a top notch information exchange and reference source for our members.

The AOSC was founded in 1979 by a scanner enthusiast who wanted to aid in bringing together people interested in the same hobby and to share information such as frequencies, codes, and technical knowledge that is helpful to the hobbyist. Since then, the AOSC has grown to include hundreds of members in over 40 States and Canada, and the newsletter has grown from a mimeographed single sheet to newsletters averaging 40 pages or more that are professionally printed and bound.

The ALL OHIO SCANNER CLUB publishes an information exchange newsletter, called the "AMERICAN SCANNERGRAM", every two months for club members. The newsletter includes regional public safety columns covering all of Ohio, plus Illinois, Indiana, Kentucky, Michigan, Pennsylvania, West Virginia, Ontario, and other areas of North America as well. Other columns include subjects of special interest such as state government; business; sports, including major league baseball and football, auto racing; special events; tourist attractions; aviation, railroads, and other modes of transportation; technical topics; articles about antennas and improved reception techniques; articles to help the beginners in the hobby; understanding public safety communications; and two no-holds-barred columns covering Federal Government, and U.S. Military services. Many of these columns of special interest topics provide nationwide coverage. Also included are columns covering amateur radio; new licenses from the files of the FCC; shortwave utilities; shortwave broadcast; new product and book reviews; and

other features. All of these columns are based on information sent in for publication by club members such as yourself. We are an all volunteer organization, no one receives payment for material written for our publication.

The cost of membership in the ALL OHIO SCANNER CLUB is $18.00 per year ($21.00 for Canadian and Mexican residents, $28.00 for all other countries), payable in U.S. Funds. Membership dues are non-refundable. (A newsletter sample copy is available for $3.00). New members will receive a booklet containing general information about the club; frequencies, codes, and other statewide information for Illinois, Indiana, Kentucky, Michigan, Ohio, Pennsylvania, West Virginia, and Ontario, Canada. Your membership will begin with the next regular mailing of the club newsletter, and will expire after you have received six issues. We print the American Scannergram every other month. Issues are normally mailed by third class bulk rate the last week of February, April, June, August, October, and December.

The AOSC holds an annual family-style picnic and business meeting (if necessary) at a private park shelter in the Columbus, Ohio area. The AOSC hosts a booth for all Association of North American Radio Clubs at the Dayton Hamvention in Dayton Ohio each year (normally the last weekend of April), and also participates in the Winter SWL Festival in Kulpsville, PA the second weekend of March every year and the Monitoring Times Convention (to be held in Atlanta, GA the first weekend of October this year). At the Dayton Hamvention, The AOSC co-sponsors a forum for shortwave and scanner listeners. A social gathering and meeting for AOSC members is also scheduled each year during each of these events. The AOSC also sponsors a net on a Dayton, Ohio area amateur radio repeater for scanner and shortwave listeners.

The AOSC can be reached on America Online or any other online service with an Internet gateway by leaving a message for Dave Marshall at davem0911@aol.com.

Why not join today by filling in the information below and include it with your check or money order (no cash, please) and send it to the address above, and you will become part of the growing group of scanner buffs that are "in the know".

ALL OHIO SCANNER CLUB 50 VILLA ROAD, SPRINGFIELD, OHIO 45503-1036

.....
.....
.....

NAME_____AGE_____

STREET_____COUNTY_____

CITY_____COUNTRY_____

STATE_____ZIP_____PHONE_____

E-MAIL ADDRESS(S)_____

HOW LONG HAVE YOU HAD A SCANNER?_____

WHAT SCANNERS DO YOU USE?_____

WHAT DO YOU LISTEN TO THE MOST?_____

_____

DO YOU USE A SHORTWAVE RADIO? YES[ ] NO[ ]

WHAT DO YOU LISTEN TO?_____

_____

ARE YOU A LICENSED RADIO AMATEUR? YES[ ] NO[ ] CALL SIGN_____

WHAT OTHER RADIO CLUBS ARE YOU A MEMBER OF?

_____

WHAT OTHER HOBBIES DO YOU HAVE?_____

HOW DID YOU FIRST FIND OUT ABOUT THE ALL OHIO SCANNER CLUB?

_____

IF YOU GOT THIS FILE FROM A BBS, WHAT IS THE NAME OF THE BBS AND

THE PHONE NUMBER?_____[AMERICA ON LINE]_____

IF YOU FIRST FOUND OUT ABOUT THE AOSC FROM A FRIEND, WHO?

_____
(via Chuck Gysi, N2DUP)

* ALL INFORMATION WILL REMAIN CONFIDENTIAL, *
* EXCEPT TO PUBLISH OCCASIONAL MEMBERSHIP STATISTICS. *
* IN ORDER TO MAINTAIN YOUR PRIVACY, WE WILL NOT PUBLISH *
* YOUR COMPLETE ADDRESS, ONLY YOUR NAME, CITY, AND STATE. *

*** NOTE ***

Due to recent changes in the the hobby publication arena, the AOSC is considering expansion into the East Coast area, from Virginia north to New England. The success of this expansion depends on how many new members the AOSC can sign-up in that area. If you have any questions regarding this new area of coverage for the AOSC, feel free to contact us at the above address or through the information superhighway at davem0911@aol.com.

1048. Re: Any Uniden MR8100A Owners???

Newsgroup: rec.radio.scanner
Date: 1994-08-26 05:30:31 UTC
From: ad178@FreeNet.Carleton.CA
Message-ID: <Cv4nAv.6HI@freenet.carleton.ca>
Source record: 269933

I've owned the MR-8100 for about 2 years, here's my opinion;

No search kinda sux and the automatic delay is sometimes a pain too.
High RF interference sux as well.

The positive.......it's probably the most rugged scanner I've seen
to date and the reception is pretty good too. Also, it's one of the
only mobile scanners I've owned yet that doesn't fail or perform
poorly under extreme temperatures.......in New England it gets pretty
cold...-46 no wind chill last year...generally extreme high and low
temps are not good for electronics anyway but the MR-8100 performed
flawlessly through all the cold days...and hot ones too...it's
on ALL the time. Lastly...it's L-O-U-D!! I can leave the windows
down and hear it clearly within' 25-30 yards with the volume at
about half....even with the volume at full blast there is little if
any distortion....wanna calm your neighbors down? Crank this thing
up and they'll think 5-O just pulled in. If it died or got stolen
I'd probably go right out and buy another one.
--
Life's to short to worry... :)

1049. Chicago Area Scanner BBS

Newsgroup: rec.radio.scanner
Date: 1994-08-26 05:54:49 UTC
From: offline@ripco.com
Message-ID: <Cv4oFE.FA4@rci.ripco.com>
Source record: 269934

The RF Spectrum
Online frequency database with over 1,000,000 records for the following
states: IL, IN, OH, MI, PA, NJ, TN, KY, NC, & VA.
Online Hamcall Database
Scanner Mods, Radio Mods & More
1.8 gig online more SOON !!!
312-581-3850
14.4 v.32

1050. Re: Air Band

Newsgroup: rec.radio.scanner
Date: 1994-08-26 07:21:31 UTC
From: jbendel@tiac.net
Message-ID: <jbendel.3.000FE298@tiac.net>
Source record: 269935

In article <33jgjr$3uu@emoryu1.cc.emory.edu> spiel@cc.emory.edu (Stephan Piel) writes:
>From: spiel@cc.emory.edu (Stephan Piel)
>Subject: Air Band
>Date: 26 Aug 1994 01:30:35 GMT

> I don't know why people (or at least people who sell scanners) make
>such a big deal about aircraft communications that can be heard with
>scanners.
> In a Damark catalog description of a scanner it was written that you
>could listen to the "exciting minute to minute banter" between controllers
>and pilots. Many catalogs make a special point of mentioning that their
>scanners get air band.
> Whenever I listen to pilots and controllers talking I find it boring.
>They just say brief commands like "128 descend to 7000 feet". I live in
>Manhattan enabling me to hear three major airports: JFK, LGA and Newark,
>so it's not like I'm missing something. I understand that during an
>aircraft emergency it might be exciting, but can somebody please tell me
>what people find about listening to air band so great?

Steve,

Having been a "Scannered Manhattanite" for years there really isn't anything
"that" faccinating about normal ATC unless you're a real plane nutane nut.

Hell, even NYPD is bornring until a 10-13 comesomes over the air. About the
only consistantly "interesting"" freq is ESUU.

Here in Boston I use the ATC freqs to monitor the delae weather delays ssince
the airlines tend to let you get to the airoporport and then tell you a lyou a
flight is cancelled.

John

1051. FOR SALE: YUPITERU MVT7100

Newsgroup: rec.radio.scanner
Date: 1994-08-26 13:21:23 UTC
From: donar@cs.vu.nl
Message-ID: <Cv593n.BzD@cs.vu.nl>
Source record: 269936

For Sale,

My YUPITERU MVT 7100 scanner
I want to have 900 dutch guilders for it.

Some specifications:

530kHz-1650MHz
1000 memory channels
wfm,nfm,am,lsb,usb
Steps 50Hz, 100 Hz, 1kHz, 5kHz, 6.25 kHz, 9kHz, 10 kHz, 12.5 kHz, 20 kHz
25kHz, 50kHz, 100kHz.
Scanspeed: 30 channels/sec
weight: 320 grams
size: 64,4x155x38.2 mm

It is a portable scanner, with nicad bateries, and charger (you can use
the scanner while charging)

Interested mail me

Donar Alofs

donar@cs.vu.nl or donar@nijenrode.nl

This machine is THE BEST on the portable market today!

--
,,,
(o o)
()=======================oOO==(_)==OOo=========================()
// Why is everyone using my little man in their .signature ? //\\

1052. In-car cameras

Newsgroup: rec.radio.scanner
Date: 1994-08-26 13:27:36 UTC
From: dbarkley@sun1.iusb.indiana.edu
Message-ID: <Cv59E1.3E9@sun2.iusb.indiana.edu>
Source record: 270009

I know this really isn't done with a scanner but.... Does anyone know the freqs that the in-car cameras use for sporting events like NASCAR and Indy car racing? A co-worker is going to attempt to construct a down converter for a portable tv to add to the fun of attending a race. Having a scanner tuned in to a car along with seeing what the driver sees would be great!

Where else could I get this info here on the net? Thanx

DB

1053. Re: RS PRO-2006 Closeout

Newsgroup: rec.radio.scanner
Date: 1994-08-26 13:56:40 UTC
From: mc@shore.shore.net
Message-ID: <33ksao$49u@shore.shore.net>
Source record: 269938

Last night I saw the PRO-2006 on sale at a RatShack store in Manchester
NH priced at $349.95

1054. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-26 14:10:45 UTC
From: crisp@netcom.com
Message-ID: <crispCv5BDx.Ku5@netcom.com>
Source record: 269941

In article <33h4a1$g10@hebron.connected.com> daheinen@connected.com (Dean Heinen) writes:
>Alex O Leu (orion1@iastate.edu) wrote:
>
>{deletia}
>
>: I am one who could care less if people have scanners in there homes as long
>: as they stay away from the scene.
>
>I will operate a scanner wherever the hell I chose to. If your department
>is so stupid as to communicate "in the clear" I will listen, if it causes
>interest, I WILL GO SEE.
>

Communicating in the clear is not a matter of stupidity, it is a
matter of the public's right to know what the assault werapon armed
thugs which wear black or blue uniforms are up to, whose liberty
they are targeting today and where they go next.

>
>The ONLY way you will "get a break" is if your department is savvy enough
>to go to encrypted signals. No, I'm not talking about the silly "voice
>scramblers" sold by Motorola and GE, I'm talking about the use of proper
>technology for private communications. Like 64 kilobit spread spectrum ,
>and the data stream encrypted with a decent DES algorithm.
>

THis is a really dumb idea, very stupid indeed. Do you really want the
police operating in secret? Boy you and Hitler/Stalin/(Feinstein?)
and probably Clinton/Reno really see eye to eye on this.
really see eye to eye on this.

>If cops continue to use STUPID communications, like old fashioned
>narrowband FM, transmitted in the clear, then I figure that they will
>continue to deal with somebody hearing it and "getting in the way".
>

And the citizens will still have the ability to keep the police in
some way accountable for their actions. Remember the
"gorillas in the mist" comment made by some of LA's finest
the night the beat the shit out of Rodney King? Well folks
if we were running crypto cops none of that would ever
have come out and it was relevant.

>Dean
>
>(a professional communications engineer, with no patience for the absurd)

>

An unprincipled tekkie that thinks no matter what the problem
technology is the solution.

I've got news for you, sometimes a fly swatter works just fine.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1055. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-26 14:33:17 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.72.00088E45@chevron.com>
Source record: 269950

In article <222LRc2w165w@opus-ovh.spk.wa.us> bmork@opus-ovh.spk.wa.us (Brian) writes:

>holtzman@shazam.ecs.csus.edu (Jim Holtzman) writes:

>> Does anybody know of any good places to look for information on GMRS info?
>> License requirements, power levels, frequency ranges, etc? I see stuff
>> on the ham groups sometimes. Any info would be appreciated.

>What do you need to know? I took the test, and since then, have become
>a regional examiner for one of the FCC contract testers. There are
>several competing testing agencies. The most well known, that I know
>you could easily get hold, I have a bad attitude toward, so I'll skip
>those specifics (sorry).

For GMRS - what "test"?

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

1056. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-26 14:45:13 UTC
From: domonkos@access.digex.net
Message-ID: <wCWNkiubGsCA066yn@access.digex.net>
Source record: 269966

In article <33j38v$uk@giga.bga.com>, Steve Gibson wrote:
>
> The only problem I can recall having with a "scanner enthusiast" was on a
> prowler call. A woman called in saying she was in her upstairs bedroom,
> alone in the house, and heard a window breaking downstairs (possible
.....
>
> The main thing I learned from this call is that people who aren't
> involved in an incident, especially one like the above, need to stay away
> from the scene. When officers arrive at a call like that EVERYONE is a
> suspect until proven otherwise.
>
> Again, I have no problem with scanners and listeners (it was a hobby of
> mine before becoming an officer). But you shouldn't go to the scene. If
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
> you have some vital information, call 911 and let them relay it to the
> officers.
>
> Just my two cents worth...
>
> ---
> Steve Gibson |
> ares@bga.com | The Badge means I'm broke...
> Austin PD -- Austin, TX |
> ---
> Disclaimer: My opinions are my own and are not those of the Department or of
> the Chief.

Good point Steve. The majority of us do that. A few months ago the sheriff's had helicopters involved in searching for an armed robbery suspect about 2:00AM. I heard the chase progress and the action centered around my neighborhood. I noticed a subject fitting the description run through my neighbor's back yard. I phoned in my observations and immediately heard the dispatch notify the ground units of my scanner intercept and location of their suspect. A few minutes later another dispatch similar to mine resulting from a neighbor w/a scanner who lived further down in the development. Within minutes the suspect was apprehended. I hope this type of participation leaves a positive impression w/the PD's. We're not eavesdropping to catch law enforcement in some wrong doing. Quite opposite. We're here to support.

Andy

1057. Re: Pro51 - my initial impressions

Newsgroup: rec.radio.scanner
Date: 1994-08-26 14:45:29 UTC
From: domonkos@access.digex.net
Message-ID: <9XWNkiubGAXE066yn@access.digex.net>
Source record: 269967

In article <33ioca$n6t@eugene.convex.com>, David Horak wrote:

.....

> MANUAL the battery drain is a constant 64.5 ma on a non-active
> frequency. So, there appears to be no battery saving mode but the most
> current I saw it drain on an active channel was about 110 ma. The
> pro51 is small, lightweight and takes four AA batteries for power.
> Enjoy,
>
> David in Dallas

I've had a set of alkalines in my Pro51 for 2 weeks now and use the thing
at 1.5 - 2 hours/nite. Still going strong...

Andy

1058. Re: pro-51 vs pro34/37 - intermod

Newsgroup: rec.radio.scanner
Date: 1994-08-26 14:46:33 UTC
From: horak@convex.com
Message-ID: <33kv89$t7a@eugene.convex.com>
Source record: 269972

In <33jiht$21i@access2.digex.net> bobscott@access.digex.net (Bob Scott) writes:

> Hi:
> I'm thinking of returning my Pro-51 due to a cellular image problem that
> wipes out the local cops. Likely replacement would be a used Pro-34 or
> 37. Anybody used both in an urban environment? Comments?

> Thanks,
> Bob

I've had mine about a day now and it seems to have up conversion with the cellular base images in the 900 MHz band but your image problem (from private email) seems to be in the 854 cop region. If this unit is up conversion the you could be getting the cell handset images from 824 to 851 up there at 854. What I find odd is that it shouldn't be a big problem since the cell handsets emit such low power. One thing is for sure, the pro34 that I have is down conversion and the high ERP from the cell bases completely wipes out the 851 to 868 band. Comparing the two scanners, the 51 seems better in the 800 band with the exception of the cell freqs. Since the pro34 is a down conversion model, the cell freqs are fairly free from images since the 900 MHz band is not used much yet. On the other hand, the 51 gets all sorts of business/fire/police from the mid 800 band showing up in the cell band making scanning cell stuff a lot harder. Also, I've noticed cordless phone images up around 67 MHz and ham 2m and 440 exactly 21.6 MHz higher than it should be on the 51 so I still think it is a up conversion model. The bottom line is that the unit is double conversion and it is going to have image problems all over the place. If you can't live with it, buy the 43 or another triple conversion model. The 34/37 won't be any better.

David

1059. Re: Air Band

Newsgroup: rec.radio.scanner
Date: 1994-08-26 14:51:45 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.73.0008DD1C@chevron.com>
Source record: 269951

In article <33jgjr$3uu@emoryu1.cc.emory.edu> spiel@cc.emory.edu (Stephan Piel) writes:

> I don't know why people (or at least people who sell scanners) make
>such a big deal about aircraft communications that can be heard with
>scanners.
> In a Damark catalog description of a scanner it was written that you
>could listen to the "exciting minute to minute banter" between controllers
>and pilots. Many catalogs make a special point of mentioning that their
>scanners get air band.
> Whenever I listen to pilots and controllers talking I find it boring.
>They just say brief commands like "128 descend to 7000 feet". I live in
>Manhattan enabling me to hear three major airports: JFK, LGA and Newark,
>so it's not like I'm missing something. I understand that during an
>aircraft emergency it might be exciting, but can somebody please tell me
>what people find about listening to air band so great?

I guess they're just interested. I am a pilot and I find the 118-136 band more interesting than most emergency service. It's a kind of training aid for some of us. You can learn a lot about communications technique by just listening. Your on the air technique can be especially important when flying in congested areas (like New York) when you need services from BUSY controllers.

Why would anyone want to listen to taxi cabs, railroads, or garbage trucks? I see frequencies for this kind of service being shared among scanner buffs.

99% of the time I keep the local police/fire freqs locked out of my scanner. I monitor local air traffic near my house (Stockton approach/Oakland center), a couple of our company channels and a couple of ham repeaters. It just depends on why you want to even have a scanner.

I always wonder why people go to such extremes to listen to cell phones. That gets boring in about 5 minutes for me. I figure most people want to do it for the same reason dogs lick themselves.

Take care.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

1060. Discone antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-26 15:05:39 UTC
From: aldrin@opium.cs.odu.edu
Message-ID: <ALDRIN.94Aug26110540@opium.cs.odu.edu>
Source record: 269945

I just purchased a discone antenna from RS. I've read that a vertical
element needs to be attached to increase the reception of 25-100Mhz signals.
Does anyone know exactly what I need to hook up a vertical element to
the discone? I assume it is a CB whip (102-108"?) but can it be attached
directly to the discone?
Or should I have bought the ground-plane antenna that RS also sells?

Thanks,
Aldrin

1061. Looking for Boston freqs. (again)

Newsgroup: rec.radio.scanner
Date: 1994-08-26 15:07:16 UTC
From: joe@avs.com
Message-ID: <33l0f4$ef1@nda.nda.com>
Source record: 269944

A week or so ago I posted asking for cool frequencies to check out in the Boston and/or Massachusetts area. Some kind person sent me a good list, but I lost it somehow. So... Could someone send me this info if they have it? Thanks a lot!

Joe

1062. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-26 15:24:02 UTC
From: wwhitby@aol.com
Message-ID: <33l1ei$hen@search01.news.aol.com>
Source record: 269943

>It could be a reference to another channel on their system.

No, its actually a SSB mode CB radio. I had a good friend who used to work at our 911 center and he confirmed it for me. They figure with all of the channels available, the constant shifting of channels, the lack of everyday use, and the lack of good scanning CB radios, they have a good chance of keeping their comms to themselves (notice I didn't say secure).

BTW, our PD is just like the keystone cops. It is somtimes funny to monitor them.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

1063. Problem with pagers & scanners

Newsgroup: rec.radio.scanner
Date: 1994-08-26 15:32:06 UTC
From: wwhitby@aol.com
Message-ID: <33l1tm$hkh@search01.news.aol.com>
Source record: 269948

I live in an apartment complex (ground floor) that won't allow me to put an antenna outside. I use an active antenna inside to make up the difference. The problem is with the nearby pager towers that were recently put up. They overload my scanner , but only on one or two frequencies. If I remove the active antenna, I lose a great many of the mobile units I listen to on other frequencies. My question: Is there any kind of good filter (notch or otherwise) that will allow me to remove the pager interference? I am desperate!

tnx in advance,

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

1064. Re: pro-51 vs pro34/37 - intermod

Newsgroup: rec.radio.scanner
Date: 1994-08-26 15:59:26 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cv5GF3.1Lz@nntpa.cb.att.com>
Source record: 269953

In article <33kv89$t7a@eugene.convex.com>,
David Horak <horak@convex.com> wrote:

>I've had mine about a day now and it seems to have up conversion with
>the cellular base images in the 900 MHz band but your image problem
>(from private email) seems to be in the 854 cop region. If this unit
>is up conversion the you could be getting the cell handset images from
>824 to 851 up there at 854.....

"Up conversion" means using a very high frequency (e.g., 700 MHz)
in the first IF, as employed in the PRO-2006. You are confusing
up conversion with "high side injection" and "low side injection" --
that is, whether the local oscillator is above or below the
receive frequency.

Also, many postings confuse up conversion with immunity from
intermod. The two concepts are not related at all.

Motorola made Motracs and a other receivers with low IFs that
had good freedom from intermod. It has more to do with high-Q (high
selectivity) front end filtering, transistor bias levels,
etc. -- not the frequency the IF.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1065. Freedom Repost, With Prop

Newsgroup: rec.radio.scanner
Date: 1994-08-26 16:05:00 UTC
From: BMORK@OPUS-OVH.SPK.WA.US
Message-ID: <93.733.7592.0NFB2F80@OPUS-OVH.SPK.WA.US>
Source record: 269566

Message-ID: <5q8NRc5w165w@opus-ovh.spk.wa.us>
Newsgroup: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner
talk.politics.guns
Organization: Lutron - Pacific Northwest

bmork@opus-ovh.spk.wa.us (Brian) writes:

Please forgive the confusion. I'm posting a F)ollowup to my own
message. Several people have questioned my post facts and I know better.
Here's the real scoop:

> crisp@netcom.com (Richard Crisp) writes:
> > If you don't believe the part about manipulating the media, explain to
> > me how come most Americans believe more people die each year as a result
> > of being shot by an assault weapon than die as a result from a car
> > accident?
> >
> > here are some stats:
>
> Good stats, but here's a real kicker I came across from a Univ of Ill
> researcher (report out about 4 months ago). Guns were three times more
> likely to be used in the prevention of a crime than assisting one.
> Make guns illegal and the good guys won't have them. Guess what the
> same survey will show in a few years? *Of course* a lesser percentage
> will be used to deter crime!
>
> If the results are wrong, ignore them and make a law to stack the deck
> better the next time around!
>
> The researcher that wrote this report went through a heart-wrenching
> realization (he self-proclaimed that he wanted results the other way,
> since he wanted to restrict guns). His conclusion was welcome:
>
> Rather than make some guns illegal for all people, make all guns illegal
> for some people (convicted users).

Here's the details, from the Univ of Ill alumni letter:

Gary Kleck, writing _Point Blank - Guns & Violence in America_, received
the Hindelang Award, the American Society for Criminology's most
prestigious award for a book making the greatest contribution to the
field of criminology.

Most seriosly, his recent survey of 4,978 randomly selected households
from the 48 contiguous stats suggests that just over one percent of US
adults (2.5mill) used a gun defensively against another person in the

year prior to the survey. "Guns were three times as likely to be used defensively as aggresively," says Kleck, "and they thwarted crime far more often than they abetted it."

These results are particularly unsettling for gun control advocates because they come from one of their own. "I am a stereotypical liberal," says Kleck. "Before I undertook this study, I was a procontrol academic who believed instinctively that people should not have guns. Gradually, I came to see that the best available evidence did not support the case that is usually made for gun control: that guns automatically lead to violence. In fact, victims are less likely to get injured or lose property if they have a gun."

> I think that if they had thwarted actual crimes we would be
> hearing much more obout crooks being shot or killed. There is also a

Eee gads, No. We (or rather you or I, or whoever) must NOT think the media is unbiased in their reporting. Your questioning has prompted me to write this up better and repost to some of the Internet linked news organizations. At least they can't say they didn't see it.

Brian Mork UUCP bmork@opus-ovh.spk.wa.us / ARO ka9snf@ka7fvv.#ewa.wa.usa
.... USMail 6006-B Eaker, Fairchild, WA 99011
.. .. .. .V:509-244-3764 D:509-244-9260

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

1066. Freedom repost, with proper quoting.

Newsgroup: rec.radio.scanner
Date: 1994-08-26 16:05:03 UTC
From: bmork@opus-ovh.spk.wa.us
Message-ID: <5q8NRc5w165w@opus-ovh.spk.wa.us>
Source record: 269917
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

bmork@opus-ovh.spk.wa.us (Brian) writes:

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message. Several people have questioned my post facts and I know better.
Here's the real scoop:

> crisp@netcom.com (Richard Crisp) writes:
> > If you don't believe the part about manipulating the media, explain to
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organizations. At least they can't say they didn't see it.

Brian Mork UUCP bmork@opus-ovh.spk.wa.us / ARO ka9snf@ka7fvv.#ewa.wa.usa
.... USMail 6006-B Eaker, Fairchild, WA 99011
.. .. .. .V:509-244-3764 D:509-244-9260

1067. Re: Air Band

Newsgroup: rec.radio.scanner
Date: 1994-08-26 16:15:45 UTC
From: horak@convex.com
Message-ID: <33l4fh$78r@eugene.convex.com>
Source record: 269952

In <cgwh.73.0008DD1C@chevron.com> cgwh@chevron.com (Curtis Wheeler) writes:

>In article <33jgjr$3uu@emoryu1.cc.emory.edu> spiel@cc.emory.edu (Stephan Piel) writes:

>> I don't know why people (or at least people who sell scanners) make
>>such a big deal about aircraft communications that can be heard with
>>scanners.

>Why would anyone want to listen to taxi cabs, railroads, or garbage trucks? I
>see frequencies for this kind of service being shared among scanner buffs.

>I always wonder why people go to such extremes to listen to cell phones. That
>gets boring in about 5 minutes for me. I figure most people want to do it for
>the same reason dogs lick themselves.

Same for McDonalds, etc. As far as cell, there is an art to
listening. During the day you'll find the bands crouded with 95%
boring business stuff. By 4-6pm, you'll still find it but there are
the occasional "I'll be late at the office dear" men on their way to a
hanky panky rendezvous. After the rates go down, the bands are less
crouded and there are more interesting things to listed to. Late
night, between 10-12pm, especially on Friday and Saturday, you'll here
the drunks, the arguments between lovers, the phone sex, etc. Really
late night (especially Fri/Sat) between 11pm and 4am, you'll hear the
police calling in things they "don't want you to hear on the police
bands". It can be fun listening to the cops say, "Is there a number I
can call you at?" and then scan the cell bands to hear what is so
secret. Cell can be boring but if you know when to listen, you'll
catch the big ones that *didn't get away* :-)

David

1068. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-26 16:19:52 UTC
From: myers@Eng.Sun.COM
Message-ID: <33l4n8$d30@abyss.West.Sun.COM>
Source record: 269965

In article 00088E45@chevron.com, cgwh@chevron.com (Curtis Wheeler) writes:
>In article <222LRc2w165w@opus-ovh.spk.wa.us> bmork@opus-ovh.spk.wa.us (Brian) writes:
>
>>holtzman@shazam.ecs.csus.edu (Jim Holtzman) writes:
>
>>> Does anybody know of any good places to look for information on GMRS info?
>>> License requirements, power levels, frequency ranges, etc? I see stuff
>>> on the ham groups sometimes. Any info would be appreciated.
>
>>What do you need to know? I took the test, and since then, have become
>>a regional examiner for one of the FCC contract testers. There are
>>several competing testing agencies. The most well known, that I know
>>you could easily get hold, I have a bad attitude toward, so I'll skip
>>those specifics (sorry).
>
>For GMRS - what "test"?

Signing your name and writing check?

---
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Sir, over there.... is that a man?" *

1069. Pro-51 BEAP!

Newsgroup: rec.radio.scanner
Date: 1994-08-26 16:25:35 UTC
From: mpalmer@encore.com
Message-ID: <Cv5HMp.6zt@encore.com>
Source record: 269955

I'm really please with my $199 Pro-51 (especially after findout out about the keyboard mod!). But that damn beap everytime I press a key. Is there a mod for it?

1070. Re: Air Band

Newsgroup: rec.radio.scanner
Date: 1994-08-26 16:31:13 UTC
From: mpalmer@encore.com
Message-ID: <Cv5Hw2.774@encore.com>
Source record: 269961

spiel@cc.emory.edu (Stephan Piel) writes:

> I don't know why people (or at least people who sell scanners) make
>such a big deal about aircraft communications that can be heard with
>scanners.
> In a Damark catalog description of a scanner it was written that you
>could listen to the "exciting minute to minute banter" between controllers
>and pilots. Many catalogs make a special point of mentioning that their
>scanners get air band.
> Whenever I listen to pilots and controllers talking I find it boring.
>They just say brief commands like "128 descend to 7000 feet". I live in
>Manhattan enabling me to hear three major airports: JFK, LGA and Newark,
>so it's not like I'm missing something. I understand that during an
>aircraft emergency it might be exciting, but can somebody please tell me
>what people find about listening to air band so great?

I think ads mention Air Band because many scanners don't get it. I'm a private (toy!) pilot and find it interesting to listen to the progress an aircraft makes from "Push Back" (leaving the gate) through handoff to the center. I guess it's as interesting as knowing Joe Bloggs car was stolen from Winn Dixie's parking lot!

Come to think of it.... why does anyone buy a scanner?

1071. Re: For cops who dont like scanners:READ!]

Newsgroup: rec.radio.scanner
Date: 1994-08-26 16:32:55 UTC
From: dj1@vax1.mankato.msus.edu
Message-ID: <1994Aug26.113255.8532@vax1.mankato.msus.edu>
Source record: 270016

In article <33h4a1$g10@hebron.connected.com>, daheinen@connected.com (Dean Heinen) writes:
> Alex O Leu (orion1@iastate.edu) wrote:
>
> {deletia}
>
> : I am one who could care less if people have scanners in there homes as long
> : as they stay away from the scene.
>
> I will operate a scanner wherever the hell I chose to. If your department
> is so stupid as to communicate "in the clear" I will listen, if it causes
> interest, I WILL GO SEE.
>
> : And yes I have been assisted by scanner listeners on more than one occasion.
> : And yes I appreciate the help as long as they stay out of the way.
>
> SEE ABOVE
> : The reason cops get an "attitude" is because they get tired of people
> : sticking there nose into situations where they just cause more problems. I
> : know I am one. I ask everyone to be more tolerant because until they have a
> : life placed in jeoprady or a case botched because of a scanner, you can
> : never understand.
>
> Botched by a scanner ? What a foolish statement. Botched by a stupid
> department who figures that "the public" has no right to listen, and act
> on the information obtained.
>
[SNIP! ... whew!]

Ok, my turn....

First, I am for people having scanners and being able to monitor ANY traffic that is via radio. However, there comes a point where some put the scanner on their belt and instantly they are a COP. As for situations not being "botched by a scanner" You wern't there the day I had to park my ambulance 1 block back because I couldn't get to the scene of the accident. We gave some tickets for interfering, but that didn't really seem to work. About that time, I really started to change my mind about having a scanner law prohibiting scanners in a mobile enviroment. (I detest these laws!!) So, our department came up with the next best thing... we activated EVERY fire, police, and EMT pager in the city... said there was a hugh accident at the fair grounds and drove every emergency vehicle out there. Made for a neat parade with cars intermixed with the fire trucks. When everybody got into the fair grounds, we shut the gate, and the only way to get out was to get a ticket for interfering with emergency vehicles. It worked quite nicely. People still have their scanners, they still listen, AND THEY STILL HELP, but they know that on scene,

to stay away.
As for still helping, we have some dead spots in the county as some scanner folks are nice enough to relay via phone for us.

Again, we SHOULD be able to listen but ACTING on that information is a completely different matter. It is those who play wanna be cops and show up at scenes that get laws prohibiting mobile scanners, scanners run from 12 volts, etc. written. Enjoy, this is *only* a hobby!

Sean / DJ1@VAX1.MANKATO.MSUS.EDU

1072. Emission designators?

Newsgroup: rec.radio.scanner
Date: 1994-08-26 16:35:32 UTC
From: lee@tosspot.sv.com
Message-ID: <XXBoRc1w165w@tosspot.sv.com>
Source record: 269977

Hi!

Can anyone out there give me the simple names for the modes
designated:

A2A
A2D
A7W
C3F
F1B
F1D
F1E
F2D
F3A
F3
F3F
F7W
F8W
F9
F9W
G1D
G7W
N0N
P0N
XXA

I have a photocopied page that shows you how to break these things out,
but the definitions it'll give you are NOT user friendly. So, if anyone
can provide the simple terms for each of these modes I'd be grateful.

Please email me at lee@tosspot.sv.com.
Thanks,
Lee.

1073. Re: satellite times != monitoring times

Newsgroup: rec.radio.scanner
Date: 1994-08-26 16:59:31 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <33l71j$2qi@thecourier.cims.nyu.edu>
Source record: 269985

|> so maybe they just used the MT database to print the mailing lables.

I only received a free sample MT about a year ago and they
just sent me an ST!! They're hitting every single one of
us that have ever called..
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

1074. Mobile Antenna?

Newsgroup: rec.radio.scanner
Date: 1994-08-26 17:07:30 UTC
From: jwilliam@Endor.sim.es.com
Message-ID: <33l7gi$2t9@es.com>
Source record: 269963

I am looking for a magnetic mount antenna for my car for scanning.
RS has one for $29 and I have seen a couple advertised in Pop. Com.
that cost about $19. Does anyone have any suggestions or experience
on if one is any better than the other.
Thanks for any help,
Jerry

--

Jerry Williams @ Evans & Sutherland 560 Arapeen Drive, SLC, Utah 84108
jwilliam@endor.sim.es.com or jwilliam@sim.es.com
#include <standard_disclaimer.h>

1075. Re: Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-26 17:13:13 UTC
From: gdallal@world.std.com
Message-ID: <Cv5Ju2.GG6@world.std.com>
Source record: 269964

Berton Corson (g9153402@huey.csun.edu) wrote:

: The way I see it, this is a freedom of speech issue. In the U.S., and
: I'm sure zillions of other countries, we have it. I doubt it is against
: the law to discuss scanner modifications. It isn't against the law to
: have a discussion on how to rob a bank, but it is against the law to
: actually go out and rob a bank!

Careful. There are certain illegal activities whose discussion will get you a visit from many federal agencies and more grief than you could ever imagine! Threaten an elected official or "joke" about a bomb as you board a plane and you'll learn very quickly what free speech is all about.

The point is that it is not illegal to modify a scanner or to possess a scanner capable of receiving the forbidden frequencies. The only thing that is illegal is listening to those frequencies. Many expect the monitoring restrictions of the ECPA to be overturned as soon as someone whose pockets are sufficiently deep takes on the cell phone industry (and the cost of the litigation suggests that no one is going to do it voluntarily). This being the case, why purchase equipment that has been shown to be unrestorable? Discussions of modifications are vital if consumers are to know what equipment might server their future needs when restrictions are removed. However, I predict that the removal of restrictions will coincide with the widespread adoption of digital and encrypted transmissions, so it's all moot in any case. The ECPA is merely a weak attempt to buy the cell industry a few years to convert.

1076. Re: Radio Shack - New Ca

Newsgroup: rec.radio.scanner
Date: 1994-08-26 17:16:57 UTC
From: myers@Eng.Sun.COM
Message-ID: <33l829$d4k@abyss.West.Sun.COM>
Source record: 269973

In article 777834430@f747.n115.z1, Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
writes:
> -=> Quoting Us Borax to All <=-
>
> UB> I was in a RS store this past weekend to buy a $1.79 earphone....the
> UB> man at the counter said that it was too early to break my $20.00 bill,
> UB> so I told him that it was too early to buy his goods....I walked......
>
>Makes you wonder how RS makes _any_ money.
>
>Question...Why don't you have change for a $20 bill?
>
>Answer...It's too early.

It wasn't Radio Shack, but I was a store a few days ago, and my friend
was buying some items and included one for me. I owed him $2, but all I
had was a $20. So, I ask for change from the cashier, she says "I can't
make change if you don't buy something". I loked at her, smiled, and
asked her if she'd ever seen "Falling Down". At first she looked
confused, then she looked a little uncertain.

At least I didn't make her roll back the prices.....

;-)

---
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Sir, over there.... is that a man?" *

1077. Re: 2006 Original Equip

Newsgroup: rec.radio.scanner
Date: 1994-08-26 17:22:02 UTC
From: malxndr@aol.com
Message-ID: <33l8bq$jkk@search01.news.aol.com>
Source record: 269968

In article <777829562@f747.n115.z1>, Jerry Smith
<Jerry.Smith@f747.n115.z1.fidonet.org> writes:

You need to get a better antenna. I had the same problem. Even the $17
scanner antenna that RS sells will do a far better job than the whip.
Better yet, get a Scantenna or something comparable (about $40).

1078. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-26 17:29:24 UTC
From: dseitel@crl.com
Message-ID: <33l8pk$n2@crl5.crl.com>
Source record: 269969

Barry Chalcroft,2136,x8723,18849, wrote:

> Considering I pay for the police officers in my area, I
> personally feel that the taxpayers the right to monitor
> most transmissions. I say most because I also believe that
> some information need to be protected (names of undercover
> officers, juvenile offeneders names, rape victims, etc.).

I agree. And as scanner enthusiasts we can use judgment and discretion.

> Which would you rather have; a police state or a free country?

From the bulk of our laws it's clear that most people favor "safety".
Problem is, trading liberty for security results ultimately in neither.

David S. Eitelbach
dseitel@crl.com

1079. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-26 17:44:54 UTC
From: jkimbro@mezzrtm.lasc.lockheed.com
Message-ID: <Cv5LAv.Au2@butch.lmsc.lockheed.com>
Source record: 269997

In article g10@hebron.connected.com, daheinen@connected.com (Dean Heinen) writes:
>Alex O Leu (orion1@iastate.edu) wrote:
>{deletia}
>
>: I am one who could care less if people have scanners in there homes as long
>: as they stay away from the scene.
>
>I will operate a scanner wherever the hell I chose to. If your department
>is so stupid as to communicate "in the clear" I will listen, if it causes
>interest, I WILL GO SEE.
>
>: And yes I have been assisted by scanner listeners on more than one occasion.
>: And yes I appreciate the help as long as they stay out of the way.
>

... snip ...

>I don't give a damn about your or his attitude. Just your communications.
>I believe that is what this group is about.
^^^
>
>If cops continue to use STUPID communications, like old fashioned
>narrowband FM, transmitted in the clear, then I figure that they will
>continue to deal with somebody hearing it and "getting in the way".

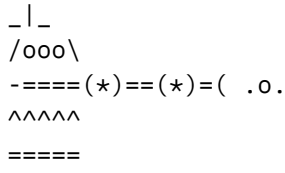
Look at the newsgroup name; it starts with "rec", as in recreation. That's
what this newsgroup is about. And if cops *don't* continue to use old fashioned
narrowband FM transmitted in the clear, then the recreational scanner users
who enjoy listening to police and fire aren't going to have much of a hobby,
are they?

If law enforcement officers feel that they are being hampered by nosey
scanner listeners, they will convert their communications systems to
something less convenient or impossible for the average hobbiest to
listen to.

>Dean
>
>(a professional communications engineer, with no patience for the absurd)
>

Sound's like maybe you don't care whether the rest of use can still listen!

Jon Kimbrough jkimbro@lasc.lockheed.com



Disclaimer: The opinions expressed herein, either stated or implied, are solely my own and do not reflect Lockheed's views in any manner.

1080. Re: My Chat With The Whit

Newsgroup: rec.radio.scanner
Date: 1994-08-26 17:56:00 UTC
From: AJ-KLOPP@UIOWA.EDU
Message-ID: <93.736.7592.0NFB2F83@UIOWA.EDU>
Source record: 269558

Message-ID: <aj-klopp.2.0@uiowa.edu>
Newsgroup: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner
comp.org.eff.talk
Organization: U of Iowa Hospitals & Clinics

In article <crispCv0zEs.3Fp@netcom.com> crisp@netcom.com (Richard Crisp)
writes:
>From: crisp@netcom.com (Richard Crisp)
>Subject: Re: My Chat with the White House
>Date: Wed, 24 Aug 1994 06:01:39 GMT
>In article <CuL1L6.5MJ@rci.ripco.com> glr@ripco.com (Glen Roberts) writes:
>>FD> they were being monitored by average citizens out there and we wanted
>>FD> to get her comments on, the use of radio telephones from Air Force
>>FD> One and the public listening in.
>
>I'm sure Glen had a grand old time making this call. But I would like]
>to ask him and others to please refrain from doing this dort of thing.
>
>If you were Prez Dude Bill and heard this story, how would you feel
>if some scanner owners contacted you and asked for your support
>in overturning the ECPA86 the Cell Capable Scanner Ban of 92 or
>the pending HR3822 (Digital Telephony Bill)? I don;t think you
>would get any action at all from him that will help. Rather they will
>be very pissed and determined to once and for all get this scanner stuff
>outlawed.....
>
>
>
>--
>Richard Crisp Cupertino, Ca. crisp@netcom.com
>(415) 903-3832 wk (408) 253 4541 fax
> For PGP Public Key, type finger crisp@netcom.com
>"It is a good thing that we do not get as much government as we pay for"
> -Will Rogers

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

1081. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-26 17:56:14 UTC
From: aj-klopp@uiowa.edu
Message-ID: <aj-klopp.2.0@uiowa.edu>
Source record: 269847
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

In article <crispCv0zEs.3Fp@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>From: crisp@netcom.com (Richard Crisp)
>Subject: Re: My Chat with the White House
>Date: Wed, 24 Aug 1994 06:01:39 GMT
>In article <CuL1L6.5MJ@rci.ripco.com> glr@ripco.com (Glen Roberts) writes:
>>FD> they were being monitored by average citizens out there and we wanted
>>FD> to get her comments on, the use of radio telephones from Air Force
>>FD> One and the public listening in.
>
>I'm sure Glen had a grand old time making this call. But I would like]
>to ask him and others to please refrain from doing this dort of thing.
>
>If you were Prez Dude Bill and heard this story, how would you feel
>if some scanner owners contacted you and asked for your support
>in overturning the ECPA86 the Cell Capable Scanner Ban of 92 or
>the pending HR3822 (Digital Telephony Bill)? I don;t think you
>would get any action at all from him that will help. Rather they will
>be very pissed and determined to once and for all get this scanner stuff
>outlawed.....
>
>
>
>--
>Richard Crisp Cupertino, Ca. crisp@netcom.com
>(415) 903-3832 wk (408) 253 4541 fax
> For PGP Public Key, type finger crisp@netcom.com
>"It is a good thing that we do not get as much government as we pay for"
> -Will Rogers

1082. Re: PRO-39 v. PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-08-26 18:03:19 UTC
From: Thomas Finch <type_o@delphi.com>
Message-ID: <5a8SFpv.type_o@delphi.com>
Source record: 269962

John Quill Taylor <jqtaylor@boi.hp.com> writes:

>The Pro 43 "remembers" the channels without batteries, although many times I
>have left my Pro 39 on all night (after the batteries expired) and the
>frequencies were still there. Maybe I am just lucky.

No, this is the reason why the Pro-43 is more expensive than
the Pro-39. The 43 has an internal PROM that will store all of
your programmed freqs indefinitely, without any power. All of the
other handhelds will store them for about 1 hour without power.

1083. Re: Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-26 18:08:22 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <33lb2m$3oi@thecourier.cims.nyu.edu>
Source record: 269987

: Caution on posting scanner mods here.

This is so typical of all the world's subnets joining
into one.

At least AOL'ers ask the same question a million times.

Fido newbies think they just added one more 1,000 reader
echo with some 16 year old moderator playing God.

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

1084. Mailing list

Newsgroup: rec.radio.scanner
Date: 1994-08-26 18:23:16 UTC
From: sibert@rmii.com
Message-ID: <33lbuk$96l@potogold.rmii.com>
Source record: 269970

Newbie question

Are articles in this group sent to any mailing list? If so, how does
one join?

Please email responses.

Thanks!

--
==
= Steve J. Sibert Decision-Science Applications, Inc. =
= 1755 Telstar Drive, Ste 201 Colorado Springs, CO. 80920 =
= Internet: sibert@dsai.com (719) 593-5974 =
==

1085. Re: PRO-51 secrets help

Newsgroup: rec.radio.scanner
Date: 1994-08-26 19:18:17 UTC
From: horak@convex.com
Message-ID: <33lf5p$gss@eugene.convex.com>
Source record: 269974

In <777833944@f747.n115.z1> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:

> 1. Step to the MONITOR channel you wish to permanantly store, then press
>PROGRAM, then the desired memory channel number (including those with
>factory-preprogrammed test frequencies.)

> 2. Press in sequence PROGRAM, MONITOR, ENTER. Repeat steps 1 and 2 for
>each channel to be memorized.

I just scanned down to the end of the bands (869.01 and 894.00) and loaded
those into memory. I don't want a bunch of cell channels in my memories.
Besides, there are several hundred of them. With these two, I can scan
all points in between.

David

1086. Re: pro-51 vs pro34/37 - intermod

Newsgroup: rec.radio.scanner
Date: 1994-08-26 19:27:09 UTC
From: horak@convex.com
Message-ID: <33lfmd$hgf@eugene.convex.com>
Source record: 269975

In <Cv5GF3.1Lz@nntpa.cb.att.com> parnass@nwsf.ih.att.com (Bob Parnass, AJ9S) writes:

>In article <33kv89$t7a@eugene.convex.com>,
>David Horak <horak@convex.com> wrote:

> >I've had mine about a day now and it seems to have up conversion with
> >the cellular base images in the 900 MHz band but your image problem
> >(from private email) seems to be in the 854 cop region. If this unit
> >is up conversion the you could be getting the cell handset images from
> >824 to 851 up there at 854.....

>"Up conversion" means using a very high frequency (e.g., 700 MHz)
>in the first IF, as employed in the PRO-2006. You are confusing
>up conversion with "high side injection" and "low side injection" --
>that is, whether the local oscillator is above or below the
>receive frequency.

Well, OK. I see what you're saying. I hope everyone knew what I meant
since the scanner is double conversion and I was talking about the 10.8
IF oscillator. The images seem to be converted up 21.6 (not 21.4) MHz
instead of down like most R/S scanners I've seen.

>Also, many postings confuse up conversion with immunity from
>intermod. The two concepts are not related at all.

Correct. I'm talking images here. But while we're at it, the unit
does seem to be fairly prone to intermod too but that's no surprise.

David

1087. Re: PRO-39 v. PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-08-26 19:32:53 UTC
From: horak@convex.com
Message-ID: <33lg15$hr0@eugene.convex.com>
Source record: 269979

In <5a8SFpv.type_o@delphi.com> Thomas Finch <type_o@delphi.com> writes:

>John Quill Taylor <jqtaylor@boi.hp.com> writes:
>
>>The Pro 43 "remembers" the channels without batteries, although many times I
>>have left my Pro 39 on all night (after the batteries expired) and the
>>frequencies were still there. Maybe I am just lucky.
>
>
>No, this is the reason why the Pro-43 is more expensive than
>the Pro-39. The 43 has an internal PROM that will store all of
>your programmed freqs indefinitely, without any power. All of the
>other handhelds will store them for about 1 hour without power.

While this may be a valid benefit of the pro43, there are several features
which make the 43 more valuable including the 200 MHz band, AM/FM switch
and triple conversion (isn't the 39 dual?). Also, the 43 can be modified
to include the 54-88 band.

David

1088. Re: Radio Shack - New Ca

Newsgroup: rec.radio.scanner
Date: 1994-08-26 20:03:44 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <33lhr0$5ad@thecourier.cims.nyu.edu>
Source record: 269989

```
|> Question...Why don't you have change for a $20 bill?
|> Answer...It's too early.

I was the second customer for the day at a Burger King
one morning.. the first one was a Princeton prof who tried
to buy a Croissanwich with a Jackson. He insisted it was
American money.. I insisted that I needed to catch my train!

Why does *everyone* have an agenda these days? :)
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com
```

1089. Re: Cellular phones

Newsgroup: rec.radio.scanner
Date: 1994-08-26 21:12:28 UTC
From: Reuben M <magicmagic@delphi.com>
Message-ID: <Jk6wV38.magicmagic@delphi.com>
Source record: 269998

David Packer <davep@paladin.corp.sgi.com> writes:

>Someone once told me that it was possible to have a cellular phone
>scan different channels/freqs. so that you could listen to them.
>I have a motorola 550 cellular phone and was curious if it is possible?
>and if someone knew how.

You have to place the phone in test mode with a little pice of tim foil
on the middle connector then place the battery on the phone.;
After that you have to un-mute the audio and then load a cellualr channel
into the memory. The cellular channle will be a 3 digfit number. The
codes you need are in a back issue of nuts volts or the motorola service
manual. If you can't get these emial me and I'll try to fax the pages to
you or something maybe read them to you over the phone...

magicmagic@delphi.com

1090. Pro-43 Question

Newsgroup: rec.radio.scanner
Date: 1994-08-26 21:13:08 UTC
From: ericl@panix.com
Message-ID: <33llt4$mbj@panix.com>
Source record: 269981

I've found a Radio Shack which has a
Pro-43 w/ a manufacturing date of 4A3.

Is this unit modifiable?

Thanx.

1091. 2006 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-08-26 21:21:51 UTC
From: Reuben M <magicmagic@delphi.com>
Message-ID: <BkzQtt3.magicmagic@delphi.com>
Source record: 269976

I just added an opti-scan 486 to a pro 2006 scanner. Now I'm trying
to decide if I should sell it and get an AOR 3000a b4 they are not available
thru
mail order anymore. Does anyone want to talk me out of selling the pro 2006?
Maybe there something about the? Maybe there is something about the aor 3000a
that I won't like? Well anyway I'm looking for the best offer on the 2006
fully modified with
the opti=scan 486 and cellular and a slight scan per sec. speed increase..
Thank you.. Where can I get the aor 3000a for the best price. Thanx again..

Reuben

magicmagic@delphi.com

sorry for the choppy typing the net-lag screwed me up...

1092. HR4922: Scanner Ban Bill (Long)

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Here it is folks! After sounding like a moron when I called my
representatives and didn't have the info they needed I did a little
digging at the Library of Congress telnet site. The correct bill number
is HR4922, NOT HR3822 (which relates to merchant ships or something).
This clearly outlaws scanners and I urge you to get on the phone with
your Congressional representatives and let them know how you feel about this.

In addition to banning scanners, it looks like this may be another FBI
wiretap proposal. That may provide more incentive to call your
representatives. Although I have not examined the bill in great detail,
I found it to be the bill in question by skimming.

Here it is:

103d Congress H. R. 4922 As Introduced in the House

Note: This document is the unofficial version of a Bill or Resolution.
The printed Bill and Resolution produced by the Government Printing
Office is the only official version.

VERSION As Introduced in the House
CONGRESS 103d CONGRESS
2d Session
BILL H. R. 4922
TITLE To amend title 18, United States Code, to make clear a
telecommunications carrier`s duty to cooperate in the
interception of communications for law enforcement purposes,
and for other purposes.

IN THE HOUSE OF REPRESENTATIVES
AUGUST 9, 1994
Mr. Edwards of California (for himself and Mr. Hyde) introduced the
following bill; which was referred to the Committee on the
Judiciary

TEXT A BILL
To amend title 18, United States Code, to make clear a
telecommunications carrier`s duty to cooperate in the
interception of communications for law enforcement purposes,
and for other purposes.
Be it enacted by the Senate and House of Representatives of the
United States of America in Congress assembled,
SECTION 1. INTERCEPTION OF DIGITAL AND OTHER COMMUNICATIONS.
(a) In General . - Part I of title 18, United States Code, is
amended by inserting after chapter 119 the following new chapter:

`CHAPTER 120 - TELECOMMUNICATIONS CARRIER ASSISTANCE TO THE GOVERNMENT
`Sec.
`2601. Definitions.
`2602. Assistance capability requirements.
`2603. Notices of capacity requirements.
`2604. Systems security and integrity.
.
`2605. Cooperation of equipment manufacturers and providers of telecommunications support services.
`2606. Technical requirements and standards; extension of compliance date.
`2607. Enforcement orders.
`2608. Reimbursement of telecommunications carriers.
`Sec. 2601. Definitions
`(a) Definitions . - In this chapter -
`the terms defined in section 2510 have, respectively, the meanings stated in that section.
` `call-identifying information` -
`(A) means all dialing or signalling information associated with the origin, direction, destination, or termination of each communication generated or received by the subscriber equipment, facility, or service of a telecommunications carrier that is the subject of a court order or lawful authorization; but
`(B) does not include any information that may disclose the physical location of the subscriber (except to the extent that the location may be determined from the telephone number).
` `Commission` means the Federal Communications Commission.
` `government` means the government of the United States and any agency or instrumentality thereof, the District of Columbia, any commonwealth, territory, or possession of the United States, and any State or political subdivision thereof authorized by law to conduct electronic surveillance.
` `information services` -
`(A) means the offering of a capability for generating, acquiring, storing, transforming, processing, retrieving, utilizing, or making available information via telecommunica.
tions; and
`(B) includes electronic publishing and messaging services; but
`(C) does not include any use of any such capability for the management, control, or operation of a telecommunications system or the management of a telecommunications service.
` `provider of telecommunications support services` means a person or entity that provides a product, software, or service to a telecommunications carrier that is integral to such

carrier`s switching or transmission of wire or electronic
communications.
` `telecommunications carrier` -
`(A) means a person or entity engaged in the transmission
or switching of wire or electronic communications as a
common carrier for hire (within the meaning of section 3(h)
of the Communications Act of 1934 (47 U.S.C. 153(h))); and
`(B) includes -
`(i) a person or entity engaged in providing
commercial mobile service (as defined in section 332(d)
of the Communications Act of 1934 (47 U.S.C. 332(d)));
and
`(ii) a person or entity engaged in providing wire or
electronic communication switching or transmission
service to the extent that the Commission finds that
such service is a replacement for a substantial portion
of the local telephone exchange service and that it is
in the public interest to deem such a person or entity
to be a telecommunications carrier for purposes of this
chapter; but
`(C) does not include persons or entities insofar as they
ar.
e engaged in providing information services.
`Sec. 2602. Assistance capability requirements
`(a) Capability Requirements . - Except as provided in
subsections (b), (c), and (d) of this section, and subject to
section 2607(c), a telecommunications carrier shall ensure that its
services or facilities that provide a customer or subscriber with
the ability to originate, terminate, or direct communications are
capable of -
`(1) expeditiously isolating and enabling the government to
intercept, to the exclusion of any other communications, all
wire and electronic communications carried by the carrier
within a service area to or from equipment, facilities, or
services of a subscriber of such carrier concurrently with
their transmission to or from the subscriber`s service,
facility, or equipment or at such later time as may be
acceptable to the government;
`(2) expeditiously isolating and enabling the government to
access call-identifying information that is reasonably
available to the carrier -
`(A) before, during, or immediately after the
transmission of a wire or electronic communication (or at
such later time as may be acceptable to the government);
and
`(B) in a manner that allows it to be associated with the
communication to which it pertains,
except that, with regard to information acquired solely
pursuant to the authority for pen registers and trap and trace
devices (as defined in section 3127), such call-identifying

information shall not include any information that may disclose
the physical location of the subscriber (except to the extent
that th.
e location may be determined from the telephone number);
`(3) delivering intercepted communications and
call-identifying information to the government in a format such
that they may be transmitted by means of facilities or services
procured by the government to a location other than the
premises of the carrier; and
`(4) facilitating authorized communications interceptions and
access to call-identifying information unobtrusively and with a
minimum of interference with any subscriber`s
telecommunications service and in a manner that protects -
`(A) the privacy and security of communications and
call-identifying information not authorized to be
intercepted; and
`(B) information regarding the government`s interception
of communications and access to call-identifying
information.
`(b) Limitations . -
`(1) Design of features and systems configurations . - This
chapter does not authorize any law enforcement agency or officer -
`(A) to require any specific design of features or system
configurations to be adopted by providers of wire or
electronic communication service, manufacturers of
telecommunications equipment, or providers of
telecommunications support services; or
`(B) to prohibit the adoption of any feature or service
by providers of wire or electronic communication service,
manufacturers of telecommunications equipment, or providers
of telecommunications support services.
`(2) Information services and interconnection services and
facilities . - The requirements of subsection (a) do not apply
.
to -
`(A) information services; or
`(B) services or facilities that support the transport or
switching of communications for the sole purpose of
interconnecting telecommunications carriers or private
networks.
`(3) Encryption . - A telecommunications carrier shall not
be responsible for decrypting, or ensuring the government`s ability
to decrypt, any communication encrypted by a subscriber or
customer, unless the encryption was provided by the carrier and the
carrier possesses the information necessary to decrypt the
communication.
`(c) Emergency or Exigent Circumstances . - In emergency or
exigent circumstances (including those described in sections 2518
(7) or (11)(b) and 3125 of this title and section 1805(e) of title
50), a carrier may fulfill its responsibilities under subsection

(a)(3) by allowing monitoring at its premises if that is the only means of accomplishing the interception or access.
`(d) Mobile Service Assistance Requirements . - A telecommunications carrier offering a feature or service that allows subscribers to redirect, hand off, or assign their wire or electronic communications to another service area or another service provider or to utilize facilities in another service area or of another service provider shall ensure that, when the carrier that had been providing assistance for the interception of wire or electronic communications or access to call-identifying information pursuant to a court order or lawful authorization no longer has access to the content of such communications or call-identifying information within the service area in which interception has been occurring as a result of the s.
ubscriber`s use of such a feature or service, information is available to the government (before, during, or immediately after the transfer of such communications) identifying the provider of wire or electronic communication service that has acquired access to the communications.
`Sec. 2603. Notices of capacity requirements
`(a) Notices of Maximum and Initial Capacity Requirements . -
`(1) In general . - Not later than 1 year after the date of enactment of this chapter, and after consulting with State and local law enforcement agencies, telecommunications carriers, providers of telecommunications support services, and manufacturers of telecommunications equipment, the Attorney General shall publish in the Federal Register and provide to appropriate telecommunications carrier associations, standard-setting organizations, and fora -
`(A) notice of the maximum capacity required to accommodate all of the communication interceptions, pen registers, and trap and trace devices that the Attorney General estimates that government agencies authorized to conduct electronic surveillance may conduct and use simultaneously; and
`(B) notice of the number of communication interceptions, pen registers, and trap and trace devices, representing a portion of the maximum capacity set forth under subparagraph (A), that the Attorney General estimates that government agencies authorized to conduct electronic surveillance may conduct and use simultaneously after the date that is 4 years after the date of enactment of this chapter.
`(2) Basis of notices . - The notices issued . under paragraph (1) may be based upon the type of equipment, type of service, number of subscribers, geographic location, or other measure.
`(b) Compliance With Capacity Notices . -
`(1) Initial capacity . - Within 3 years after the publication by the Attorney General of a notice of capacity

requirements or within 4 years after the date of enactment of this chapter, whichever is longer, a telecommunications carrier shall ensure that its systems are capable of -
`(A) expanding to the maximum capacity set forth in the notice under paragraph (1)(A); and
`(B) accommodating simultaneously the number of interceptions, pen registers, and trap and trace devices set forth in the notice under paragraph (1)(B).
`(2) Permanent capacity . - After the date described in paragraph (1), a telecommunications carrier shall ensure that it can accommodate expeditiously any increase in the number of communication interceptions, pen registers, and trap and trace devices that authorized agencies may seek to conduct and use, up to the maximum capacity requirement set forth in the notice under paragraph (1)(A).
`(c) Notices of Increased Maximum Capacity Requirements . -
`(1) The Attorney General shall periodically provide to telecommunications carriers written notice of any necessary increases in the maximum capacity requirement set forth in the notice under subsection (b)(1).
`(2) Within 3 years after receiving written notice of increased capacity requirements under paragraph (1), or within such longer time period as the Attorney General may specify, a telecommunications carrier shall ensure that its systems.
are
capable of expanding to the increased maximum capacity set forth in the notice.
`Sec. 2604. Systems security and integrity
`A telecommunications carrier shall ensure that any court ordered or lawfully authorized interception of communications or access to call-identifying information effected within its switching premises can be activated only with the affirmative intervention of an individual officer or employee of the carrier.
`Sec. 2605. Cooperation of equipment manufacturers and providers of telecommunications support services
`(a) Consultation . - A telecommunications carrier shall consult, as necessary, in a timely fashion with manufacturers of its telecommunications transmission and switching equipment and its providers of telecommunications support services for the purpose of identifying any service or equipment, including hardware and software, that may require modification so as to permit compliance with this chapter.
`(b) Modification of Equipment and Services . - Subject to section 2607(c), a manufacturer of telecommunications transmission or switching equipment and a provider of telecommunications support services shall, on a reasonably timely basis and at a reasonable charge, make available to the telecommunications carriers using its equipment or services such modifications as are necessary to permit such carriers to comply with this chapter.
`Sec. 2606. Technical requirements and standards; extension of

compliance date
`(a) Safe Harbor . -
`(1) Consultation . - To ensure the efficient and
industry-wide implementation of the assistance capability
requirements under section 2602, the Attorney General, in.

coordination with other Federal, State, and local law enforcement
agencies, shall consult with appropriate associations and
standard-setting organizations of the telecommunications industry.
`(2) Compliance under accepted standards . - A
telecommunications carrier shall be found to be in compliance with
the assistance capability requirements under section 2602, and a
manufacturer of telecommunications transmission or switching
equipment or a provider of telecommunications support services
shall be found to be in compliance with section 2605, if the
carrier, manufacturer, or support service provider is in compliance
with publicly available technical requirements or standards are
adopted by an industry association or standard-setting organization
or by the Commission under subsection (b) to meet the requirements
of section 2602.
`(3) Absence of standards . - The absence of technical
requirements or standards for implementing the assistance
capability requirements of section 2602 shall not -
`(A) preclude a carrier, manufacturer, or services
provider from deploying a technology or service; or
`(B) relieve a carrier, manufacturer, or service provider
of the obligations imposed by section 2602 or 2605, as
applicable.
`(b) FCC Authority . -
`(1) In general . - If industry associations or
standard-setting organizations fail to issue technical requirements
or standards or if a government agency or any other person believes
that such requirements or standards are deficient, the agency or
person may petition the Commission to establish, by notice and
comment rulemaking or such other proceedings as the Commission may
.
be authorized to conduct, technical requirements or standards that
-
`(A) meet the assistance capability requirements of
section 2602;
`(B) protect the privacy and security of communications
not authorized to be intercepted; and
`(C) serve the policy of the United States to encourage
the provision of new technologies and services to the
public.
`(2) Transition period . - If an industry technical
requirement or standard is set aside or supplanted as a result of
Commission action under this section, the Commission, after
consultation with the Attorney General, shall establish a
reasonable time and conditions for compliance with and the

transition to any new standard, including defining the obligations
of telecommunications carriers under section 2602 during any
transition period.
`(c) Extension of Compliance Date for Features and Services . -
`(1) Petition . - A telecommunications carrier proposing to
deploy, or having deployed, a feature or service within 4 years
after the date of enactment of this chapter may petition the
Commission for 1 or more extensions of the deadline for complying
with the assistance capability requirements under section 2602.
`(2) Ground for extension . - The Commission may, after
affording a full opportunity for hearing and after consultation
with the Attorney General, grant an extension under this paragraph,
if the Commission determines that compliance with the assistance
capability requirements under section 2602 is not reasonably
achievable through application of technology available within the
compliance period.
`(3) Length of extension . - An exten.
sion under this
paragraph shall extend for no longer than the earlier of -
`(A) the date determined by the Commission as necessary
for the carrier to comply with the assistance capability
requirements under section 2602; or
`(B) the date that is 2 years after the date on which the
extension is granted.
`(4) Applicability of extension . - An extension under this
subsection shall apply to only that part of the carrier`s business
on which the new feature or service is used.
`Sec. 2607. Enforcement orders
`(a) Enforcement by Court Issuing Surveillance Order . - If a
court authorizing an interception under chapter 119, a State
statute, or the Foreign Intelligence Surveillance Act of 1978 (50
U.S.C. 1801 et seq.) or authorizing use of a pen register or a trap
and trace device under chapter 206 or a State statute finds that a
telecommunications carrier has failed to comply with the
requirements in this chapter, the court may direct that the carrier
comply forthwith and may direct that a provider of support services
to the carrier or the manufacturer of the carrier`s transmission or
switching equipment furnish forthwith modifications necessary for
the carrier to comply.
`(b) Enforcement Upon Application by Attorney General . - The
Attorney General may apply to the appropriate United States
district court for, and the United States district courts shall
have jurisdiction to issue, an order directing that a
telecommunications carrier, a manufacturer of telecommunications
transmission or switching equipment, or a provider of
telecommunications support services comply with this chapter.
`(c) Grounds for Issuance . - A court shall issu.
e an order under
subsection (a) or (b) only if the court finds that -
`(1) alternative technologies or capabilities or the

facilities of another carrier are not reasonably available to
law enforcement for implementing the interception of
communications or access to call-identifying information; and
`(2) compliance with the requirements of this chapter is
reasonably achievable through the application of available
technology to the feature or service at issue or would have
been reasonably achievable if timely action had been taken.
`(d) Time for Compliance . - Upon issuance of an enforcement
order under this section, the court shall specify a reasonable time
and conditions for complying with its order, considering the good
faith efforts to comply in a timely manner, any effect on the
carrier`s, manufacturer`s, or service provider`s ability to
continue to do business, the degree of culpability or delay in
undertaking efforts to comply, and such other matters as justice
may require.
`(e) Limitation . - An order under this section may not require
a telecommunications carrier to meet the government`s demand for
interception of communications and acquisition of call-identifying
information to any extent in excess of the capacity for which
notice has been provided under section 2603.
`(f) Civil Penalty . -
`(1) In general . - A court issuing an order under this
section against a telecommunications carrier, a manufacturer of
telecommunications transmission or switching equipment, or a
provider of telecommunications support services may impose a civil
penalty of up to $10,000 per day for each day in violation after
the issuance of the order.
or after such future date as the court
may specify.
`(2) Considerations . - In determining whether to impose a
fine and in determining its amount, the court shall take into
account -
`(A) the nature, circumstances, and extent of the
violation;
`(B) the violator`s ability to pay, the violator`s good
faith efforts to comply in a timely manner, any effect on
the violator`s ability to continue to do business, the
degree of culpability, and the length of any delay in
undertaking efforts to comply; and
`(C) such other matters as justice may require.
`(3) Civil action . - The Attorney General may file a civil
action in the appropriate United States district court to collect,
and the United States district courts shall have jurisdiction to
impose, such fines.
`Sec. 2608. Reimbursement of telecommunications carriers
`(a) In General . - The Attorney General shall, subject to the
availability of appropriations, reimburse telecommunications
carriers for all reasonable costs directly associated with -
`(1) the modifications performed by carriers prior to the
effective date of section 2602 or prior to the expiration of

any extension granted under section 2606(c) to establish the capabilities necessary to comply with section 2602;
`(2) meeting the maximum capacity requirements set forth in the notice under section 2603(a)(1)(A); and
`(3) expanding existing facilities to accommodate simultaneously the number of interceptions, pen registers and trap and trace devices for which notice has been provided under section 2603(a)(1)(B).
`(b) Procedures.
and Regulations . - Notwithstanding any other law, the Attorney General may establish any procedures and regulations deemed necessary to effectuate timely and cost-efficient reimbursement to telecommunications carriers for reimbursable costs incurred under this chapter, under chapters 119 and 121, and under the Foreign Intelligence Surveillance Act of 1978 (50 U.S.C. 1801 et seq.).
`(c) Dispute Resolution . - If there is a dispute between the Attorney General and a telecommunications carrier regarding the amount of reasonable costs to be reimbursed under subsection (b), the dispute shall be resolved and the amount determined in a proceeding initiated at the Commission under section 2606(b) or by the court from which an enforcement order is sought under section 2607.
`(d) Lack of Appropriated Funds . - The lack of appropriated funds sufficient to reimburse telecommunications carriers for modifications under subsection (a) shall be considered by the Commission or a court in determining whether compliance is reasonable under section 2607(c).`.
(b) Technical Amendment . - The part analysis for part I of title 18, United States Code, is amended by inserting after the item relating to chapter 119 the following new item:
`120. Telecommunications carrier assistance to the Government 2601`.
SEC. 2. AUTHORIZATION OF APPROPRIATIONS.
There are authorized to be appropriated to carry out section 2608 of title 18, United States Code, as added by section 1 -
(1) a total of $500,000,000 for fiscal years 1995, 1996, 1997, and 1998; and
(2) such sums as are necessary for each fiscal year thereafte.
r.
SEC. 3. EFFECTIVE DATE.
(a) In General . - Except as provided in paragraph (2), chapter 120 of title 18, United States Code, as added by section 1, shall take effect on the date of enactment of this Act.
(b) Assistance Capability and Systems Security and Integrity Requirements . - Sections 2602 and 2604 of title 18, United States Code, as added by section 1, shall take effect on the date that is 4 years after the date of enactment of this Act.
SEC. 4. REPORTS.

(a) Reports by the Attorney General . -
(1) In general . - On or before November 30, 1995, and on or before November 30 of each year for 5 years thereafter, the Attorney General shall submit to the Congress a report on the amounts paid during the preceding fiscal year in reimbursement to telecommunications carriers under section 2608 of title 18, United States Code, as added by section 1.
(2) Contents . - A report under paragraph (1) shall include -
(A) a detailed accounting of the amounts paid to each carrier and the technology, feature or service for which the amounts were paid; and
(B) projections of the amounts expected to be paid in the current fiscal year, the carriers to which reimbursement is expected to be paid, and the technologies, services, or features for which reimbursement is expected to be paid.
(b) Reports by the Comptroller General . -
(1) In general . - On or before April 1, 1996, and April 1, 1998, the Comptroller General of the United States, after consultation with the Attorney General and the telecommunications industry, shall submit to the Congress a report reflecting its audit of the sum.
s paid by the Attorney General to carriers in reimbursement.
(2) Contents . - A report under paragraph (1) shall include the findings and conclusions of the Comptroller General on the costs to be incurred after the compliance date, including projections of the amounts expected to be incurred and the technologies, services, or features for which expenses are expected to be incurred.
SEC. 5. CORDLESS TELEPHONES.
(a) Definitions . - Section 2510 of title 18, United States Code, is amended -
(1) in paragraph (1) by striking `but such term does not include` and all that follows through `base unit`; and
(2) in paragraph (12) by striking subparagraph (A) and redesignating subparagraphs (B), (C), and (D) as subparagraphs (A), (B), and (C), respectively.
(b) Penalty . - Section 2511 of title 18, United States Code, is amended -
(1) in subsection (4)(b)(i) by inserting `a cordless telephone communication that is transmitted between the cordless telephone handset and the base unit,` after `cellular telephone communication,`; and
(2) in subsection (4)(b)(ii) by inserting `a cordless telephone communication that is transmitted between the cordless telephone handset and the base unit,` after `cellular telephone communication,`.
SEC. 6. RADIO-BASED DATA COMMUNICATIONS.
Section 2510(16) of title 18, United States Code, is amended -

(1) by striking `or` at the end of subparagraph (D);
(2) by inserting `or` at the end of subparagraph (E); and
(3) by inserting after subparagraph (E) the following new subparagraph:
`(F) an electronic communication;`
SEC. 7..
PENALTIES FOR MONITORING RADIO COMMUNICATIONS THAT ARE TRANSMITTED USING MODULATION TECHNIQUES WITH NONPUBLIC PARAMETERS.
Section 2511(4)(b) of title 18, United States Code, is amended by striking `or encrypted, then` and inserting `, encrypted, or transmitted using modulation techniques the essential parameters of which have been withheld from the public with the intention of preserving the privacy of such communication`.
SEC. 8. TECHNICAL CORRECTION.
Section 2511(2)(a)(i) of title 18, United States Code, is amended by striking `used in the transmission of a wire communication` and inserting `used in the transmission of a wire or electronic communication`.
SEC. 9. FRAUDULENT ALTERATION OF COMMERCIAL MOBILE RADIO INSTRUMENTS.
(a) Offense . - Section 1029(a) of title 18, United States Code, is amended -
(1) by striking `or` at the end of paragraph (3); and
(2) by inserting after paragraph (4) the following new paragraphs:
`(5) knowingly and with intent to defraud uses, produces, traffics in, has control or custody of, or possesses a telecommunications instrument that has been modified or altered to obtain unauthorized use of telecommunications services; or
`(6) knowingly and with intent to defraud uses, produces, traffics in, has control or custody of, or possesses -
`(A) a scanning receiver; or
`(B) hardware or software used for altering or modifying telecommunications instruments to obtain unauthorized access to telecommunications services,`.
(b) Penalty . - Section 1029(c)(2) of title 18, United States Code, is amended by strikin.
g `(a)(1) or (a)(4)` and inserting `(a)(1), (4), (5), or (6)`.
(c) Definitions . - Section 1029(e) of title 18, United States Code, is amended -
(1) in paragraph (1) by inserting `electronic serial number, mobile identification number, personal identification number, or other telecommunications service, equipment, or instrument identifier,` after `account number,`;
(2) by striking `and` at the end of paragraph (5);
(3) by striking the period at the end of paragraph (6) and inserting `; and`; and
(4) by adding at the end the following new paragraph:

`(7) the term `scanning receiver` means a device or apparatus
that can be used to intercept a wire or electronic
communication in violation of chapter 119.`.
SEC. 10. TRANSACTIONAL DATA.
(a) Disclosure of Records . - Section 2703 of title 18, United
States Code, is amended -
(1) in subsection (c) -
(A) in subparagraph (B) -
(i) by striking clause (i); and
(ii) by redesignating clauses (ii), (iii), (iv) as
clauses (i), (ii), and (iii), respectively; and
(B) by adding at the end the following new subparagraph:
`(C) A provider of electronic communication service or
remote computing service shall disclose to a governmental
entity the name, billing address, and length of service of
a subscriber to or customer of such service and the types
of services the subscriber or customer utilized, when the
governmental entity uses an administrative subpoena
authorized by a Federal or State statute or a Federal or
State grand jury or trial subpo.
ena or any means available
under subparagraph (B).`; and
(2) by amending the first sentence of subsection (d) to read
as follows: `A court order for disclosure under subsection (b)
or (c) may be issued by any court that is a court of competent
jurisdiction described in section 3126(2)(A) and shall issue
only if the governmental entity offers specific and articulable
facts showing that there are reasonable grounds to believe that
the contents of a wire or electronic communication, or the
records or other information sought, are relevant and material
to an ongoing criminal investigation.`.
(b) Pen Registers and Trap and Trace Devices . - Section 3121 of
title 18, United States Code, is amended -
(1) by redesignating subsection (c) as subsection (d); and
(2) by inserting after subsection (b) the following new
subsection:
`(c) Limitation . - A government agency authorized to install
and use a pen register under this chapter or under State law, shall
use technology reasonably available to it that restricts the
recording or decoding of electronic or other impulses to the
dialing and signalling information utilized in call processing.`.
HR 4922 IH - - 2

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Greg Corteville | "We are the knights who say Nee!"
gcortevi@nyx10.cs.du.edu | - Monty Python's QFTHG
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---[PGP Key available via finger]----------

1093. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-26 21:52:34 UTC
From: wcs@cbnewsh.cb.att.com
Message-ID: <Cv5wrM.7E3@cbnewsh.cb.att.com>
Source record: 270001
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

In article <Cv43MM.5qq@rci.ripco.com> glr@ripco.com (Glen Roberts) writes:
]R Agent (rogue@ccs.neu.edu) wrote:
]: In article <Cv2A94.6G6@rci.ripco.com>, Glen Roberts <glr@ripco.com> wrote:
]: [...]
]: >Actually, I did that. It made a different too. One police officer in
]: >Lindenhurst, Illinois, took to running the license plates of all
]: >vehicles in our drive way (for no legitimate police purpose), and
]: >when I was discussing it with their boss (the village mayor), he asked
]: >how I knew the officer was doing that... when I said I heard it on the
]: >scanner, the Mayor said, "well, that will stop," and it did.
]
]: yes, I bet 'it' stopped. 'It' being using open freqencies to call in
]: the plates of the cars in your driveway. Now he writes them down &
]: brings them into the station.
]
]They don't drive by the house at 2 miles per hour anymore either.

Glad they've stopped. Another approach you could take, BTW,
is to find out the cop's name, and call his *wife* and ask if she
knows why her husband is doing that sort of thing to innocent people
(if he's married). It's a bit hostile, but he's apparently not the
type who feels strongly about personal privacy...
--
Bill Stewart AT&T Global Information Solutions (new name for NCR!)
6870 Koll Center Pkwy, Pleasanton CA 94566 1-510-484-6204 fax-6399
Email: bill.stewart@pleasantonca.ncr.com billstewart@attmail.com
ViaCrypt PGP Key IDs 384/C2AFCD 1024/9D6465

1094. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-26 21:55:56 UTC
From: jtomason@li.net
Message-ID: <33lodc$kts@linet02.li.net>
Source record: 269980

In article <33j38v$uk@giga.bga.com>, ares@bga.com (Steve Gibson) says:

>The main thing I learned from this call is that people who aren't
>involved in an incident, especially one like the above, need to stay away
>from the scene. When officers arrive at a call like that EVERYONE is a
>suspect until proven otherwise.

AMEN. Fire Departments have the same problem. In fact, around here, those
who go rushing to the scene of fires or police calls have a special name: BUFFS.

If you are not involved, dont get that way. Police and Fire Depts. have enough
on their hands with the emergency; crowd control takes those who would be
dealing with the emergency away from that duty to make sure YOU aren't part
of the emergency.

****
* :JOE TOMASONE: (GOD IS REAL; UNLESS DECLARED INTEGER *
* INTERNET: jtomason@li.net AMPR AX.25: N2MUO@N2BQF.#NLI.NY.USA *
****

(Former firefighter, ARES EC, RACES Radio Officer, and current ham and scanner owner..)

1095. Re: Freq for portland oregon

Newsgroup: rec.radio.scanner
Date: 1994-08-26 22:25:22 UTC
From: warren@bluesky.com
Message-ID: <33lq4j$4en@pdx1.world.net>
Source record: 269982
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <benchr.122.003F3F13@teleport.com>
benchr@teleport.com (Ross Bench) writes:

> In article <33j29v$l65@hpcan240.mentorg.com> dclemans@news.wv.mentorg.com (Dave Clemans)
writes:
> >From: dclemans@news.wv.mentorg.com (Dave Clemans)
> >Subject: Re: Freq for portland oregon
> >Date: 25 Aug 1994 21:26:23 GMT
>
> >>
> >>I'm trying to locate the TAC-II frequency that the Portland Oregon police use..
> >>
> >>Any help would be greatly appreciated.
> >>
>
> >Portland is in the process of transitioning to an 800mhz trunked system.
> >Names (like TAC-II) won't refer to a particular frequency. Unless you
> >have a radio that understands the data channel commands from the system
> >controller, all you can do is scan among the assigned 800mhz frequencies.
>
> >dgc
>
> I have scanned the 800 band looking high and low for the TAC II calls and I
> haven't been able to find them..

So we can be a little more clever at this, where are the police
trunking frequencies supposed to be?

1096. Freqs for SF and The Bay

Newsgroup: rec.radio.scanner
Date: 1994-08-26 22:33:55 UTC
From: kford@netcom.com
Message-ID: <kfordCv5yoK.LwE@netcom.com>
Source record: 269993

I wonder if anyone can point me to a good list of frequencies for San Francisco and the bay area in general. I'm going to be visiting for a couple weeks and would like to know what's out there to listen to.

--
Kelly

KFORD@NETCOM.COM

1097. The scoop on GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-26 22:35:21 UTC
From: af546@yfn.ysu.edu
Message-ID: <33lqn9$97g@news.ysu.edu>
Source record: 269983

First off message #11962 is totally wrong (Send Mork back to Ork).
There is NO "test " for a license in GMR. Only a FCC Form 574 as required
in most other radio services (Business, Public Safety, Etc.) AND a FEE
which has just been increased.

Requirements are - One must be 18 years of age or older and a U.S citizen.
Exactly as it was for Class D Citizens Radio (CB).

FCC does not care if you wish to use your GMR for either Business and/or
Personal.
All users must be indivualy licensed except grandfathered business and/or
fleet users from a few years back (and folks there are alot of grandfathered
users out there.)
One can legally use GMR for business use, dispatch on, and use this service
just like business radio (just as long as each user has a FCC call sign
issued to their person. (or have
been grandfathered)

Tony Rossi
T O P Communications
--

1098. Gettin a Scanner Number

Newsgroup: rec.radio.scanner
Date: 1994-08-26 22:43:32 UTC
From: jans0050@maroon.tc.umn.edu
Message-ID: <Cv5zEu.1E3@news.cis.umn.edu>
Source record: 269984

Is there any point for getting a "callsign" from CRB? I know that hams get one because it is thier means for identifaction, and to prove that they can indeed be transmitting in the ham bands. But why scannerists? Do you get anything more then a certificate that says you are XXXX?

Just wondering if it would be worth it for me to order such a thing. I have my Ham call in the mail..but some say more the merrier.

Jerad Hoff

```
+-----------------------------------------------------------------+
|This Email/post refelct the opinions of Jerad Hoff, and John C. |
|Jansen is sitting here wondering why he would let me write such |
|stupid things. You can send him all the flames though... |
+-----------------------------------------------------------------+
```

1099. Cordless Phones Seized by Serb Police

Newsgroup: rec.radio.scanner
Date: 1994-08-26 22:56:00 UTC
From: nigel.allen@canrem.com
Message-ID: <60.7417.5773.0N1AC049@canrem.com>
Source record: 269991

[This deals with monitoring police calls on cordless phones
rather than purpose-built scanners, but I thought it would be
of interest to readers of this newsgroup.]

Note from NDA: Kosova (sometimes written Kosovo) is a part of
Serbia adjacent to Albania and inhabited mostly by ethnic Albanians.
It is governed as an integral part of Serbia, and the police there are
pretty vicious.

The following article was originally posted to soc.culture.yugoslavia
and soc.culture.europe by cla04@cc.keele.ac.uk (A.T. Fear)

>Subject: News from Kosova
>Date: Mon Aug 22 12:11:02 1994

KOSOVA COMMUNICATION
Bulletin of the Ministry of the Information
of the Republic of Kosova
3rd Year; No 184; 22 August 1994

Serb Police in Mass Telephone Seizures

The presence of cordless telephones in numerous private Albanian
homes has been of great concern to Serbian police authorities with the
revelation that in some cases, police wave bands can be overheard.

Consequently Serbian police have embarked upon a mass search of
Albanian homes throughout communes of Kosova in order to seize
telephones which police believe are being used to eavesdrop on police
communication frequencies. In many cases, families found in
possession of such phones have been subjected to physical
maltreatment.

Incidents of this type have been reported in the communes of Decan
and Kamenica with over 54 telephones seized, each seizure
accompanied by maltreatment of Albanian residents.

Albanians affected by this police action have pointed out that they
had purchased the phones legally and with the full knowledge of Serbian
telecommunication authorities and had paid up to 2,500 DM in order to
be connected.

1100. Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-08-26 22:57:33 UTC
From: af546@yfn.ysu.edu
Message-ID: <33ls0t$9m8@news.ysu.edu>
Source record: 269988

Notice folks that rarely is there talk of free emergency use on each
and every activated or unactivated celluar phone in existance.

In cincinnati, a news story was done on celluar use and a fact that anyone
with a celluar phone could use it in an emergency came up.....The reporter
confronted the celluar carrier when he was building his story and the
representative requested that that info be left out!!!!

Wow.....Now one could look at this in two ways......Either celluar system
operators DO NOT WANT THE GENERAL PUBLIC TO KNOW that one can get a cell
phone from a flea market or what/whereever and use it to call 911 when
they need help. ie. put in in their car for safety reasons or security
AND NOT HAVE TO HAVE IT ACTIVATED and to LEGALLY have this service for
FREE.....

OR maybe with the conjunction of 911 centers across the nation, both celluar
operators and 911 centers don't want this info public to try to keep the
number of prank calls and other forms of abuse to a mimimum.

Correct me if I'm wrong but was'nt there a requirement that if a celluar
system was installed, the operator MUST complete ALL 911 calls?

Was'nt this rule issued for a reason?

SO THEREFORE WHY SHOULD THIS INFORMATION BE COVERED UP1111!!!!!

--

1101. Re: Motorola radio software? where?

Newsgroup: rec.radio.scanner
Date: 1994-08-26 22:58:51 UTC
From: bsherman@umbio.med.miami.edu
Message-ID: <33ls3b$4m@miasun.med.miami.edu>
Source record: 269986

ab910@lafn.org (Matthew Davies) writes:
:
: Anybody know where a guy can find the Motherola software to program
: Sabres and Jedi's and such. I've looked, don't think I haven't looked.
: Thank you for your attenton.
: Matthew D.

Motorola will gladly sell the software to anyone that wishes to purchase it. They even provide free updates for the first year or so. They only require that you sign a license agreement, once returned to them they will ship you the software.

1102. Can somone help me out?

Newsgroup: rec.radio.scanner
Date: 1994-08-26 23:38:39 UTC
From: kipt@ripco.com
Message-ID: <Cv61oF.295@rci.ripco.com>
Source record: 269990

Well, I have an extremely difficult problem, I can't find any modifiable PRO-43's in my area. This might be of some trouble, but could someone help me buy one? I will pay full price for the unit and any taxes, and shipping. If you can help me, and I know this is a BIG if, please do. I will send you a check for 400 dollars and only ask that you keep 50 percent of the change for your troubles.
if any of you do have a used pro-43, i will only go up to 300 dollars for the unit. it MUST be modifiable. thanks in advance for any help. i would prefer that the used pro-43 be not modified at all so that i can do it myself. call me a stickler to do it yourself. thanks again.
E-mail me if interested, and remember that i will reimburse you for any troubles. BTW, please include sales receipt when sending the unit to me.

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1103. Memphis Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-08-27 00:53:10 UTC
From: cwatkin873@aol.com
Message-ID: <33m2pm$r36@search01.news.aol.com>
Source record: 269992

I would like to know about any frequencies in Memphis or north Mississippi.

Thanks for your help.

cwatkin873@aol.com

1104. Check out your MT issue!!!

Newsgroup: rec.radio.scanner
Date: 1994-08-27 02:14:26 UTC
From: steven@sgb.oau.org
Message-ID: <gate.RHquRc1w165w@gtm-inc.com>
Source record: 269646

*** NEWSFLASH *** URGENT *** FOR IMMEDIATE RELEASE ***

n reviewing the September issue of Monitoring Tis, on page 97, right center, appears the advertisment:

800 MHZ Coverage!
We have scanners with
800 Mhz coverage!
Models available include:
ICOM R-9000, R7100, R7000, R1,
R100, IC-2SRA; Kenwood RZ-1;
Yupitero MVT-7100, MVT-7000,
MVT-8000; Shinwa SR-001;
Bearcat BC200XLT, BC700A, BC760XLT.

ATLANTIC HAM RADIO LTD. 368 Wilson Ave
(416) 636-3636 Downsview, ON
(416) 631-0747 (fax) Canada M3H 1S9

All US orders shipped UPS AIR.

Also appearing to the left of the advertisment is the text:

NOTE ON ADVERTISEMENT AT RIGHT:

As of 4/26/94 it became unlawful to market cellular-capable receivers in the U.S. Atlantic Ham Radio assures us it will give full refund and hold customers harmless from shipping expenses if a purchased unit is returned to the vendor by U.S. Customs.

Now how is that for an advertisement! That is a guarantee you have NOTHING to lose in getting your cellular capable unit from Atlantic! This should remove any doubt from those poor hopeless dealers who no longer have any cellular restorable scanners in stock (I could name quite a few, but I won't).

DO NOT BUY U.S.!, buy the international model from these fine folks, don't be left out with a censored unit with an 800 mhz band full of holes!

This is just the type of advertisment I know some of you have been waiting for, from the questions I receive in e-mail. It appears in the September issue of MT, page 97... if you still doubt it -- go buy a copy today!

[The above was an unsolicited recommendation and quoted advertisement due to its relevancy of obtaining cellular equipment into the U.S. from foreign places, shall we dare call it "importing"? I am in no way related to the company referenced and receive no form of consideration for these statements.]

Steven
--
Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

Here's a message for our "friends" at:

```
___
THE FFFFFF | | Protect our airwaves,
F |\_/| do NOT buy non-cellular
FFFFFF |:::| capable scanners!
F |:::|
F FEDERAL |:::| BOYCOTT the made for
___ |<#>| ___ U.S. market scanners!
CCCCC /=-=\|:::|/=-=\ __
C |:::||:::||:::|/--\ Buy non-U.S. scanners!
C |:::||:::||:::||::|
C COMMUNICATIONS |:::||:::||:::||::| Remember the TDDRA at
CCCCC |=*=::=*=::=*=::**| election time!
|:::::::::::::::::/
CCCCC |:::::::::::::::::/ IGNORE the law!
C \:::::::::::::::/
C |:::::::::::::/ Cellular Users BEWARE!
C COMMISSION |:::::::::::|
CCCCC I WILL BE LISTENING!!
```

#! rnews

1105. Check out your MT issue!!!

Newsgroup: rec.radio.scanner
Date: 1994-08-27 02:14:26 UTC
From: steven@sgb.oau.org
Message-ID: <Cv68w4.ILB@sgb.oau.org>
Source record: 270006

*** NEWSFLASH *** URGENT *** FOR IMMEDIATE RELEASE ***

In reviewing the September issue of Monitoring Times, on page 97, right center, appears the advertisment:

800 MHZ Coverage!
We have scanners with
800 Mhz coverage!
Models available include:
ICOM R-9000, R7100, R7000, R1,
R100, IC-2SRA; Kenwood RZ-1;
Yupitero MVT-7100, MVT-7000,
MVT-8000; Shinwa SR-001;
Bearcat BC200XLT, BC700A, BC760XLT.

ATLANTIC HAM RADIO LTD. 368 Wilson Ave
(416) 636-3636 Downsview, ON
(416) 631-0747 (fax) Canada M3H 1S9

All US orders shipped UPS AIR.

Also appearing to the left of the advertisment is the text:

NOTE ON ADVERTISEMENT AT RIGHT:

As of 4/26/94 it became unlawful to market cellular-capable receivers in the U.S. Atlantic Ham Radio assures us it will give full refund and hold customers harmless from shipping expenses if a purchased unit is returned to the vendor by U.S. Customs.

Now how is that for an advertisement! That is a guarantee you have NOTHING to lose in getting your cellular capable unit from Atlantic! This should remove any doubt from those poor hopeless dealers who no longer have any cellular restorable scanners in stock (I could name quite a few, but I won't).

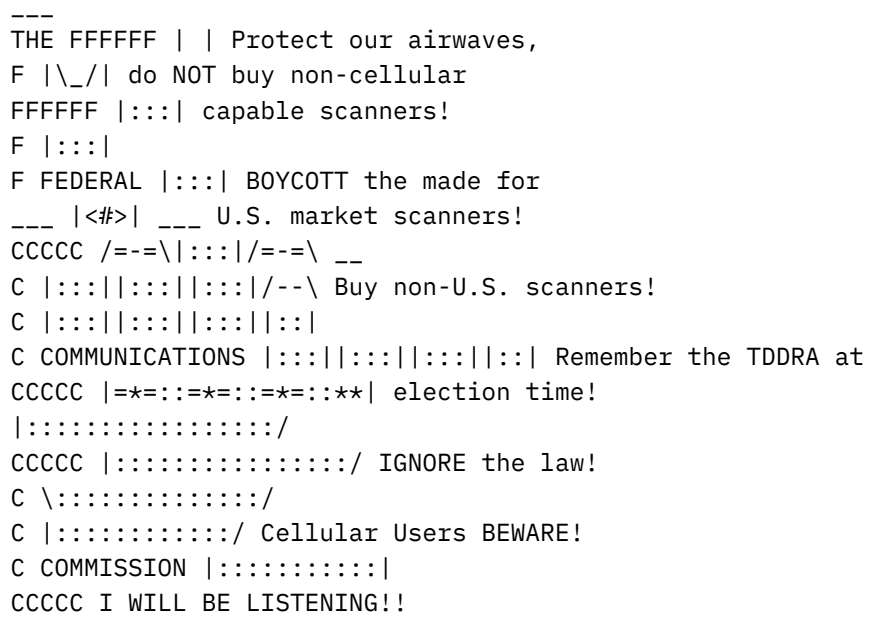
DO NOT BUY U.S.!, buy the international model from these fine folks, don't be left out with a censored unit with an 800 mhz band full of holes!

This is just the type of advertisment I know some of you have been waiting for, from the questions I receive in e-mail. It appears in the September issue of MT, page 97... if you still doubt it -- go buy a copy today!

[The above was an unsolicited recommendation and quoted advertisement due to its relevancy of obtaining cellular equipment into the U.S. from foreign places, shall we dare call it "importing"? I am in no way related to the company referenced and receive no form of consideration for these statements.]

Steven
--
Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

Here's a message for our "friends" at:


___
THE FFFFFF | | Protect our airwaves,
F |_/| do NOT buy non-cellular
FFFFFF |:::| capable scanners!
F |:::|
F FEDERAL |:::| BOYCOTT the made for
___ |<#>| ___ U.S. market scanners!
CCCCC /=-=\|:::|/=-=\ __
C |:::||:::||:::|/--\ Buy non-U.S. scanners!
C |:::||:::||:::||::|
C COMMUNICATIONS |:::||:::||:::||::| Remember the TDDRA at
CCCCC |=*=::=*=::=*=::**| election time!
|:::::::::::::::::/
CCCCC |:::::::::::::::::/ IGNORE the law!
C \::::::::::::::/
C |::::::::::::/ Cellular Users BEWARE!
C COMMISSION |::::::::::::|
CCCCC I WILL BE LISTENING!!

1106. Re: Frequency Guides

Newsgroup: rec.radio.scanner
Date: 1994-08-27 02:16:00 UTC
From: Brian.Flues@f239.n109.z1.fidonet.org
Message-ID: <f2c_9408270004@blkcat.fidonet.org>
Source record: 270005

PL>From: plaws@comp..uark.edu (Peter Laws)
PL>Newsgroups: rec.radio.scanner
PL>Organization: University of Arkansas

PL>What frequency guide to use sort of depends on where you live and whether
PL>or not you have a computer.

PL>If you live in the northeast, Scanner Master wins, hands down. As another
PL>poster said, there may be a freq or two missing, but that's more than made
PL>up for by the codes, maps, station locations, alarm assignments, system
PL>notes, etc., etc.

PL>I've never seen a Scanner Master other than the NYC/Metro, Mass and NE
PL>versions so I won't pretend to know what they're like (but I bet they're
PL>as good :).

I have and use the DC version daily it is the best publication around
surpasses everything elde out there!!!

***
* SLMR 2.1a * S ucidal Dyslexic jumps behind train!! Film at eleven!!

Fidonet: Brian Flues 1:109/239
Internet: Brian.Flues@f239.n109.z1.fidonet.org

1107. MT -- IT GETS WORSE!

Newsgroup: rec.radio.scanner
Date: 1994-08-27 02:29:23 UTC
From: steven@sgb.oau.org
Message-ID: <Cv69L1.ln4@sgb.oau.org>
Source record: 270007

If you want to read some real funny humour, turn to page 120, the Grove Closing Comments. It seems that Grove is out of cellular restorable scanners like most other places in the U.S. are -- and are crying out for enforcement action on overseas dealers because of their lost sales!

Booo hooo! Here BOB GROVE, HERE'S MY HANKY, CRY ON IT! You could open an office in Canada, ya know!

It was aptly named the Closing Comments, as it might be the Closing of Grove in the future -- since his comments only get worse. This man has gone beyond unreasonable in his attempts to sell you scanners under the guise "when they are gone their will be no more!" Look at the CommTel units in the UK and then say that MR GROVE! One dealer even guarantees delivery or no charge!

GROVE... with your latest B*LLSH*T, I think I can tell you where you can go! Please take the express there, it will be faster -- and the faster the better!

I'm starting to wonder if I made a mistake in extending the subscription last year to 1996, you may not make it that far.

Comments anyone? Read the article, its a riot! Second to last page, September MT!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
| Modem: 407/862-8088

1108. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-27 02:34:01 UTC
From: steven@sgb.oau.org
Message-ID: <Cv69sr.loy@sgb.oau.org>
Source record: 270008

SCAN911 (scan911@aol.com) wrote:
: Well, here's the bummer in buying the RS catalog....They add sales tax on
: top of the purchase! Pay $2.10 and get a $2 coupon. Sounds like I am
: owed a dime??? Well, only joshing. But you get my drift.

Not entirely true -- when you use the coupon, they reduce the item
by $2, thereby returning the tax paid -- since the item is then
valued at $2 less, which means the end result is the same.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
| Modem: 407/862-8088

1109. Re: 2006 Original Equip Antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-27 02:51:50 UTC
From: hwang@netcom.com
Message-ID: <hwangCv6AME.LtE@netcom.com>
Source record: 269996

In article <VWANkiubGIqS066yn@access.digex.net>,
Andy Domonkos <domonkos@access.digex.net> wrote:

>Some handheld will outperform base units on sensitivity w/stock antennas.
>The base units are optimized for use w/external multiband antennas, hand
>helds are not. I just pick up the 2006 yesterday and I'll check it against
>my handheld. It is possible the 2006 may lack sensitivity on some bands
>w/respect to others. Don't return it yet...
>
>Andy

I'm interested in your findings. In the meanwhile, I've gather
everything to put up an external antenna, all I need now is the actual
antenna! I've ordered the Diamond D130J and it should be here early next
week.

BTW - I went to Ham Radio Outlet and saw that they had the D130J
antenna. The salesperson said that they also had an Icom antenna which
is identical to the Diamond (same manufacturer), but a better deal
because it came with 50 meters of feed line for $10 dollars more! I also
asked how much the Belden 9913 cable was, 69 cents per foot and they do
not build cables (i.e., no soldering).
--

Ed Hwang hwang@netcom.com
San Jose, California

1110. rs pro2006 - tucson perspective

Newsgroup: rec.radio.scanner
Date: 1994-08-27 02:53:54 UTC
From: hemmings@Violet.CCIT.Arizona.EDU
Message-ID: <009838A4.AA837212@Violet.CCIT.Arizona.EDU>
Source record: 269995

In the Tucson area there are still some left - most at the Fort Worth approved price of $359. Sales tax runs 7% in most of the stores, but at least one, with a 5% sales tax, picked up a 2006 for me from another store, and in addition sold it for $349. At present sales rates, though, they will probably be off the shelves within another week. I ordered the $7.95 manual, as I intend to 'void my warranty' Real Soon Now.

I then called Optoelectronics. They suggested Grove has a large inventory, and if they've raised the price to make a better profit, so what? I was also told Opto will probably raise THEIR price, too, for the 456 computer interface. If they do, maybe they'd be worth copying, instead of buying.

They are 'evaluating' other receivers for 'mod' potential.

Along that line, it may be worth noting that the RS store mgr said earlier in the week he received a call to remove a couple of the newer models from the shelves - they were 'easily modified', and RS is NOT going to take a chance on violating the law regarding the requirement that they be non-modifiable.

I would not assume the "new 1000 channel" will be easily made to cover the cellular frequencies. RS will be violating the letter of the law if they are, and it could cost them a bundle.

Since a computer is needed to operate the Opto interface, I thought I'd pass along the fact that TreDex (Comp Shopper Advertiser) has (had?) some 486DLC25 IBM notebooks, w/ 4meg RAM, 40meg hard drive, 6" LCD VGA mono screen; runs on hydride battery, comes with optional external 3 1/2" drive and an extra battery. Measures only 9" x 5.5" x 1.25". Wireless pen, too! The price - $565. The FAX said it all - "they won't last long"!

1111. Re: Radio Shack - New Ca

Newsgroup: rec.radio.scanner
Date: 1994-08-27 03:02:22 UTC
From: Reuben M <magicmagic@delphi.com>
Message-ID: <JYzydX+.magicmagic@delphi.com>
Source record: 269994

Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:

>Makes you wonder how RS makes _any_ money.
>
>Question...Why don't you have change for a $20 bill?
>
>Answer...It's too early.
>
> Wow...fits their new motto to a tee!! <g>

Their motto is a joke. 99.8% of their workers are totally without
a clue about any of their products. Whoever thought that motto up must of
been on drugs.. If this topic was discussed already sorry..

1112. Re: Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-08-27 03:46:33 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.74.0015C740@chevron.com>
Source record: 270014

In article <33ls0t$9m8@news.ysu.edu> af546@yfn.ysu.edu (Tony Rossi) writes:
[edited]
>In
cincinnati, a news story was done on celluar use and a fact that anyone> with
a celluar phone could use it in an emergency came up.....The reporter>
confronted the celluar carrier when he was building his story and the>
representative requested that that info be left out!!!!>Wow.....Now one could
look at this in two ways......Either celluar system> operators DO NOT WANT THE
GENERAL PUBLIC TO KNOW that one can get a cell> phone from a flea market or
what/whereever and use it to call 911 when> they need help. ie. put in in
their car for safety reasons or security> AND NOT HAVE TO HAVE IT ACTIVATED
and to LEGALLY have this service for> FREE.....
>OR maybe with the conjunction of 911 centers across the nation, both celluar
> operators and 911 centers don't want this info public to try to keep the
> number of prank calls and other forms of abuse to a mimimum.
>Correct me if I'm wrong but was'nt there a requirement that if a celluar
> system was installed, the operator MUST complete ALL 911 calls?

I am sure that limiting abuse is the reason. Unlike the enhanced 911 service
you likely (but not everywhere) get on your land line, mobile 911 calls give
no indication to the operator of who is calling or where they are.

FYI - all cellular 911 calls in California are answered by the California
Highway Patrol. They answer "Mobile 911" because they are prohibited by law
to indentify themselves as CHP when they answer. They have to transfer you to
city police/fire or county sheriff/fire if you are reporting a problem out
thier "jursidiction". (just gee wiz info for those in CA).

And yes - in most cases, all telephone service providors are prohibited from
blocking 911 calls. We are not permitted to block 911 calls from extentions
on our PBXs - our larger complexes have emergency service numbers for
security, fire and medical but we cannot intercept a 911 call. We have
special call detail recorder (CDR) printers that just look for 911 calls in
case of a "caller that hangs up". This usually happens when someone fat
fingers a long distance call like 9+1+another 1 by mistake and then hangs up.

The only thing a inactive cell phone has is an ESN. You can't identify a
subscriber with just that and you can't tell exactly where they are. Although
if you stay on line long enough that can get a rough idea.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

1113. Re: Gettin a Scanner Number

Newsgroup: rec.radio.scanner
Date: 1994-08-27 03:51:42 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cv6DE7.MsD@freenet.carleton.ca>
Source record: 269999

In a previous article, jans0050@maroon.tc.umn.edu (John C Jansen) says:

>Is there any point for getting a "callsign" from CRB? I know that hams get
>one because it is thier means for identifaction, and to prove that they
>can indeed be transmitting in the ham bands. But why scannerists? Do you
>get anything more then a certificate that says you are XXXX?
>
>Just wondering if it would be worth it for me to order such a thing. I
>have my Ham call in the mail..but some say more the merrier.
>
They come in handy if you have a crack on your wall that you want to
cover up. If you have a laser printer you could just make one up!!!
Otherwise they don't seem to be of much use. The Ham ticket does
have a use in scanning, some areas were scanners are banned by local
regulations seems to exempt licenced hams, keep that in mind

73's

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

1114. Thunderbird freqs?

Newsgroup: rec.radio.scanner
Date: 1994-08-27 04:37:20 UTC
From: ealbert@uhunix3.uhcc.Hawaii.Edu
Message-ID: <Cv6FI9.8o5@news.Hawaii.Edu>
Source record: 270000
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Anyone have in their listings the frequencies used by the Thunderbirds?

Please respond soon since the show starts 1:45pm HST Saturday.

Thanks in advance for the info! *getting sunscreen* ;)

1115. Re: BC220XLT birdies ?

Newsgroup: rec.radio.scanner
Date: 1994-08-27 05:30:19 UTC
From: jyuen@netcom.com
Message-ID: <jyuenCv6HyJ.r1@netcom.com>
Source record: 270002

John Potts (jpotts@sad.hp.com) wrote:
: I just purchased a BC220XLT scanner. It appears to have a birdie right
: next to the local police frequency I listen to on a very regular basis.
: The frequency of the birdie is 154.105 MHz. The frequency I am
: interested in listening to is 154.100MHz. I know that I can tune to
: 153.995MHz to listen to the police but that is not what I want. Does
: anybody know if all of the BC220's have this same birdie.

I checked my BC220 to see if I detected a birdie at 154.105Mhz, and I
didn't hear anything other than white noise. That is, I don't seem to
get a birdie there.
--
II /==\ \\// Joseph S. Yuen | jyuen@netcom.com
II \\ II New York, New York, USA | 73352,202@compuserve.com
LLII \==/ II <Je m'en fous de ce que tu en penses!>

1116. Re: Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-08-27 05:34:33 UTC
From: davidm@iglou.com
Message-ID: <f1jNkK7gXvXQ070yn@iglou.com>
Source record: 270003

In article <33ls0t$9m8@news.ysu.edu>, af546@yfn.ysu.edu (Tony Rossi) wrote:

> Wow.....Now one could look at this in two ways......Either celluar system
> operators DO NOT WANT THE GENERAL PUBLIC TO KNOW that one can get a cell
> phone from a flea market or what/whereever and use it to call 911 when
> they need help. ie. put in in their car for safety reasons or security
> AND NOT HAVE TO HAVE IT ACTIVATED and to LEGALLY have this service for
> FREE.....
>
> OR maybe with the conjunction of 911 centers across the nation, both celluar
> operators and 911 centers don't want this info public to try to keep the
> number of prank calls and other forms of abuse to a mimimum.
>
> Correct me if I'm wrong but was'nt there a requirement that if a celluar
> system was installed, the operator MUST complete ALL 911 calls?
>
> Was'nt this rule issued for a reason?
>
> SO THEREFORE WHY SHOULD THIS INFORMATION BE COVERED UP1111!!!!!

A lot of the reason it is not more widely publicised is because the average John Q. Citizen does not understand what 911 is actually for. I do some computer work here (Louisville, Jefferson County, Kentucky) for the government offices that over-see 911, so I see a lot of their figures on calls taken and such. The number of people who use 911 to report a dead animal on the side of the road is mind boggling. Then there are calls that are atleast a little bit understandable (but not totally) like a highway light or a stop light out...yes, its a bad situtation, depending on its location, but under **VERY** few circumstances does it actually necessitate the use of 911. Also, a flat tire is not a 911 call, its a AAA call (or what ever flavor of auto club you prefer). This past winter, Louisville was socked in with a heavy snow...a large number of people used 911 to report that their streets had not been plowed yet.

I can't remember exactly how many 911 lines Jefferson County has, but its on the order of 18 or so. On a bad night, they fill up quick. They don't need to have to handle road kill and light out calls. If it is going to be widely publicised that 911 calls on cellular phone are free, then it needs to be equally well publicised what 911 is supposed to be used for.

Also, if you think that all those 911 calls on a cellular phone are truely "free" and the cost is not passed on to the service customers hidden away in miscellanous fees, then you are definately out of touch with how big business works. I don't mind paying a slightly higher bill to cover 911 calls that are truely deserving of emergency status, but I don't feel like I should have to

pay for John Q Cellular-owner to report that there is a Pepsi can laying in the middle of I-264.

'nuff said...

David
davidm@iglou.com

1117. need NOAA/weather freqs for northwest

Newsgroup: rec.radio.scanner
Date: 1994-08-27 06:24:25 UTC
From: price@jove.acs.unt.edu
Message-ID: <33mm6p$rk2@hermes.unt.edu>
Source record: 270004

Subject: need NOAA/weather freqs for northwest
Newsgroups: rec.radio.shortwave
Organization: University of North Texas
Summary:
Keywords:

My mother will be taking a 4 week camping trip throughout the northwest
United States and Canada. Because of past experience with storms, and
the current fires, I am giving her my shortwave reciever to take with her.

I would like to get a hold of the NOAA weather freqs of different areas
on the northeast, mainly Washington and Oregon, or other frequencies that
may be of use.

Is there an FTP site or WWW page I can access for them? If not, does
anyone in this group have any they can post or email me?

Any help would be greately appreciated!

==
Aaron Price | University of North Texas
price@jove.acs.unt.edu | "I hear Interzone is a nice
| place this time of year."
==

1118. Re: Radio Shack - New Cat

Newsgroup: rec.radio.scanner
Date: 1994-08-27 07:24:00 UTC
From: Louis.Gantz@f239.n109.z1.fidonet.org
Message-ID: <ad5_9408272025@blkcat.fidonet.org>
Source record: 269894

TO: scan911@aol.com

* Quoting Scan911@aol.com to All * msg date 08-26-94 01:23 *

S>
S>Well, here's the bummer in buying the RS catalog....They add sales tax
S>on top of the purchase! Pay $2.10 and get a $2 coupon. Sounds like I
S>am owed a dime??? Well, only joshing. But you get my drift.
S>

I think I got lucky! The local RS I go to only charged me .01 for the
catalog on top of my other purchase! I didn't even have to say anything
nor did I expect that to happen.

Louis |INTERNET: bbsmeister@aol.com * VYUC18A@prodigy.com
Bowie, Md. USA |louis.gantz@f239.n109.z1.fidonet.org| RIME ->2
***
* CMPQwk 1.4 #9059 * I used up all my sick days, so I'm calling in dead.

Fidonet: Louis Gantz 1:109/239
Internet: Louis.Gantz@f239.n109.z1.fidonet.org

1119. Mobile scanners ban: What states?

Newsgroup: rec.radio.scanner
Date: 1994-08-27 08:21:46 UTC
From: jeang@freenet.vancouver.bc.ca
Message-ID: <33mt2q$raf@freenet.vancouver.bc.ca>
Source record: 270011

Could anyone provide a list of the states where having a scanner in a car
is illegal? I heard about NY, any others?

1120. scanner frequency guide on CDROM?

Newsgroup: rec.radio.scanner
Date: 1994-08-27 08:24:25 UTC
From: jeang@freenet.vancouver.bc.ca
Message-ID: <33mt7p$raf@freenet.vancouver.bc.ca>
Source record: 270012

Could anyone suggest a scanner frequency guide on CD Rom? Or is it so little information that it can be found on BBSes or floppies?

1121. Re: PRO-51 secrets help

Newsgroup: rec.radio.scanner
Date: 1994-08-27 08:31:47 UTC
From: jeang@freenet.vancouver.bc.ca
Message-ID: <33mtlj$raf@freenet.vancouver.bc.ca>
Source record: 270013

Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) wrote:

: ** Note...Perfoming these steps may access portions of the 800 Mhz band
: that is against federal United States law to monitor.

OK, now that we know how to enable the gaps in the 800 Mhz band, how do we disable them? Might come in handy if some authority representative wants to have a look at my toy... If not, what is the key combination to clear all memories? (I just bought a demo '51...)

Anything else on the pro-51 would be greatly appreciated!

1122. Re: Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-27 10:22:09 UTC
From: nbschee@mailserv.nbnet.nb.ca
Message-ID: <nbschee.104.000A5EDB@mailserv.nbnet.nb.ca>
Source record: 270018

In article <ZaxRlzg.scheisse@delphi.com> scheisse@delphi.com writes:

>You can tell people how to build nukes, but building nukes for people is a
>nono...

Really, alot of people are in jail for just passing the 'how to' info, about many things, to others. Don't be so naive. What seems logical is not always what written in the law.

From: nbschee@mailserv.nbnet.nb.ca
Saint John, NB, Canada

"He will wipe away all the tears from their eyes"

- Revelation 21:4

1123. radio in asia(Hong Kong)?

Newsgroup: rec.radio.scanner
Date: 1994-08-27 10:31:20 UTC
From: ez005752@dale.ucdavis.edu
Message-ID: <Cv6vw9.2H2@ucdavis.edu>
Source record: 270015

I don't know much about radio scanner. But is it possible to
catch radio wave from asia(hong kong/china/japan)?
Or do I need a dish?
Please help me thru email
Thank you
Chris

1124. Re: MT Atlana 94

Newsgroup: rec.radio.scanner
Date: 1994-08-27 13:03:54 UTC
From: scott@redstorm.nawc-ad-indy.navy.mil
Message-ID: <199408271303.IAA13276@news.cs.utexas.edu>
Source record: 270017

Yes, I'm actually going to get to go to the MT convention. It'll be my first time at the convention. The convention happens to fall on the weekend of my anniversary, so it was a good excuse to get out of town with the wife and leave the kids home with grandma for the weekend.

Does anyone know if there's lots of equipment (i.e. books, software, computer-scanner interfaces, etc.) being sold at the convention? I'm busting my butt working overtime so I can bring loads of money to blow on scanner stuff.

| Scott Richardson |
| scott@redstorm.nawc-ad-indy.navy.mil |
| 72237.2420@compuserve.com |

1125. NE / Omaha / Bellvue Freq

Newsgroup: rec.radio.scanner
Date: 1994-08-27 14:01:18 UTC
From: Craig.Harrison@commctr.com
Message-ID: <5ca_9408271602@commctr.com>
Source record: 269883

Am planning a trip from Colo Spgs, CO to Omaha/Bellvue, NE in late Sept or early Oct. Does anyone have police/medical/emergency frequencies from here to there that they would like to share? Mostly interested in NE State Patrol and then maybe police/medical in Bellvue.

Any other frequencies that you find interesting from here to there would also be appreciated.

I have most of the ones for Offutt/SAC from Mike Dillon/John Johnson, any ones not listed would be helpful.

Also, what is scanner laws in NE, especially in cars? Do they confiscate what they find?

Thank you in advance !!!!

... I know a good tagline when I steal one.
--
|Fidonet: Craig Harrison 1:128/168
|Internet: Craig.Harrison@commctr.com

1126. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-27 14:18:16 UTC
From: crisp@netcom.com
Message-ID: <crispCv76EH.5q7@netcom.com>
Source record: 270019

In article <33j38v$uk@giga.bga.com> ares@bga.com (Steve Gibson) writes:
>Richard Crisp (crisp@netcom.com) wrote:
>
>: Just remember that no one is forcing anyone to be a cop. You know the
>: hazards, you know the working conditions, it is your choice. Do not
>: expect any compassion or sympathy from me. If you chose to be a
>: mercenary and wind up being executed (like Daniel Gearhart was in Angola
>: in 1976), it is not like you did not understand the risks. Cops are a
>: macho sort by nature, just like soldiers. They get excited by tension
>: pressure and violence. They are attracted to the job. So don't whine
>: about the risks etc. It is your choice.
>
>You are right Richard, it is our choice. I get up out of bed everyday
>and go to work because I want to do so, not because someone is forcing me
>to. Just the same as no one is forcing you to do whatever it is you do
>for a living. However, the argument and attempt to make the job less
>hazardous is valid. If it is possible to make my job safer, I will do

Please explain to me how scanners make your job more dangerous.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1127. Thunderbird freqs?

Newsgroup: rec.radio.scanner
Date: 1994-08-27 14:32:58 UTC
From: Rickey.Stein@illusion.metronj.org
Message-ID: <20c_9408280401@nisc.fidonet.org>
Source record: 269916

This may be too late for you but you might want to try the following
reported frequencies:
.....
THUNDERBIRDS U.S. Air Force
66.900 Ground Support NBFM
118.100 REPORTED OPERATIONS
118.200 REPORTED OPERATIONS
120.450 reported ops
123.400 air show common
123.450 AIR TO AIR CHIT CHAT
134.100 REPORTED OPERATIONS
138.875 REPORTED OPERATIONS
140.000 REPORTED OPERATIONS
140.400 AIR TO AIR TACTICAL & GROUND CHIT CHAT CHANNEL
141.300 REPORTED OPERATIONS
141.850 VICTOR 1 PRIMARY [air to air]
143.850 VICTOR 2 SECONDARY
148.175 other fq reported
148.550 REPORTED OPERATIONS
148.550 Ground Support NBFM
235.250 THUNDERBIRD CONTROL [Team Leader]
236.550 SOLOS 5 & 6 AIR TO AIR
236.600 air to air
241.400 Solo 5-6
250.850 REPORTED LEADER CUES [Team Leader]
273.500 REPORTED F2 /Solo 5-6
283.500 REPORTED F3 Solo 5-6
294.700 REPORTED OPERATIONS [air to air]
295.700 REPORTED F1
319.700 reported operations
322.300 REPORTED F4 [air to air]
322.600 REPORTED F5 [air to air]
322.950 ANSWERS TO 235.250 / SOLOS 5 & 6 AIR TO AIR
382.900 REPORTED F6 [air to air tactical]
383.900 Air to Air [UHF]
392.900 reported operations
394.000 REPORTED F7 [air to air tactical]
413.025 Ground Support NBFM [Channel 2]
413.100 Ground Support NBFM [Channel 1]
.....
good luck!

Rickey Stein
RCMA International Editor

1128. Re: Pro-43 Question

Newsgroup: rec.radio.scanner
Date: 1994-08-27 16:09:53 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug27.110953.2825@hnrc.tufts.edu>
Source record: 270020

In article <33llt4$mbj@panix.com>, ericl@panix.com (Eric Lim) writes:
> I've found a Radio Shack which has a
> Pro-43 w/ a manufacturing date of 4A3.
>
> Is this unit modifiable?
>

My 4A3 unit has been modified.
4A3 would put its serial number in the 50ks. Units up to the low 70ks
have been reported modified.

1129. PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-27 16:10:36 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug27.111036.2827@hnrc.tufts.edu>
Source record: 270021

Let's settle the PRO-43 question once and for all. The old, modifiable units had the model number 20-300 and the FCC ID AA020-300.

(1) There have been reports that the unmodifiable units have different model numbers and/or FCC IDs. Would someone with a new unit *in hand* settle this?

If the part number and ID did not change . . .

Serial numbers

(2a) What is the greatest serial number that *has* been modified?

(2b) What is the *smallest* serial number that *could not* be modified?

Date of Manufacture

(3a) What is the latest date of manufacture that *has* been modified?

(3b) What is the earliest date that *could not* be modified?

Obviously, only an insider can answer 2x and 3x definitively, but as a group we ought to do a good job of bracketing the answers.

1130. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-27 16:15:19 UTC
From: grady@netcom.com
Message-ID: <gradyCv7BtJ.BB1@netcom.com>
Source record: 270022

Wwhitby (wwhitby@aol.com) wrote:
: As far as secured communications go, my local PD has started using SSB CB
: radios. They will say over VHF, "Go to your sideband radio" and use that
: for "private" communciations.

: BTW, I am waiting for a scanning HF receiver that will let me discover the
: freq they are using and listen in.

You mean like my trusty Icom 735 rig that can scan 100khz to 30 Mhz (and also
can be modified to xmit on any of these frequencies)?

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

1131. Re: For cops who dont like scanners:READ!]

Newsgroup: rec.radio.scanner
Date: 1994-08-27 16:56:07 UTC
From: wwhitby@aol.com
Message-ID: <33nr77$alc@search01.news.aol.com>
Source record: 270023

In article <1994Aug26.113255.8532@vax1.mankato.msus.edu>,
dj1@vax1.mankato.msus.edu (SEAN R. STEPANEK) writes:

>we activated EVERY fire, police,
>and EMT pager in the city... said there was a hugh accident at the fair
grounds
>and drove every emergency vehicle out there. Made for a neat parade with
cars
>intermixed with the fire trucks. When everybody got into the fair
grounds, we
>shut the gate, and the only way to get out was to get a ticket for
interfering
>with emergency vehicles. It worked quite nicely. People still have
their
>scanners, they still listen, AND THEY STILL HELP, but they know that on
>scene,

Did the news reporters get tickets as well? My sister is a mass comm major about to graduate and they were told one of the most important tools for a reporter is a scanner.

I have driven to wrecks, arrests, etc., before (I live in a small town with not a lot to do). We stayed on the PUBLIC streets and drove by or watched from PUBLIC parking lots. When the life flight helicopter would make an emergency pickup, we would go to the shopping center and watch. Of course we stayed with the other cars and didn't interfere. I see nothing wrong with watching, as long as you drive by and don't interfere with what the police/fire man is doing. As scanner listeners, we need to use common sense, i.e. stay away from drug busts and fellony stops - the cop doesn't need any thing more to worry about.

I have several friends who are in law enforcement and have a great deal of respect for them. If a cop doesn't want you to watch what is happening, what is he afraid you will see?

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

1132. Re: Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-08-27 17:36:19 UTC
From: rout0003@maroon.tc.umn.edu
Message-ID: <rout0003.778008979@maroon>
Source record: 270024

In <33ls0t$9m8@news.ysu.edu> af546@yfn.ysu.edu (Tony Rossi) writes:

>Notice folks that rarely is there talk of free emergency use on each
> and every activated or unactivated celluar phone in existance.

>In cincinnati, a news story was done on celluar use and a fact that anyone
> with a celluar phone could use it in an emergency came up.....The reporter
> confronted the celluar carrier when he was building his story and the
> representative requested that that info be left out!!!!

Actually, I read a post in alt.2600 that said they were handing out FREE cell-phones somewhere in NY. These phones were only capable of dialing 911 and were being handed out at some park by the mayor and police chief as a promotion to lower crime in the area. Sounds like a good deal to me! Give me a free cell-phone and I would be happy to keep it in the car to call 911 if I saw an accident/crime/whatever.

-Andy R.

1133. Re: For cops who dont like scanners:READ!]

Newsgroup: rec.radio.scanner
Date: 1994-08-27 17:41:53 UTC
From: <>
Message-ID: <33ntt1$db7@wizard.uark.edu>
Source record: 269875

dj1@vax1.mankato.msus.edu (SEAN R. STEPANEK) writes:

<...>

>prohibiting scanners in a mobile enviroment. (I detest these laws!!) So, our
>department came up with the next best thing... we activated EVERY fire, police,
>and EMT pager in the city... said there was a hugh accident at the fair grounds
>and drove every emergency vehicle out there. Made for a neat parade with cars
>intermixed with the fire trucks. When everybody got into the fair grounds, we
>shut the gate, and the only way to get out was to get a ticket for interfering

<...>

What a *great* idea! Punish the tiny minority who are a problem with out
infringing on the rights of the law-abiding majority! Bravo!

I like this idea. I only hope that I have the experience (12 years+ of
static in my ears) to detect an event like this.

Closed the gate behind them? HAR HAR HAR! :-) :-)

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

1134. Phila Fire Films

Newsgroup: rec.radio.scanner
Date: 1994-08-27 17:48:00 UTC
From: dave.milsted@compudata.com
Message-ID: <12a.4718.757@compudata.com>
Source record: 269885

Does anyone know what happened to Phila Fire Films Group? They used to be on 462.000, but for the last month there has been no sign of them on this freq. Did they move to another freq or go out of business?

____
Dave |
<####---X

InterNet: dave.milsted@compudata.com

• RM 1.3 01622 • Save Laboratory Animals. Use Lawyers instead.

1135. Re: Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-08-27 18:04:23 UTC
From: g9153402@huey.csun.edu
Message-ID: <33nv77$eud@nic-nac.CSU.net>
Source record: 269876

David Michael Moore (davidm@iglou.com) wrote:
> Also, a flat tire is not a 911 call, its a AAA call (or what ever flavor of
> auto club you prefer). This past winter, Louisville was socked in with a
> heavy snow...a large number of people used 911 to report that their streets
> had not been plowed yet.

But, alas, if you use a freeway callbox, or call the CHP through 911, in
California if you say your car has broken down, and then you say you're
an Auto Club member, they will automatically forward your call to the
AAA from the CHP operator, so you can talk to them...
So the CHP = AAA over here.

1136. ftp site for scanner mods?

Newsgroup: rec.radio.scanner
Date: 1994-08-27 18:41:50 UTC
From: wohlt@seas.upenn.edu
Message-ID: <33o1de$488@netnews.upenn.edu>
Source record: 269877

I keep hearing mention of an ftp site for scanner modifications.
Where is the site?

Thanks!

August R. Wohlt
wohlt@eniac.seas.upenn.edu

1137. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-27 19:21:03 UTC
From: scan911@aol.com
Message-ID: <33o3mv$cnp@search01.news.aol.com>
Source record: 269878

In article <Cv69sr.Ioy@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley)
writes:

> Not entirely true -- when you use the coupon, they reduce the item
> by $2, thereby returning the tax paid -- since the item is then
> valued at $2 less, which means the end result is the same.

>Steven

Not entirely true, either.....Some states actually require the buyer to
pay the sales tax on the full amount, and then have the coupons reduce the
price paid. Not too many stores are swift to it, but it is on the books
in many states!

Chuck

1138. Re: MT Atlana 94

Newsgroup: rec.radio.scanner
Date: 1994-08-27 19:24:01 UTC
From: scan911@aol.com
Message-ID: <33o3sh$cp6@search01.news.aol.com>
Source record: 269879

In article <199408271303.IAA13276@news.cs.utexas.edu>,
scott@redstorm.nawc-ad-indy.navy.mil writes:

>Yes, I'm actually going to get to go to the MT convention. It'll be my
first
>time at the convention. The convention happens to fall on the weekend of
my
>anniversary, so it was a good excuse to get out of town with the wife and
>leave the kids home with grandma for the weekend.

>Does anyone know if there's lots of equipment (i.e. books, software,
>computer-scanner interfaces, etc.) being sold at the convention? I'm
>busting my butt working overtime so I can bring loads of money to blow
>on scanner stuff.

A wife who will go to a radio geek confab ... on her ANNIVERSARY???
Where'd ya find this woman? Are there more available????? (Ooops, sorry,
honey, you weren't supposed to be reading this newsgroup!!!)

Chuck

1139. *** T R I G G E R F I S

Newsgroup: rec.radio.scanner
Date: 1994-08-27 20:03:00 UTC
From: GLR@RIPCO.COM
Message-ID: <93.724.7592.0NFB2F77@RIPCO.COM>
Source record: 269574

Message-ID: <Cv7MDB.E3A@rci.ripco.com>
Newsgroup: alt.2600,rec.radio.scanner,alt.privacy,chi.media,alt.radio.scanner
comp.org.eff.talk,dc.media
Organization: RCI, Chicago, IL

P A I D A D V E R T I S E M E N T*1

You Can Invade Privacy!

It is quick and easy with our Illegal Wiretapping equipment!

Our Triggerfish product is especially helpful in those illegal wiretapping cases. Your risk of getting caught is virtually zero.

The law*2 says we can't advertise wiretapping equipment. We don't care. We know how to make money*3 and that's what counts.

Are you a law enforcement agency that can't get wiretapping authorizations, a private detective, corporate security officer, or individual that wants to know what people are saying on their cellular phones? Then, Triggerfish is for you.

Remember, we at Harris Corporation have tossed the wiretapping law in the trash along with the First Amendment. This advertisement for the Triggerfish wiretapping unit is illegal as well as our sale of the device to you. But what counts is money. Think of all the great applications!

Think about all the people that believe their cell phone calls are private:

* Listen to the ignorant criminals that still use cellular phones for their illegal activities.

* Steal corporate secrets from your competition.

* Spy on the plans of political activists and politicians. Ripe for blackmail material too.

* Get off listening to those who use cellular phones for `phone sex'.

* Hear religious leaders yucking up their molestation of children.

* Penetrate undercover police officers & law enforcement agencies making their secret plans.

Remember, it is illegal for you to use a Harris Corporation Triggerfish, but don't worry -- you won't get caught. IT WIRETAPS CELLULAR PHONES WITHOUT WIRES... it simply sucks the voice and other information out of the ether.

Just punch in your victims cellular phone number and you have instant access to their phone calls for all your malicious, perverted, greedy, and other selfish interests.

The law doesn't matter when we can make money. Buy your Triggerfish now -- so you can start invading someone's privacy today. It's a crime, but it's worth it. We make the money, you get to peek inside the private lives of others.

Harris Corporation technology gives you power over the law and the lives of the victims you can penetrate so easily. Not only can the Triggerfish be fun, but profitable too.

Harris Corporation, P.O. Box 91000, Melbourne, FL 32902

*1 Remitted directly to the Devil!

*2 18 USC 2500 et. seq.

*3 Our gross revenues in 1991 exceeded $3 billion dollars and we're on the Fortune 200 list.

FUN -- ILLEGAL -- PROFITABLE

WHAT MORE COULD YOU WANT?

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Reprinted from Full Disclosure No. 28

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Glen L. Roberts, Editor, Full Disclosure Magazine
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email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
No record. No Trace calling: 1-900-STOPPER (786-7737). $1.95/min
---

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

1140. *** T R I G G E R F I S H ***

Newsgroup: rec.radio.scanner
Date: 1994-08-27 20:03:11 UTC
From: glr@ripco.com
Message-ID: <Cv7MDB.E3A@rci.ripco.com>
Source record: 269846
Cross-posted to: alt.2600,rec.radio.scanner,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk,dc.media

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---

1141. Re: Is North East Scanner News still in business?

Newsgroup: rec.radio.scanner
Date: 1994-08-27 20:08:03 UTC
From: tstader@aol.com
Message-ID: <33o6f3$dd8@search01.news.aol.com>
Source record: 269880

In article <32usqj$t4n@lucy.infi.net>, lburke@infi.net (Lynn Burke) writes:

Here is the letter that went to all NESN subscribers. Mine was postmarked 8/23/94:

==========
NORTHEAST SCANNING NEWS
PO BOX 62, GIBBSTOWN,NJ 08207

August 17, 1994

Dear NESN reader:

NESN is going NATIONWIDE!! That's right, we are merging with the fine nationwide scanner publication, NATIONAL SCANNER (formerly NATIONAL SCANNING REPORT). Beginning with the September issue of NatScan, we will be responsible for the addition of an eastern section of the magazine. Our coverage area will now include all the states from Maine to Florida. Central amd Western sections will be added.

I will remain as your editor of NESN. You are to continue sending input to the regular NESN Regional Column Editors or to me. I will be responsible for editing and re-writing of all columns, adding my famous one-liners and space filling illustrations. The annual NESN picnic, scanfest and Spring meetings will continue as always.

NATIONAL SCANNING'S editor-in-chief, Larry Miller, wants the NESN section to continue with the NESN flavor, page style, humor, one-liners, illustrations, etc. With NatScan's much larger nationwide membership, hopefully we will recieve much more input for our columns. I've known Larry since he attended our first NESN Summer Picnicx, and we've been in touch ever since. For many years, we have talked about joining forces, and now we have! (The two "L" "M"'s!) It should be a real ball!

We will now read nationwide news with our regional news. We will have photos, a larger 8" X 10-1/2" format, be the first to hear about Uniden Bearcat scanners, place free ads in the Scanner's Mart, read respected product and publication reviews, with columns by top scanner writers like Gene Hughes, Norm Schrein, Laura Quarantiello, Tom Swisher, Gary Sturm, Steve Donnell, and the two amigos, Les Mattson and Larry Miller.

All current NESN subscribers will be converted over to the NATIONAL SCANNING mailing list, to get one issue of NAtScan for each issue of NESN remaining on their subscription. If you already subscribe to both NESN and NatScan, your NatScan subscription will be increased by the number of issues owed you from your NESN subscription.

Get set for a unique scanning experience..... NESN & NATSCAN.

HAPPY MONITORING!

(signed)
LES MATTSON, Editor
NORTHEAST SCANNING NEWS
==========
Hope there aren't too many typos.

73 for now.... c u on the shortwaves
Terry Stader - KA8SCP
America Online Ham Radio Club Host
Macintosh Ham Radio Software List Maintainer
ARRL EMA SEC
Internet: tstader@aol.com (e-mail only) or
tstader@si.tiac.net (binaries/files >28K)
KA8SCP@WA1PHY.#EMA.MA.USA.NOAM
ka8scp@ka8scp.ampr.org [44.56.4.82]

1142. Re: Mobile scanners ban: What states?

Newsgroup: rec.radio.scanner
Date: 1994-08-27 21:25:19 UTC
From: copeland@metronet.com
Message-ID: <Cv7q67.Dru@metronet.com>
Source record: 269884

In article <33mt2q$raf@freenet.vancouver.bc.ca>,
Jean Gagnon <jeang@freenet.vancouver.bc.ca> wrote:
>Could anyone provide a list of the states where having a scanner in a car
>is illegal? I heard about NY, any others?

In Texas it is up to the city. So kind of risky to carry one. It is
legal in Dallas, but illegal in Mesquite ...

--

| copeland@metronet.com |

1143. Re: AR 3000A / AR 8000 reviews?

Newsgroup: rec.radio.scanner
Date: 1994-08-27 21:26:08 UTC
From: crisp@netcom.com
Message-ID: <crispCv7q7K.8DF@netcom.com>
Source record: 269881

In article <pG-RFhk.philscott@delphi.com> philscott@delphi.com writes:
>Marcus Boehm <h9001648@obelix.wu-wien.ac.at> writes:
>
>>I am looking for some specs for the AOR AR3000A and the
>>AR8000 scanners. Are there any reviews available on
>>the net?
>
>Marc,
>There is a review of the AR8000 in this month's Monitoring Times
>from Grove. Overall, I am very impressed w/ the unit...great features
>and good performance across the board. 20 search banks, 20 scan
>banks of 50 chs each and alpha tags for each channel. There should
>soon be sw for the PC for programming these puppies too...has a
>weird connector in battery compartment to connect.
>pscott@wellfleet.com
>

after reading the Larry Magne review of the WJ HF1000 in this month's
MT, I will not believe anything he writes again. I can say
for sure that he is absolutely wrong about the audio int eh HF1000.

For that reason I will take all MT reviews with a grain of salt
especially if Grove is selling the product. Too much infomercialism
in that magazine for my comfort.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1144. Re: Atlanta 94

Newsgroup: rec.radio.scanner
Date: 1994-08-27 21:59:33 UTC
From: scott@redstorm.nawc-ad-indy.navy.mil
Message-ID: <199408272159.QAA29715@news.cs.utexas.edu>
Source record: 269882

>>Yes, I'm actually going to get to go to the MT convention. It'll be my first
>>time at the convention. The convention happens to fall on the weekend of my
>>anniversary, so it was a good excuse to get out of town with the wife and
>>leave the kids home with grandma for the weekend.

>>Does anyone know if there's lots of equipment (i.e. books, software,
>>computer-scanner interfaces, etc.) being sold at the convention? I'm
>>busting my butt working overtime so I can bring loads of money to blow
>>on scanner stuff.

>A wife who will go to a radio geek confab ... on her ANNIVERSARY???
>Where'd ya find this woman? Are there more available????? (Ooops, sorry,
>honey, you weren't supposed to be reading this newsgroup!!!)

>Chuck

Actually my wife doesn't give a hoot about scanning. She wants to go
to downtown Atlanta and shop till she drops! I just used our anniversary
as a good excuse to go to the convention, otherwise I wouldn't be able to
justify going to the convention to her. How conveeeeenient!!
It's a good thing she doesn't read the newsgroups!

| Scott Richardson |
| scott@redstorm.nawc-ad-indy.navy.mil |
| 72237.2420@compuserve.com |

1145. Re: pro-51 vs pro34/37 - intermod

Newsgroup: rec.radio.scanner
Date: 1994-08-27 22:10:05 UTC
From: bobscott@access1.digex.net
Message-ID: <33odjt$li5@access1.digex.net>
Source record: 269886

David:
This dupes some of my email, but may be of general interest. I may indeed be hearing mobiles as my apartment is about 100 feet about a major intersection Alexandria, VA. Seems I hear the m&#65533;bile side, too.

What's confusing is that I hear an amatuer repeater (147.315) 21 mHz LOWER in the aero band. Jeez.

Bob

--
Bob Scott Internet: bobscott@digex.com CompuServe: 73125,1437
"Everybody's got a story..." Mike Hammer

1146. Columbus,OH freqs info

Newsgroup: rec.radio.scanner
Date: 1994-08-27 22:17:25 UTC
From: as779@yfn.ysu.edu
Message-ID: <33oe1l$9ot@news.ysu.edu>
Source record: 269887

I will be working in Columbus,OH for approximately 8 weeks starting
after Labor Day. Would appreciate info on any "interesting" scanner
freqs (beside those in "Police Call" to provide entertainment
during my stay there.
--
Chuck Reti WV8A Detroit,MI
aa010@detroit.freenet.org

1147. Re: PRO-43 availability

Newsgroup: rec.radio.scanner
Date: 1994-08-27 23:52:19 UTC
From: eesnyder@sun.com
Message-ID: <33ojjj$u1@news.cerf.net>
Source record: 269888

In article D8x@melpar.esys.com, jwierzbicki@melpar.esys.com (john wierzbicki) writes:
> Hi boys and girls.
>
> Called Merrymac (sp) yesterday. "No more modifiable PRO-43's".

I recently bought one from Marymac and was told the same thing.
How does one distinguish the old ones from the new ones?

eensnyder

1148. Re: Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-08-28 00:12:59 UTC
From: spiel@cc.emory.edu
Message-ID: <33okqb$g5k@emoryu1.cc.emory.edu>
Source record: 269889

Andrew V Routt (rout0003@maroon.tc.umn.edu) wrote:
: Actually, I read a post in alt.2600 that said they were handing out FREE
: cell-phones somewhere in NY. These phones were only capable of dialing 911
: and were being handed out at some park by the mayor and police chief as a
: promotion to lower crime in the area. Sounds like a good deal to me! Give
: me a free cell-phone and I would be happy to keep it in the car to call 911
: if I saw an accident/crime/whatever.

I read about this in The New York Times. It said that the phones are
being donated by Motorola and NYNEX (a cell phone carrier). This goes to
show that the phone companies are not behind some conspiracy to hide
the fact that 911 can be used for free (as the original poster implied).

-Stephan Piel

1149. tracing clell-phone calls

Newsgroup: rec.radio.scanner
Date: 1994-08-28 00:21:01 UTC
From: hemmings@Violet.CCIT.Arizona.EDU
Message-ID: <00983958.799351C2@Violet.CCIT.Arizona.EDU>
Source record: 269890

-> From: cgwh@chevron.com (Curtis Wheeler)
-> Newsgroups: rec.radio.scanner
-> Subject: Re: Hush-Hush on Celluar 911
-> Message-ID: <cgwh.74.0015C740@chevron.com>
-> Date: 27 Aug 94 03:46:33 GMT
-> Organization: CITC/CSD

-> I am sure that limiting abuse is the reason. Unlike the
-> enhanced 911 service you likely (but not everywhere) get
-> on your land line, mobile 911 calls give no indication
-> to the operator of who is calling or where they are.

*** beep *** wrong. Not only can they read off your phone's
ID, but there is a national database on CD-ROM that identifies
the OWNER of EVERY SINGLE CELLPHONE NUMBER ISSUED. As a matter
of fact, and strange as it may seem, there's also a ROM of all
the non-issued numbers, too. So, only a 'stolen' phone won't
lead right back to it's user.

1150. Re: Mobile Antenna?

Newsgroup: rec.radio.scanner
Date: 1994-08-28 01:00:29 UTC
From: macy@telemax.com
Message-ID: <Cv804u.Er4@telemax.com>
Source record: 269902

In article <33l7gi$2t9@es.com> jwilliam@Endor.sim.es.com (Jerry Williams x2824) writes:
>I am looking for a magnetic mount antenna for my car for scanning.
>RS has one for $29 and I have seen a couple advertised in Pop. Com.
>that cost about $19. Does anyone have any suggestions or experience
>on if one is any better than the other.
>Thanks for any help,

Diamond has a unit that is amplified and excellent.
Comet also has a good unit.

You can get them from Ham Radio Outlet, AES or any good ham store.
Or you can buy them at a hamfest...
--
Macy M. Hallock, Jr. N8OBG +1.216.723.3030 macy@telemax.com macy@fms.com
Telemax, Inc. - F M Systems, Inc. 152 Highland Drive Medina, OH 44256 USA

1151. Way too cool Sony

Newsgroup: rec.radio.scanner
Date: 1994-08-28 01:06:53 UTC
From: tcornish@mcs.com
Message-ID: <tcornish.77.002CED6C@mcs.com>
Source record: 269891

Back in December I was in a duty free shop in the West Indies and saw a Sony portable that looked like a cross between a scanner and a portable short-wave. I didn't catch the model number, but I remember it said something like "High-Scan" across the speaker. I believe it covered 100kHz to 1GHz continuous, with 999 memories and scan and search functions. I was very impressed but was not in the market at the time.

Now I'm in the market.
I have been unable to locate anything like it in the local electronics stores.

Can someone tell me what the model number is?
Is it still manufactured?
What's it going for in the 'states by mail order? From who?
Anybody have one? Like it?

Thanks

Tim the Enchanter.

It's not whether you win or loose,
it's how you place the blame.

1152. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-28 01:33:05 UTC
From: ares@bga.com
Message-ID: <33opgh$c8j@giga.bga.com>
Source record: 269892

Richard Crisp (crisp@netcom.com) wrote:

: Please explain to me how scanners make your job more dangerous.

I didn't argue that they made my job more dangerous. The potential is there, but I don't feel that it is a big deal at all. I tried to make it clear that I am PRO SCANNER. It's up to the individual users of scanners to use the information responsibly, and 99.999% of them do. I believe anything on the airwaves is fair game.

I just wanted to encourage scanner listeners not to go to the scene of calls, because all that will do is complicate the situation and give more cops bad opinions of scanner users. If you want to go to the scene and get in on the action that badly, then join the police dept! That's what I did...

Steve Gibson |
ares@bga.com | The Badge means I'm broke...
Austin PD -- Austin, TX |

Disclaimer: Views expressed above are my own opinions and are not those of the Austin Police Department or of the Chief.

1153. Triple vs. Double conversion...

Newsgroup: rec.radio.scanner
Date: 1994-08-28 01:55:48 UTC
From: ares@bga.com
Message-ID: <33oqr4$c8j@giga.bga.com>
Source record: 269893

Can anyone explain what exactly the difference is (and pros/cons) between
triple conversion and double conversion scanners? Thanks...

Steve Gibson |
ares@bga.com | The Badge means I'm broke...
Austin PD -- Austin, TX |

Disclaimer: Views expressed above are my own opinions and are not those of
the Austin Police Department or of the Chief.

1154. Motorola ad shows "Daddy" of cellular phone: ww2 walkie talkie!

Newsgroup: rec.radio.scanner
Date: 1994-08-28 02:37:34 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseCv84Mn.AHo@netcom.com>
Source record: 269895
Cross-posted to: rec.radio.scanner,alt.dcom.telecom

n interesting ad appears in the Aug 29 '94 issue of _Business Week_ magazine. On page 9. Picture of an old world war 2 walkie talkie next to a cell phone. "The (cell phone make and model #) comes from a long line of heros. Like the original SCR 536 hand-held wireless radio, which cut our boys loose from the wires of war. Lives depended on us then. Busy lives depend on us now. ... The best selling ... cell phones ...

Ad "headline" is: Daddy fought in the war.

Wonder if Motorola is telling us that the cell phone is really just a fancy walkie talkie? And like the ww2 radio, the cell phone is not encrypted? (How could the WW2 radio be encrypted with the vacuum tube technology they had back then, the radio isn't big enough).

1155. Re: Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-08-28 03:01:15 UTC
From: jans0050@maroon.tc.umn.edu
Message-ID: <Cv8606.GyE@news.cis.umn.edu>
Source record: 269896

>A lot of the reason it is not more widely publicised is because the average
>John Q. Citizen does not understand what 911 is actually for. I do some
>computer work here (Louisville, Jefferson County, Kentucky) for the government
>offices that over-see 911, so I see a lot of their figures on calls taken and
>such. The number of people who use 911 to report a dead animal on the side of
>the road is mind boggling. Then there are calls that are atleast a
>little bit understandable (but not totally) like a highway light or a stop
>light out...yes, its a bad situtation, depending on its location, but under
>**VERY** few circumstances does it actually necessitate the use of 911.
>Also, a flat tire is not a 911 call, its a AAA call (or what ever flavor of
>auto club you prefer). This past winter, Louisville was socked in with a
>heavy snow...a large number of people used 911 to report that their streets
>had not been plowed yet.

I know that in my area, if you have a call that has anything to do with
the police, including public saftey on the roads (traffic lights, large
pieces of trash blocking roads) we have been instructed to call 911. I
guess for awhile there, people were afraid of 911 and using it
incorrectly, and weren't calling it all together in fear of misuse.

>David
>davidm@iglou.com

Jerad Hoff

```
+-------------------------------------------------------------------+
|This Email/post refelct the opinions of Jerad Hoff, and John C. |
|Jansen is sitting here wondering why he would let me write such |
|stupid things. You can send him all the flames though... |
+-------------------------------------------------------------------+
```

1156. Re: AOR 8000 review by Bob Grove

Newsgroup: rec.radio.scanner
Date: 1994-08-28 03:18:43 UTC
From: schuster@panix.com
Message-ID: <33ovmj$1cv@panix2.panix.com>
Source record: 269897

Like trn keeps telling me:

Start using *****REC*****.radio.scanner

In article <33oj24$g5o@search01.news.aol.com>, JoeWo <joewo@aol.com> wrote:
>Hi!!
> In this month's Monitoring Times i saw the review of the AOR 8000. Bob
>did not compare it to the other AOR radios...especially my 1500. He gave
>a bunch of sensitivity and rejection figures but there are none in my 1500
>booklet (pamphlet, or maybe single sheet of paper). How does it stack
>up??? Joe

The AR8000 is quite "clean" as far as intermod and image rejection goes,
according to some big city listeners. It is easily the best handheld that
AOR has put their nameplate onto.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1157. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-28 03:19:40 UTC
From: steven@sgb.oau.org
Message-ID: <Cv86Ku.9sz@sgb.oau.org>
Source record: 269904

SCAN911 (scan911@aol.com) wrote:
: In article <Cv69sr.Ioy@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley)
: writes:

: > Not entirely true -- when you use the coupon, they reduce the item
: > by $2, thereby returning the tax paid -- since the item is then
: > valued at $2 less, which means the end result is the same.

: >Steven

: Not entirely true, either.....Some states actually require the buyer to
: pay the sales tax on the full amount, and then have the coupons reduce the
: price paid. Not too many stores are swift to it, but it is on the books
: in many states!

If they are doing that -- it is in violation of Radio Shack policy.

That policy dictates when presented with a coupon from the catalog,
you are to enter the item as normal, use the price change option
and subtract $2, therefore something normally selling for $5.95
is valued at $3.95 and that is all you will get if you wish a
refund later. The tax is always calculated at the end of the listed
prices for what you bought.

You're trying to say that when a store is selling a box of 10 disks
for $8 regular $12, that the tax should be on the $12 for the $8
purchase, right? That's ludicrous and illegal! They should not make
a dime for that which you have not paid!

Reminds me of the newspaper situation in Florida. One Saturday night,
I entered Walgreens, put the amount on the counter as listed on the
paper -- then they expected tax to be paid too. I explained it is
included in the price, and the actual price is less than printed on
it, it is done that way to include the tax because the machines like
round numbers (nickels etc).

I argued LOUD and AT LENGTH with the idiots. I have not done business
with them since. The manager gave me this b*llsh*t about how it's
extra unless you buy it at a machine. Guess what, I LOUDLY slammed
the paper on their counter, said "STUFF THE F*CK*NG PAPER, I'LL GO
FIND A F*CK*NG MACHINE!" I think enough saw the problem to get the
message. Seems to me we need another Boston Tea Party on the Florida
tax on newspapers. I solved the problem another way later -- I
subscribed!

I had a similiar situation in a Publix Supermarket once. Same problem.
Only this time I explained the situation in detail and placed on the

counter the exact listed change on the paper. I stated "I AM NOT GOING TO PAY ON CENT OVER WHAT I'D PAY TO A MACHINE AS MACHINES DO NOT COLLECT TAX, YOU CAN'T EITHER, SINCE I HAVE NO WAY OF KNOWING YOU ACTUALLY SUBMIT THE TAX FROM NEWSPAPERS!"

In any event, I said "Now here is the money, I do not need a receipt, (turning), sir, are you a witness to this payment for this newspaper? [yes, I've seen you pay for it], thank you sir, now I will leave. I picked up my paper, left the money on the counter, and left the store".

Never had a problem after that. They did some sort of adjustment as they knew my recourse was to have a witness observe the payment left on the counter, and then leave with the goods. The one problem was the night they were out... and Walgreens was next door.

To hell with the taxes... I get out of them any chance I get!

Is there a newsgroup for getting around taxes? I despise the taxes as much as the (attempted) scanner bans.

The only good politician is an IMPEACHED politician!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
| Modem: 407/862-8088

1158. Re: Air Band

Newsgroup: rec.radio.scanner
Date: 1994-08-28 03:30:01 UTC
From: g9153402@huey.csun.edu
Message-ID: <33p0bp$d1u@nic-nac.CSU.net>
Source record: 269898

Stephan Piel (spiel@cc.emory.edu) wrote:
> Whenever I listen to pilots and controllers talking I find it boring.
> They just say brief commands like "128 descend to 7000 feet". I live in
> Manhattan enabling me to hear three major airports: JFK, LGA and Newark,
> so it's not like I'm missing something. I understand that during an
> aircraft emergency it might be exciting, but can somebody please tell me
> what people find about listening to air band so great?

I sort of agree with you, but there are some people who do find the
air band exciting, especially if they may be involved in it (like a
pilot). But most air-to-ground communication is that '128 runway 31 left'
stuff, often said so fast you may not understand it. As far as ads, like
in the Damark catalog, talking about the 'exciting air band', it is
probably pointed at customers who've never had a scanner, or who have
another Damark scanner, but can't scan the 108-137 mhz AM band. The
latter, might be the case, since Damark is known for selling cheap stuff,
like scanners that can only scan a few bands. Anyway, once these
customers 'upgrade', they'll find out how exciting (or unexciting) aircraft
communication is.

1159. Re: radio in asia(Hong Kong)?

Newsgroup: rec.radio.scanner
Date: 1994-08-28 03:39:44 UTC
From: g9153402@huey.csun.edu
Message-ID: <33p0u0$d1u@nic-nac.CSU.net>
Source record: 269899

Chris 1/2 (ez005752@dale.ucdavis.edu) wrote:
> I don't know much about radio scanner. But is it possible to
> catch radio wave from asia(hong kong/china/japan)?
> Or do I need a dish?
> Please help me thru email
> Thank you
> Chris

Highly improbable of receiving Asia on a scanner. If you buy a
shortwave radio (cheaper than a scanner) you'll get those broadcasts.
Check a shortwave usenet group, for more info on this stuff....

1160. Re: Gettin a Scanner Number

Newsgroup: rec.radio.scanner
Date: 1994-08-28 03:44:19 UTC
From: DPalmer@ix.netcom.com
Message-ID: <33p16j$n2t@ixnews1.ix.netcom.com>
Source record: 269903

In <Cv5zEu.1E3@news.cis.umn.edu> jans0050@maroon.tc.umn.edu (John C Jansen) writes:

>
>Is there any point for getting a "callsign" from CRB? I know that hams get
>one because it is thier means for identifaction, and to prove that they
>can indeed be transmitting in the ham bands. But why scannerists? Do you
>get anything more then a certificate that says you are XXXX?
>
>Just wondering if it would be worth it for me to order such a thing. I
>have my Ham call in the mail..but some say more the merrier.
>
>Jerad Hoff

Some folks like them, it gives them some kind of 'license number' to
put on QSL requests, or on thier own QSLs that they send. for that
matter, you could make one up yourself <G>. Way back in the golden
age of CB, I got one of those SSB numbers from CRB. I remember getting
a xeroxed 'Certificate', an ID card, a official appearing car window
placard (US Licensed Radio Operator<!>), and a few other document items.
I thought I got my two bucks worth at least. But the CRB catalog was
the best thing I got out of that deal.
--

David Palmer DPalmer@ix.netcom.com
Monterey, California 4108@mgs.com
MPTV Cable, Western Communications

1161. Re: tracing clell-phone calls

Newsgroup: rec.radio.scanner
Date: 1994-08-28 03:48:25 UTC
From: g9153402@huey.csun.edu
Message-ID: <33p1e9$d1u@nic-nac.CSU.net>
Source record: 269900

bill hemmings (hemmings@Violet.CCIT.Arizona.EDU) wrote:

> -> I am sure that limiting abuse is the reason. Unlike the
> -> enhanced 911 service you likely (but not everywhere) get
> -> on your land line, mobile 911 calls give no indication
> -> to the operator of who is calling or where they are.

> *** beep *** wrong. Not only can they read off your phone's
> ID, but there is a national database on CD-ROM that identifies
> the OWNER of EVERY SINGLE CELLPHONE NUMBER ISSUED. As a matter
> of fact, and strange as it may seem, there's also a ROM of all
> the non-issued numbers, too. So, only a 'stolen' phone won't
> lead right back to it's user.

But if you bought a cell phone for cash at some store or flea-market,
and never activated it, calling 911 with them only able to retrieve
the phone's ID/ESN, really wouldn't be much help in tracking down
who made some prank call. On the other hand, stay on the line long
enough, the authorities can quickly pin-point what 'cell site' you're
call is coming from, and start hunting for you in that area. That's
how Al Cowings was partly pinpointed while he drove OJ down L.A.
Freeways.

1162. Re: Way too cool Sony

Newsgroup: rec.radio.scanner
Date: 1994-08-28 03:52:51 UTC
From: g9153402@huey.csun.edu
Message-ID: <33p1mj$d1u@nic-nac.CSU.net>
Source record: 269901

Timothy P. Cornish (tcornish@mcs.com) wrote:
> Back in December I was in a duty free shop in the West Indies and saw a Sony
> portable that looked like a cross between a scanner and a portable
> short-wave. I didn't catch the model number, but I remember it said something
> like "High-Scan" across the speaker. I believe it covered 100kHz to 1GHz
> continuous, with 999 memories and scan and search functions. I was very
> impressed but was not in the market at the time.

From what I've heard, the few scanners on the market that can also tune in
the shortwave band, do a lousy job of receiving SW broadcasts (Radio Shack
doesn't sell such a combination radio). You're probably better off buying
of scanner that scanns from 29 Mhz on up, and a shortwave radio, that will
receive broadcasts in the lower bands..

1163. Alabama DeSoto State Park?

Newsgroup: rec.radio.scanner
Date: 1994-08-28 04:33:00 UTC
From: russell.wright@xoanon.com
Message-ID: <9408281440191618@xoanon.com>
Source record: 269839

I am planning a trip to DeSoto State Park near Ft. Payne, Alabama.
Police Call lists 151.430 for that site. Any other interesting freqs in
that area?

Thanks,
Russell Wright russell@xoanon.com

1164. Balloon Freqs @ NASA

Newsgroup: rec.radio.scanner
Date: 1994-08-28 04:38:00 UTC
From: russell.wright@xoanon.com
Message-ID: <9408281440191619@xoanon.com>
Source record: 269840

There was a hot air balloon show this weekend at NASA-JSC, Houston.

151.625 MHz was used for air to air and air to ground coms.

One balloon was monitored on 462.5875 with air to ground coms.

Russell Daines Hornsby Wright russell@xoanon.com

1165. Scanners and Airports

Newsgroup: rec.radio.scanner
Date: 1994-08-28 05:03:42 UTC
From: saund891@raven.csrv.uidaho.edu
Message-ID: <33p5re$jsa@owl.csrv.uidaho.edu>
Source record: 269905

Will it hurt my pro39, or any other scanner, when it is taken through
airport security?
Thanks.

--
****
* Michael Saunders *
* Mechanical Engineering Dept *
* University of Idaho *
* saund891@uidaho.edu *
* Phone: (work) 208-885-7339 *
* (home) 208-883-1419 *
****

1166. Re: tracing clell-phone calls

Newsgroup: rec.radio.scanner
Date: 1994-08-28 05:23:44 UTC
From: dleon@seas.smu.edu
Message-ID: <1994Aug28.052344.28986@seas.smu.edu>
Source record: 269907

In article <00983958.799351C2@violet.ccit.arizona.edu>,
bill hemmings <hemmings@Violet.CCIT.Arizona.EDU> wrote:
>-> From: cgwh@chevron.com (Curtis Wheeler)
>-> Newsgroups: rec.radio.scanner
>-> Subject: Re: Hush-Hush on Celluar 911
>-> Message-ID: <cgwh.74.0015C740@chevron.com>
>-> Date: 27 Aug 94 03:46:33 GMT
>-> Organization: CITC/CSD
>
>-> I am sure that limiting abuse is the reason. Unlike the
>-> enhanced 911 service you likely (but not everywhere) get
>-> on your land line, mobile 911 calls give no indication
>-> to the operator of who is calling or where they are.
>
>*** beep *** wrong. Not only can they read off your phone's
>ID, but there is a national database on CD-ROM that identifies
>the OWNER of EVERY SINGLE CELLPHONE NUMBER ISSUED. As a matter
>of fact, and strange as it may seem, there's also a ROM of all
>the non-issued numbers, too. So, only a 'stolen' phone won't
>lead right back to it's user.

Couldn't they also get the tower info from the signal (I suppose it
can be read directly from the 911 call, but there must be *some*
way to cross reference the phone owner's number with the transmission tower)
D Anyway, from what I understand, the tower can figure out the
position of the phone within about 15 feet. Apparantly, this is
how the cell to cell handoff goes so smoothly. So, what would be the
way to cross reference the owner of the phone with tower info)? Is
n't there some sort of hi-tech auto alarm that tracks your stolen
car using this type of info?

1167. Cellular capable scanners

Newsgroup: rec.radio.scanner
Date: 1994-08-28 05:24:00 UTC
From: chrism7204@aol.com
Message-ID: <33p71g$kle@search01.news.aol.com>
Source record: 269906

I am not convinced that I need to run out and attempt to buy an 800MHz capable scanner just for cellular reception. I own a Pro-37 that apparently has limited 800MHz capability: 806-823 and 851-968 (BTW-it's also missing 175-379 MHZ). What would I gain IF, I repeat IF, I could lay my hands on a Pro 2006 tommorrow? I don't particularly care about listening to personal phone calls but what are the other things that I would be missing out on in the 800MHz frequencies?

Would I be better off just waiting on the new RS models which won't have cell bands? I want to run out and get a 2006 JUST because our damn government (you know, the ones who are representing us in the land of the free and brave) says I can't have one, but the my checking account is saying not so fast! :)

Anyway, will the newer scanners that don't have cellular capability have *everything* else or if not, what will it be missing?

I appreciate it,
Chris

1168. Re: AOR AR-8000 Receiver

Newsgroup: rec.radio.scanner
Date: 1994-08-28 05:37:04 UTC
From: hph@ops1.fns.com
Message-ID: <33p7q0$2u2@ops1.fns.com>
Source record: 269592
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Does anyone know what the price of the AR8000 is in Japan. I have seen U.S. and UK prices but have not seen a price in Japan. If you know, please specify if the price includes tax (excise, VAT or whatever)

Thanks,
Paul
hph@fns.com

1169. Re: motorola scrambled phone

Newsgroup: rec.radio.scanner
Date: 1994-08-28 06:09:02 UTC
From: studebaker@aol.com
Message-ID: <33p9lu$l9e@search01.news.aol.com>
Source record: 269908

In article <CLL002-050794102758@145.1.23.32>, CLL002@email.mot.com (Luke Lin) writes:

To decode the frequency inversion buy a moto cordless phone, use the page option and run the conversation thru your base to your hand-held. It will invert the frequency back to it's original state.

1170. Freqs wanted for BASF / Detroit

Newsgroup: rec.radio.scanner
Date: 1994-08-28 06:19:14 UTC
From: aj092@yfn.ysu.edu
Message-ID: <33pa92$a4i@news.ysu.edu>
Source record: 269910

Hello --
A friend is interested in monitoring activity at the BASF Milford Avenue plant
in Detroit. Would anyone have info on frequencies to look for? Either
E-mail or a post here will do. Thanks. 73 //kvz
--
kv zichi -->bz649@Cleveland.Freenet.edu
despite what the address above may say!

1171. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-28 06:25:21 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <33pakh$201@lambada.oit.unc.edu>
Source record: 269909

In article <Cv69sr.Ioy@sgb.oau.org>, Steven Bradley <steven@sgb.oau.org> wrote:
>SCAN911 (scan911@aol.com) wrote:
>: Well, here's the bummer in buying the RS catalog....They add sales tax on
>: top of the purchase! Pay $2.10 and get a $2 coupon. Sounds like I am
>: owed a dime??? Well, only joshing. But you get my drift.
>
> Not entirely true -- when you use the coupon, they reduce the item
> by $2, thereby returning the tax paid -- since the item is then
> valued at $2 less, which means the end result is the same.
>
>Steven
>---
>Internet: steven@sgb.oau.org | Steven G. Bradley
> steven@gate.net | Forest City, Florida
> steven@transquest.oe.fau.edu |-----------------------
>CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
> | Modem: 407/862-8088

Another note I didn't realize 'till I got my catalog: even though it's a
dollar cheaper this year (I got one for free last year :), NOTE: there are
no coupons inside the catalogs. SO no more of someone's idea of using the
$3 coupon to buy the nex catalog to stock up on $5 and $15 coupons for use...

(still hoping to get updated as a "Preferred Customer" for my 10% off, but
I heard the central office makes that decision, not the local 'Shack)

Sherrod

--
-- --
Launchpad is an experimental internet BBS. The views of its users do not
necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
-- --

1172. Re: Freedom...

Newsgroup: rec.radio.scanner
Date: 1994-08-28 07:00:37 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <33pcml$1ht@freenet3.scri.fsu.edu>
Source record: 269912
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

Brian (bmork@opus-ovh.spk.wa.us) wrote:
: crisp@netcom.com (Richard Crisp) writes:

: > If you don't believe the part about manipulating the media, explain to
: > me how come most Americans believe more people die each year as a result
: > of being shot by an assault weapon than die as a result from a car
: > accident?
: >
: > here are some stats:

: Good stats, but here's a real kicker I came across from a Univ of Ill
: researcher (report out about 4 months ago). Guns were three times more
: likely to be used in the prevention of a crime than assisting one.
: Make guns illegal and the good guys won't have them. Guess what the
: same survey will show in a few years? *Of course* a lesser percentage
: will be used to deter crime!

: If the results are wrong, ignore them and make a law to stack the deck
: better the next time around!

: The researcher that wrote this report went through a heart-wrenching
: realization (he self-proclaimed that he wanted results the other way,
: since he wanted to restrict guns). His conclusion was welcome:

: Rather than make some guns illegal for all people, make all guns illegal
: for some people (convicted users).

: ---
: Brian Mork UUCP bmork@opus-ovh.spk.wa.us / ARO ka9snf@ka7fvv.#ewa.wa.usa
: .... USMail 6006-B Eaker, Fairchild, WA 99011
: V:509-244-3764 D:509-244-9260

I love it! Don't know what it's doing in this thread, but I enjoy
anything that helps educate the liberals (and Klinton). Personally, I
beleive that the more evil looking the weapon, the less likely the
chances of having to use it. That goes for so-called assault weapons just
as much as the nuclear stockpile that's kept this country safe for decades.
Deny that!
Peace,
chuck62@freenet.fsu.edu

1173. Re: The scoop on GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-28 07:25:06 UTC
From: henryvb@aol.com
Message-ID: <33pe4i$m36@search01.news.aol.com>
Source record: 269911

In article <33lqn9$97g@news.ysu.edu>, af546@yfn.ysu.edu (Tony Rossi)
writes:

* FCC does not care if you wish to use your GMR for either Business and/or

* Personal.
* All users must be indivualy licensed except grandfathered business
and/or
* fleet users from a few years back (and folks there are alot of
grandfathered
* users out there.)
*One can legally use GMR for business use, dispatch on, and use this
service
* just like business radio (just as long as each user has a FCC call sign
* issued to their person. (or have been grandfathered)

And what planet did you get your information from, buddy? GMRS licenses are only issued to personal (read individual) users for the past seven years! A personal user can have the immediate members of his/her family living in the same household use the license and they can discuss whatever they want, even if it is business related. BUT NO BUSINESS LICENSES ARE BEING ISSUED! Furthermore, dispatch, etc is considered business use and this is prohibited. You cannot lend your friends a radio under your license and you cannot let your employees use your license.

Furthermore, very few grandfathered business licensees exist in major cities, only rural locations where the system still serves them well. In most major cities, the business licensees have either changed frequencies voluntarily or been foced to move because they wanted to increase their power, change the number of units, or moved their antenna location, all of which are prohibited for the grandfathered business licensees. The other reason business licensees leave the GMRS service is when the FCC cites them for violations of the rules for making the previously mentioned changes illegally, usually on the advise and with the participation of their radio dealer.

If you tell your customers that they can use this service "just like business radio" then God only know what other wrong information you supply them.

1174. Re: Thunderbird Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-08-28 07:48:00 UTC
From: edward.albert@woodybbs.com
Message-ID: <93.729.7592.0NFB2F7C@woodybbs.com>
Source record: 269562

Message-ID: <Cv8J1H.7vE@news.Hawaii.Edu>
Newsgroup: alt.radio.scanner,rec.radio.scanner
Organization: University of Hawaii

Thanks again to all those who responded with frequency listings and
suggestions. The show lasted about 20 minutes and was pretty good considering
I couldn't find parking until the start time of the show. (missed about 5 mins.
walking to the beach) I paid attention moreso to the planes than messing
with the scanner so I stayed on the main air-air/coordination freq. of
141.850 AM. I can still hear the whooosh of the F-16's flying by... ;)

Thanks again for all the responses! Aloha!

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

1175. Re: Thunderbird freqs?

Newsgroup: rec.radio.scanner
Date: 1994-08-28 07:48:53 UTC
From: ealbert@uhunix3.uhcc.Hawaii.Edu
Message-ID: <Cv8J1H.7vE@news.Hawaii.Edu>
Source record: 269913
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Thanks again to all those who responded with frequency listings and
suggestions. The show lasted about 20 minutes and was pretty good considering
I couldn't find parking until the start time of the show. (missed about 5 mins. walking to
the beach) I paid attention moreso to the planes than messing
with the scanner so I stayed on the main air-air/coordination freq. of
141.850 AM. I can still hear the whooosh of the F-16's flying by... ;)

Thanks again for all the responses! Aloha!

1176. Re: Digital scanning

Newsgroup: rec.radio.scanner
Date: 1994-08-28 08:49:27 UTC
From: linley@netcom.com
Message-ID: <linleyCv8LuF.DMo@netcom.com>
Source record: 269914

In ye olden post tmnichol@nps.navy.mil (Troy M. Nichols) spake...
>I have Heard a lot of talk/discussion about digital and how scanning
>will soon be gone. This is how I see the future:
>Soon companies like Icom, Kenwood, etc will start building digital

Yes, I believe that certain digital xmission methods will be defined as
"unencrypted" and future scanners will receive these modes. Just because
something is digital does not mean it's scrambled. Surely SSB was not
considered scrambled communications when AM was all the rage. However,
we'll have to wait for the various digital modulation schemes to battle
it out before a (de facto) standard emerges. AM stereo schemes still
vary, though it looks like Motorola C-QUAM will win out in this battle.

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur radio: KE6EQZ
=-=-=-=-=-=-=-=-=-=-=-= "This is glue. Strong stuff." =-=-=-=-=-=-=-=-=-=-=-=

1177. Re: Triple vs. Double conversion...

Newsgroup: rec.radio.scanner
Date: 1994-08-28 10:04:26 UTC
From: bendover@delphi.com
Message-ID: <Bm1Q+uC.bendover@delphi.com>
Source record: 269915

There is one con to triple conversion, it costs more, however, you get less intermod with triple, and no imaging..

1178. SCANNER FORSALE!

Newsgroup: rec.radio.scanner
Date: 1994-08-28 11:20:00 UTC
From: eddie.imperial@cutting.hou.tx.us
Message-ID: <71.6002.102@cutting.hou.tx.us>
Source record: 269833

I HAVE A PRO-59 8 CHANNEL PLUS WEATHER RADIO SHACK SCANNER 137-174 408-512
WORKS FINE! $40+4 SHIPPING.
EDDIE 713-437-0124

... Catch the Blue Wave!
___ Blue Wave/QWK v2.12

- Eddie Imperial
Internet : eddie.imperial@cutting.hou.tx.us

1179. Re: AR 3000A / AR 8000 reviews?

Newsgroup: rec.radio.scanner
Date: 1994-08-28 13:30:24 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cv8yup.A18@nntpa.cb.att.com>
Source record: 269919

In article <crispCv7q7K.8DF@netcom.com>,
Richard Crisp <crisp@netcom.com> wrote:

> ...
>For that reason I will take all MT reviews with a grain of salt
>especially if Grove is selling the product. Too much infomercialism
>in that magazine for my comfort.

I published scanner product reviews in Monitoring Times
and didn't get any sales commissions.

In fact, I bought the scanners I reviewed in MT from sources
other than Grove Enterprises.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1180. Looking for a DDI box...

Newsgroup: rec.radio.scanner
Date: 1994-08-28 13:42:38 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Aug28.093809.1@cad3.uccb.ns.ca>
Source record: 269918

Hello:
Where can a person get a DDI box with no hassle?
thanks in advance
Ron

1181. Re: Questions: Digital Scanning, Cellphones, Transmissions

Newsgroup: rec.radio.scanner
Date: 1994-08-28 13:51:21 UTC
From: cocw@hk.super.net
Message-ID: <33q4op$l4b@hk.super.net>
Source record: 269922
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy

Laurent PELLISSIER (lpelliss@ensm-ales.fr) wrote:
: Here in France the GSM system is very very inexpensive. In fact
: some store sell one to you for FREE (but you have to subscribe for one
: year to a telephone company). Also they are two operators of the GSM in
: France (a third one is expected for soon!) so the competition between
: them is very hard and the price decrease a lot. For example in the
: beginning of the GSM (3 years ago) a such device cost 6000 FF (1 US$
: for 6 FF) now you can find some at less than 1000 FF. It's totally
: crazy (especially for scanner listenner). Moreover the GSM system is
: scrambled so there is no {easy} way to listen them.
: So I am very surprised to learn that in the US the digital
: cellphones are so expensive.

Hi,
AFAIK, (maybe this has been discussed already) UK (and France) has the cheapest GSM service available (phones and network). As an example in Hong Kong, Motorola 7200 are around HK$ 8800 (1 US$ = 7.73 HK$), Nokia 2110 are around HK$10k. The same phones cost about 150 - 250 GBP (UK) subject to a one year contract, add about 250 to 300 for no contract (usually referred to as ESN free, as the service provider holds it). Most of the world uses GSM, USA, Russia and Japan excepted. Great shame.

There are many major operators (service providers) in the UK, four digital, two analogue. (2 GSM + 2 DSC [like GSM but at 1.8GHz]).

regards
Chun

1182. Re: Triple Vs. Double Con

Newsgroup: rec.radio.scanner
Date: 1994-08-28 13:57:00 UTC
From: PARNASS@IHLPF.ATT.COM
Message-ID: <93.732.7592.0NFB2F7F@IHLPF.ATT.COM>
Source record: 269326

Message-ID: <Cv903y.A4F@nntpa.cb.att.com>
Newsgroup: rec.radio.scanner,alt.radio.scanner
Organization: AT&T Bell Laboratories, Naperville, IL

In article <Bm1Q+uC.bendover@delphi.com>, <bendover@delphi.com> wrote:

>There is one con to triple conversion, it costs more, however,
> you get less intermod with triple, and no imaging..

Triple conversion has nothing to do with intermod immunity per se.

It is more likely that you find cheaper scanners use double conversion.
To keep the costs of those models down, manufacturers don't spend
money to produce receiver front ends with better intermod immunity.

The triple conversion scanners on the market use "up conversion,"
a particular implementation in which the first IF is very
high (e.g., 700 MHz). This improves image rejection by placing
the images far outside the passband of the tuned circuits in the
front end.

If you do the arithmetic, you see that as you lower the IF, the
desired frequency and the image frequency get closer to each other.
In a scanner with an IF of 10.7 MHz, the desired and image frequencies
are 21.4 MHz apart. It's more difficult for a front end filter (usually
the filter between the antenna and the rest of the radio) to accept
one signal and reject the other when they are this close in frequency.

In a scanner with a 700 MHz IF, the desired and image frequencies
are 1400 MHz apart -- and it's a lot easier for the front end filters
to block the image.
--
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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

1183. Re: Triple vs. Double conversion...

Newsgroup: rec.radio.scanner
Date: 1994-08-28 13:57:33 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cv903y.A4F@nntpa.cb.att.com>
Source record: 269921
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <Bm1Q+uC.bendover@delphi.com>, <bendover@delphi.com> wrote:

>There is one con to triple conversion, it costs more, however,
> you get less intermod with triple, and no imaging..

Triple conversion has nothing to do with intermod immunity per se.

It is more likely that you find cheaper scanners use double conversion.
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In a scanner with a 700 MHz IF, the desired and image frequencies
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to block the image.
--
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1184. For Sale : Realistic Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-08-28 13:59:10 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Aug28.095421.1@cad3.uccb.ns.ca>
Source record: 269920

For Sale:
Pro 2006
6 months old
400 ch
cell mod.
tape rec. mod.
extra audio out for dtmf
computer control

asking 550 canadian(approx. 395 us)

If interested please phone 902-794-9440 ask for Blair (nova scotia)

PLEASE NO E-MAIL RESPONSE

1185. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-08-28 14:42:16 UTC
From: parnass@ihlpf.att.com
Message-ID: <Cv926G.A9y@nntpa.cb.att.com>
Source record: 269923
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: August 17, 1994 |

Introduction to Scanning
by Bob Parnass, AJ9S

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This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, where to get it repaired if required, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves between 49.67 and 49.99 MHz by their sensitive baby monitor intercom.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. Change is in the wind -- when existing stocks are depleted, it will be illegal for companies to sell scanners which cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have recently enacted laws against listening to cordless phones, but it's currently legal to listen in most states. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend AOR brand scanners.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't

make sense to buy a crystal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners almost always provide more audio than portables, and portables are usually more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band unless you live in a very rural area where this band is not used. Usage of the 800 MHz band is growing by leaps and bounds.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to most scanner owners.

Currently, the more popular scanners include the Uniden/Bearcat 760XLT (a/k/a 950XLT) and Radio Shack PRO-2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT) and Radio Shack PRO-43 portables.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more.

If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be somewhat more prone to lightning strikes because they are not at "DC ground."

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Wal-Mart, K-Mart, Service Merchandise, and Circuit City sell scanners, but carry just a few models. Department stores, like Sears Roebuck and Montgomery Wards, sometimes offer scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- Marymac Distributing (Katy, TX) sells Radio Shack | scanners at discount, but charges a 20% restocking fee | for returned merchandise. Telephone (800)231-3680 and | (713)392-0747.

- Scanner World (Albany, NY). Telephone (518)436-9606.

Beware of inflated "shipping and handling" charges and be sure to include these when comparison shopping.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

KD4MOJ maintains a scanner modification server for people without FTP access. You can request a list of scanner modifications by sending electronic mail with the words GET INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove Enterprises for about $25. This single edition contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more

sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. It will likely disappoint experienced scanner hobbyists and is better suited for beginners. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The DOS access software is somewhat | difficult to use and the frequencies are displayed with | annoying leading zeroes.

Grove enterprises sells FCC license information on floppy disks. Disks for each state are sold separately, and the information is basically the same as the FCC "state sort," i.e., transmitter location (state/city), callsign, licensee

name, and type of license. The DOS access software is | easier to use than the PerCon CDROM.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded, attenuating cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in

1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. Rick Christian advises these strict rules for the AOSCNet Scanner Radio Echo (as of 2/1/94):

1. No discussion of cellular modifications or discussions on how to monitor cellular transmission.
2. No discussions on topics which would violate the ECPA '84, TDDRA '93, (18 USCA 2510 et seq.) or Communications Act 1934 & 1984 as amended (47 USCA 705), i.e., decoding/reception of paging, cellular, encrypted stuff, descrambling etc..
3. No Aliases.
4. No discussion of Shortwave or Amateur Radio material (except SAREX).

For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is the foremost club for scanner radio hobbyists in the northern Illinois area. CARMA was formed from the Chicago chapter of the Radio Communications Monitoring Association (RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays at area restaurants, about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about 4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members sometimes sell radio equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year subscription is available by mailing a $10 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Many CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for the remainder of 1994. All meetings will be held on Saturdays at the Destiny Restaurant, 1440 Rand Road, Des Plaines, IL:

October 15
December 10

Bring a notebook and your appetite.

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1186. How to Find Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-08-28 14:42:49 UTC
From: parnass@ihlpf.att.com
Message-ID: <Cv927D.ABD@nntpa.cb.att.com>
Source record: 269924
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed August 18, 1994 |

HOW DO YOU FIND THESE SCANNER FREQUENCIES?

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

I am often asked, "How do you find these frequencies?" Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books

The most convenient source of fire and police frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores for under $10. Police Call is basically a computer printout of FCC license information in the fire, police, local government, and conservation services in two lists: by licensee name within state, and by frequency. Later editions have included a few pages of local airport and nonsensitive federal government frequencies.

I highly recommend Richard Barnett's 1992 book, Monitor | America, published by Scanner Master Corp., and available from Grove Enterprises for about $25. This second edition is crammed full of police, fire, local government, news media, sports, national park, and commercial broadcast frequencies for all 50 states. The information was compiled mainly from members of the world's largest scanning club, the Radio Communications Monitoring Association (RCMA). Monitor America contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.

Beyond Police Call, available from several sources including Radio Shack, covers the business, schools, and other stations not covered by Police Call, its sister publication. One volume covers the entire USA, but no call signs are shown.

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide. The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $20. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is the best book in print for this difficult to obtain information.

A more accurate, but smaller and less comprehensive book is Midwest Federal Frequency Directory. It was published in 1986, and copies are getting scarce. Copies may still be available for $10 from Scan America.

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells the information on PC floppy disks for each state instead.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The DOS access software is somewhat difficult to use and the frequencies are displayed with annoying leading zeroes.

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me.

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)1. Only 12 of the 21 information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau", indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'2.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information is marked 'unclassified', but all fields are furnished, including some which indicate security related usage. Grove sold this set of 33 microfiche cards for about $13.

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

Since the early 1960s, I had been an amateur radio operator, and belonged to amateur radio clubs, but I never realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road
Springfield, OH 45503

Do Your Own Sleuthing

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of

listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

More about sleuthing will be discussed in Part II of this article.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

Part I of this series discussed how scanner enthusiasts can obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

What Makes Station Identification Difficult?

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters. Police and fire departments, especially those with trained radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information.

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto

terminals, it's not uncommon to find Dymo or P-Touch tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I examined a military manpack radio being used by dispensary paramedics. The radio's tuning dial was set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored personnel carriers at the local county fair, each equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM radio had a set of channel select pushbuttons, much like those in a car radio. I asked a guardsman a few questions about the radio, and he demonstrated the channel preset feature. A panel above the channel pushbuttons was labeled with the frequencies: 32.055, 34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at the Marseilles armory "open house". The public was permitted to climb aboard, and observe the instrumentation and radio gear. A channel plate on the instrument cluster listed over a dozen frequencies.

Hobbyists are urged to exercise a modicum of restraint and good judgement. In New Jersey, a radio technician/hobbyist called to service a transmitter in a county building, noticed a new unattended repeater installation in the same room. Being curious about what frequency this repeater was on, he opened the access door to copy the frequencies from the radio's crystals. It turns out that this radio belonged to the US Secret Service, and opening the access door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's permission to tamper with that equipment.

Another source of frequency information is as close as your nearest Radio Shack store. Some Radio Shack stores make a local frequency list available to assist their scanner customers. Be sure to ask. Stores located in shopping malls almost always know the mall security frequencies. I often check the frequencies programmed into the floor model scanners, too.

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

How Can I Determine To Whom I'm Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot easier for me, and legal for them! (one may use FCC license microfiche, described in Part I of this article, to identify stations using call letters.) Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls. A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals

weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center (XYZ is a pseudonym for the actual licensee name.)
Lisle, Illinois

I watched the driver pick up a microphone, and listened to him on my portable scanner checking back with his "base".

All the pieces fit: the "guests", the "classes", the "instructors". Mystery solved; I had been monitoring the customer training center for a large computer manufacturer. The training center has hotel rooms and dining facilities to accommodate students from out of state. As a convenience, shuttle van service is provided to local shopping malls.

Summary

Through books, government records, and radio clubs, scanner listeners can make use of frequency information compiled by others. Two-way radio users often fail to identify their transmissions properly, making it more difficult for listeners to know who they are monitoring. By examining radio equipment labeling, and monitoring and taping transmissions, scanner enthusiasts can unearth new information.

Addresses

Grove Enterprises,
PO Box 98,
140 Dog Branch Road,
Brasstown, NC 28902.
tel (704)837-9200

Official Scanner Guide,
PO Box 712,
Londonderry, NH 03053.

Scan America,
430 Garner Drive,

Suffield, OH 44260-1557

Scanner Master,
PO Box 428,
Newton Highlands, MA 02161.
telephone 1-800-722-6701.

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1. See "The Government Giveth, the Government Taketh Away",
by Richard Prelinger, in Monitoring Times, July 1982.

2. See "AFIO and the FOIA", by Bob Grove, in Monitoring
Times, September 1982.

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1187. Buying a Used Scanner Radio

Newsgroup: rec.radio.scanner
Date: 1994-08-28 14:43:39 UTC
From: parnass@ihlpf.att.com
Message-ID: <Cv928r.ACs@nntpa.cb.att.com>
Source record: 269825
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed August 17, 1994 |

BUYING A USED SCANNER RADIO

by Bob Parnass, AJ9S

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Anybody with enough money can buy a brand new scanner, but you can save lots of money if you get a good deal on a used scanner. Hamfests are probably the best place to find used radios, but you must be familiar with the equipment. Hamfests are repleat with older radios you won't see in today's catalogs.

At last count, there were over 70 scanners and monitor receivers of various brands in my collection. I purchase most of my receivers at hamfests or horsetrade with other radio hobbyists. This article describes a few of the FM receivers in my collection, and is not meant to be complete.

A Used Scanner May be a Broken Scanner

Getting a bargain is not without some risk. I have had sellers look me square in the eye and tell me their radio worked fine -- when it really didn't.

Buying a used portable scanner is riskier than buying a mobile or base model. Portable scanners are subject to more physical abuse and many have been dropped. If a radio has been dropped, the laws of probability dictate that the first point of impact was probably a corner, so be sure to examine each corner for evidence of trauma.

Scanners used in mobile service are subject to vibration, dust, and temperature extremes. This shouldn't dissuade you from buying a used mobile scanner, but be aware of possible complications.

You should have some recourse if the radio you buy turns out to be defective.

If you can't fix the radio yourself, you can pay to have the manufacturer or a service clinic repair it for you. Several people have been pleased with Electronic Repair Center, in Franklin Park, IL, which repairs scanners for a flat fee. Call them at (708)455-5105 to find out their current rates. G & G Communications (telephone 716-768-8151) is another scanner repair company. This family owned company repairs scanners and stocks parts for several older models. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Evolution of the Scanner

It helps to understand some scanner history before shopping for a used scanner. You will likely see radios from many vintages at a hamfest, and should avoid buying early units unless you are a scanner collector.

One of the earliest ancestors to the scanner was the converter. Manufactured by Tompkins (Tuneaverter), Petersen, Bearcat (Lil Tiger), Midland, and others, converters were made to operate in conjunction with AM radios. Then came wide band monitor receivers, in both tunable and crystal control models, like the Radio Shack PRO-2B. Truthfully, converters and tuneable FM receivers are interesting but don't work well by today's standards.

While tuneable receivers were in vogue, solid state technologies supplanted tubes. Better performing, narrow band crystal controlled units, like the Sonar FR-105, followed. These units did not scan, rather channel selection was accomplished using a simple rotary switch. Sonar even made a 24 channel unit, model FR-2513, in which crystals were held in a rotary "turret."

The earliest scanners, like the Bearcat BCH and BCL models, | did not provide individual channel lockout capability. Other models, like the SBE Sentinel, employed a "Channel 1 Bypass" switch so a user could lockout channel 1.

The first scanners came in single band models, followed by multiband models. As two-way radio users started to populate the 450 - 470 MHz band, consumers were forced to pay a premium for UHF scanner coverage. Some multiband scanners, like the Electra's Bearcat III, required an optional circuit board for each band.

There were scanner mutations, designs which never evolved -- odd combinations of AM broadcast receivers with VHF-FM receive capability, like the flamboyant turquoise Sonar Sentry FR-103 portables, Electra's Jolly Roger, and GE's Surveyor series. Lafayette Radio Electronics offered a few CB transceivers with VHF receiver capability. These poor

performers didn't interest consumers of that era and you should avoid these models unless you are a scanner collector.

The first programmable (crystal-less) scanners were difficult to program. Users had to look up frequencies in a code book and tediously program the information into the scanner in binary form. Some models, like the Bearcat BC-101, Radio Shack COMP 100, and Tennelec MCP-1, resembled Altair or PDP-8 computers, with a row of 16 or so toggle switches. Instead of toggle switches, the Regency WHAMO-10 was programmed by breaking teeth from metal combs. The SBE Optiscan (and its Sears clone) required poking a series of holes in plastic cards which were then inserted into a slot on the front panel.

Keyboard Programmable Scanners |

Both Bearcat and Regency, as well as Radio Shack offer some good models. I would avoid the Bearcat 100, and scanners made by AOR, JIL, Fox, Tennelec, and Robyn.

Scanner features often differ not only by model but by manufacturer. For instance, most Radio Shack and Bearcat programmables allow enable/disable of the delay function on a per-channel basis. Older Regency units permit the delay to be enabled/disabled only globally, that is, for all the channels at one time.

Radio Shack scanners contain a reasonable number of features. All the older Radio Shack scanners were made by General Research Electronics (GRE). Uniden began making scanner models for Radio Shack in the late 1980s, and now supplies about half the Radio Shack scanners. The older GRE-made models scan a bit slowly and have a higher level of synthesizer noise. Most have too much hysteresis in the operation of the squelch control, but this can be fixed completely by replacing one resistor. Good, detailed shop manuals are available for Radio Shack units for $5 - $12.

In the name of cost cutting, some models have done away with the concept of a "channel bank", i.e. the ability to select/deselect a group of channels at a time. The bank concept was a good one. It may be inconvenient to operate a 30 channel scanner without banks (e.g. Regency MX3000, HX1000) if you operate the way many scanner hobbyists do.

If you want to buy an American-made scanner, you will have to buy an old model. A few years ago, the Regency and Bearcat scanner lines were purchased by Uniden, a Japanese company, and production was moved to Asia.

My favorite VHF/UHF receivers are the 300 channel Radio Shack PRO-2004, the newer 400 channel PRO-2005 and PRO-2006, and the ICOM R7000 and R7100. The ICOM models are more "communications receiver" than a conventional scanner.

Other favorites include the Bearcat 300 and 760XLT, Regency M400, and the Regency K500 (predates the M400), all of which include a "service search" feature.

For portable use, I prefer the Radio Shack PRO-43 and Uniden/Bearcat 200XLT.

Obtaining Crystals

If you do purchase a crystal controlled scanner or monitor receiver, you will probably want to buy more crystals to cover local frequencies.

Scanner crystals may be ordered from your local Radio Shack store or from one of the companies below. Be sure to specify the operating frequency you want and the brand and model of scanner.

Some companies may ask you to send a schematic of the scanner or require more detailed information, like series or parallel resonance, load capacitance, etc.

American Crystal Co.
1623 Central Ave.
Kansas City, KS 66102
tel. 913-342-5493

Bomar Crystal Company
201 Blackford Ave.
Middlesex, NJ 08846
tel. 908-356-7787

Cal Crystal Lab Inc.
1142 N. Gilbert St.
Anaheim, CA 92801
tel. 714-991-1580

International Crystal Mfg Co.
11 N. Lee Ave
Oklahoma City, OK 73102
tel. 405-236-3741

Jan Crystals
Box #-6017
Fort Myers, FL 33911
tel. 813-936-2397

Monitor Crystal Svc
124 W Walnut St Watseka, IL 60970
tel. 815-432-5296

ICOM

R-7000: At about $1000, this was once the top VHF/UHF receiver. 99 channel, multi mode coverage from 25-2000 MHz with a small gap at 1000-1025 MHz. Memory can be expanded to 198 channels by adding simple switch to pin 19 of memory IC8. Tuning knob lets you tune through parts of the spectrum much easier than using the SEARCH mode on conventional scanners. Selectable USB/LSB allows reception of new amplitude compandored sideband (ACSB) stations. S-meter doubles as discriminator meter to aid tuning. Useful search and store feature, reminiscent of the the Bearcat 250, searches between 2 limits and automatically stores new frequencies into channels 80-99. Audio and control interface for tape recorder. Noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Searches and scans slowly but can be sped up to about 12 cps by adding a resistor. Too big for permanent mobile use, but too nice to leave alone in the car. If you don't want to spend $1000, get a Radio Shack PRO-2004/5/6 instead.

R-7100: At about $1300, this is the Cadillac of VHF/UHF receivers. 900 channel, multi mode continuous coverage from 25-2000 MHz. The radio RF/IF/AF portions of the R7100 are similar to the older R7000, but the R7100 is constructed using surface mount parts. Both the R7000 and R7100 are much more immune to intermod than the Uniden/Bearcat 760XLT and the portable PRO-43. The firmware in the R7100 is much more sophisticated. 9 banks of 100 channels. Further, you can associate each channel with 1 of 10 groups. Many possible ways to scan. 10 pairs of search limits. Search and store ("memory write") scan mode lets you store 100 frequencies instead of the 20 in R7000. Another R7100 improvement is that you can program up to 100 channels for the R7100 to skip while searching. R7100 has 2 VFOs ("windows"). Both the R7000 and R7100 scan slowly compared with PRO-2004 and PRO-2006, and that's a drawback. Both the R7100 and R7000 employ a noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Scanning a mixture of VHF and UHF frequencies serenades the Icom user with a very annoying clickety-clack, clickety-clack!

UNIDEN/Bearcat and Electra/Bearcat

Bearcat III (Electra): 8 channel crystal controlled scanner. Requires optional front-end circuit board for VHF-low, VHF-high, and UHF bands, but only 2 boards can be installed within the radio at the same time. Two crystal filters. No aircraft band coverage nor rescan delay. Front mount speaker sounds good. Strong local oscillator

radiation often causes interference with other scanners in the same house.

Bearcat IV (Electra): 8 channel crystal controlled scanner. Newer version of Bearcat III but has better IF filtering and contains front-end circuitry for VHF-low, VHF-high, and UHF bands. No aircraft band coverage. Three crystal filters. Front mount speaker sounds good. No rescan delay.

Bearcat 12 (Electra): One of the last decent crystal controlled scanners. 10 channels. Variable scan speed up to 20 ch/sec. Single delay on/off switch. Front mount speaker sounds good. Manual contains schematic. Selectivity is poorer than programmable models, like the 300, allowing adjacent channel interference. Covers VHF-low, VHF-high, and UHF bands but no aircraft band coverage. Crystal positions must be arranged by band.

BC101 (Electra): First Bearcat synthesized unit. 16 channels, no priority. Frequency programmed in binary by setting toggle switches on front panel after looking up code in code book. No frequency readout. Uses custom IC for CPU, now discontinued, so factory authorized service is no longer available. I have four of these units. DC operation requires optional mobile power supply.

BC100 (Electra): First programmable portable scanner. Be prepared for at least one repair in the first year. Early units, with threaded antenna connector, have high frequency of repair, particularly LCD readout, keyboard, and battery holder. No battery backup. Poor case design in early units caused battery to disconnect from radio, resetting microprocessor and clearing memories. No priority channel or aircraft band. Some people swear by the BC100, others swear at them.

BC220 (Electra): 20 channels. Reasonable number of features but 20 channels doesn't seem enough. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC20/20 (Electra): A BC220 but with 40 channels. A maximum of 20 channels can be scanned at one time. Reasonable number of features. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC250 (Electra): 50 channel model, rich in features, but lacks aircraft band and 144-146 MHz. Search and Store feature extremely useful for finding federal frequencies. Clock. High frequency of repair. Power transistors not heat sinked adequately, causing heat damage to surrounding

components and circuit board. Failure of Q204 on the feature board known to cause odd display readings. Digital circuitry very sensitive to glitches caused by static and AC line spikes. Avoid 1978 or earlier vintage units. All BC250s use custom ICs (e.g., IC6, a divider chip, mfd. by Exar), which are now discontinued, so factory service is no longer available from Uniden.

BC260 (Electra): Super heavy duty metal cabinetry and lit controls, aimed at mobile use for firemen, police, etc. Few frills, only 16 channels, no aircraft, but generous coverage of federal bands omitted in the older Bearcat scanners. Good sensitivity. Lots of audio. Good internal construction. Backlit keyboard allows operation in the dark, but the keyboards on some units require high pressure to operate. Brightness control for display and keyboard, but multiplexor circuitry for vacuum fluorescent display produces audible whine which may be annoying in a quiet room. Backlighting may fail in some units due to poor contact on connector used to fasten light panel to front circuit board. 9 volt regulator transistor Q28 (TIP29) may fail, causing blank display while leaving audio intact. Method of connecting an external speaker is awkward.

BC300 (Electra): 50 channel top of the line scanner. Service Search feature contains 11 ROM banks of preprogrammed channels. Switching power supply failure noted in early units due to insufficient capacitance - component value was changed in newer units. Schematics show at least 100 components changed between earliest and later units. Preset squelch pot, mounted internally on circuit board, misadjusted in new units - adjustment usually required after burn-in period. Good sensitivity. Built in clock. I leave it on 24 hours a day. This is a favorite.

BC350 (Electra): 50 channels in 5 banks. Includes aircraft. Used to be Bearcat's top of the line, overpriced scanner but never very popular. Dual use keyboard and display allowed 8 text characters to be associated with each channel, a feature clumsily implemented, and awkward to use. Units plagued with various hardware problems including bad memory ICs and short life power transformers. Firmware bugs without cures. The BC300 is a much better scanner than the BC350, and at a lower price.

800XLT (Uniden): 40 channels in two banks. Covers 806-912 MHz, as well as of vhf, uhf, and aircraft bands. Receives 10 meter fm and all of 6 meters, as well as federal portions of vhf and uhf bands. Fewer birdies on vhf-lo band than other scanners. Scans and searches very fast.

Clean, robust audio output. Extremely sensitive, but very prone to overload by strong signals when connected to outdoor antenna. Too much play (hysteresis) in squelch adjustment - can be improved by changing one resistor. Positive terminal in memory backup battery holder installed backwards in early units, allowing memory loss when scanner unplugged from AC outlet. Tunes in increments of 12.5 KHz on 800 MHz band, whereas cellular telephones are on 30 KHz channels.

BC100XLT (Uniden): Excellent 100 channel portable with 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Generous coverage of conventional bands, including commercial aircraft, but no 800 MHz. Decent leather-like case. Slide-on 550 mAH NiCd battery pack.

BC200XLT (Uniden): Excellent 200 channel version of BC100XLT portable scanner but includes 800 MHz band. 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Decent leather-like case. Slide-on NiCd battery pack.

Regency

TMR series: First generation crystal scanners. Come in all varieties of band coverage. Models with both UHF and VHF bands must use separate antennas for each band (disadvantage in mobile installations, but can be overcome by connecting two front ends via a capacitor). Not sensitive enough to cover the entire 30 - 50 MHz range in a single model. There three versions of VHF-low band coverage depending on the part of the 30 - 50 MHz band covered (LL, LM. and LH). TMR scanners use unsocketed incandescent bulbs for channel indicators which require periodic replacement. Easy to crystal: Radio Shack crystals work well. TMRs usually $2 and up at hamfests, | often in poor condition. Don't pay more than $50, even if mint. Front ends must be tuned for selected portions within the bands for best sensitivity. Wide IF selectivity troublesome in urban/suburban areas. Primitive digital scanning circuitry may become confused at times. but power off/on restores sanity. Replace aging capacitors in the scanning circuits. You can find a TMR8H eight channel high band unit most often.

TME series: The base versions of the TMR models. Both the TME and TMR models share many common circuits but the base versions contain speakers mounted on the front panel. The most common TME model is the TME8 H/LM eight channel dual band scanner in a metal cabinet with wood coloring.

ACTR series: Replaced the Regency TMR units. By the time Regency made the ACTR units, they no longer offered different models for different parts of the 30 - 50 MHz band. Look for the later ACT series, e.g., ACTR-106 (10 channel tri band) or ACTR20/6 (20 channel tri band), used light emitting diodes for channel indicators instead of incandescent bulbs. Available in 1 to 20 channel models - most are multi band receivers. Somewhat wide selectivity. Not all that bad a deal if cheap.

ACTE series: The base versions of the ACTR series. The ACTE and ACTR circuitry is similar, although the base versions contain speakers mounted on the front panel. The most common ACTE model is the ACTE8 H/L eight channel dual band scanner in a black metal cabinet.

WHAMO-10: Regency's first synthesized scanner. Appearance more like a crystal scanner, with a single LED per channel. User has to break off teeth on a metal 'comb' for each channel according to a code book. External frequency control unit DFS-5K optional. UHF VCO reference oscillator drifts on some units. Soldered sheet metal shields around some circuitry make access to some components difficult for servicing. Comb sockets prone to bad connections after moderate use. Not recommended due to maintenance difficulties.

K500: Nice wood-like cabinet. 40 channel model with every feature Regency could dream of in one scanner, except aircraft band. Idle tone bypass feature for mobile phone stations works about 50% of the time. Weather alert feature. Service Search in several banks. Search and Store facility not implemented as well as BC250, but better than none. Built in clock when radio off or in manual mode. Can be programmed out of band. Reasonable performance, but sensitivity could be better. Spring contacts on membrane keyboard may need soldering after prolonged use.

K100: Bare bones version of the K500. 10 channels, no priority feature. Same wood-like cabinet and reasonable performance as K500. Spring contacts on membrane keyboard may need soldering after prolonged use.

M400: 30 channel replacement for K500. Service Search, but no aircraft. Easily programmable out of band. Built in clock when radio off or in manual mode. Backlit keyboard good for night viewing and mobile use but generates RFI into nearby SW receivers. A favorite.

MX3000: 30 channel replacement for M400, but basic features only. Nice lit keyboard, but may cause RFI into nearby SW receivers. Easily programmable out of band, but no aircraft. All 30 channels are in a single bank, and lack of

direct channel access make this model more difficult to operate. Good first scanner.

M100: 10 channel unit. Same as MX3000 except different color and fewer channels. Nicely lit keyboard, but may cause RFI into nearby SW receivers.

HX1000: Good, fairly rugged, 30 channel handheld synthesized unit. Generous out of band coverage but no AM aircraft coverage. Built by Azden. Very sensitive on UHF, but annoying audio hiss leaks through speaker when squelched. Belt clip chintzy, but can be directly replaced with better clip from Kenwood TR2600A. Like the MX3000, all 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Low discount price makes this best choice for programmable portable.

HX650/H604: 6 channel crystal portable. Likely made by Sanyo. Same as Fannon and Bearcat Thin Scan units, (except that Bearcat has 10.8 MHz IF frequency, and is harder to get crystals for), but scans faster. Small size and common crystals (available at Radio Shack), make this 1st choice for bare bones portable scanner.

Radio Shack

PRO2004: Top of the line, wide band scanner for 1987. After a diode is cut, enjoy continuous coverage from 25-520 and 760-1300 MHz, AM, NBFM, and WBFM. Has 300 channels in 10 banks of 30, backed up by conventional 9 volt alkaline battery. Any channel can be designated the priority channel. Scans and searches fast. Lots of well designed features, like 10 pairs of search limits, Lockout Review, default search increment and emission mode. Sound Squelch allows skipping dead carriers during search or scan. Metal cabinet, good internal construction and shielding, but no mobile mounting bracket or DC power cord. Soft touch membrane keyboard. Good sensitivity and selectivity. Very good radio.

PRO2005: Radio Shack's top of the line scanner for 1989 and scanner of choice. Essentially a size reduced PRO-2004 with surface mount components and 400 channels. Some people think the small knobs, smaller display, and plastic cabinet are a setback from the 2004. The smaller size, real rubber keyboard, and vertical front panel make it easer to use mobile, although there is no mobile mounting bracket available and the keyboard is not backlit. More sensitive than the PRO-2004 but 800 MHz signals leak through into the commercial aero band. Highly recommended.

PRO2006: Radio Shack's 1994 top of the line scanner. Essentially the same as PRO-2005 but scans faster. Probably the best scanner made to date. Highly recommended.

PRO34: Portable scanner with 200 channels and 800 MHz coverage. Ten "monitor" channels. Operates from AA cells. Slow scanning, low audio output, and chintzy plastic case detract from an otherwise good performance. No decent leather case available from Radio Shack. If you need a portable with 800 MHz, get a Bearcat 200XLT. If you can't get a 200XLT, get a PRO-34.

PRO2021: Base/mobile scanner. 200 channels in 10 banks, LCD display and raised rubber keys. Lots of memory but scans too slowly and lacks 800 MHz. Ten "monitor" channels. Radio Shack seemed to have an overstock of 2021s as they were on sale for such a long time. Close out price dipped to about $200, which made it a nice scanner for beginners.

PRO2001: Early, single bank 16 channel programmable. Reasonable coverage of the 3 traditional bands, minus aircraft band. LED digital display as well as an LED per channel. Mechanical lockout switch for each channel. Delay is either on or off for all channels at a time. High synthesizer noise level. Troublesome plated through holes on digital board in some units renders radio virtually unfixable. Could never get mine to work more than a few days in a row; always another bad connection. Some owners have no trouble.

PRO52: 8 channel VHF-Lo/Hi base unit. No UHF band or provision for mobile operation. Good little scanner despite limited frequency coverage and Spartan lack of frills. Crisp squelch action and good audio, helped by a front mounted, vertical speaker.

PRO2003: Radio Shack's 1986 top of line. 50 channels + 10 FM commercial broadcast band channels. Includes aircraft. Good frequency coverage and functionality, but at a high price. Poor human engineering: difficult to read keyboard makes the PRO2003 hard to operate unless in a well lit room. Keyboard label coloring improved on newer units. Rather slow scan rate and high price. Although there are provisions for 12VDC operation, the cabinet shape and lack of mounting bracket makes mobile operation impractical. Scan rate only 8 channels/sec vs. 15/sec in Regency and Bearcat. Causes RFI: Plastic case permits scanner to radiate signals into nearby receivers.

PRO30: 16 channel programmable portable with aircraft band. Good frequency coverage. Extra controls on top allow

control of SCAN, MANUAL, and PRIORITY functions while worn on belt. Good belt clip. Low audio output. Plastic case prone to break at BNC antenna connector under severe use, vs. metal frame in Regency HX1000. High price, no discounts or sales yet. I had 6 or 7 PRO30s, having to return them several times during the 1 year warranty, although other owners have had little or no trouble. Troubles included oscillation in IF stage, no UHF band reception, case broken around base of antenna connector, etc.

PRO24: Only 4 channels in this crystal controlled portable. Covers the three basic bands, but no aircraft. Easy to obtain batteries and crystals. Characteristic Radio Shack squelch problem, fixable by changing one resistor. All-plastic case larger than Bearcat Thin Scan and clones.

Craig (division of Pioneer)

4530: Japanese 10 channel crystal controlled 3 band unit. Also available under Plectron name but in different cabinet. No aircraft band. Deluxe features like priority, trimmer capacitors for netting each channel, front panel speaker, and rugged metal cabinet make this unit a winner. Channel lockout slide switches have finite life. Replacing burned out incandescent channel lamps not fun. Grab a 4530 if you find one in good condition.

Sonar:

Sonar made several crystal controlled scanners and channelized monitor receivers which shared the same RF circuitry. Each radio was housed in the same size metal case and worked on both 120 VAC and 12 VDC. The models differed in the number of channels, the band coverage, and whether individual channels could be locked out.

Although they used a 10.7 MHz first IF, Sonar radios require parallel resonant crystals different from the | common series resonant crystals used in Regency and Radio Shack scanners. Some Radio Shack crystals will work in | Sonar units, but more often they oscillate a few kHz off frequency and are unsuitable unless changes are made to the oscillator circuitry. Therefore, beginners should avoid these radios. Typical Sonar squelch has long time constant causing a long noise burst at the end of each transmission.

FR-104, FR-105: 6 channel monitor receivers covering 25 - 50 MHz or 150 - 175 MHz. Manual channel selection, i.e., no scanning. Early models are identified by an 11 pin connector on the rear and they could be used with an optional NiCd battery pack and charger which bolted to the

rear panel. Later models used Cinch Jones connectors with flat contacts. Optional tone decoder board.

FR-2512, FR-2513: 24 channel versions of the FR-104 and FR-105 monitor receivers. Manual channel selection, i.e., no scanning.

FR-2514, FR-2515: 8 channel scanners. Channel 1 priority. Recommend you avoid these models as there is no way to lockout a channel from the scan sequence.

FR-2526, FR-2526, FR-2528: 10 channel scanners covering various combinations of 3 bands. Each channel could be locked out. Channel 1 priority.

Sonar Model	#chan- nels	VHF low	VHF high	UHF scans?	lock- outs?
FR104	6	X			no
FR105	6	X			no
FR2512	24	X			no
FR2513	24	X			no
FR2514	8	X		yes	no
FR2515	8	X		yes	no
FR2526	10	X		yes	yes
FR2526	10	X	X	yes	yes
FR2528	10	X	X	yes	yes

Table 1. Summary of Sonar base/mobile monitor and scanner receivers

Tennelec

Manufactured the first synthesized scanners. Company went out of business several years ago. Schematics and parts difficult to obtain. Radios reputed to be poor performers. Got my MS-2 and MCP-1 basket cases for free and sometimes regret taking them. Not worth fixing unless you have access to DTL/RTL chips and circuit diagrams.

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1188. Repair Tips For Bearcat S

Newsgroup: rec.radio.scanner
Date: 1994-08-28 14:46:00 UTC
From: PARNASS@IHLPF.ATT.COM
Message-ID: <93.734.7592.0NFB2F81@IHLPF.ATT.COM>
Source record: 269572

Message-ID: <Cv92Cy.AE9@nntpa.cb.att.com>
Newsgroup: rec.radio.scanner,alt.radio.scanner,rec.radio.info
sci.electronics.repair
Organization: AT&T Bell Laboratories, Naperville, IL

Last changed: July 12, 1994 |

REPAIR TIPS: BEARCAT SCANNER RADIOS |

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Introduction |

The original Bearcat scanner line was manufactured by |
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Most of the models discussed in this article are |
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manufacturing date code on the rear of the cabinet. The |
code is comprised of a single character (C = Cumberland, |
Indiana, P = Puerto Rico), followed by four digits denoting |
year and week the radio was built. For example, "P8422" |
denotes the radio was made in the Puerto Rico factory |
during the 22nd week of 1984.

Schematics and Parts Available |

Schematic diagrams may be obtained from Uniden/Bearcat's |
parts department, (317)842-2483. |

G & G Communications (telephone 716-768-8151) is a family |
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Electronic Repair Centers in Franklin Park, Illinois |
(telephone 708-455-5105) has been repairing Bearcat |
scanners for several years. They charge a flat $45 repair |
rate for programmable and $30 for crystal scanners, and |

shipping is extra. Electronic Repair Centers will fix | Regency scanners if they can obtain the parts. |

Bad Solder Joints Common

Before addressing specific symptoms, circuit boards in the malfunctioning scanner should be inspected for poor solder joints.

The Electra/Bearcat BC350, BC300, BC250, BC220, BC20/20, | BC211, BC210, and BC210XL models were hand assembled, and every one I've serviced had several connections that were either soldered poorly, or not soldered at all.

Resoldering joints on the ribbon cable connecting the RF and keyboard logic circuit boards in a BC250 attenuated the microprocessor/synthesizer hash noise noticeably.

A Bearcat 20/20 was experiencing periodic loss of memory on some, but not all channels. When the problem occurred, the frequencies on some channels would be completely changed. On other channels, the frequency would still be intact, but the channel would be locked out, and the delay toggled from "on" to "off". Some channels were not affected.

The 2 "AA" memory backup batteries, and their holder, tested good. Much time was spent tracing logic, heating and cooling components, and making voltage measurements.

One of the secondary leads from the power transformer was connected to the main circuit board through a hole drilled through foil traces on both the top and bottom sides of the board. A close examination revealed that this lead had been soldered only on the top of the board - the bottom side had never been soldered.

Soldering the lead on both sides of the board solved the memory loss problem. |

Symptom: Blank Display

The BC300 scanner, and several other Bearcat models, employ a switching type power supply stage to generate plus and minus voltages in excess of 20 volts DC. When this switcher fails to function, the display goes blank, but the squelch control appears to work, and white noise can be heard in the speaker.

In two of the BC300 scanners I've fixed, C98, a capacitor in series with the primary of the switching transformer | failed, causing the output of the supply to drop below the | level needed to power the display. The switching transformer is mounted on the RF circuit board, and is much, much smaller than the main power transformer, which

is usually fastened to the metal chassis. The 22uF/16V *
capacitor used for C98 in early BC300s was marginal, and
was replaced with a 47uF/25V capacitor in later units.

I recently replaced the 22 uF capacitor in the switching
power supply stage of a BC210XL which caused the same
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A more sinister problem affects the switcher in earlier
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IC is no longer available from Uniden. |

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A common Bearcat 250 malady is manifested by an invalid
frequency displayed on the readout. This condition is
temporarily "cured" by unplugging the AC line cord from the
wall, then replugging it. This condition is symptomatic of
a power supply problem in which Q204, a Texas Instruments
TIP-29 located on the feature circuit board, fails.

A Philips ECG291 will work as a substitute for the TIP-29. |
Don't try a Radio Shack substitute, it hasn't worked. See
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If your scanner is completely dead, check the primary of this transformer for an open circuit condition. |

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After much use, the Chromerics keyboards in Bearcat scanners start to wear out. The first sign of trouble is usually keyboard bounce on the most frequently used key, | e.g., the MANUAL key. Replacement keyboards are usually available from UNIDEN, but replacement requires dexterity, as one must take care not to tear the flat, flexible strip connecting the keyboard to the logic board. |

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Other Problems

Complaints of low audio output and occasional microphonics | in a Uniden/Bearcat 800XLT was caused by a bad 47 ufd electrolytic capacitor in series between the external speaker jack and audio amplifier.

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--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

1189. Repair Tips for Bearcat Scanner Radios

Newsgroup: rec.radio.scanner
Date: 1994-08-28 14:46:10 UTC
From: parnass@ihlpf.att.com
Message-ID: <Cv92Cy.AE9@nntpa.cb.att.com>
Source record: 269826
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info,sci.electronics.repair

Last changed: July 12, 1994 |

REPAIR TIPS: BEARCAT SCANNER RADIOS |

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1190. Re: Motorola radio software? where?

Newsgroup: rec.radio.scanner
Date: 1994-08-28 14:55:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.7521.5773.0N1AC73C@canrem.com>
Source record: 269830

Ab> Anybody know where a guy can find the Motherola software to program
Ab> Sabres and Jedi's and such. I've looked, don't think I haven't looked.
Ab> Thank you for your attenton.
Ab> Matthew D.

Why don't you give Motorola a call, I'm sure they'd sell you the software?
Be aware that Motorola software is copyrighted and you must purchase it
to use it. Any other versions floating around are pirated. Motorola
software is also not very cheap. Your probably looking at a couple of
hundred dollars to buy it. You'll also need a RIB box and cables for
the radio you want to program. These are available from 3rd party
sources.

Cheers,

Steve Jones <steve.jones@canrem.com>
(PGP public key available)

* Q-Blue 1.0 [NR] *

1191. Re: Emission designators?

Newsgroup: rec.radio.scanner
Date: 1994-08-28 14:59:55 UTC
From: milcom@netcom.com
Message-ID: <milcomCv92zv.E95@netcom.com>
Source record: 269827

Lee Reynolds (lee@tosspot.sv.com) wrote:
: Hi!

: Can anyone out there give me the simple names for the modes
: designated:
note that emissions with one in the mididle are unmodulated carriers
(shifted in freq or amp.), as opposed to the "two" being something modulated
with tone.

: A2A double sideband AM Modulated CW
: A2D single channel digital data modulating double sideband AM
: A7W two or more digital channels modulating double sideband AM
: C3F vegistal sideband analog television
: F1B FM single channel digital telegraphy for automatic receiption
: F1D FM single channel digital data, telemetry or telecommand
: F1E FM single channel digital telephony/sound broadcast
: F2D FM single channel digital modulated data, telemetry or telecommand
: F3A FM analog telegraphy for aural reception
: F3 FM analog
: F3F FM analog television
: F7W FM two or more digital channels containing digital, tv, &/or phone
: F8W FM two or more analog channels containing digital, tv, &/or phone
: F9 FM composite digital & analog
: F9W FM composite digital & analog containing digital, tv, &/or phone
: G1D Phase modulation single channel data, telemetry or telecommand
: G7W Phase modulation two or more digital channels containing digital,
tv &/or phone
: N0N unmodulated carrier containg no information
: P0N sequence of unmodulated pulses containg no information
: XXA spread spectrum telegraphy for aural reception

: I have a photocopied page that shows you how to break these things out,
: but the definitions it'll give you are NOT user friendly. So, if anyone
: can provide the simple terms for each of these modes I'd be grateful.

: Please email me at lee@tosspot.sv.com.
: Thanks,
: Lee.
--
POP: Persistant Online Procrastination milcom@netcom.com

1192. Re: The scoop on GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-28 15:02:22 UTC
From: af546@yfn.ysu.edu
Message-ID: <33q8tu$kdi@news.ysu.edu>
Source record: 269828

It is permissable to have each and every employee be individually licensed on GMRS for a smaall business establishment! It is not a cost effective method for larger companies with larger employee base.

There is no law in the GMRS Rules that states that I can't license each and every employee of small businesses to use my repeater. PERIOD.

We are not talking cab companies or delivery services here......

The personal user base on my repeater does not even come close to paying the maintenance and tower costs. So therefore the users who use business use on the "machine" offset most of the cost.

This method is even approved by the Personal Radio Steering Group which is the official lobbyist group to the FCC for GMRS.

You seem to have me mistaken for one who puts a company name on the applicant license form. I'm not that stupid enough to loose the app fee.

By the way.....my personal users get along with my business users and vice versa along with other users on the channel nearby QUITE WELL!

Tony Rossi
T O P Communications
--

1193. Re: The scoop on GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-28 15:14:54 UTC
From: af546@yfn.ysu.edu
Message-ID: <33q9le$kmr@news.ysu.edu>
Source record: 269829

Furthermore, out of 14 personal users and 16 business users......
50 percent (yes 8 business users) have been around long enough to be
grandfathered. Now thats in metro Cincinnati on one frequency pair.

I got the statistics on the others both here in Cincinnati and Dayton.

Should I go on?

Personal users CAN NOT for the norm support a money guzzling repeater
that incurrs major expense for great distances. Many even are much later
in paying their support where as business individual users have the
company pay their share of usage because they can't do without it
--

1194. PRO51 vs BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-08-28 16:52:51 UTC
From: twise@shell.portal.com
Message-ID: <33qfd3$2j7@news1.shell>
Source record: 269831

I want to either get a PRO51 or a BC200XLT, but they seem very similar...
any suggestions as to which to get?

I am specifically interested in the ability to run them off 12v DC i.e. in
my car.

Thanks,
Travis
KB8FOU
--

Travis A. Wise
Assistant Manager, Photo Drive Up Voice Mail/Pager: (408) 383-8570
Freshman, San Jose State University

1195. Re: *** T R I G G E R F I S H ***

Newsgroup: rec.radio.scanner
Date: 1994-08-28 16:54:40 UTC
From: zarnoff@us.net
Message-ID: <zarnoff.24.002740EA@us.net>
Source record: 269636
Cross-posted to: alt.2600,rec.radio.scanner,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk,dc.media

>Glen Roberts (glr@ripco.com) wrote:

>: P A I D A D V E R T I S E M E N T*1

>: You Can Invade Privacy!

>: It is quick and easy with our Illegal Wiretapping equipment!

Ronald Austin (raustin@nyx.cs.du.edu) wrote:
>I have seen the ad reprinted in Full DIsclosure 28 and it seems to me
>that Harris Co. is making a misrepresentation. It seems like such a
>device would only work over a very small area (the area no greater than
>the distance between any two cellsites that are using the same
>broadcast freq). Further, within that area, unless all of the control
>channels were being monitored, a person using a cellular would have
>toppass within that particular cell to be monitored. So if someone was
>several miles away the device would be useless. In LA one would have
>to have dozens of the units scattered throughout the city just to have
>a high degree of probability of hearing most of a person's calls. Further,
>they advertise that the device sees what a person is calling. I suppose if
>you happened to pass within a few blocks of the person when they initiated
>their calls, you might get the DNR list they advertise. But for the most
>part I think it would be useless for this purpose unless the cops were
>goint to use it on a stakeout. Yet the ads make it seem as if it is
>the cellular equivalent of a tap on a landline phone and this is just
>not technologically possible. The real gall is when Harris suggests that
>increased forfeitures of suspects assets will more than pay for the cost
>of the unit.
>RMA

Uh, I think that was meant as a joke Ron.

1196. Short Wave on the Pro-51?

Newsgroup: rec.radio.scanner
Date: 1994-08-28 17:14:04 UTC
From: szabielski@aol.com
Message-ID: <33qgks$rs3@search01.news.aol.com>
Source record: 269832

Is there any way to modify the Pro-51 so that it can pick up short wave?
If so, please e-mail me a SZabielski@AOL.com

Thanks in advance,

Scott

1197. Re: Park Service radio frequencies (CO,WY,SD) wanted

Newsgroup: rec.radio.scanner
Date: 1994-08-28 17:54:01 UTC
From: dennis1105@aol.com
Message-ID: <33qivp$se2@search01.news.aol.com>
Source record: 269834

In article <Cun1q1.E7A@nntpa.cb.att.com>, rma@clockwise.mh.att.com (Robert M Atkins) writes:

Robert,
Go to ANY Radio Shack store and ask for the "Beyong Police Call" book. The 1st edition just came out a few months ago. It covers ski areas, casinos, park service, private investigators, stadiums, movie crews, mall security, sports events, amusement parks.....get the picture?

1198. Re: Can somone help me out?

Newsgroup: rec.radio.scanner
Date: 1994-08-28 18:03:33 UTC
From: kipt@ripco.com
Message-ID: <Cv9BHx.B3t@rci.ripco.com>
Source record: 269835

please ignore the previous post. i now have my pro-43 at hand. thanks for all
of you who replied. i really appreciate it.
Scan Away,
Ed

1199. NESN MERGE WITH NATIONAL SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-08-28 19:41:47 UTC
From: dra@pipeline.com
Message-ID: <33qp9r$fm4@pipe1.pipeline.com>
Source record: 269836

Got letter from Les Mattson, head of NortEast Scanning News dated August 17th announcing that "NESN is going nationwide." Effective with September issue, NESN will be part of "National Scanner" (formerly the National Scanning Report." NESN will be responsible for all east coast coverage in the magazine, from Maine to Florida.

Current NESN members will be converted over to the National Scanning mailing list; those who already subscribe to both will have their subs extended proportionately.

Judging from some strange items in past couple issues of NESN, it looked like they were in trouble and possibly on the verge of going out of existence. Now, it appears they're no longer a 'club' (I an /was?/ member NYNY01), and are becoming part of a commercial publication. I've known "National Scanning Report" editor Larry Miller for quite a number of years...and subscribed/contributed to some of his past publications which went out of business. I subscribed to National Scanning Report, and it suddenly just stopped arriving. It was not considered a major loss; it was awful amaterurish for a commercial publication which appeared, to me at least, to be subsidized by Bearcat.

Comments?

<<DRA>>

1200. Re: For cops who dont like scanners:READ!]

Newsgroup: rec.radio.scanner
Date: 1994-08-28 19:59:17 UTC
From: adam@rangr.stat.com
Message-ID: <iX8RRc1w165w@rangr.stat.com>
Source record: 269682

plaws@comp..uark.edu (Peter Laws) writes:

> dj1@vax1.mankato.msus.edu (SEAN R. STEPANEK) writes:
>
> <...>
>
> >prohibiting scanners in a mobile enviroment. (I detest these laws!!) So, ou
> >department came up with the next best thing... we activated EVERY fire, poli
> >and EMT pager in the city... said there was a hugh accident at the fair grou
> >and drove every emergency vehicle out there. Made for a neat parade with ca
> >intermixed with the fire trucks. When everybody got into the fair grounds,
> >shut the gate, and the only way to get out was to get a ticket for interferi
>
> <...>

My question is really very basic.Who paid for this activty?And who
authorized the funds to pay for this activity?If I were a taxpayer
in your district I would certainly be OUTRAGED at this WASTE of
public funds.I bet there are many more usefull purposes you could
have found for the funds,such as equipment purchases,training,and
equipment maintenence.My feelings right now are the chiefs of any of the
represented agencies should at the very least,resign,and at the most
face criminal prosecution for improper use of funds if they were
aware of this activity ahead of time!Perhaps some investigation of this
activity is in order!

---
internet: adam@rangr.stat.com

1201. Re: tracing clell-phone calls

Newsgroup: rec.radio.scanner
Date: 1994-08-28 20:06:28 UTC
From: af546@yfn.ysu.edu
Message-ID: <33qqo4$qkn@news.ysu.edu>
Source record: 269837

Articles on the abundant of disconnected cell phones out there have gone into detail of interviewing used car dealers TO FIND OUT HOW MANY CELL PHONES WERE LEFT IN VEHICLES TRADED IN. Interviews show the customer did not want to incur the cost of switching over the phone to their new car. Dealers had so many cell phones laying around that after giving them out to their friends and family, they found individuals willing to buy them at bulk just by calling them up.

I would not invest in any CD ROM that carried this amount of inaccuracy especially after seeing the many gimmicks used just to get cell phones in the publics hands
--

1202. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-28 20:24:04 UTC
From: raoul@athena.mit.edu
Message-ID: <RAOUL.94Aug28162416@vongole.mit.edu>
Source record: 269838
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

In article <Cv5wrM.7E3@cbnewsh.cb.att.com> wcs@cbnewsh.cb.att.com (bill.stewart@pleasantonca.ncr.com) writes:

Glad they've stopped. Another approach you could take, BTW, is to find out the cop's name, and call his *wife* and ask if she knows why her husband is doing that sort of thing to innocent people (if he's married). It's a bit hostile, but he's apparently not the type who feels strongly about personal privacy...

Are you *wacked*? Any attempt to pull this sort of harassment of a cop's family can not only get you slapped with a restraining order *very* fast, it's not fair to her, and the other cops on the force will also hate your guts for harassing his family.

Now, a nice letter from your lawyer and sent to the local newspaper with dates, times, and places of his activities is another story.

Nico Garcia
raoul@athena.mit.edu

1203. Re: tracing clell-phone calls

Newsgroup: rec.radio.scanner
Date: 1994-08-28 22:28:55 UTC
From: linley@netcom.com
Message-ID: <linleyCv9ns7.38o@netcom.com>
Source record: 269841

In ye olden post hemmings@Violet.CCIT.Arizona.EDU spake...
>
>*** beep *** wrong. Not only can they read off your phone's
>ID, but there is a national database on CD-ROM that identifies
>the OWNER of EVERY SINGLE CELLPHONE NUMBER ISSUED. As a matter
>of fact, and strange as it may seem, there's also a ROM of all
>the non-issued numbers, too. So, only a 'stolen' phone won't
>lead right back to it's user.

Gee, I guess all those cell phones I see for sale at garage sales, thrift stores, and flea markets, and in the classifieds, must somehow scan my DNA so that the ESN is automagically re-registered to me. So until, manditory gun^H^H^H cellphone registration comes to light, unactivated phones cannot be traced to anyone. Period.

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur radio: KE6EQZ
=-=-=-=-=-=-=-=-=-=-=-= "This is glue. Strong stuff." =-=-=-=-=-=-=-=-=-=-=-=

1204. Pro 43 with 3A3 in Battery Case

Newsgroup: rec.radio.scanner
Date: 1994-08-28 23:46:46 UTC
From: elinskey@crl.com
Message-ID: <33r7l6$kkg@crl6.crl.com>
Source record: 269842

Found one in a local Ratshack. Thought that was the important item
to check for. Not sure now. Comments or E-Mail appreciated. (They're
holding it for me.)
Thanks
Ed. Linskey
elinskey@crl.com

1205. Re: Mobile scanners ban: What states?

Newsgroup: rec.radio.scanner
Date: 1994-08-29 00:20:23 UTC
From: jeang@freenet.vancouver.bc.ca
Message-ID: <33r9k7$l2i@freenet.vancouver.bc.ca>
Source record: 269843

Got the answer. For anyone interested, FL,IN,KT,MI,MN,NY.

Jean Gagnon (jeang@freenet.vancouver.bc.ca) wrote:
: Could anyone provide a list of the states where having a scanner in a car
: is illegal? I heard about NY, any others?

1206. DC-2Ghz Preamps: Any experiencece with MAR-x?

Newsgroup: rec.radio.scanner
Date: 1994-08-29 00:29:43 UTC
From: jeang@freenet.vancouver.bc.ca
Message-ID: <33ra5n$l2i@freenet.vancouver.bc.ca>
Source record: 269844

I am new to the scanner arena, and just found an interesting article in Popular Electronics, June 1993. An MMIC, the MAR-x (1<=x<=8) gives a gain of 15-30 db for under $20 for the IC. It is also pretty simple to assemble since it has 4 connections and requires only 5 external components to operate. That thing does 0-2 Mhz!!! Anyone has any experience with that IC? Any other viable alternative?

Thanks!

1207. Scanners in Canada?

Newsgroup: rec.radio.scanner
Date: 1994-08-29 00:30:03 UTC
From: kbaser@rain.org
Message-ID: <33ra6b$bgq@rain.org>
Source record: 269852

Are there any problems taking a hand-held scanner into BC. I'm going to the Indy race and want to use it there. In particular, do the Canadian border people have any restrictions?

1208. Need freq for Hershey and Dorney parks?

Newsgroup: rec.radio.scanner
Date: 1994-08-29 01:29:36 UTC
From: ss@JH.Org
Message-ID: <33rdm0$ims@snoopy.jh.org>
Source record: 269849

I guess the subject says it all. Hershey or Dorney parks in
PA must have internal communications, does anyone know the freqs?

TIA

Steve
--
%%%

1209. Re: RADSHACK PRO-2006 SALE $359.98 - Grab one now!

Newsgroup: rec.radio.scanner
Date: 1994-08-29 01:37:10 UTC
From: chrism7204@aol.com
Message-ID: <33re46$7vu@search01.news.aol.com>
Source record: 269848
Body handling: HTML body converted to readable text

In article <336j52$5qt@shore.shore.net>, mc@shore.shore.net (Michael Crestohl) writes:

Yea I snagged one today, also. Had to call 5 Shacks before I could find one that had it in stock and the one I bought was the last one this particular store had. I'm in the North Atlanta area BTW. Better get 'em while you can!

Chris

1210. Re: Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-08-29 01:47:41 UTC
From: davidm@iglou.com
Message-ID: <zuJOkK7gXb5D071yn@iglou.com>
Source record: 269776

In article <33nv77$eud@nic-nac.CSU.net>,
g9153402@huey.csun.edu (Berton Corson) wrote:

> But, alas, if you use a freeway callbox, or call the CHP through 911, in
> California if you say your car has broken down, and then you say you're
> an Auto Club member, they will automatically forward your call to the
> AAA from the CHP operator, so you can talk to them...
> So the CHP = AAA over here.

The government offices involved here have discussed doing the same thing
in Jefferson County...only problem is the call boxes keep "sprouting legs!"

David
davidm@iglou.com

1211. Re: MT Atlanta 1994

Newsgroup: rec.radio.scanner
Date: 1994-08-29 01:48:10 UTC
From: edginsf@aol.com
Message-ID: <33reoq$85v@search01.news.aol.com>
Source record: 269850

In article <PsLmRc1w165w@tosspot.sv.com>, lee@tosspot.sv.com (Lee Reynolds) writes:So, any of my fellow "scanner scum" going, apart from me?

I'm not willing to apply the SS label to myself, but I know of about a half dozen members of BASE that will be attendning, including myself.

See you there,

Edward
BASE 801

1212. Could Someone repost the pro-51 hardware mod?

Newsgroup: rec.radio.scanner
Date: 1994-08-29 01:53:37 UTC
From: bendover@delphi.com
Message-ID: <Z+0TWqB.bendover@delphi.com>
Source record: 269845

Could someone please repiost the hardware mod for the pro-51, or any hardware mods if you don't have the 800mhz..

1213. Re: For Sale : Realistic Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-08-29 02:09:05 UTC
From: shawn4sk1@aol.com
Message-ID: <33rg01$8hq@search01.news.aol.com>
Source record: 269851

In article <1994Aug28.095421.1@cad3.uccb.ns.ca>, rling@cad3.uccb.ns.ca writes that he has a 2006 for approx $395 US Dollars.

SO responds: They're selling over here for $345 US Dollars- Radio Shack's price. Come down a little bit and you'll probably sell it... :-)

Shawn4SK1

1214. Re: MT -- IT GETS WORSE!

Newsgroup: rec.radio.scanner
Date: 1994-08-29 02:14:07 UTC
From: edginsf@aol.com
Message-ID: <33rg9f$8kh@search01.news.aol.com>
Source record: 269853

Steven,

Bob doesn't say whether HE is one of the retailers that complained. HE DID allow the ad for Atlantic to be printed in MT. He couldn't open an office in Canada for selling the radios, unless he was willing to close all of his US operations, or else it would still be a US company or parent company that was breaking the law.

Sure Bob has published some info about the Pro2006 that didn't pan out, and has used the hard sell on the modifiables, but you said yourself that you got a lot of mail from folks about cell capable units. It sounds like he was just making the best out of a situation he himself says is bad.(the so called privacy laws.)

Reread the article again, and if it still reads the same to you, then I don't see what the BS you claim exists, is all about. If you have nifo to the effect that Bob or Grove is one of the retailers that complained to the FCC or Customs, please share it.

Edward

1215. No more ALT.RADIO.SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-08-29 02:18:06 UTC
From: shawn4sk1@aol.com
Message-ID: <33rggu$8nj@search01.news.aol.com>
Source record: 269854

I know this has been debated about before and I'll probably get myself flamed to death before it's all over with but if I cared, I wouldn't have posted this. I also don't have any intentions of reading anyone's "Who cares, why discuss it, it's not important to me..." responses to me anyway, so here goes:

From now on I plan to only read and post to REC.RADIO.SCANNER. There are twice as many postings on it in one day than on ALT.RADIO.SCANNER- I don't see the need to see the same half a dozen messages twice when people cross-post (I've been guilty of it myself) knowing most of us check out both places anyway. This way if people know we're only going to support REC.RADIO.SCANNER, the other will slowly fade away and we can all condense our efforts into one big happy family. :-)

What do you say? Are you with me? Well, I'm with me...it'll sure cut down on AOL time and save my $$$. Good Luck! :-)

Shawn4SK1

1216. Re: MT Atlana 94

Newsgroup: rec.radio.scanner
Date: 1994-08-29 02:19:02 UTC
From: edginsf@aol.com
Message-ID: <33rgim$8o0@search01.news.aol.com>
Source record: 269855

In article <199408271303.IAA13276@news.cs.utexas.edu>,
scott@redstorm.nawc-ad-indy.navy.mil writes:Does anyone know if there's
lots of equipment (i.e. books, software,
computer-scanner interfaces, etc.) being sold at the convention? I'm
busting my butt working overtime so I can bring loads of money to blow
on scanner stuff.

Yes, there will be an exhibit hall full of vendors just waiting the
separate your money from your wallet. NE Aerial Development should have
lots of aviation related maps and books, and I know that Opto and ScanStar
will also have their interface products for sale.

Is your wife going to attend the sessions, and the banquet also ?(and does
she have a sister?<g>)

Edward
BASE 801

1217. Re: Scanners and Airports

Newsgroup: rec.radio.scanner
Date: 1994-08-29 02:23:03 UTC
From: wwhitby@aol.com
Message-ID: <33rgq7$8ql@search01.news.aol.com>
Source record: 269856

When I go to the airport to see someone off, I hand it to the guard as I walk through. She then asks me to break the squelch to show it works. No problem.

When I travel, I keep my scanners and HT in a bag that does go through the x-ray machine. I have never had any problems, but I did see a post about the x-rays scrambling the EEPROM chip and the owner had to re-enter all of the freqs. This is up to you. Do at your own risk.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

1218. Re: The scoop on GMRS

Newsgroup: rec.radio.scanner
Date: 1994-08-29 03:31:21 UTC
From: bobw@col.hp.com
Message-ID: <33rkq9$da5@hp-col.col.hp.com>
Source record: 269858

HENRYVB (henryvb@aol.com) wrote:
: Furthermore, very few grandfathered business licensees exist in major
: cities, only rural locations where the system still serves them well. In
: most major cities, the business licensees have either changed frequencies
: voluntarily or been foced to move because they wanted to increase their
: power, change the number of units, or moved their antenna location, all of
: which are prohibited for the grandfathered business licensees. The other
: reason business licensees leave the GMRS service is when the FCC cites
: them for violations of the rules for making the previously mentioned
: changes illegally, usually on the advise and with the participation of
: their radio dealer.

I wish this were true.

Most of what I hear on GMRS in the Colorado Springs and the Denver
area is dominated by business users (which I assume were grandfathered
in years ago). The number of "personal" users is quite small or they
don't seem to be on the air much. Of course, its hard to compete
with the air time of businesses like security guards, etc.

Bob Witte / bobw@col.hp.com / Hewlett Packard / PMO / KB0CY / (719) 590-3230

1219. Re: Blue Angel Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-08-29 03:32:37 UTC
From: Greg <gregmason@delphi.com>
Message-ID: <pEwSmAF.gregmason@delphi.com>
Source record: 269857

Robin Mueller <rmueller@netcom.com> writes:

>The Blue Angels are in town here in San Diego and I'm wondering if anyone
>has the frequencies that I can listen in on. The one I'm most intersted
>in is the air to air channel so i can hear the commander calling out
>their cues. If anyone could help me out, I'd be most appreciative.

I had a whole pile of reported Blue Angel freqs. The only score was at
251.6 which seemed to be in use during some of the formation displays...
im sure ther must be more active freqs, but thats the one i listened to...

the transmissions consisted mostly of reading off of numbers and instructions
like "a little more power". Of course as they pass overhead it was impossible
to hear much of anything anyhow. Id have enjoyed the show if i were deaf!
Greg

1220. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-29 04:04:45 UTC
From: drw@esl.com
Message-ID: <drw-280894210420@m42001.esl.com>
Source record: 269859

In article <Cv86Ku.9sz@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley) wrote:

>> Much discussion about RS catalogs, taxes, refunds, etc deleted <<

>
> To hell with the taxes... I get out of them any chance I get!
>
> Is there a newsgroup for getting around taxes? I despise the
> taxes as much as the (attempted) scanner bans.
>
> The only good politician is an IMPEACHED politician!
>
> Steven

So, are you going to get a catalog anyway?

--
Dave Waters WA6AWZ
ESL Inc.
drw@esl.com

1221. Re: Way too cool Sony

Newsgroup: rec.radio.scanner
Date: 1994-08-29 04:07:00 UTC
From: drw@esl.com
Message-ID: <drw-280894210634@m42001.esl.com>
Source record: 269861

In article <tcornish.77.002CED6C@mcs.com>, tcornish@mcs.com (Timothy P. Cornish) wrote:

> Can someone tell me what the model number is?

Sounds like a Sony PRO-80

> Is it still manufactured?
> What's it going for in the 'states by mail order? From who?
> Anybody have one? Like it?

It's sure not the best thing, but it sure fits a niche nicely (portability)

>

--
Dave Waters WA6AWZ
ESL Inc.
drw@esl.com

1222. Re: For Sale : Realistic Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-08-29 04:13:08 UTC
From: drw@esl.com
Message-ID: <drw-280894211249@m42001.esl.com>
Source record: 269860

In article <33rg01$8hq@search01.news.aol.com>, shawn4sk1@aol.com
(Shawn4sk1) wrote:

> In article <1994Aug28.095421.1@cad3.uccb.ns.ca>, rling@cad3.uccb.ns.ca
> writes that he has a 2006 for approx $395 US Dollars.
>
> SO responds: They're selling over here for $345 US Dollars- Radio Shack's
> price. Come down a little bit and you'll probably sell it... :-)
>
> Shawn4SK1

The way everybody's running to RS for the '2006, they'll soon be out, and a
modifiable '2006 will probably get that kind of price! ;-)

--
Dave Waters WA6AWZ
ESL Inc.
drw@esl.com

1223. Re: *** T R I G G E R F I S H ***

Newsgroup: rec.radio.scanner
Date: 1994-08-29 04:24:14 UTC
From: raustin@nyx.cs.du.edu
Message-ID: <33rnte$5u3@nyx.cs.du.edu>
Source record: 269786
Cross-posted to: alt.2600,rec.radio.scanner,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk,dc.media

Glen Roberts (glr@ripco.com) wrote:

: P A I D A D V E R T I S E M E N T*1

: You Can Invade Privacy!

: It is quick and easy with our Illegal Wiretapping equipment!

I have seen the ad reprinted in Full DIsclosure 28 and it seems to me
that Harris Co. is making a misrepresentation. It seems like such a
device would only work over a very small area (the area no greater than
the distance between any two cellsites that are using the same
broadcast freq). Further, within that area, unless all of the control
channels were being monitored, a person using a cellular would have
toppass within that particular cell to be monitored. So if someone was
several miles away the device would be useless. In LA one would have
to have dozens of the units scattered throughout the city just to have
a high degree of probability of hearing most of a person's calls. Further,
they advertise that the device sees what a person is calling. I suppose if
you happened to pass within a few blocks of the person when they initiated
their calls, you might get the DNR list they advertise. But for the most
part I think it would be useless for this purpose unless the cops were
goint to use it on a stakeout. Yet the ads make it seem as if it is
the cellular equivalent of a tap on a landline phone and this is just
not technologically possible. The real gall is when Harris suggests that
increased forfeitures of suspects assets will more than pay for the cost
of the unit.
RMA

1224. Re: rec.radio.cellular?

Newsgroup: rec.radio.scanner
Date: 1994-08-29 04:47:02 UTC
From: wcross1@minerva.cis.yale.edu
Message-ID: <33rp86$4cq@news.ycc.yale.edu>
Source record: 269862

: I have never seen a post in this group for the past few months. I am supposed
: to get it and it's connected at my server but nothing. Does anyone get posts
: to alt.cellular-phone-tech?

Nope. My server doesn't even thing this newsgroup exists.

1225. NFL Freqs Please

Newsgroup: rec.radio.scanner
Date: 1994-08-29 04:57:04 UTC
From: joshgl@aol.com
Message-ID: <33rpr0$bfb@search01.news.aol.com>
Source record: 269864

I'm going to the Monday night game w/ 49'ers and Raiders and was wondering
if anybody out there had the freqs that they now use between coach and QB.
Any ideas even where to look would be greatly appreciated. Thanks

Josh

1226. Re: PRO-39 v. PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-08-29 04:58:18 UTC
From: mikebo@MCS.COM
Message-ID: <33rpta$mpc@Mercury.mcs.com>
Source record: 269863

In article <33lg15$hr0@eugene.convex.com>,
David Horak <horak@convex.com> wrote:
>In <5a8SFpv.type_o@delphi.com> Thomas Finch <type_o@delphi.com> writes:
>
>>John Quill Taylor <jqtaylor@boi.hp.com> writes:
>>
>>>The Pro 43 "remembers" the channels without batteries, although many times I
>>>have left my Pro 39 on all night (after the batteries expired) and the
>>>frequencies were still there. Maybe I am just lucky.
>>
>>
>>No, this is the reason why the Pro-43 is more expensive than
>>the Pro-39. The 43 has an internal PROM that will store all of
>>your programmed freqs indefinitely, without any power. All of the
>>other handhelds will store them for about 1 hour without power.
>
>While this may be a valid benefit of the pro43, there are several features
>which make the 43 more valuable including the 200 MHz band, AM/FM switch
>and triple conversion (isn't the 39 dual?). Also, the 43 can be modified
>to include the 54-88 band.
>
Yes, the 39 is dual-conversion. I owned one for about 24 hours, and
noticing the tremendously BOGUS image problems (crystal clear cellular
junk in the 850-865 range) I brought it back pronto. I was lucky enough
to find a local RS with two old "realistic" labelled 43's (minus the 'A'
at the head of the serial number) in stock and snatched one up.
- Mike (N9EUZ)

Michael Borowiec All tied to their things,
mikebo@MCS.COM they are netted by the strings...
Free to flutter, in memory of
their wasted wings... P.Gabriel
--

Michael Borowiec All tied to their things,
mikebo@MCS.COM they are netted by the strings...
Free to flutter, in memory of
their wasted wings... P.Gabriel

1227. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-29 05:06:58 UTC
From: mikebo@MCS.COM
Message-ID: <33rqdi$ps8@Mercury.mcs.com>
Source record: 269865

In article <1994Aug27.111036.2827@hnrc.tufts.edu>,
Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
> Let's settle the PRO-43 question once and for all. The
> old, modifiable units had the model number 20-300 and the FCC
> ID AA020-300.
>
... stuff deleted ...

I don't think any of that makes any difference... both versions of
the 43 have the same model number and FCC ID.

The UN-modifiable versions of the Pro43 are labelled "Radio Shack"
(NOT "Realistic") on the box -and- on the silk-screen at the bottom
of the rig -and- their serial numbers begin with the letter 'A'.

The modifiable versions of the Pro43 are labelled "Realistic" on
the box -and- the silk-screen at the bottom of the rig -and- their
serial numbers do NOT contain a leading 'A'.
- Mike (N9EUZ)

Michael Borowiec All tied to their things,
mikebo@MCS.COM they are netted by the strings...
Free to flutter, in memory of
their wasted wings... P.Gabriel
--

Michael Borowiec All tied to their things,
mikebo@MCS.COM they are netted by the strings...
Free to flutter, in memory of
their wasted wings... P.Gabriel

1228. Re: Freedom repost, with proper quoting.

Newsgroup: rec.radio.scanner
Date: 1994-08-29 05:19:45 UTC
From: davidb@ce.washington.edu
Message-ID: <33rr5h$osu@news.u.washington.edu>
Source record: 269866
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,talk.politics.guns

Reminder: This thread is an open-ended political discussion, not an article about shortwave radio. Please don't cross-post this thread to rec.radio.shortwave anymore.

If you are unfamiliar with such things as editing headers to avoid cross-posts, I recommend that you read messages in news.announce.newusers. Cross-posting to many newsgroups is generally frowned upon because it leads to numerous followups that aren't relevant to every newsgroup the message was originally posted to.

Cross-posting from groups in the "talk.*" hierarchy is to be avoided in particular. That hierarchy exists for discussion of topics that are known to generate long and voluminous threads. Folks interested in those threads can subscribe to those newsgroups; folks not interested in those threads shouldn't need to wade through them when they're cross-posted to other newsgroups.

--
David Barts N5JRN UW Civil Engineering, FX-10
davidb@ce.washington.edu Seattle, WA 98195
0518 GMT T: 65 F wind: ENE 1 gust 2 mph P: 1020 mbar

1229. Re: NFL Freqs Please

Newsgroup: rec.radio.scanner
Date: 1994-08-29 05:47:06 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <33rsoq$r6e@umcc.umcc.umich.edu>
Source record: 269867

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI
48197 This product was not tested on any animals.

1230. Need mods for RS scanners

Newsgroup: rec.radio.scanner
Date: 1994-08-29 05:59:18 UTC
From: mikebo@MCS.COM
Message-ID: <33rtfm$38f@Mercury.mcs.com>
Source record: 269868

I have RS PRO-2004 and PRO-43 scanners.
The 2004 is already freq'ed, but I need the mod for the 43.
I assume there are FTP or telnet sites for scanner mods, freqs
whatever. Could someone please share these...

I am a newcomer to this group, so excuse if this is in a FAQ.
I didn't see one... Thanks!
- Mike (N9EUZ)
--

Michael Borowiec All tied to their things,
mikebo@MCS.COM they are netted by the strings...
Free to flutter, in memory of
their wasted wings... P.Gabriel

1231. Icom R100 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-08-29 06:31:11 UTC
From: bam@crash.cts.com
Message-ID: <CvAA40.GF5@crash.cts.com>
Source record: 269775

Hi folks,

I've got one of these puppies, and I'm looking for any mods that might be available for it. (faster scan would be most useful)

Thanks,

Bret Marquis
bam@cts.com

1232. Re: Way too cool Sony

Newsgroup: rec.radio.scanner
Date: 1994-08-29 06:34:29 UTC
From: ghamma@ix.netcom.com
Message-ID: <33rvhl$3g6@ixnews1.ix.netcom.com>
Source record: 269869

In <tcornish.77.002CED6C@mcs.com> tcornish@mcs.com (Timothy P. Cornish) writes:

>
>Back in December I was in a duty free shop in the West Indies and saw a Sony
>portable that looked like a cross between a scanner and a portable
>short-wave. I didn't catch the model number, but I remember it said something
>like "High-Scan" across the speaker. I believe it covered 100kHz to 1GHz
>continuous, with 999 memories and scan and search functions. I was very
>impressed but was not in the market at the time.
>
>Now I'm in the market.
>I have been unable to locate anything like it in the local electronics stores.
>
>Can someone tell me what the model number is?
>Is it still manufactured?
>What's it going for in the 'states by mail order? From who?
>Anybody have one? Like it?
>
I think your memory is faulty. Sony makes two models that might be labeled
"HISCAN" - ICF-PRO70 and ICF-PRO80. They are continuous coverage in the
baseband (150kHz to 108MHz) and add extended coverage through a down converter
(115.15MHz to 223 MHz). All modes are supported (AM wideband, AM narrowband,
FM wideband, FM narrowband, SSB). The unit does scan and has 40 memories
(4 banks of 10). Lowest frequencies are supported through an internal
ferrite antenna (150kHz to 1.602MHz). Shortwave sensitivity is very good.

The down converter scheme provides for the use of other frequency shifts
through a user programmable offset, but I've not encountered baseband
converters for higher bands (e.g., shifting 400MHz to 150kHz).

The radio works very well, is extremely rugged, and is popular among
aircraft users. I use mine every day. It is also very user unfriendly.
Manufacturing started in 1987.
--
GHamma@svpal.org
GHamma@ix.netcom.com
GHamma@aol.com
74226.2470@compuserve.com

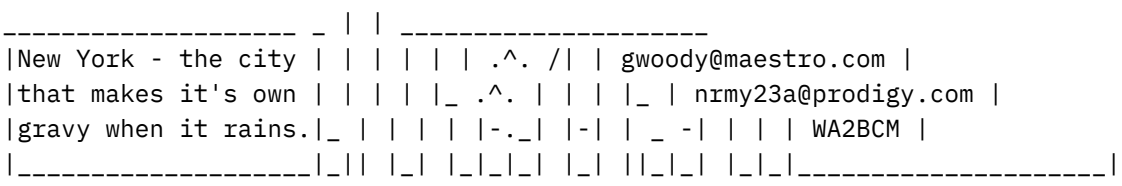
1233. Re: Ignore

Newsgroup: rec.radio.scanner
Date: 1994-08-29 06:53:33 UTC
From: GWOODY@maestro.maestro.com
Message-ID: <CvAB5A.KHA@maestro.maestro.com>
Source record: 269874
Cross-posted to: rec.radio.scanner,oau.news

Steven Bradley (steven@sgb.oau.org) wrote:
>
> Ohhhh great! Some folks were right... they *have* arrived!
> (now when is prodigy to arrive?)

> Steven

Steven,
From the rumors I've been hearing, Prodigy might have Usenet before the
year is out. Oh joy, eh? <grin>

-Gene
--


1234. Re: Phila Fire Films

Newsgroup: rec.radio.scanner
Date: 1994-08-29 06:59:19 UTC
From: scan911@aol.com
Message-ID: <33s107$d9j@search01.news.aol.com>
Source record: 269870

In article <12a.4718.757@compudata.com>, dave.milsted@compudata.com (Dave Milsted) writes:

>Does anyone know what happened to Phila Fire Films Group? They used to >be on 462.000, but for the last month there has been no sign of them on >this freq. Did they move to another freq or go out of business?

Officially, they have gone out of business. Jim Bonner, its owner, posted a message on his BBS the other day. I will not reiterate his statements here.

Jim is going back into the still photo business after 19 years as PFF. I would imagine he has no need for his radio system anymore, but don't be surprised if he shows up somewhere.

Chuck Gysi
scan911@aol.com

1235. Re: Columbus,OH freqs info

Newsgroup: rec.radio.scanner
Date: 1994-08-29 07:01:02 UTC
From: scan911@aol.com
Message-ID: <33s13e$dc8@search01.news.aol.com>
Source record: 269871

In article <33oe1l$9ot@news.ysu.edu>, as779@yfn.ysu.edu (Chuck Reti)
writes:

>I will be working in Columbus,OH for approximately 8 weeks starting
>after Labor Day. Would appreciate info on any "interesting" scanner
>freqs (beside those in "Police Call" to provide entertainment
>during my stay there.

Get a copy of SCANNER MASTER OHIO POCKET GUIDE (800-SCAN-701) and BEYOND
POLICE CALL (any Radio Shack). Both will help you tremendously.

Chuck
scan911@aol.com

1236. Pro-2006 30k steps?

Newsgroup: rec.radio.scanner
Date: 1994-08-29 07:10:49 UTC
From: ab910@lafn.org
Message-ID: <1994Aug29.071049.13176@lafn.org>
Source record: 269777

Is there a mod to give the Pro-2006 the 30khz steps that it has in the
rest of the world? I hate using the 5khz setting. Way, way too slow.
Thanks in advance..
Matthew D.
--
****
trust no one
****

1237. NESN MERGE WITH NATIONAL SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-08-29 07:13:04 UTC
From: scan911@aol.com
Message-ID: <33s1q0$dgv@search01.news.aol.com>
Source record: 269872

August 24, 1994

To all NESN column editors and other interested parties:

First I want to apologize for the last message/letter I sent out. While I talked of starting up a new publication to replace NESN in the Northeast, I also had a better offer on the table at the time but was unable to discuss it at the time.

Since we learned that NESN was to merge into National Scanning Report, I have been in contact on a daily basis with Dave Marshall, managing editor of the All Ohio Scanner Club's newsletter, American Scannergram. While I have told some of you this already, Dave proposed that the AOSC's newsletter be expanded to include the Northeast states covered in NESN. AOSC already covers an area from Illinois to Pennsylvania and Ontario to Kentucky. It also has many of the columns that NESN had, but now has eliminated to fit within the confines of the 16 pages of NatScan that it has been allocated. In fact, the regional columns are about the only columns that we know NESN will continue.

Many of us are disgruntled that Les Mattson sold NESN to NatScan. There's nothing we can do at this point other than to complain. I am very happy that the All Ohio Scanner Club took NESN members into consideration in deciding to expand their newsletter to accommodate the Northeast. We considered NESN a great scanner club (even though it technically wasn't a club) and AOSC likewise is a great scanner club. The club already has more than 100 members in the NESN territory. I am convinced that AOSC will provide the information we have come to crave from NESN.

At this time, Dave Marshall is looking for editors to handle the new columns in the American Scannergram. If you edited a column for NESN, you have first crack at the new columns to appear in AOSC. The club already has a Pennsylvania editor, but will be looking for editors to handle the following columns at the least: DE-DC-MD-VA, NC, NY-NJ and New England. As we gain new members within AOSC and the member numbers bear it out, some of these columns may be split into separate columns in the future. The actual new columns that will appear in the American Scannergram will be decided within the next month or so.

The current timetable for AOSC calls for telling its members about NESN folding into NatScan in its November-December issue. It will announce in its January-February issue that the club will officially expand into the Northeast and the new Northeast columns will begin

appearing in AOSC in the March-April issue.

If you are interested in writing one of the new columns for the All Ohio Scanner Club, you must contact Dave Marshall now. His Internet address is davem0911@aol.com. His address is 50 Villa Road, Springfield, OH 45503-1036. To serve as an AOSC editor, you must be able to send your columns to Dave via e-mail or in ASCII or WordPerfect 5.1 formats on a diskette. Membership is $18 for your first year in AOSC and $17 for annual renewals. A membership application is attached for your convenience. Of course, you must be a member to serve as an AOSC editor. Those who serve as editors, however, have their membership dues frozen while they serve as editor and their dues already paid resume when they quit their columns. They essentially get their membership for free while serving as an editor. Editors receive their newsletters via first class mail, too. Sample copies of the newsletter, which is the same size and format as NESN, are available for $3 from Dave Marshall. The September-October issue of the American Scannergram will be mailed out next week.

AOSC is an established club and has been a full member of ANARC. It has excellent column editors and is ready to jump in and fill the void created by NESN folding into NatScan. It keeps the sense of a club in the Northeast alive for scanner hobbyists. We hope that you will not only consider joining AOSC, but also consider applying to edit one of the new columns in the American Scannergram.

If you have any questions about this move to keep a scanner club alive in the Northeast, feel free to contact me via Internet e-mail at scan911@aol.com. If you don't have access to a photocopier and need more AOSC membership applications,
let me know and I'll get them to you. Let's show the All Ohio Scanner Club our gratitude and join their organization. It's a great thing that will get greater!

I appreciate those of you have maintained contact with me during this interim period. Please stay in touch.

73,
Chuck Gysi, N2DUP
scan911@aol.com

1238. NESN MERGE WITH NATIONAL SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-08-29 07:15:02 UTC
From: scan911@aol.com
Message-ID: <33s1tm$di1@search01.news.aol.com>
Source record: 269873

Member info on ALL OHIO SCANNER CLUB, which is expanding into the NORTHEAST....

AMERICAN SCANNERGRAM
Serving Ohio and the Surrounding Areas With the Most Up To Date Radio Monitoring Information That Is Available!
Official Publication of the
ALL OHIO SCANNER CLUB 50 VILLA ROAD, SPRINGFIELD, OHIO 45503-1036

The ALL OHIO SCANNER CLUB is a not-for-profit organization that is dedicated to sharing information and improving the hobby of monitoring radio communications. The AOSC newsletter is staffed by a group of dedicated volunteers who work together to publish a top notch information exchange and reference source for our members.

The AOSC was founded in 1979 by a scanner enthusiast who wanted to aid in bringing together people interested in the same hobby and to share information such as frequencies, codes, and technical knowledge that is helpful to the hobbyist. Since then, the AOSC has grown to include hundreds of members in over 40 States and Canada, and the newsletter has grown from a mimeographed single sheet to newsletters averaging 40 pages or more that are professionally printed and bound.

The ALL OHIO SCANNER CLUB publishes an information exchange newsletter, called the "AMERICAN SCANNERGRAM", every two months for club members. The newsletter includes regional public safety columns covering all of Ohio, plus Illinois, Indiana, Kentucky, Michigan, Pennsylvania, West Virginia, Ontario, and other areas of North America as well. Other columns include subjects of special interest such as state government; business; sports, including major league baseball and football, auto racing; special events; tourist attractions; aviation, railroads, and other modes of transportation; technical topics; articles about antennas and improved reception techniques; articles to help the beginners in the hobby; understanding public safety communications; and two no-holds-barred columns covering Federal Government, and U.S. Military services. Many of these columns of special interest topics provide nationwide coverage. Also included are columns covering amateur radio; new licenses from the files of the FCC; shortwave utilities; shortwave broadcast; new product and book reviews; and other features. All of these columns are based on information sent in for publication by club members such as yourself. We are an all volunteer organization, no one receives payment for material

written for our publication.

The cost of membership in the ALL OHIO SCANNER CLUB is $18.00 per year ($21.00 for Canadian and Mexican residents, $28.00 for all other countries), payable in U.S. Funds. Membership dues are non-refundable. (A newsletter sample copy is available for $3.00). New members will receive a booklet containing general information about the club; frequencies, codes, and other statewide information for Illinois, Indiana, Kentucky, Michigan, Ohio, Pennsylvania, West Virginia, and Ontario, Canada. Your membership will begin with the next regular mailing of the club newsletter, and will expire after you have received six issues. We print the American Scannergram every other month. Issues are normally mailed by third class bulk rate the last week of February, April, June, August, October, and December.

The AOSC holds an annual family-style picnic and business meeting (if necessary) at a private park shelter in the Columbus, Ohio area. The AOSC hosts a booth for all Association of North American Radio Clubs at the Dayton Hamvention in Dayton Ohio each year (normally the last weekend of April), and also participates in the Winter SWL Festival in Kulpsville, PA the second weekend of March every year and the Monitoring Times Convention (to be held in Atlanta, GA the first weekend of October this year). At the Dayton Hamvention, The AOSC co-sponsors a forum for shortwave and scanner listeners. A social gathering and meeting for AOSC members is also scheduled each year during each of these events. The AOSC also sponsors a net on a Dayton, Ohio area amateur radio repeater for scanner and shortwave listeners.

The AOSC can be reached on America Online or any other online service with an Internet gateway by leaving a message for Dave Marshall at davem0911@aol.com.

Why not join today by filling in the information below and include it with your check or money order (no cash, please) and send it to the address above, and you will become part of the growing group of scanner buffs that are "in the know".

ALL OHIO SCANNER CLUB 50 VILLA ROAD, SPRINGFIELD, OHIO 45503-1036

.....
.....
.....

NAME_____AGE_____

STREET_____COUNTY_____

CITY_____COUNTRY_____

STATE_____ZIP_____PHONE_____

E-MAIL ADDRESS(S)_____

HOW LONG HAVE YOU HAD A SCANNER?_____

WHAT SCANNERS DO YOU USE?_____

WHAT DO YOU LISTEN TO THE MOST?_____

_____

DO YOU USE A SHORTWAVE RADIO? YES[ ] NO[ ]

WHAT DO YOU LISTEN TO?_____

_____

ARE YOU A LICENSED RADIO AMATEUR? YES[ ] NO[ ] CALL SIGN_____

WHAT OTHER RADIO CLUBS ARE YOU A MEMBER OF?

_____

WHAT OTHER HOBBIES DO YOU HAVE?_____

HOW DID YOU FIRST FIND OUT ABOUT THE ALL OHIO SCANNER CLUB?

_____

IF YOU GOT THIS FILE FROM A BBS, WHAT IS THE NAME OF THE BBS AND

THE PHONE NUMBER?_____[AMERICA ON LINE]_____

IF YOU FIRST FOUND OUT ABOUT THE AOSC FROM A FRIEND, WHO?

_____
(via Chuck Gysi, N2DUP)

* ALL INFORMATION WILL REMAIN CONFIDENTIAL, *
* EXCEPT TO PUBLISH OCCASIONAL MEMBERSHIP STATISTICS. *
* IN ORDER TO MAINTAIN YOUR PRIVACY, WE WILL NOT PUBLISH *
* YOUR COMPLETE ADDRESS, ONLY YOUR NAME, CITY, AND STATE. *

*** NOTE ***

Due to recent changes in the the hobby publication arena, the AOSC is considering expansion into the East Coast area, from Virginia north to New England. The success of this expansion depends on how many new members the AOSC can sign-up in that area. If you have any questions regarding this new area of coverage for the AOSC, feel free to contact us at the above address or through the information superhighway at davem0911@aol.com.

1239. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-29 08:24:07 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.111.0008672B@cornell.edu>
Source record: 269656

(Joe A. Walker) writes:
>> |> To my knowledge the law that bans scanners does NOT apply to hams. I will
>post
>>
>> The exemptions were written for 'amateur equipment' which may be deemed by
>> a cop not to include scanners. Many copy would not know or care about the
>> difference, but some might...

>Bull. Program the frequency of your favorite repeater into one channel of
>your scanner. It is now "amateur equipment."

>And the local cop doesn't get to decide if it is or if it isn't. You have
>a FEDERAL license for amateur radio equipment, and the FEDERAL rules
>pre-empt the state or local rules.

>And you don't even have to learn morse code. . . .

The law / exemption specifically mentions transcievers. That lets out
scanners license or no. With an attitude like yours you will most likely
get to explain it all to the judge. Lighten up and use lots of greasey "yes
sir"s and you will have a lot less problems. There is a lot of trouble that
can and will find you without having to go out of your way to find it.

1240. Need Mods Rz1

Newsgroup: rec.radio.scanner
Date: 1994-08-29 09:13:21 UTC
From: Salvatore Innaimi <MC1612@mclink.it>
Message-ID: <778144401.MC1612@mclink.it>
Source record: 269800

Hello to All,
pls i'm looking for the best docs & tips on Kenwood RZ1
if anyone have it pls send me by e-mail very soon.

Best regards.

73' de Sal, IW0DHH
[44.134.32.120]

1241. Re:Pikes Peak Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-08-29 09:35:59 UTC
From: jeffb@rmii.com
Message-ID: <jeffb.26.00613708@rmii.com>
Source record: 269795

> I keep a list of the Colorado Springs frequencies I listen to there:
> CS_FRQ40.ZIP

I'd also like a copoy. Where can I get CS_FRQ40.ZIP?

thanks.

1242. Re: Pro-2006 30k steps?

Newsgroup: rec.radio.scanner
Date: 1994-08-29 10:21:18 UTC
From: clay@panix.com
Message-ID: <clay.1084.2E61B69E@panix.com>
Source record: 269778

In article <1994Aug29.071049.13176@lafn.org> ab910@lafn.org (Matthew Davies) writes:

>Is there a mod to give the Pro-2006 the 30khz steps that it has in the
>rest of the world? I hate using the 5khz setting. Way, way too slow.

One sure fire way is to install the OptoElectronics 456 kit! You are
provided the ability to specify the size of the steps with the software.

.-. .-.
/ \ .-. .-. / \
/ \ / \ .-. _ .-. / \ / \
-/--Clay Irving-(N2VKG)\-----/---\---/-\---/---\-----/-----\-------/-------\--
clay@panix.com \ / `-' `-' \ / \ /
New York, New York `-' `-' \ /
`-' `-'

1243. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-29 10:47:01 UTC
From: schuh@phys.unca.edu
Message-ID: <33seb5$h3a@balsam.unca.edu>
Source record: 269779

Well, I went into my local $hack, when I went to purchase my catalog, so I could get the coupon, and use it immediately for some other things I wanted, the salesclerk said that it was free. She said that they (the store) figured that why bother charging for the catalog, when they could just take the coupons off the catalogs, and (I presume) send them to R-$hack Headquarter$ for store credit.

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

1244. Triggerfish Better than Scanners

Newsgroup: rec.radio.scanner
Date: 1994-08-29 10:57:38 UTC
From: feustel@netcom.com
Message-ID: <feustelCvAMG2.5CK@netcom.com>
Source record: 269780

P A I D A D V E R T I S E M E N T*1

You Can Invade Privacy!

It is quick and easy with our Illegal Wiretapping equipment!

Our Triggerfish product is especially helpful in those illegal wiretapping cases. Your risk of getting caught is virtually zero.

The law*2 says we can't advertise wiretapping equipment. We don't care. We know how to make money*3 and that's what counts.

Are you a law enforcement agency that can't get wiretapping authorizations, a private detective, corporate security officer, or individual that wants to know what people are saying on their cellular phones? Then, Triggerfish is for you.

Remember, we at Harris Corporation have tossed the wiretapping law in the trash along with the First Amendment. This advertisement for the Triggerfish wiretapping unit is illegal as well as our sale of the device to you. But what counts is money. Think of all the great applications!

Think about all the people that believe their cell phone calls are private:

* Listen to the ignorant criminals that still use cellular phones for their illegal activities.

* Steal corporate secrets from your competition.

* Spy on the plans of political activists and politicians. Ripe for blackmail material too.

* Get off listening to those who use cellular phones for `phone sex'.

* Hear religious leaders yucking up their molestation of children.

* Penetrate undercover police officers & law enforcement agencies making their secret plans.

Remember, it is illegal for you to use a Harris Corporation Triggerfish, but don't worry -- you won't get caught. IT WIRETAPS CELLULAR PHONES WITHOUT WIRES... it simply sucks the voice and other information out of the ether.

Just punch in your victims cellular phone number and you have instant access to their phone calls for all your malicious, perverted, greedy, and other selfish interests.

The law doesn't matter when we can make money. Buy your Triggerfish now -- so you can start invading someone's privacy today. It's a crime, but it's worth

it. We make the money, you get to peek inside the private lives of others.

Harris Corporation technology gives you power over the law and the lives of the victims you can penetrate so easily. Not only can the Triggerfish be fun, but profitable too.

Harris Corporation, P.O. Box 91000, Melbourne, FL 32902

*1 Remitted directly to the Devil!

*2 18 USC 2500 et. seq.

*3 Our gross revenues in 1991 exceeded $3 billion dollars and we're on the Fortune 200 list.

FUN -- ILLEGAL -- PROFITABLE

WHAT MORE COULD YOU WANT?

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---

--
Dave Feustel N9MYI Internet:<feustel@netcom.com>
219-483-1857 Compuserve:<73532,1747>

Now that the Crime Bill is a Done Deal, we will start finding out just how much of the few pitiful remnants of America's original patrimony of liberty we have been swindled out of by Clinton and the Democrats.

Next Stop: The Supreme Court.

1245. ARE THERE BUGS IN EARLY AR8000's FROM AOR?

Newsgroup: rec.radio.scanner
Date: 1994-08-29 11:22:50 UTC
From: donar@cs.vu.nl
Message-ID: <CvAnM3.st@cs.vu.nl>
Source record: 269781
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I like to buy a AOR AR8000, but I heared of bugs in early
versions, does anyone has more info? Are there any reviews
that somebody can mail me?

What is the adres of AOR, and the faxnumber so I can ask the
number of the dutch dealer ?
What is the adres of the AOR dealer in the netherlands?
I got my own compagnie and who knows how to import those
scanners?

Donar Alofs

--
,,,
(o o)
()=======================oOO==(_)==OOo=========================()
// Why is everyone using my little man in their .signature ? //\\

1246. Re: Freedom repost, with proper quoting.

Newsgroup: rec.radio.scanner
Date: 1994-08-29 11:38:01 UTC
From: malxndr@aol.com
Message-ID: <33shap$g6f@search01.news.aol.com>
Source record: 269782

In article <5q8NRc5w165w@opus-ovh.spk.wa.us>, bmork@opus-ovh.spk.wa.us (Brian) writes:

This is not an appropriate forum for a discussion about gun control. Take it somewhere else.

1247. Re: Motorola ad shows "Daddy" of cellular phone

Newsgroup: rec.radio.scanner
Date: 1994-08-29 12:01:37 UTC
From: peter@3com.com
Message-ID: <3076@bridge2.NSD.3Com.COM>
Source record: 269814

In article AHo@netcom.com, wa2ise@netcom.com (Robert Casey) writes:
>n interesting ad appears in the Aug 29 '94 issue of _Business Week_
>magazine. On page 9. Picture of an old world war 2 walkie talkie
>next to a cell phone. "The (cell phone make and model #) comes from
>a long line of heros. Like the original SCR 536 hand-held wireless
>radio, which cut our boys loose from the wires of war. Lives depended
>on us then. Busy lives depend on us now. ... The best selling ...
>cell phones ...
>
>Ad "headline" is: Daddy fought in the war.

And, if the ad is large and clear enough, you can even read the nameplate
on the SCR-536, which will tell you the manufacturer's name. Motorola
may have designed it, but they didn't manufacture the one in the ad :-)

Peter Simpson, KA1AXY Peter_Simpson@3com.com
3Com Corporation (508) 836-1719 voice
Northborough, MA 01532 (508) 393-6934 fax

I speak only for myself, 3Com doesn't pay me to speak for them, so I don't.

1248. Re: MT Atlana 94

Newsgroup: rec.radio.scanner
Date: 1994-08-29 13:00:07 UTC
From: scott@redstorm.nawc-ad-indy.navy.mil
Message-ID: <199408291300.IAA20310@news.cs.utexas.edu>
Source record: 269783

>Yes, there will be an exhibit hall full of vendors just waiting the
>separate your money from your wallet. NE Aerial Development should have
>lots of aviation related maps and books, and I know that Opto and ScanStar
>will also have their interface products for sale.

>Is your wife going to attend the sessions, and the banquet also ?(and does
>she have a sister?<g>)

>Edward

I seriously doubt if the wife will attend any sessions since she's not
into scanning at all. She's just going to bide her time until I get out
of the sessions and we can go shopping downtown. Sorry, no sister, just one
brother [unless you're into that sort of thing :)].

| Scott Richardson |
| scott@redstorm.nawc-ad-indy.navy.mil |
| 72237.2420@compuserve.com |

1249. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-29 13:10:39 UTC
From: ah595@cleveland.Freenet.Edu
Message-ID: <33smof$3bh@usenet.INS.CWRU.Edu>
Source record: 269784

In a previous article, jtomason@li.net (Joe Tomasone) says:

>In article <33j38v$uk@giga.bga.com>, ares@bga.com (Steve Gibson) says:
>
>>The main thing I learned from this call is that people who aren't
>>involved in an incident, especially one like the above, need to stay away
>>from the scene. When officers arrive at a call like that EVERYONE is a
>>suspect until proven otherwise.
>
>AMEN. Fire Departments have the same problem. In fact, around here, those
>who go rushing to the scene of fires or police calls have a special name: BUFFS.
>
>If you are not involved, dont get that way. Police and Fire Depts. have enough
>on their hands with the emergency; crowd control takes those who would be
>dealing with the emergency away from that duty to make sure YOU aren't part
>of the emergency.
>

This reminds me of the time I lived in Cleveland. It was late on a
Saturday night. I was just getting ready for bed. When I went to close
the front door, I heard a car screech to a stop. I looked outside and
saw someone in a small pickup stop next to a car parked on the street.
Next the passenger threw something in the driver side window. The
pickup took off and in about a second, the parked car blew up. I called
911 and the fire dept. was there in a flash. They had the fire out in
seconds. I went out and told one of the firemen what I saw. He made me
feel like I was a jerk and was intruding. Like I said, it was late and
I was the only one outside. I vowed never again to get involved. I have
had other chances, but haven't. I have since moved to the burbs.

Eric

1250. AOR 1000XLT For Sale

Newsgroup: rec.radio.scanner
Date: 1994-08-29 13:25:09 UTC
From: kenman@iastate.edu
Message-ID: <33snjl$e9v@news.iastate.edu>
Source record: 269785
Cross-posted to: alt.radio.scanner,rec.radio.scanner

AOR 1000XLT for sale. Includes all original accessories. Box and manual.
Also have detailed guide to operating the 1000XLT. 2 years old. $195 OBO.

Ken
kenman@iastate.edu

--
Ken Anderson N0ZEM PH: 515.294.8996 Kenman@iastate.edu
126 Soil Tilth Bldg. N0ZEM@KI0Q.#CIA.IA.USA.NA
Iowa State University, Ames, Iowa 50011

1251. Re: Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-08-29 14:04:23 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.77.000812FE@chevron.com>
Source record: 269794

In article <33nv77$eud@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:

>But, alas, if you use a freeway callbox, or call the CHP through 911, in
>California if you say your car has broken down, and then you say you're
>an Auto Club member, they will automatically forward your call to the
>AAA from the CHP operator, so you can talk to them...
>So the CHP = AAA over here.

And furthermore...most of the call boxes being installed (in northern CA) are, yes, solar powered(battery) cell phones. Pick up one of those and the call is answered by the same people that answer when you call 911 on your own cell phone - the CHP.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

1252. Re: Air Band

Newsgroup: rec.radio.scanner
Date: 1994-08-29 14:10:48 UTC
From: domonkos@access.digex.net
Message-ID: <v7UOkiubG2E3066yn@access.digex.net>
Source record: 269787

>
> I don't know why people (or at least people who sell scanners) make
>such a big deal about aircraft communications that can be heard with
>scanners.
>

Try listening between 128 - 130 Mhz. Most aircraft call their respective companies to report 'technical' problems. I've heard everything from loss of oil pressure to engines, severe engine vibration, and complete engine shutdown. Give it a try.

Andy

1253. Re: Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-29 14:11:02 UTC
From: domonkos@access.digex.net
Message-ID: <6CUOkiubGwvP066yn@access.digex.net>
Source record: 269788

In article <Cv5Ju2.GG6@world.std.com>, Jerry Dallal wrote:
> I predict that the removal of
> restrictions will coincide with the widespread adoption of digital and
> encrypted transmissions, so it's all moot in any case. The ECPA is
> merely a weak attempt to buy the cell industry a few years to convert.

Not likely. Now that Uncle Charlie has been auctioning off radio spectrum
for commercial use, those new owners are pursuing similar ECPA laws
protecting their new 'investments'. The bullshit never seems to end...

Andy

1254. Re: Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-08-29 14:11:15 UTC
From: domonkos@access.digex.net
Message-ID: <HTUOkiubGch5066yn@access.digex.net>
Source record: 269789

In article <33ls0t$9m8@news.ysu.edu>, Tony Rossi wrote:
>
>
> Wow.....Now one could look at this in two ways......Either celluar system
> operators DO NOT WANT THE GENERAL PUBLIC TO KNOW that one can get a cell
> phone from a flea market or what/whereever and use it to call 911 when
> they need help. ie. put in in their car for safety reasons or security
> AND NOT HAVE TO HAVE IT ACTIVATED and to LEGALLY have this service for
> FREE.....
>
> OR maybe with the conjunction of 911 centers across the nation, both celluar
> operators and 911 centers don't want this info public to try to keep the
> number of prank calls and other forms of abuse to a mimimum.
>
> Correct me if I'm wrong but was'nt there a requirement that if a celluar
> system was installed, the operator MUST complete ALL 911 calls?
>
> Was'nt this rule issued for a reason?
>
> SO THEREFORE WHY SHOULD THIS INFORMATION BE COVERED UP1111!!!!!
>
> --

The unrestricted 'free 911' call was came about due to a law suit
several years ago. I forget the particulars but I recall it involved
an individuals cell-phone being wrongfully deactivated in a time of
emergency...

Andy

1255. Re: Cellular capable scanners

Newsgroup: rec.radio.scanner
Date: 1994-08-29 14:11:29 UTC
From: domonkos@access.digex.net
Message-ID: <3iUOkiubGox5066yn@access.digex.net>
Source record: 269790

In article <33p71g$kle@search01.news.aol.com>, ChrisM7204 wrote:
> I am not convinced that I need to run out and attempt to buy an 800MHz
> capable scanner just for cellular reception. I own a Pro-37 that
> apparently has limited 800MHz capability: 806-823 and 851-968 (BTW-it's
> also missing 175-379 MHZ). What would I gain IF, I repeat IF, I could lay
> my hands on a Pro 2006 tommorrow? I don't particularly care about
> listening to personal phone calls but what are the other things that I
> would be missing out on in the 800MHz frequencies?
>
> Would I be better off just waiting on the new RS models which won't have
> cell bands? I want to run out and get a 2006 JUST because our damn
> government (you know, the ones who are representing us in the land of the
> free and brave) says I can't have one, but the my checking account is
> saying not so fast! :)
>
> Anyway, will the newer scanners that don't have cellular capability have
> *everything* else or if not, what will it be missing?
>
> I appreciate it,
> Chris

I went out and purchased a full 800Mhz capable Pro-2006 scanner
mostly out of a desire to upgrade my scanning capablilties (last scanner
purchased 8 years ago). I was initially motivated to buy these due to
the new restrictions but truthfully, I don't even bother listening to the
cell freqs'; much more interesting comm's to listen to elsewhere. What
did appeal to me were the features of the scanners; fast scan/search speeds
and memory. The new scanners w/o direct cellular capabilities will offer
even faster scan/search speeds and better performance (triple conversion),
lots of memory, and other features. The 2006 will have a good resale value
for those wanting full 800Mhz capabilities. I personally like the receiver
performance of the 2006 and think it was worth the price.

Andy

1256. Re: *** T R I G G E R F I S H ***

Newsgroup: rec.radio.scanner
Date: 1994-08-29 14:39:26 UTC
From: glr@ripco.com
Message-ID: <CvAwps.779@rci.ripco.com>
Source record: 269642
Cross-posted to: alt.2600,rec.radio.scanner,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk,dc.media

Eddie Codel (zarnoff@us.net) wrote:
: >Glen Roberts (glr@ripco.com) wrote:

: >: P A I D A D V E R T I S E M E N T*1

: >: You Can Invade Privacy!

: >: It is quick and easy with our Illegal Wiretapping equipment!

: Ronald Austin (raustin@nyx.cs.du.edu) wrote:
: >I have seen the ad reprinted in Full DIsclosure 28 and it seems to me
: >that Harris Co. is making a misrepresentation. It seems like such a
: >device would only work over a very small area (the area no greater than
: >the distance between any two cellsites that are using the same
: >broadcast freq). Further, within that area, unless all of the control
: >channels were being monitored, a person using a cellular would have
: >toppass within that particular cell to be monitored. So if someone was
: >several miles away the device would be useless. In LA one would have
: >to have dozens of the units scattered throughout the city just to have
: >a high degree of probability of hearing most of a person's calls. Further,
: >they advertise that the device sees what a person is calling. I suppose if
: >you happened to pass within a few blocks of the person when they initiated
: >their calls, you might get the DNR list they advertise. But for the most
: >part I think it would be useless for this purpose unless the cops were
: >goint to use it on a stakeout. Yet the ads make it seem as if it is
: >the cellular equivalent of a tap on a landline phone and this is just
: >not technologically possible. The real gall is when Harris suggests that
: >increased forfeitures of suspects assets will more than pay for the cost
: >of the unit.
: >RMA

: Uh, I think that was meant as a joke Ron.

No, not at all. Harris Corporation threatened me with civil and criminal
action for an article I wrote (1 paragraph) about the Triggerfish in issue
No. 24. So, in No 28, I published my "parody" ad, as well as a reprint of
Harris Corporation's slick, glossy brochure (from whish Ron quotes). What
is most significant, is that Harris Corporation claims that my short article
in No. 24 was an ADVERTISEMENT, and that I committed a FELONY by advertising
their product, in that the Wiretapping Statute prohibits the advertisement of
wiretapping devices... YET... they print and distribute SLICK GLOSSY
ADVERTISEMENTS themselves.

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
No record. No Trace calling: 1-900-STOPPER (786-7737). $1.95/min

1257. Scanner Wanted

Newsgroup: rec.radio.scanner
Date: 1994-08-29 14:44:14 UTC
From: lombardi@bedford.progress.com
Message-ID: <33ss7v$mpm@progress.progress.com>
Source record: 269792

I'm seeking a hand-held scanner. I'll pay postage. I'll entertain
all offers.

Skip Lombardi, ADE Development
Progress Software
14 Oak Park Dr.
Bedford, Ma. 01730

1258. Re: 2006 Original Equip

Newsgroup: rec.radio.scanner
Date: 1994-08-29 14:54:57 UTC
From: sternk@alumni.cs.colorado.edu
Message-ID: <33sss1$3nn@lace.Colorado.EDU>
Source record: 269791

In article <777829562@f747.n115.z1>,
Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> wrote:
> -=> Quoting Ed Hwang to All <=-
>
> EH> I just received my Pro 2006 and was wondering, is the performance of
> EH> the original antenna really bad? Or is something wrong with my new
> EH> scanner?
> EH> I have been using a Pro 46 with RS's all-band center load antenna and
> EH> it seems to pull in many more signals than the 2006 with its original
> EH> whip. I did try the all-band on the 2006 and it seemed to improve,
> EH> but I didn't do any rigorous testing since the combination was
> EH> unwieldy with the antenna sticking straight out the back and I didn't
> EH> have a right angle connector handy at 1am in the morning. :-)
>
> The unit is not as sensitive as many other scanners, but it shouldn't be
>out and out terrible. Check at the back of the unit and make sure the ATT
>switch is set at 0 and not at 10. The unit will have bad reception if the
>switch is set at 10.
>
> Jerry
>
>
>___ Blue Wave/QWK v2.12

I remember seeing a response to this saying it was less sensitive
so you could attach a larger antenna. I was wondering, just how large of
an antenna do you need to compensate? I just got my Pro-2006 Friday. With
a center loaded antenna attached (at right angles, I did have a connector :-)
and testing with the ATT switch in both positions, its reception was still
noticeably worse than my Pro-43 with rubber duckie.
I was picking up CU Campus police at 155.XXX Mhz about 15 miles
away.
Do I need the 30' tower to get similar reception?

~Ken

1259. Re: Scanners and Airports

Newsgroup: rec.radio.scanner
Date: 1994-08-29 15:00:15 UTC
From: Schoen@ix.netcom.com
Message-ID: <33st5v$eas@ixnews1.ix.netcom.com>
Source record: 269793

In <33p5re$jsa@owl.csrv.uidaho.edu> saund891@raven.csrv.uidaho.edu (Mike Saunders) writes:

>
>Will it hurt my pro39, or any other scanner, when it is taken through
>airport security?
>Thanks.
>
>--
>**********************************
>* Michael Saunders *
>* Mechanical Engineering Dept *
>* University of Idaho *
>* saund891@uidaho.edu *
>* Phone: (work) 208-885-7339 *
>* (home) 208-883-1419 *
>**********************************
>

I have put my Pro-39 in a bag while taking it through the X-Ray--it seems to come
out fine.

1260. Re: LA - San Diago CHP Freqs?? HELP?

Newsgroup: rec.radio.scanner
Date: 1994-08-29 15:33:40 UTC
From: mcurtis@netcom.com
Message-ID: <mcurtisCvAz85.5Ep@netcom.com>
Source record: 269796

>Jack Diem (jdiem@netcom.com) wrote:
>: Is there anyone who could provide me with the radio freqs. that
>: the CHP use to patrol the FWY between LA and San Diago? TIA.
>
>There is Gold 42.2Mhz for mobile, 42.12Mhz for the base for san diego county.
>The orange channel 42.88Mhz base and 42.66Mhz for the mobile is probably
>used towards the city of san diego.

The Oceanside and Rancho California offices (covering from north of San Diego city to the Orange County line on the coast, and the Temecula, Rancho California area inland) are on the Tan (42.4200 base, I'm not sure of the mobile) now. The Gold is used by the El Cajon office and covers east of San Diego city to Imperial County and the mountain/desert area.

--
Mike
mcurtis@netcom.com

1261. First Scanner, Need Help!

Newsgroup: rec.radio.scanner
Date: 1994-08-29 15:56:00 UTC
From: ETH@TIAMAT.UMD.UMICH.EDU
Message-ID: <93.740.7592.0NFB2F87@TIAMAT.UMD.UMICH.EDU>
Source record: 269570

Message-ID: <eth.778175349@tiamat.umd.umich.edu>
Newsgroup: rec.radio.scanner,alt.radio.scanner
Organization: Univerisity of Michigan - Dearborn

Well I went out yesterday and got my first scanner, the PRO-51 on sale at radio shack. I lucked out because the sale ended on saturday but since they didn't remove the sale tag I got it at the 199.99 price (maybe a radio shack sales ploy?) Anyway I did the 2, 9, Lockout keycom and put the upper and lower limit cell freqs in just to have :) and put the mid range 50 to 60 and 88 mhz in. Now come the questions, first can I in anyway set the limit scan to scan the cell feq now that they are prog into channels and can some point me in the direction of a list of freq divisions by the FCC, especially the location of cordless phone freqs

Dave
eth@tiamat.umd.umich.edu

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

1262. First Scanner, Need Help!

Newsgroup: rec.radio.scanner
Date: 1994-08-29 15:56:13 UTC
From: eth@tiamat.umd.umich.edu
Message-ID: <eth.778175349@tiamat.umd.umich.edu>
Source record: 269797
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Well I went out yesterday and got my first scanner, the PRO-51 on sale at radio shack. I lucked out because the sale ended on saturday but since they didn't remove the sale tag I got it at the 199.99 price (maybe a radio shack sales ploy?) Anyway I did the 2, 9, Lockout keycom and put the upper and lower limit cell freqs in just to have :) and put the mid range 50 to 60 and 88 mhz in. Now come the questions, first can I in anyway set the limit scan to scan the cell feq now that they are prog into channels and can some point me in the direction of a list of freq divisions by the FCC, especially the location of cordless phone freqs

Dave
eth@tiamat.umd.umich.edu

1263. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-29 16:08:10 UTC
From: Bill McCall <70003.4300@CompuServe.COM>
Message-ID: <33t15a$dq1$1@mhadf.inhouse.compuserve.com>
Source record: 269798

"
I don't think any of that makes any difference... both versions
of the 43 have the same model number and FCC ID.
The UN-modifiable versions of the Pro43 are labelled "Radio
Shack" (NOT "Realistic") on the box -and- on the silk-screen at
the bottom of the rig -and- their serial numbers begin with the
letter 'A'.
The modifiable versions of the Pro43 are labelled "Realistic" on
the box -and- the silk-screen at the bottom of the rig -and-
their serial numbers do NOT contain a leading 'A'.
- Mike (N9EUZ)

Mike,
I know for certain your information IS NOT CORRECT. Many
conflicting messages like this caused me to try the hardware mod
just to see who was right. My 43 says RADIO SHACK on it. It has
a prefix of A in the FCC-ID, It has the 3A4 datecode. To find
out for sure, I did the mod myself on my unit, found it worked
and then put the diode back <g>.

Bill

--
Clowns to the left of me, Jokers to the right, here I am stuck in
the Internet with you!

1264. Re: SSB above 30MHz

Newsgroup: rec.radio.scanner
Date: 1994-08-29 16:19:49 UTC
From: coolidge@zk3.dec.com
Message-ID: <33t1r5$9v0@jac.zko.dec.com>
Source record: 269810

Path: zk3.dec.com!coolidge
Newsgroups: rec.radio.scanner
Sender: coolidge@zk3.dec.com (Bayard Coolidge USG ZKO3-3/S20)
From: coolidge@zk3.dec.com (Bayard Coolidge USG ZKO3-3/V08)
Distribution: world
X-Newsreader: mxrn 6.18-20
References: <33f85s$a1u@bs33n.staffs.ac.uk> <33rsas$mkp@cyberspace.com>
Reply-To: coolidge@zk3.dec.com (Bayard Coolidge USG ZKO3-3/V08)
Organization: Digital Equipment Corporation
Subject: Re: SSB above 30MHz

Gary Clay (cstgmc@staffs.ac.uk) wrote:
: Hi there,
: I have for some time been interested in shortwave DXing.
: Do I need SSB above 30 Mhz.

: Many thanks
: Gary Clay.

and bvl@cyberspace.com (Gordon Helbert) replied:

: Hams use SSB on 2 Meters and 70 CM. Generally, in the
: lower parts of the band.

: 144.1 MHz. > Up
: 420.0 MHz. > Up

: There is also some CW activity, also generall at the bottom
: of the ham bands. I mention this because a SSB receiver
: can also be used to hear CW.

To which _I_ reply:

Don't forget 50.1 MHz. > Up (usually 50.1 to about 50.3),
particularly the weekend of 10-11 September, starting at
about 1800Z Saturday and going through 0300Z Monday for the
ARRL VHF Contest. Even though Gary is in the UK, there is a
fair amount of activity on the 6 Meter, er, Metre band in
Europe, most of it between 50.0 and 50.5 or so. (Maybe some-
one local over there can give us more details?).

Also, to amplify Gordon's comments, much of the SSB activity
will be found in 144.1 to 144.3 or so (and CW from 144.0 to
144.1), as well as up around 145.7-145.9 roughly, which is
where you might hear the downlinks from amateur satellites!

On the 70cm band (420-450 MHz. in the Americas, 430-450 in the rest of the world), most of the SSB and CW activity is around 432.0-432.5 and there is satellite activity from 435-438 MHz.

On occasion, some interesting propagation phenomena can occur, which can make for some mighty interesting listening. You might already be familiar with it from scanning FM frequencies, but there are a number of amateur beacons stations all over Europe which use CW or SSB, which you'd miss if you were just using FM.

You might want to poke around in the rec.radio.amateur.* newsgroups to get more information, particularly specifics from hams in your area.

73 de Bayard, N1HO
--
Bayard R. Coolidge N1HO DISCLAIMER: The opinions expressed are
Digital Equipment Corp. solely those of the author, and not
Nashua, New Hampshire, USA those of Digital Equipment Corporation
coolidge@zk3.dec.com nor any other entity.
"Brake for Moose - It can save your life" - N.H. Fish & Game Dept.

1265. FOR SALE PRO2005/BC100's

Newsgroup: rec.radio.scanner
Date: 1994-08-29 16:38:42 UTC
From: dana@urbana.mcd.mot.com
Message-ID: <1994Aug29.163842.3899@phx.mcd.mot.com>
Source record: 269806
Cross-posted to: rec.radio.swap,rec.radio.scanner

PRO2005 FOR SALE
Readio Shack PRO2005 for sale-Good condition $265.00 ups ground delivered USA

2 original Bearcat BC100 16 ch programmable portable scanners, one has leather case, one doesnot. $35.00 each delivered ups ground USA.

Email or call Dana at 602-438-3102

1266. Re: Scanners in Canada?

Newsgroup: rec.radio.scanner
Date: 1994-08-29 17:18:24 UTC
From: af177@FreeNet.Carleton.CA
Message-ID: <CvB42o.Kw@freenet.carleton.ca>
Source record: 269801

In a previous article, kbaser@rain.org (Ken Baser) says:

>Are there any problems taking a hand-held scanner into BC. I'm going to
>the Indy race and want to use it there. In particular, do the Canadian
>border people have any restrictions?
>
>

I can't answer the question directly from a Customs/border point, but perhaps the following will help.

The rules in Canada are not as severe as in the U.S.A. with respect to scanners and the cellular bands. The Criminal Code was amended about two years ago to make it a crime for anyone to intercept a radio-based telephone communication, maliciously, or for gain. There are no rules that prohibit sale of scanners that cover the cellular bands.

Like a number of regulations, this one is unenforceable and is impossible to monitor (pun intended), unless one is dumb enough to do something "maliciously, or for gain. That would mean, of course, that the person went public with the information. I suppose that they're out there!

1267. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-29 17:24:11 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug29.122411.2828@hnrc.tufts.edu>
Source record: 269799

In article <33rqdi$ps8@Mercury.mcs.com>, mikebo@MCS.COM (Michael Borowiec) writes:

> I don't think any of that makes any difference... both versions of
> the 43 have the same model number and FCC ID.
>
> The UN-modifiable versions of the Pro43 are labelled "Radio Shack"
> (NOT "Realistic") on the box -and- on the silk-screen at the bottom
> of the rig -and- their serial numbers begin with the letter 'A'.
>
> The modifiable versions of the Pro43 are labelled "Realistic" on
> the box -and- the silk-screen at the bottom of the rig -and- their
> serial numbers do NOT contain a leading 'A'.
> - Mike (N9EUZ)

It seems from this post that unmodifiable units have serial numbers starting with A. Has anyone held such a unit in his or her hands? The "Radio Shack" label may be irrelevant. I have *seen* such units with a manufacture date of 12A3 and no A in the serial number and have *heard* of such units with manufacture dates of 9A3.

1268. Re: Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-08-29 17:57:14 UTC
From: kbeck@netcon.smc.edu
Message-ID: <1994Aug29.175714.3316@netcon.smc.edu>
Source record: 269804

In Los Angeles and I would guess in most of the state of California the freeway call boxes connect to the local Highway patrol 911 operators. If you use them for a service call the 911 operator will transfer the call to a local towing provider. This does NOT mean AAA will always get the call If you say that you are a AAA member the 911 operator will foward the call to AAA. My understanding is that the Highway patrol wants you off the freeway as quickly (and safely) as possible. But, AAA does NOT have monopoly on providing freeway service. I am not sure if this is true in other parts of the state, but in Los Angeles, they have roving tow trucks that will assist you off the freeway as a service from the city or county.

BTW: LA Cellular and I'm sure other cellular services provide a "*" service. with LA Cellular you can dial "*222" (*AAA) and reach the AAA roadside assistance dispatch operator.

<Karl>

1269. Re: RS PRO-2006 Closeout

Newsgroup: rec.radio.scanner
Date: 1994-08-29 17:57:40 UTC
From: av@lns62.lns.cornell.edu
Message-ID: <00983ACE.65A66F60@lns62.lns.cornell.edu>
Source record: 269802

For those who have seen various prices above $300 for the PRO-2006:

At the Ithaca, NY hamfest on August 13, the local Radio Shack store had four
PRO-2006's priced at $199.95! They were new in the box, with full warranties.
They were doing this as a Hamfest special. Needless to say, they sold out
10 minutes after they announced the price on the PA. I bought one, figuring
that even if I didn't like it, selling it would be no problem. I do like
it, so don't ask to buy it. Yes, I do have an official Radio Shack receipt
that shows the catalog number and price. Why they blew it out so cheaply
is anyone's guess. I think they could have gotten a lot more, at least
if the letters in this group are any indication.

Al Venooker

---
^If one can / Alan Venooker N2MPD,SAC,ASEE,BLS,LSMFT
/ \ toucan! / Home address: 302 Woodgate Lane, Ithaca, NY 14850-8773
/0 0\ / Home phone: 607-277-4729 >6PM EDT
/ - \ / Lab phones: 607-255-4882(page), 607-255-4948(office) 8-4 EDT
/ ___/ \ / Lab address: Cornell University, Laboratory of Nuclear Studies
/ \ / Wilson Synchrotron, 694 Dryden Rd, Ithaca, NY 14853-8001
/ BigAl v E-mail: av@lns62.lns.cornell.edu, av15@cornell.edu

1270. Re: Pro-2006 30k steps?

Newsgroup: rec.radio.scanner
Date: 1994-08-29 19:11:15 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-290894121230@earl.llnl.gov>
Source record: 269805

In article <1994Aug29.071049.13176@lafn.org>, ab910@lafn.org (Matthew Davies) wrote:
>
>
> Is there a mod to give the Pro-2006 the 30khz steps that it has in the
> rest of the world? I hate using the 5khz setting. Way, way too slow.
> Thanks in advance..
> Matthew D.

The 2006 defaults to 30Khz steps in the two cell bands after modification. You may have to hit the reset to activate it the first time.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

1271. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-08-29 19:20:05 UTC
From: scan911@aol.com
Message-ID: <33tcd5$o0b@search01.news.aol.com>
Source record: 269807

In article <33seb5$h3a@balsam.unca.edu>, schuh@phys.unca.edu (Paul Schuh)
writes:

> She said that they (the store)
>figured that why bother charging for the catalog, when they could just
>take the coupons off the catalogs, and (I presume) send them to
>R-$hack Headquarter$ for store credit.

Must not be a company-owned store. Must be a franchise that could pull
that off. HQ would be all over their own stores if the computer didn't
see them selling the catalog.

Great idea.....if you want a catalog....go to a franchise store. Tell
them to keep the coupon and give you the catalog for free. WOW!

Chuck
scan911@aol.com

1272. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-29 19:33:47 UTC
From: flarsen@uclink.berkeley.edu
Message-ID: <flarsen-290894113347@flarsen.berkeley.edu>
Source record: 269803

In article <1994Aug27.111036.2827@hnrc.tufts.edu>, jerry@hnrc.tufts.edu (Jerry Dallal) wrote:

> Let's settle the PRO-43 question once and for all. The
> old, modifiable units had the model number 20-300 and the FCC
> ID AA020-300.
>
> (1) There have been reports that the unmodifiable units
> have different model numbers and/or FCC IDs. Would someone
> with a new unit *in hand* settle this?
>

I compared the last two units in stock at my local Radio Shack. One had the FCC-ID: AA020-300, the other one: AA020-300A.

I bought the first one.

I did not check the date code on the second one. The date code on the one I bought is 12A3. Serial number is in the 77K's. The scanner is at home, and I'm at work, but I can verify the serial number later, if it makes any difference.

The date code is on a sticker inside the battery compartment. On the one I bought, it is also on the back of the box.

Could someone please repost the meaning of the date code? It is my understanding, that 12A3 means 12th month of 1993. Is that correct?

A friend of mine mentioned that the last modifiable PRO-43s were made before April 1994. I don't know if this is correct and I don't know where he got the information from, but his information is usually reliable.

As I have stated before, I have not tried to do any modifications to my PRO-43. I have no immediate plans for doing any, and if I did, I wouldn't tell anybody about it.

-- Flemming Larsen flarsen@uclink.berkeley.edu

1273. RS Scanners Delayed

Newsgroup: rec.radio.scanner
Date: 1994-08-29 19:37:26 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778171046@f747.n115.z1>
Source record: 269637

The following 1995 RS scanners have been delayed until these dates:

20-413 Pro2038 Preprog 800MHz 10/15/94

20-461 Pro2037 200 Ch 800MHz 10/15/94

20-462 Pro2039 200 Ch 800MHz 10/31/94

20-503 Pro24 16 Ch 800MHz 10/15/94

20-505 Pro25 100 Ch 800MHz 10/31/94

Thanks to Jeff Goldman of CIS Hamnet for this info...

Jerry

___ Blue Wave/QWK v2.12

1274. Re: Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-08-29 19:46:39 UTC
From: tweek@netcom.com
Message-ID: <tweekCvBAxr.K5K@netcom.com>
Source record: 269808

cgwh@chevron.com (Curtis Wheeler) writes:
>In article <33nv77$eud@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:
>
>>But, alas, if you use a freeway callbox, or call the CHP through 911, in
>>California if you say your car has broken down, and then you say you're
>>an Auto Club member, they will automatically forward your call to the
>>AAA from the CHP operator, so you can talk to them...
>>So the CHP = AAA over here.
>
>And furthermore...most of the call boxes being installed (in northern CA) are,
>yes, solar powered(battery) cell phones. Pick up one of those and the call is
>answered by the same people that answer when you call 911 on your own cell
>phone - the CHP.

But calling from a roadside callbox is NOT the same as calling from a
vehicular cell phone... although it goes into the same 911 dispatch center,
and goes to the same 911 operators, the callboxes enter the dispatch center
with a lower priority than vehicular-911 and interagency transfer calls.

I can't remember the exact order of the prioritization, I believe it is:

1) landline 911 and vehicular cell calls
2) interagency transfers 911 transfers
3) roadside callboxes

[All the above still considered 911 however. Zenith 12000 might be in
there too... possibly as interagency]

?) Non-emergency calls.

1275. Re: NASCAR Freqs

Newsgroup: rec.radio.scanner
Date: 1994-08-29 20:13:04 UTC
From: engleae@o233-29.nextwork.rose-hulman.edu
Message-ID: <33tfgg$bvf@master.cs.rose-hulman.edu>
Source record: 269820

Hello! I am looking for some NASCAR frequencies. If anyone knows of any that are actively used and would be some good stuff to listen to, could you please send them to me? Thanks! I greatly appreciate your help!

(EngleAE@nextwork.Rose-Hulman.Edu)

1276. Re: Mobile Antenna?

Newsgroup: rec.radio.scanner
Date: 1994-08-29 21:30:59 UTC
From: dingman+@cs.cmu.edu
Message-ID: <33tk2j$lp7@casaba.srv.cs.cmu.edu>
Source record: 269811

In article <33l7gi$2t9@es.com>,
Jerry Williams x2824 <jwilliam@Endor.sim.es.com> wrote:
>I am looking for a magnetic mount antenna for my car for scanning.
>RS has one for $29 and I have seen a couple advertised in Pop. Com.
>that cost about $19. Does anyone have any suggestions or experience
>on if one is any better than the other.
>Thanks for any help,
> Jerry
>

Jerry,

I don't know if this is an option for you or not, but a friend and I
just used a couple of parts from Radio Shack to attach our scanners
to the AM/FM antennas in our cars (we were most interested in the
154-158 band, BTW):

1) I went from using a Pro-43 sitting on the dash, to the same '43 on
the floor attached to the car antenna and get much better reception (of
course!).

2) My friend went from using a mag-mount antenna connected to a
Bearcat (mounted mobile) scanner, to using the AM/FM and can't tell
the difference.

In my friend's case, we swapped back and forth in various drop-out
zones around the area we live and couldn't tell any difference.

Just my own experience, and certainly no plug for RS! :-P

- Chris

+---+
| Christopher P. Dingman |
| Electrical and Computer Eng. Dept. dingman@ece.cmu.edu |
| Carnegie Mellon University (412) 268-7119 |
| 5000 Forbes Ave |
| Pittsburgh, PA 15213 |
+---+

1277. Re: *** T R I G G E R F I S H ***

Newsgroup: rec.radio.scanner
Date: 1994-08-29 21:43:02 UTC
From: warren@bluesky.com
Message-ID: <33tkp6$ia1@pdx1.world.net>
Source record: 269809
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Glen,
Would you consider not cross-posting this thread to rec.radio.scanner
or alt.radio.scanner? Please?

Warren Leach, Cruise Director
Blue Sky Research, Portland, Oregon

In article <CvAwps.779@rci.ripco.com>
glr@ripco.com (Glen Roberts) writes:

> No, not at all. Harris Corporation threatened me with civil and criminal
> action for an article I wrote (1 paragraph) about the Triggerfish in issue
[stuff deleted]
> ------------------------------------
> Glen L. Roberts, Editor, Full Disclosure Magazine
> Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
> email glr@rci.ripco.com for information on The Best of Full Disclosure,
> four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
> No record. No Trace calling: 1-900-STOPPER (786-7737). $1.95/min
> ------------------------------------

1278. Re: Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-08-29 22:08:07 UTC
From: af546@yfn.ysu.edu
Message-ID: <33tm87$22i@news.ysu.edu>
Source record: 269812

In greater Cincinnati, roadside call boxes are celluar transceivers with tamper devices to include a high decibal alarm on each unit. Theft of these newer units have been reduced though damage and vandalizm remains the same.

Due to the use of celluar service prioity of both conventional celluar service and these call boxes are the same here in Cincy.

Sorry for the spelling....in a hurry
--

1279. Re: *** T R I G G E R F I S H ***

Newsgroup: rec.radio.scanner
Date: 1994-08-29 22:08:26 UTC
From: jburrell@crl.com
Message-ID: <jburrell.8.001624AE@crl.com>
Source record: 269634
Cross-posted to: alt.2600,rec.radio.scanner,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk,dc.media

In article <lynch-2908942030320001@lynch.ils.nwu.edu> lynch@ils.nwu.edu (Richard Lynch) writes:
>Path:
>nntp.crl.com!decwrl!hookup!swrinde!howland.reston.ans.net!gatech!psuvax1!news.ec
>n.bgu.edu!anaxagoras.ils.nwu.edu!lynch.ils.nwu.edu!user
>From: lynch@ils.nwu.edu (Richard Lynch)
>Newsgroups:
>alt.2600,rec.radio.scanner,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.
>talk,dc.media
>Subject: Re: *** T R I G G E R F I S H ***
>Date: 30 Aug 1994 01:07:08 GMT
>Organization: ILS
>Lines: 13
>Distribution: inet
>Message-ID: <lynch-2908942030320001@lynch.ils.nwu.edu>
>References: <Cv7MDB.E3A@rci.ripco.com>
>NNTP-Posting-Host: lynch.ils.nwu.edu
>Xref: nntp.crl.com alt.2600:20859 rec.radio.scanner:11886 alt.privacy:13517
>chi.media:89 alt.radio.scanner:10188 comp.org.eff.talk:30365

>In article <Cv7MDB.E3A@rci.ripco.com>, glr@ripco.com (Glen Roberts) wrote:

>| P A I D A D V E R T I S E M E N T*1

>Even *I* figured out this one was a joke before I flamed Glen and his
>provider. 'Course, I didn't get the full joke, 'cuz I didn't know it was
>a parody of a real ad. OTOH, I don't think it's all that funny know that
>I do know.

It was a pretty damn funny one as well. It had me laughing for a while. I
still feel like printing it and...err, nevermind. :)

1280. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-29 22:30:43 UTC
From: mikebo@MCS.COM
Message-ID: <33tnij$1u4@Mercury.mcs.com>
Source record: 269813

In article <1994Aug29.122411.2828@hnrc.tufts.edu>,
Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
>In article <33rqdi$ps8@Mercury.mcs.com>, mikebo@MCS.COM (Michael Borowiec) writes:
>
>> I don't think any of that makes any difference... both versions of
>> the 43 have the same model number and FCC ID.
>>
>> The UN-modifiable versions of the Pro43 are labelled "Radio Shack"
>> (NOT "Realistic") on the box -and- on the silk-screen at the bottom
>> of the rig -and- their serial numbers begin with the letter 'A'.
>>
>> The modifiable versions of the Pro43 are labelled "Realistic" on
>> the box -and- the silk-screen at the bottom of the rig -and- their
>> serial numbers do NOT contain a leading 'A'.
>> - Mike (N9EUZ)
>
>
>It seems from this post that unmodifiable units have serial numbers starting
>with A. Has anyone held such a unit in his or her hands? The "Radio Shack"
>label may be irrelevant. I have *seen* such units with a manufacture date of
>12A3 and no A in the serial number and have *heard* of such units with
>manufacture dates of 9A3.

Perhaps the "Radio Shack" label isn't as significant as the leading 'A'
in the serial number. I was told by two reliable sources (one a RS
employee, the other a private investigator who jumped though hoops to
get the "International" version) that the 'A' in the serial number
(not the FCC ID) is the giveaway that the scanner is NOT modifiable.

Yes, I had one in my hands yesterday, asked the clerk if there
were any WITHOUT the 'A' and luckily he had one left. The writer
above claims he mod'ed his unit with a 'A' in the serial number and
it worked... so go figure! Doesn't someone have the real scoop?
- Mike
--

Michael Borowiec All tied to their things,
mikebo@MCS.COM they are netted by the strings...
Free to flutter, in memory of
their wasted wings... P.Gabriel

1281. Master Frequency File: Re

Newsgroup: rec.radio.scanner
Date: 1994-08-29 22:58:00 UTC
From: MC@SHORE.SHORE.NET
Message-ID: <93.728.7592.0NFB2F7B@SHORE.SHORE.NET>
Source record: 269560

Message-ID: <33tp7i$atu@shore.shore.net>
Newsgroup: rec.radio.scanner,alt.radio.scanner,rec.ham-radio
rec.radio.amateur.misc
Organization: North Shore Access; a service of Eco Software, Inc.

Radio monitoring is, as we all know, a fascinating hobby whether it is shortwave listening or to higher frequencies on a scanner. However, its often difficult to know where to listen for specific kind of traffic or to identify what you're hearing. The SW broadcast area is well covered by the WORLD RADIO HANDBOOK, RADIO DATABASE and other publications and the utility bands have the GILFER and KLINGENFUSS guides. However, the scanner buff has a bit of a problem. Due to the fact that most of the VHF-UHF bands are pretty much line-of-sight, reference materials have to be regional in nature. Those scanner listeners who are lucky to live in certain areas like New York City, Boston and other large Metro regions have access to the SCANNER MASTER publications and there are, of course, specialized materials such as books covering the Aeronautical bands available. THE MASTER FREQUENCY FILE by James Tunnell and Robert Kelty (TAB Books Division of McGraw Hill, ISBN 0-8306-4131-9 $29.95) is one of these reference materials which covers U.S. Federal agencies all across the country.

THE MASTER FREQUENCY FILE is an awesome compilation of frequencies, callsigns and user IDs on the 25MHz to 2110 MHz radio spectrum and makes it easy to find and listen to communications from hundreds of sources including:

- The Federal Bureau of Investigation (FBI)

- Drug Enforcement Administration (DEA)

- U.S. Secret Service (USSS)

- U.S. Customs Service (CUSTOMS)

- Internal Revenue Service (IRS)

- Immigration & Naturalization Service (INS) and the Border Patrol

- U.S. Marshal Service

- National Park Service (NPS)

- Alcohol, Tobacco and Firearms (ATF)

- Bureau of Prisons

- Federal Communications Commission (FCC)

and a whole lot more.....

THE MASTER FREQUENCY FILE is national in scope and organized by state. Also included are state maps showing counties, some simple BASIC computer programs, a discussion on secure voice communications and a master resource file. This is a list of a variety of specialized sources, publications and recources around the world ready to assist the radio hobbyist or professional in finding that specific organization, fact, facility or product that is difficult to locate. This also lists U.S. military installations worldwide and a compilation of international Aerospace, Security and Defense exhibitions arranged by month.

THE MASTER FREQUENCY FILE is a bit expensive at $29.95 but well worth it if you are into monitoring Federal radio communications. Authors Tunnell (also author of LATEST INTELLIGENCE published by TAB BOOKS) and Kelty have done an excellent job of organizing this wealth of information into a ready reference work where the answer to your question can be found quickly. In my opinion the master resource file (which is over 125 pages of contacts) is extremely valuable and more than adequately justifies the $30.00 price tag.

Michael Crestohl KH6KD/W1

--- FidoPCB v1.5 beta-'j'
* Origin: The Silicon Garden BBS / Coram, NY / (1:2619/211)

1282. MASTER FREQUENCY FILE: Review and critique

Newsgroup: rec.radio.scanner
Date: 1994-08-29 22:58:58 UTC
From: mc@shore.shore.net
Message-ID: <33tp7i$atu@shore.shore.net>
Source record: 269815
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.ham-radio,rec.radio.amateur.misc

Radio monitoring is, as we all know, a fascinating hobby whether it is shortwave listening or to higher frequencies on a scanner. However, its often difficult to know where to listen for specific kind of traffic or to identify what you're hearing. The SW broadcast area is well covered by the WORLD RADIO HANDBOOK, RADIO DATABASE and other publications and the utility bands have the GILFER and KLINGENFUSS guides. However, the scanner buff has a bit of a problem. Due to the fact that most of the VHF-UHF bands are pretty much line-of-sight, reference materials have to be regional in nature. Those scanner listeners who are lucky to live in certain areas like New York City, Boston and other large Metro regions have access to the SCANNER MASTER publications and there are, of course, specialized materials such as books covering the Aeronautical bands available. THE MASTER FREQUENCY FILE by James Tunnell and Robert Kelty (TAB Books Division of McGraw Hill, ISBN 0-8306-4131-9 $29.95) is one of these reference materials which covers U.S. Federal agencies all across the country.

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- U.S. Customs Service (CUSTOMS)

- Internal Revenue Service (IRS)

- Immigration & Naturalization Service (INS) and the Border Patrol

- U.S. Marshal Service

- National Park Service (NPS)

- Alcohol, Tobacco and Firearms (ATF)

- Bureau of Prisons

- Federal Communications Commission (FCC)

and a whole lot more.....

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file. This is a list of a variety of specialized sources, publications and recources around the world ready to assist the radio hobbyist or professional in finding that specific organization, fact, facility or product that is difficult to locate. This also lists U.S. military installations worldwide and a compilation of international Aerospace, Security and Defense exhibitions arranged by month.

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Michael Crestohl KH6KD/W1

1283. Re: *** T R I G G E R F I S H ***

Newsgroup: rec.radio.scanner
Date: 1994-08-29 22:59:27 UTC
From: glr@ripco.com
Message-ID: <CvBJv3.KK2@rci.ripco.com>
Source record: 269816
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Warren Leach (warren@bluesky.com) wrote:
: Glen,
: Would you consider not cross-posting this thread to rec.radio.scanner
: or alt.radio.scanner? Please?

: Warren Leach, Cruise Director
: Blue Sky Research, Portland, Oregon

Absolutely not. It is directly relevant. Not only is the Triggerfish a scanner accessory, it is directly relevant to the supposed legislation you all think I am gonna get passed that will outlaw all your little scanners.

Would you, PLEASE worry about what you want to say and not what you want other people NOT TO SAY.

: In article <CvAwps.779@rci.ripco.com>
: glr@ripco.com (Glen Roberts) writes:

: > No, not at all. Harris Corporation threatened me with civil and criminal
: > action for an article I wrote (1 paragraph) about the Triggerfish in issue
: [stuff deleted]

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
No record. No Trace calling: 1-900-STOPPER (786-7737). $1.95/min
---

1284. Modifications for Transmitting

Newsgroup: rec.radio.scanner
Date: 1994-08-29 23:15:53 UTC
From: philo@interaccess.com
Message-ID: <philo.10.0017441D@interaccess.com>
Source record: 269632

I have heard several rumors that there were modifications available to make your scanner transmit, is any of this true? Where would you look for info on such a thing? You would have to have some sort of license I'm sure...Any info would be appreciated.
Dr. Funk, Captain of the infinite regress and other paradoxes.
Knower of the secret of Nimh. AKA Tweet Birdy Bird.

1285. Encryption (was Re: For cops who dont like scanners:READ!)

Newsgroup: rec.radio.scanner
Date: 1994-08-29 23:23:07 UTC
From: zinser@yikes.crd.ge.com
Message-ID: <CvBKyJ.I80@crdnns.crd.ge.com>
Source record: 269817

|> In article <33h4a1$g10@hebron.connected.com> daheinen@connected.com (Dean Heinen)
writes:

<stuff deleted>

|> >
|> >The ONLY way you will "get a break" is if your department is savvy enough
|> >to go to encrypted signals. No, I'm not talking about the silly "voice
|> >scramblers" sold by Motorola and GE, I'm talking about the use of proper
|> >technology for private communications. Like 64 kilobit spread spectrum ,
|> >and the data stream encrypted with a decent DES algorithm.
|> >

<more stuff deleted>

|> >Dean
|> >
|> >(a professional communications engineer, with no patience for the absurd)
|> >

Gee, the last time I checked, the GE (EGE) Voice Guard and Aegis systems were
fully digital, 9.6 kb/sec, *DES encrypted* radios. I believe I still
have a copy of the NSA approval certificate somewhere in my files (if only
my files were organized :-).

Neither system uses spread spectrum, but employs a single voice channel
per each carrier, using a Gaussian filtered NRZ signal applied to the FM
modulator. The emmissions fit within the FCC mask for the 25 kHz spaced
LMR services. Spread spectrum would require re-allocating a large portion
of the band.

IMHO, 64 kb/sec speech is a waste of valuable bandwidth for "comm quality"
radios. Voice Guard and Aegis use different forms of subband coding for
speech compression to approximately 9.2 kb/sec.

The Aegis system was used by the Norwegian authorities during the winter
Olympics, albeit under the Ericsson label.

These systems seem to be selling pretty well, so I guess more and more
departments are moving into the non-"silly scrambler" arena. Too bad
for us!

-Rick
("Have I got a used vocoder for you!")

P.S. Anyone interested in the bit stream format? :-) :-) :-)
(yeh, I'm joking....)

1286. Re: *** T R I G G E R F I S H ***

Newsgroup: rec.radio.scanner
Date: 1994-08-29 23:32:53 UTC
From: rja@Eng.Sun.COM
Message-ID: <33tr75$hlv@engnews2.Eng.Sun.COM>
Source record: 269818

In article E3A@rci.ripco.com, glr@ripco.com (Glen Roberts) writes:
>
> P A I D A D V E R T I S E M E N T*1
>
> You Can Invade Privacy!
>
> It is quick and easy with our Illegal Wiretapping equipment!
>
>Our Triggerfish product is especially helpful in those illegal wiretapping
>cases. Your risk of getting caught is virtually zero.

Uhhhh, what is the point of this message? Is it to harass
whoever makes whatever this Triggerfish thing is? If so
I think it's misplaced. I think everyone should have one.

Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

The Constitution of the United States: R.I.P, 8/26/94

1287. NASCAR Freqs

Newsgroup: rec.radio.scanner
Date: 1994-08-30 00:06:24 UTC
From: engleae@g310c12.nextwork.rose-hulman.edu
Message-ID: <33tt60$dc4@master.cs.rose-hulman.edu>
Source record: 269641

Hello! Does anyone know of any active NASCAR frequecies? I am looking for something good to listen to. Thanks in advance for sending them to me!

(engleae@nextwork.rose-hulman.edu)

1288. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-30 00:07:06 UTC
From: scott@Convergent.Com
Message-ID: <33tt7a$psp@ctnews2.sj.unisys.com>
Source record: 269821

In article <kPeIkastekm7065yn@cris.com>, gbelton@cris.com (Gerald Belton) writes:
|> In article <CuByLn.27C@metronet.com>, Charles Copeland wrote:
|> > Makes me nervous as to what behavoir they are up to that would
|> > make them uncomfortable with the public to have the ability to
|> > hear them.
|>
|> Two word: Rodney King
|>
Rodney King:

High, violent, and doing 100MPH on the freeway.

Not that I excuse the behavior (as evidenced by a amateur
video tape taken in darkness from a single angle mostly after
the fact) of the
LAPD in the RK case, but you have to look at it from the
point of view of the officer sometimes; listen, every call
they go on, they can expect violence to be directed at them;
when it is (i.e. someone obviously under the influence, who has
been pursued quite a distance on the freeway at > 100MPH), they
will respond strongly.

|>
|>
|>
|> gb

1289. Re: Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-30 00:14:20 UTC
From: g9153402@huey.csun.edu
Message-ID: <33ttks$5a9@nic-nac.CSU.net>
Source record: 269819

Andy Domonkos (domonkos@access.digex.net) wrote:
> In article <Cv5Ju2.GG6@world.std.com>, Jerry Dallal wrote:
> > I predict that the removal of
> > restrictions will coincide with the widespread adoption of digital and
> > encrypted transmissions, so it's all moot in any case. The ECPA is
> > merely a weak attempt to buy the cell industry a few years to convert.

> Not likely. Now that Uncle Charlie has been auctioning off radio spectrum
> for commercial use, those new owners are pursuing similar ECPA laws
> protecting their new 'investments'. The bullshit never seems to end...

> Andy

Gee, I hope not. If so, maybe in several years, you'll see this on a
scanner ad:

Full coverage from 29 - 1300 Mhz, except 29.5 thru 53, 109-136, 138-143,
145-511, 513-823, 824-851, 853-868, 869-896, 897-1299. Only $599.99.
Also included is the auto-blockout feature, now required by the FCC,
that allows radio spectrum users to automatically blow-up your scanner
if you tune into their frequencies....

1290. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-30 01:04:23 UTC
From: copeland@metronet.com
Message-ID: <CvBpnB.yI@metronet.com>
Source record: 269626

In article <33smof$3bh@usenet.ins.cwru.edu>,
Eric J. Hess <ah595@cleveland.Freenet.Edu> wrote:
>
>In a previous article, jtomason@li.net (Joe Tomasone) says:
>
>>In article <33j38v$uk@giga.bga.com>, ares@bga.com (Steve Gibson) says:
>>
>
>This reminds me of the time I lived in Cleveland. It was late on a
>Saturday night. I was just getting ready for bed. When I went to close
>the front door, I heard a car screech to a stop. I looked outside and
>saw someone in a small pickup stop next to a car parked on the street.
>Next the passenger threw something in the driver side window. The
>pickup took off and in about a second, the parked car blew up. I called
>911 and the fire dept. was there in a flash. They had the fire out in
>seconds. I went out and told one of the firemen what I saw. He made me
>feel like I was a jerk and was intruding. Like I said, it was late and
>I was the only one outside. I vowed never again to get involved. I have
>had other chances, but haven't. I have since moved to the burbs.

I was kidnapped at gunpoint 10 years ago in Dallas. The gunman wanted
me to drive him to Oklahoma. Luckily, the tank was almost empty and I
convinced him to stop for gas before we got out of town. I ran for it
at the gas station and manage to get away without being killed. I heard
him empty his gun down the street at someone. When the cops came,
they wouldn't even take finger prints from my car!

Just lately, an attempted breakin of my car took place. I heard them,
looked out, saw them before they quickly ran off. They broke into
eight cars in the complex that night. Later that week I spotted them
and reported their liscense plate to the cops with details. Not a
thing has happened to them, as I see them regularly now. I've called
the detective several times, but he never returns my call. I'm tempted
to do some vigulante style justice if this keeps up. ;(

Lousy cops aren't good for anything other than collecting more tax
money via traffic tickets.

--

| copeland@metronet.com |

1291. Re: *** T R I G G E R F I S H ***

Newsgroup: rec.radio.scanner
Date: 1994-08-30 01:07:08 UTC
From: lynch@ils.nwu.edu
Message-ID: <lynch-2908942030320001@lynch.ils.nwu.edu>
Source record: 269824
Cross-posted to: alt.2600,rec.radio.scanner,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk,dc.media

In article <Cv7MDB.E3A@rci.ripco.com>, glr@ripco.com (Glen Roberts) wrote:

| P A I D A D V E R T I S E M E N T*1

Even *I* figured out this one was a joke before I flamed Glen and his
provider. 'Course, I didn't get the full joke, 'cuz I didn't know it was
a parody of a real ad. OTOH, I don't think it's all that funny know that
I do know.

--
--
--
-- "TANSTAAFL" Rich lynch@ils.nwu.edu

1292. opinion on handhelds

Newsgroup: rec.radio.scanner
Date: 1994-08-30 01:07:50 UTC
From: soliver@helix.net
Message-ID: <33u0p6$cqp@vertigo.helix.net>
Source record: 269822

Im looking for opinions on various handhelds. Im interested in purchasing one and would like to know which handheld scanner is best in features and quality. Any input would be great. thanks.

--
+---+
Sean R. Oliver <soliver@helix.net>
* PGP KEY BY FINGER OR PGP SERVERS *
+---+

1293. Re: No more alt.radio.sca

Newsgroup: rec.radio.scanner
Date: 1994-08-30 01:23:00 UTC
From: paul.cordingley@canrem.com
Message-ID: <60.7658.5773.0N1ACAE8@canrem.com>
Source record: 269633

-=> Quoting Shawn4sk1@aol.com to All <=-

Sh> From now on I plan to only read and post to REC.RADIO.SCANNER. There
Sh> are twice as many postings on it in one day than on ALT.RADIO.SCANNER-
Sh> I don't see the need to see the same half a dozen messages twice when
Sh> people cross-post (I've been guilty of it myself) knowing most of us
Sh> check out both places anyway. This way if people know we're only going
Sh> to support REC.RADIO.SCANNER, the other will slowly fade away and we
Sh> can all condense our efforts into one big happy family. :-)

Sh> What do you say? Are you with me? Well, I'm with me...it'll sure cut
Sh> down on AOL time and save my $$$. Good Luck! :-)

Sh> Shawn4SK1

IMHO we the people who read these groups ought to reach a consensus about what goes into each newsgroup and stick to it. My humble suggestion: Let's all agree that REC.RADIO.SCANNER is the place for technical and factual information exchange - frequencies, antennas, how different radio technologies work, etc. And let's all agree that ALT.RADIO.SCANNER is the forum for broader discussion or non-technical issues - laws, freedoms, ethics, opinions about commercial practices, etc. Both types of discussions are quite valid but each have a time and a place and probably ought to function separately.

I don't know much about how Usenet is governed. I gather there is some official process far-away to structure newsgroups, but I've always preferred grassrooots consensus to official decisions anyways.

Paul

... Scannist paranoia: when you think scrambled messages are all about you
--- Blue Wave/QWK v2.10

1294. Re: *** T R I G G E R F I S H ***

Newsgroup: rec.radio.scanner
Date: 1994-08-30 02:04:39 UTC
From: warren@bluesky.com
Message-ID: <33u43n$kh8@pdx1.world.net>
Source record: 269625
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <CvBJv3.KK2@rci.ripco.com>
glr@ripco.com (Glen Roberts) writes:

> Warren Leach (warren@bluesky.com) wrote:
> : Glen,
> : Would you consider not cross-posting this thread to rec.radio.scanner
> : or alt.radio.scanner? Please?
>
> : Warren Leach, Cruise Director
> : Blue Sky Research, Portland, Oregon
>
> Absolutely not. It is directly relevant. Not only is the Triggerfish a
> scanner accessory, it is directly relevant to the supposed legislation
> you all think I am gonna get passed that will outlaw all your little
> scanners.

Glen,
I just asked (nicely I might add). There is no mention in my post of
the relevancy of your article. Sounds like you were preloaded about
someone suggesting that it isn't relevant. It's just that I'm growing
weary of your tirades. First a transcript of your phone call to the
White House, now an advertising parody, poorly thought out at that.
Just so much noise, Glen.

> Would you, PLEASE worry about what you want to say and not what you want
> other people NOT TO SAY.

OK. Piss off. Please.

Warren Leach, Cruise Director
Blue Sky Research, Portland, Oregon

1295. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-30 02:11:15 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug29.211115.2829@hnrc.tufts.edu>
Source record: 269823

Bill McCall <70003.4300@CompuServe.COM>
> My 43 says RADIO SHACK on it. It has
> a prefix of A in the FCC-ID, It has the 3A4 datecode. To find
> out for sure, I did the mod myself on my unit, found it worked
> and then put the diode back <g>.

I think Mike's wrong, too, but his claim was about the serial number, not the FCC-ID. To hear that a 3A4 was modified . . . that's "news you can use"! What was the serial number?
Thanks.

flarsen@uclink.berkeley.edu (Flemming Larsen)
> I compared the last two units in stock at my local Radio Shack. One had
> the FCC-ID: AA020-300, the other one: AA020-300A.

More news you can use! A report of model number AA020-300*A* being spotted. Oh, how I'd like to know the date of manufacture! All the local RS's here have nothing later than 12A3.

> I did not check the date code on the second one. The date code on the one
> I bought is 12A3. Serial number is in the 77K's. The scanner is at home,
> and I'm at work, but I can verify the serial number later, if it makes any
> difference.

Since a 3A4 was reported modifiable, it's probably not necessary.

> Could someone please repost the meaning of the date code? It is my under-
> standing, that 12A3 means 12th month of 1993. Is that correct?

It is supposed to be so. The cynic might add, "but we're talking RS, here" but I wouldn't.

> As I have stated before, I have not tried to do any modifications to my
> PRO-43. I have no immediate plans for doing any, and if I did, I wouldn't
> tell anybody about it.

But it's not illegal to modify (or so I've been told) so why be concerned? Dealers can't modify because they would then be selling gear that isn't type accepted. Does it matter if the owner modifies a receiver (vis-a-vis FCC regulations. I suppose they'd get bent out of shape if it were a type accepted transmitter.)? Anyone care to set me straight by citing chapter and verse?

1296. Re: No more ALT.RADIO.SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-08-30 02:16:24 UTC
From: kjn@netcom.com
Message-ID: <kjnCvBszC.BG6@netcom.com>
Source record: 269629

Shawn4sk1 (shawn4sk1@aol.com) wrote:

: From now on I plan to only read and post to REC.RADIO.SCANNER.

: the other will slowly fade away and we can all condense our efforts into
: one big happy family. :-)

: What do you say? Are you with me? Well, I'm with me...it'll sure cut down
: on AOL time and save my $$$. Good Luck! :-)

All's you have to do is unsubscribe...
However, if you care to cruise the USENET groups you'll find MANY with 0
messages. *Your* provider might drop the feed if enough people request
it but I'd doubt it. They like the money you spend reading double
postings...

Many of us enjoy _full_access and I for 1 will continue to check it.
There are still some host providers that don't echo rec. newsgroups but
they do carry alt. groups... go figure?!?!?!
--
Ken Navarre
kjn@netcom.com

1297. Need mx7000 mods

Newsgroup: rec.radio.scanner
Date: 1994-08-30 02:29:44 UTC
From: paulot@cais2.cais.com
Message-ID: <33u5io$crn@news.cais.com>
Source record: 269627

Hi there.Just recently got a Regency mx7000 scanner for my old scanner collection.
Anyone know of any mods/fixes for this neat radio?I'll be mostly apreciated...

Paulo,N3MGA

1298. Re: RS PRO-2006 Closeout

Newsgroup: rec.radio.scanner
Date: 1994-08-30 02:38:49 UTC
From: tbodoh@pipeline.com
Message-ID: <33u63p$kg4@pipe1.pipeline.com>
Source record: 269628

The local Radio Shack guy said that a store in California
put out an order for 1000 PRO2006's, so many wer pulled from
store stocks to fill that order. I suspect that the store in CA is a
non-company store, and will sell them under the $359. Anyone in
California heard anything?

1299. Re: *** T R I G G E R F I S H ***

Newsgroup: rec.radio.scanner
Date: 1994-08-30 03:12:57 UTC
From: glr@ripco.com
Message-ID: <CvBvLL.3oo@rci.ripco.com>
Source record: 269635
Cross-posted to: alt.2600,rec.radio.scanner,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk,dc.media

Richard Lynch (lynch@ils.nwu.edu) wrote:
: In article <Cv7MDB.E3A@rci.ripco.com>, glr@ripco.com (Glen Roberts) wrote:

: | P A I D A D V E R T I S E M E N T*1

: Even *I* figured out this one was a joke before I flamed Glen and his
: provider. 'Course, I didn't get the full joke, 'cuz I didn't know it was
: a parody of a real ad. OTOH, I don't think it's all that funny know that
: I do know.

It's not supposed to be funny. It is supposed to be reality.

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
No record. No Trace calling: 1-900-STOPPER (786-7737). $1.95/min
---

1300. SHUT UP! Was Trigger Fish

Newsgroup: rec.radio.scanner
Date: 1994-08-30 03:20:45 UTC
From: glr@ripco.com
Message-ID: <CvBvyn.3w9@rci.ripco.com>
Source record: 269631
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Warren Leach (warren@bluesky.com) wrote:
: In article <CvBJv3.KK2@rci.ripco.com>
: glr@ripco.com (Glen Roberts) writes:

: > Warren Leach (warren@bluesky.com) wrote:
: > : Glen,
: > : Would you consider not cross-posting this thread to rec.radio.scanner
: > : or alt.radio.scanner? Please?
: >
: > : Warren Leach, Cruise Director
: > : Blue Sky Research, Portland, Oregon
: >
: > Absolutely not. It is directly relevant. Not only is the Triggerfish a
: > scanner accessory, it is directly relevant to the supposed legislation
: > you all think I am gonna get passed that will outlaw all your little
: > scanners.

: Glen,
: I just asked (nicely I might add). There is no mention in my post of
: the relevancy of your article. Sounds like you were preloaded about
: someone suggesting that it isn't relevant. It's just that I'm growing
: weary of your tirades. First a transcript of your phone call to the
: White House, now an advertising parody, poorly thought out at that.
: Just so much noise, Glen.

If it's relevant, then it should be posted here. Any suggestion that it
not be here... is obviously a request that someone shut up...

I could really careless whether you are tired of my "tirades" or not. It
is not part of my decision whether or not to post something. (Except this
tirade, of course).
: > Would you, PLEASE worry about what you want to say and not what you want
: > other people NOT TO SAY.

: OK. Piss off. Please.

: Warren Leach, Cruise Director
: Blue Sky Research, Portland, Oregon

Well... put me in your kill file...

Or... welcome to the Information Super Highway... were 99% of the
traffic is telling someone to shut up!
--

Glen L. Roberts, Editor, Full Disclosure Magazine

Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
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four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
No record. No Trace calling: 1-900-STOPPER (786-7737). $1.95/min
---

1301. Re: Discone antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-30 03:40:33 UTC
From: Jack Meyers <jackmeyers@delphi.com>
Message-ID: <B4xR+QZ.jackmeyers@delphi.com>
Source record: 269630

I have both a discone with a vertical element that I added and the Radio Shack tri-band wonder antenna. For the most part, the $29 Radio Shack antenna wins, and it usually wins big especially in VHF-Low and 800/900 MHz. They're dead even around 2m up through the cops. And the Radio Shack antenna (the tri-band one, that is) does a much better job on UHF than my discone ever did.

Bottom line - get the $29 antenna, stick some good 52 ohm coax on it (forget the TV coax. It always seems to give me some serious losses that I never notice until I switch over to RG-8 for some odd reason and am amazed at what I can suddenly pick up) Keep the discone for that cheap scanner you have (you do have a cheap extra scanner, don't you???)

1302. Re: Ignore

Newsgroup: rec.radio.scanner
Date: 1994-08-30 04:06:06 UTC
From: KevinW@ix.netcom.com
Message-ID: <33ub7e$52i@ixnews1.ix.netcom.com>
Source record: 269638
Cross-posted to: rec.radio.scanner,oau.news

In <CvAB5A.KHA@maestro.maestro.com> GWOODY@maestro.maestro.com (G Woody) writes:

>
>Steven Bradley (steven@sgb.oau.org) wrote:
>>
>> Ohhhh great! Some folks were right... they *have* arrived!
>> (now when is prodigy to arrive?)
>
>> Steven
>
>Steven,
> From the rumors I've been hearing, Prodigy might have Usenet before the
>year is out. Oh joy, eh? <grin>
>
>-Gene
Oh.. I'm sorry... is this YOUR USENET? We'll all just leave... ;)
Kevin

1303. 900 MHz cordless phone evaluations

Newsgroup: rec.radio.scanner
Date: 1994-08-30 04:30:56 UTC
From: dsrekcc@giskard.holonet.net
Message-ID: <CvBz7L.MxC@iat.holonet.net>
Source record: 269639
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.2600,alt.cellular-phone-tech

I am starting to research 900 MHz cordless phones, planning to purchase before Christmas. Since this is turning into a pretty hot market segment, I figure there's a bunch of folks out there who would be interested in the information I gather.

I am writing a fact sheet for 900 MHz cordless phones. Please send me the appropriate information if:

- Somebody has already done this kind of compiling and I can get to it on the Net (i.e. I don't need to repeat someone else's work)

- There is another newsgroup besides the following that I should be monitoring for information:
alt.2600
alt.cellular-phone-tech
rec.radio.scanner

- You own a 900 MHz cordless phone. I am interested in information such as: quality of sound (echo, compander clamping), range, scannability (audio leakage on other bands), battery life, digital 'encryption', even the weight. I am interested in the digital scheme only as it relates to security against scanner reception.
Note 1: If you've posted to rec.radio.scanner in the past month or so, I already have your information.
Note 2: The Tropez model is fairly common, and I've already got info on it (largely negative), so I'm less interested in that one.

These are the models that I am aware of:

AT&T 9100
BEL 900LX
Panasonic KX-T9220
Sony SPP-ER1
Tropez 900 DL
Uniden EXP9100
Undien EXP9200
Western Union WC9000

If you have any experience or other information, please let me know. I will be compiling the information and reposting, so you can mail directly to me at the address below, or post it to rec.radio.scanner, if you feel that your post is of immediate importance to the public. My alt.newsgroup access is haphazard these days, so I may not receive a post on alt.newsgroups.

My e-mail address is: dsrekcc@prism.gatech.edu
note: not Holonet

1304. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-30 06:15:21 UTC
From: flarsen@garnet.berkeley.edu
Message-ID: <flarsen-290894221521@home.hip.berkeley.edu>
Source record: 269640

In article <1994Aug29.211115.2829@hnrc.tufts.edu>, jerry@hnrc.tufts.edu (Jerry Dallal) wrote:

> flarsen@uclink.berkeley.edu (Flemming Larsen)
> > I compared the last two units in stock at my local Radio Shack. One had
> > the FCC-ID: AA020-300, the other one: AA020-300A.
>
> More news you can use! A report of model number AA020-300*A* being spotted.
^^^^^

Nope, Jerry, read it again.

AA020-300*A* is the FCC-ID number. The model number is unchanged: 20-300.

I stopped at another Radio Shack store on my way home today to buy a set of hi-capacity NiCad batteries for my PRO-43. I asked to see their remaining stock of PRO-43s. They had two units in stock.

Both units had the AA020-300*A* FCC-ID. They also had an *A* in front of the serial number. One of the units had a date code of 4A4 and a serial number of A0058xx. The date code of the second unit was 5A4.

It appears that the serial number sequence was restarted with the addition of the *A*, since my non-*A* unit has a serial number of 077xxx.

> Since a 3A4 was reported modifiable, it's probably not necessary.
>

That supports my earlier post, that the change took place around 01apr94.

> > As I have stated before, I have not tried to do any modifications to my
> > PRO-43. I have no immediate plans for doing any, and if I did, I wouldn't
> > tell anybody about it.
>
> But it's not illegal to modify (or so I've been told) so why be concerned?
> Dealers can't modify because they would then be selling gear that isn't type
> accepted. Does it matter if the owner modifies a receiver (vis-a-vis FCC
> regulations. I suppose they'd get bent out of shape if it were a type
> accepted transmitter.)? Anyone care to set me straight by citing chapter
> and verse?

I'm not going to touch that one. If it's not illegal this week, wait 'till next week!

Happy listening ... to whatever you choose to listen to.

-- Flemming Larsen flarsen@uclink.berkeley.edu

1305. Re: Scanners in Canada?

Newsgroup: rec.radio.scanner
Date: 1994-08-30 06:40:04 UTC
From: warren@bluesky.com
Message-ID: <33uk84$mjg@pdx1.world.net>
Source record: 269643

In article <CvB42o.Kw@freenet.carleton.ca>
af177@FreeNet.Carleton.CA (Bill Dyke) writes:

> In a previous article, kbaser@rain.org (Ken Baser) says:
>
> >Are there any problems taking a hand-held scanner into BC. I'm going to
> >the Indy race and want to use it there. In particular, do the Canadian
> >border people have any restrictions?
> >
> >
>
> I can't answer the question directly from a Customs/border point, but perhaps
> the following will help.
>
> The rules in Canada are not as severe as in the U.S.A. with respect to
> scanners and the cellular bands. The Criminal Code was amended about two
> years ago to make it a crime for anyone to intercept a radio-based
> telephone communication, maliciously, or for gain. There are no rules that
> prohibit sale of scanners that cover the cellular bands.
>
> Like a number of regulations, this one is unenforceable and is impossible
> to monitor (pun intended), unless one is dumb enough to do something
> "maliciously, or for gain. That would mean, of course, that the person
> went public with the information. I suppose that they're out there!

Ken:

You will no doubt want to come back into the US with your scanner, and
you may need to prove ownership thereof to US Customs at the border
when you return. You can take it to the US Customs office in your city
before you leave and fill out a declaration form showing that you own
it. (Register my scanner with the government! Omigosh!)

They have you write a short description of the item(s) and any serial
numbers, then they officially stamp it and hand the piece of paper to
you. If US Customs at the border wants proof of ownership when you
return, just show them the paper. Or you'd better have the sales
receipt showing the serial number somewhere. Otherwise you could end
up paying duty on something you already own. This is not necessary,
however, on items made in the US.

The Customs department suggests you do this before going out of the
country with dutiable items (cameras, computers, personal electronics,
etc).

Warren Leach, Cruise Director
Blue Sky Research, Portland, Oregon

1306. Re: 900 MHz cordless phone evaluations

Newsgroup: rec.radio.scanner
Date: 1994-08-30 07:33:31 UTC
From: powers@hale.cts.com
Message-ID: <ki2uRc1w165w@hale.cts.com>
Source record: 269644
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.2600,alt.cellular-phone-tech

dsrekcc@giskard.holonet.net (Chris Campbell) writes:

> I am starting to research 900 MHz cordless phones, planning to purchase
> before Christmas. Since this is turning into a pretty hot market
> segment, I figure there's a bunch of folks out there who would be
> interested in the information I gather.
>
> I am writing a fact sheet for 900 MHz cordless phones. Please send me
> the appropriate information if:
>
> - Somebody has already done this kind of compiling and I can get to it
> on the Net (i.e. I don't need to repeat someone else's work)
>
> - There is another newsgroup besides the following that I should be
> monitoring for information:
> alt.2600
> alt.cellular-phone-tech
> rec.radio.scanner
>
> - You own a 900 MHz cordless phone. I am interested in information
> such as: quality of sound (echo, compander clamping), range,
> scannability (audio leakage on other bands), battery life, digital
> 'encryption', even the weight. I am interested in the digital
> scheme only as it relates to security against scanner reception.
> Note 1: If you've posted to rec.radio.scanner in the past month or so,
> I already have your information.
> Note 2: The Tropez model is fairly common, and I've already got info
> on it (largely negative), so I'm less interested in that one.
>
>
> These are the models that I am aware of:
>
> AT&T 9100
> BEL 900LX
> Panasonic KX-T9220
> Sony SPP-ER1
> Tropez 900 DL
> Uniden EXP9100
> Undien EXP9200
> Western Union WC9000
>
> If you have any experience or other information, please let me know.

> I will be compiling the information and reposting, so you can mail
> directly to me at the address below, or post it to rec.radio.scanner,
> if you feel that your post is of immediate importance to the public.
> My alt.newsgroup access is haphazard these days, so I may not receive a
> post on alt.newsgroups.
>
> My e-mail address is: dsrekcc@prism.gatech.edu
> note: not Holonet
>

add to this the AT&T 9120--same as the 9100, but adds a speakerphone.

Hale Telecommunications Inc./Public Access Internet Site 619/280-7775 V.32Bis

1307. rec.radio.scanner ARCHIVES - Pointer anyone?

Newsgroup: rec.radio.scanner
Date: 1994-08-30 11:53:33 UTC
From: mpalmer@encore.com
Message-ID: <CvCJpB.CED@encore.com>
Source record: 269647

Can someone point me to the rec.radio.scanner ARCHIVES?

1308. Thunderbirds freqs

Newsgroup: rec.radio.scanner
Date: 1994-08-30 11:56:02 UTC
From: an31404@anon.penet.fi
Message-ID: <120302Z30081994@anon.penet.fi>
Source record: 269645

The Thunderbirds are reportedly going to be performing over Waikiki this Saturday, August 27 at 1:45 pm HST. I would be quite grateful if anybody has the frequencies that they utilize during their performance.

Thanks in advance! Happy monitoring!

TK

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

1309. Re:Pikes Peak Frequencie

Newsgroup: rec.radio.scanner
Date: 1994-08-30 12:33:00 UTC
From: Stu.Morrison@commctr.com
Message-ID: <3eb_9408301304@commctr.com>
Source record: 269683

Date: 08-29-94 (03:35)

JE>I'd also like a copoy. Where can I get CS_FRQ40.ZIP?

Hi, Jeff!

The original message assumed the origin line would inform; it
didn't! CS_FRQnn.ZIP, where nn=revision number (now 40) is a list
of the VHF+ frequencies I listen to in the Colorado Springs area.
It isn't comprehensive, it _IS_ long enough to be of general
interest (15K, 15 pages). It's always available to first time
callers at FidoNet 1:128/168, The Comm Center BBS, (719)548-1293.
I'm stu.morrison@commctr.com through that BBS's gateway, otherwise I
have no InterNet or UseNet access.

Hope you get some use from the list!

* SLMR 9.9z * I saw a werewolf drinking a Pina Colada at Trader Vic's
--
|Fidonet: Stu Morrison 1:128/168
|Internet: Stu.Morrison@commctr.com

1310. Re: Scanners and Airports

Newsgroup: rec.radio.scanner
Date: 1994-08-30 13:12:54 UTC
From: andym@hq.af.mil
Message-ID: <33vb8m$l13@hq.hq.af.mil>
Source record: 269650

In article <33p5re$jsa@owl.csrv.uidaho.edu> saund891@raven.csrv.uidaho.edu
(Mike Saunders) writes:
> Will it hurt my pro39, or any other scanner, when it is taken through
> airport security?
> Thanks.
>
> --
> **********
> * Michael Saunders *
> * Mechanical Engineering Dept *
> * University of Idaho *
> * saund891@uidaho.edu *
> * Phone: (work) 208-885-7339 *
> * (home) 208-883-1419 *
> **********

Doesn't hurt my AOR 2500. Works like a champ.

--
Lt Andy McConnell Communications Engineer
andym@hq.af.mil Air Force Pentagon Communications Agency

---NeXTMail accepted and encouraged---
(Opinions expressed are solely those of the author and not the USAF)

1311. Conferderate Air Force Air Show Freq

Newsgroup: rec.radio.scanner
Date: 1994-08-30 13:16:20 UTC
From: andym@hq.af.mil
Message-ID: <33vbf4$l1k@hq.hq.af.mil>
Source record: 269651

I listened to the Confederate Air Force (WWII nostalgia rebuilderts and flyers) on 118.7MHz at Frederick MD on August 27, 1994. This seemed to be their main frequency. There was a lot of coordination and behind-the-scenes action for their WWII "re-enactment."

Anyone know if they have their own assigned freq like the Thunderbirds or Blue Angels, or do they use local tower frequencies?

--
Lt Andy McConnell Communications Engineer
andym@hq.af.mil Air Force Pentagon Communications Agency

---NeXTMail accepted and encouraged---
(Opinions expressed are solely those of the author and not the USAF)

1312. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-30 13:18:40 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <33vbjg$onc@umcc.umcc.umich.edu>
Source record: 269648

A few Radio Shack stores here in Michigan have pulled the Pro-43 from the shelves saying it's been recalled. Several other stores are still selling them though as a friend of mine just picked one up. The Farmington Hills store was the first I know of to pull the units from the shelves..Anyone else hear of this? It's still in the 95 Catalog....Les...

1313. Re: Motorola ad shows "Daddy" of cellular phone: ww2 walkie talkie!

Newsgroup: rec.radio.scanner
Date: 1994-08-30 13:40:57 UTC
From: waddell@iglou.iglou.com
Message-ID: <1994Aug30.134057.26642@iglou.com>
Source record: 269649
Cross-posted to: rec.radio.scanner,alt.dcom.telecom

wa2ise@netcom.com (Robert Casey) writes:
[snip]
>Wonder if Motorola is telling us that the cell phone is really just
>a fancy walkie talkie? And like the ww2 radio, the cell phone is
>not encrypted? (How could the WW2 radio be encrypted with the vacuum
>tube technology they had back then, the radio isn't big enough).

The walkie talkie was "encrypted" with code. The Navajo "Code Talkers",
speaking a modified native language, baffled not only the enemy, but also
the US cryptographers. A very under recognized bunch of heros. Low tech
can be very effective.
--
- Steve :^> - - - - - - - - - - - - - - -
waddell@iglou.com 10307 St. Rene Rd. voice 502-266-5695
Louisville, KY 40299-4040
"It's a good thing we don't get all the government we pay for" Will Rogers

1314. Re: Check your MT Issue!

Newsgroup: rec.radio.scanner
Date: 1994-08-30 13:53:10 UTC
From: tbohr1@ed8751.pto.ford.com
Message-ID: <33vdk6$lpv@ef2007.efhd.ford.com>
Source record: 269652

Just because they claim "800 Mhz Coverage" won't necessarily mean its full coverage. The ad would mean more to me if it claimed "Full 800 coverage INCLUDING cellular".

Of course, my BC890 and my brother-in-law's BC8500 (which he returned due to extremely poor performance) claimed "Continuous coverage 20Mhz - 960 Mhz" for the 890 and ""20 Mhz to 1.3 GHz" for the 8500. Therefore one had to ask the salesman if they're truly "continuous" throughout the 800 Mhz range. And they weren't.

1315. Wanted! Pro-2032 Mods!

Newsgroup: rec.radio.scanner
Date: 1994-08-30 14:07:01 UTC
From: riposter@aol.com
Message-ID: <33vee5$au8@search01.news.aol.com>
Source record: 269653

I know. Apparently they were in June's Monitoring Times, but being new to scanning, I was unable to find the magazine. Could someone either (re)post the article, fax (415-871-5481) it, or tell me how to get a back issue of the magazine? Also, I'd be very interested in finding the well equiped scanner/radio shops in the San Francsico bay area, not to mention where to find Monitoring Times. Thanks in advance for the help.

1316. Re: *** T R I G G E R F I S H ***

Newsgroup: rec.radio.scanner
Date: 1994-08-30 14:24:15 UTC
From: domonkos@access.digex.net
Message-ID: <XPqOkiubGEa5066yn@access.digex.net>
Source record: 269679
Cross-posted to: alt.2600,rec.radio.scanner,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk,dc.media

In article <CvAwps.779@rci.ripco.com>, Glen Roberts wrote:
> : Uh, I think that was meant as a joke Ron.
>
> No, not at all. Harris Corporation threatened me with civil and criminal
> action for an article I wrote (1 paragraph) about the Triggerfish in issue
> No. 24. So, in No 28, I published my "parody" ad, as well as a reprint of
> Harris Corporation's slick, glossy brochure (from whish Ron quotes). What
> is most significant, is that Harris Corporation claims that my short article
> in No. 24 was an ADVERTISEMENT, and that I committed a FELONY by advertising
> their product, in that the Wiretapping Statute prohibits the advertisement of
> wiretapping devices... YET... they print and distribute SLICK GLOSSY
> ADVERTISEMENTS themselves.
>
> --
> ------------------------------------
> Glen L. Roberts, Editor, Full Disclosure Magazine
> Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
> email glr@rci.ripco.com for information on The Best of Full Disclosure,
> four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
> No record. No Trace calling: 1-900-STOPPER (786-7737). $1.95/min
> ------------------------------------

All,

You forget, Corporate America has an 'above the law' attitude. They consider themselves far removed from legislation that governs the citizens of the US. They have the lobbyists and lawyers to tie the courts up for years.

Andy

1317. Re: 2006 Original Equip

Newsgroup: rec.radio.scanner
Date: 1994-08-30 14:24:27 UTC
From: domonkos@access.digex.net
Message-ID: <JVqOkiubGYu1066yn@access.digex.net>
Source record: 269654

In article <33sss1$3nn@lace.Colorado.EDU>, Kenneth Stern wrote:
>
> I remember seeing a response to this saying it was less sensitive
> so you could attach a larger antenna. I was wondering, just how large of
> an antenna do you need to compensate? I just got my Pro-2006 Friday. With
> a center loaded antenna attached (at right angles, I did have a connector :-)
> and testing with the ATT switch in both positions, its reception was still
> noticeably worse than my Pro-43 with rubber duckie.
> I was picking up CU Campus police at 155.XXX Mhz about 15 miles
> away.
> Do I need the 30' tower to get similar reception?
>
> ~Ken

I use a RS mutliband vertical scanner antenna in my attic and it works
absolutley outstanding; minimal images (very, very few) and no over load.
Hook the same antenna up to my Pro-51 and, well, useless-city.

Andy

1318. Re: Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-30 14:24:35 UTC
From: domonkos@access.digex.net
Message-ID: <djqOkiubGksK066yn@access.digex.net>
Source record: 269655

In article <33ttks$5a9@nic-nac.CSU.net>, Berton Corson wrote:
> Andy Domonkos (domonkos@access.digex.net) wrote:
> > In article <Cv5Ju2.GG6@world.std.com>, Jerry Dallal wrote:
> > > I predict that the removal of
> > > restrictions will coincide with the widespread adoption of digital and
> > > encrypted transmissions, so it's all moot in any case. The ECPA is
> > > merely a weak attempt to buy the cell industry a few years to convert.
>
> > Not likely. Now that Uncle Charlie has been auctioning off radio spectrum
> > for commercial use, those new owners are pursuing similar ECPA laws
> > protecting their new 'investments'. The bullshit never seems to end...
>
> > Andy
>
> Gee, I hope not. If so, maybe in several years, you'll see this on a
> scanner ad:
>
> Full coverage from 29 - 1300 Mhz, except 29.5 thru 53, 109-136, 138-143,
> 145-511, 513-823, 824-851, 853-868, 869-896, 897-1299. Only $599.99.
> Also included is the auto-blockout feature, now required by the FCC,
> that allows radio spectrum users to automatically blow-up your scanner
> if you tune into their frequencies....
>
>

...or...the advertisement will read 'not available to any U.S. citizen
unless affiliated w/government, corporate, or criminal organizations'...

Andy

1319. Pro-51 800Mhz reception w/o antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-30 14:36:15 UTC
From: necakov@dev2.bear.com
Message-ID: <39242@ursa.bear.com>
Source record: 269673

I have a Pro-51 and couldn't receive any 800Mhz frequencies from my apartment unless I removed the antenna and then the signals came flooding in. I tried to demonstrate this to the RS salesman but the scanner worked flawlessly in his store. He swapped it out anyway and the new scanner does exactly the same thing. Frequencies below 800Mhz require the antenna, and frequencies above 800Mhz require I remove my antenna. Is there something about my building causing this anomaly? I'm on the 16th floor with line of sight for miles.
I know the scanner is receive only but will operating it without an antenna do any damage to the unit? What's the deal?

1320. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-30 14:41:07 UTC
From: aengler@anshar.shadow.net
Message-ID: <33vge3$ali@anshar.shadow.net>
Source record: 269657
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

Nico Garcia (raoul@athena.mit.edu) wrote:
: In article <Cv5wrM.7E3@cbnewsh.cb.att.com> wcs@cbnewsh.cb.att.com
(bill.stewart@pleasantonca.ncr.com) writes:

: Now, a nice letter from your lawyer and sent to the local newspaper
: with dates, times, and places of his activities is another story.

I think a nice letter, sent certified mail, to the police department
would bring matters to a close, particlarly if you could cite the
department's Standard Operating Procedures (probably a public record in
your jurisdiction). The idea would be to show that the guidelines for
running tags don't authorize or contemplate the officer's behavior.

--
-
A. Engler Anderson/z002495b@bcfreenet.seflin.lib.fl.us/aengler@shadow.net
voice: (305) 538-5960 - fax: (305) 532-9820

1321. {REQUEST} Farifax Virginia Scanner Freq!!!

Newsgroup: rec.radio.scanner
Date: 1994-08-30 14:47:17 UTC
From: ddalton1@gmu.edu
Message-ID: <33vgpl$3e@portal.gmu.edu>
Source record: 269659

```
Fairfax/Falls Church/Arlington
Fire Rescue Police Freq. Wanted
Email me or Post!!
Thanks
Also if you have any other interesting Northern VA Freq.
Please Post/Email
Thanks
ddalton1@gmu.edu
```

1322. Re: Scanners and Airports

Newsgroup: rec.radio.scanner
Date: 1994-08-30 14:52:17 UTC
From: cork@cs.umass.edu
Message-ID: <33vh31$lgv@borg.cs.umass.edu>
Source record: 269658

In article <33p5re$jsa@owl.csrv.uidaho.edu> saund891@raven.csrv.uidaho.edu (Mike Saunders) writes:
>> Will it hurt my pro39, or any other scanner, when it is taken through
>> airport security?

I've brought my Pro39 to the airport (thru the X-ray machine) a number of times. I even bring it along when meeting someone who is arriving. (It's very useful to listen to the approach controller to hear final approach orderings/instructions for the particular flight number. My kids have watched their grandparents land by knowing which plane was theirs!)

1323. Scanner related BBS or FTP sites

Newsgroup: rec.radio.scanner
Date: 1994-08-30 15:57:28 UTC
From: SYOUSIF@wtamu-pclab.wtamu.edu
Message-ID: <SYOUSIF.18.2E6356E8@wtamu-pclab.wtamu.edu>
Source record: 269660

Is there a place where I can find a list of national scanner related BBS's
or FTP/Telnet sites?

1324. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-30 16:15:30 UTC
From: Bill McCall <70003.4300@CompuServe.COM>
Message-ID: <33vlv2$6rd$1@mhadg.inhouse.compuserve.com>
Source record: 269663

"A few Radio Shack stores here in Michigan have pulled the Pro-43 from the shelves saying it's been recalled. Several other stores are still selling them though as a friend of mine just picked one up."

Down to your south in Ohio, I have heard of the 51 and another model being pulled, but it wasn't the 43. The 43s made after April 94 (date code 4A4) I believe meet all current FCC guildelines and are still being sold.

Bill

--
Clowns to the left of me, Jokers to the right, here I am stuck in the Internet with you!

1325. Re: Cellular phones

Newsgroup: rec.radio.scanner
Date: 1994-08-30 16:23:24 UTC
From: Dave Campbell <pdcatku@kuhub.cc.ukans.edu>
Message-ID: <1994Aug30.112324.71587@kuhub.cc.ukans.edu>
Source record: 269666

In article <33ftee$cjg@fido.asd.sgi.com> David Packer,
davep@paladin.corp.sgi.com writes:
>Someone once told me that it was possible to have a cellular phone
>scan different channels/freqs. so that you could listen to them.
>I have a motorola 550 cellular phone and was curious if it is possible?
>and if someone knew how.

I have a NEC P110... Can I do anything with it? Please? ;)

Dave Campbell

pdcatku@kuhub.cc.ukans.edu

1326. Bearcat 200XLT FS

Newsgroup: rec.radio.scanner
Date: 1994-08-30 16:25:42 UTC
From: mitchell@panix.com
Message-ID: <33vmi6$lov@panix2.panix.com>
Source record: 269662

BEARCAT 200XLT (not cellular restored) w/Grove antenna and original rubber ducky, leather pouch. NEEDS NEW BATTERY. The battery will not hold a charge anymore. I guarantee the unit works perfectly. In excellent condition. $80.

--

Paul Evans Mitchell <mitchell@panix.com>
212-858-1676 Follow your bliss.

1327. cordless phones

Newsgroup: rec.radio.scanner
Date: 1994-08-30 16:31:43 UTC
From: joshtu@ksu.ksu.edu
Message-ID: <33vmtf$8uk@matt.ksu.ksu.edu>
Source record: 269661

Is listing to coardless phones illegal... If so what does the law say about it thanks in advance
Josh
joshtu@ksu.ksu.edu

1328. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-30 16:36:25 UTC
From: cfoote@k12.ucs.umass.edu
Message-ID: <1994Aug30.163625.25033@k12.ucs.umass.edu>
Source record: 269664

In a previous article, jerry@hnrc.tufts.edu (Jerry Dallal) says:

>I think Mike's wrong, too, but his claim was about the serial number, not
>the FCC-ID. To hear that a 3A4 was modified . . . that's "news you can use"!
>What was the serial number?
>Thanks.
>
>More news you can use! A report of model number AA020-300*A* being spotted.
>Oh, how I'd like to know the date of manufacture! All the local RS's here
>have nothing later than 12A3.
>

Hi Jerry,
I have a PRO 43. Here's what I got from the back:

FCC ID: AA020-300A
S.No: A004546
Date Code: 4A4

I'd love to modify it, but if it doesn't work...well I'd feel really stupid
taking apart a $350 scanner :)

-Chris
(pardon the .sig..)
--

Chris Foote
Email: cfoote@k12.ucs.umass.edu
Rockford Fosgate - Kenwood - Stillwater Designs - Pioneer - In a JGC '93

1329. NASCAR Freqs

Newsgroup: rec.radio.scanner
Date: 1994-08-30 16:38:00 UTC
From: sysop@pfzrfsg.com
Message-ID: <29e.2023.21@pfzrfsg.com>
Source record: 269670

```
* In a message originally to ALL from engleae@nextwork.rose-hulman.edu
* Andrew E Engle said:

AE> Hello! Does anyone know of any active NASCAR frequecies?

Monitor America has an extensive table of NASCAR frequencies organized by race
team.

--------------------------------------------------------------------------------
Internet E-Mail: sysop@pfzrfsg.com (System Supervisor)
--------------------------------------------------------------------------------
```

1330. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-30 16:40:24 UTC
From: cfoote@k12.ucs.umass.edu
Message-ID: <1994Aug30.164024.25846@k12.ucs.umass.edu>
Source record: 269665

In a previous article, flarsen@garnet.berkeley.edu (Flemming Larsen) says:

>AA020-300*A* is the FCC-ID number. The model number is unchanged: 20-300.
>
>I stopped at another Radio Shack store on my way home today to buy a set
>of hi-capacity NiCad batteries for my PRO-43. I asked to see their
>remaining stock of PRO-43s. They had two units in stock.
>
>Both units had the AA020-300*A* FCC-ID. They also had an *A* in front of
>the serial number. One of the units had a date code of 4A4 and a serial
>number of A0058xx. The date code of the second unit was 5A4.
>
>It appears that the serial number sequence was restarted with the addition
>of the *A*, since my non-*A* unit has a serial number of 077xxx.

I have a AA020-300A. Date code 4A4. S.No: A004546. Should I dare try to
modify it?

-Chris
(pardon the .sig)
--

Chris Foote
Email: cfoote@k12.ucs.umass.edu
Rockford Fosgate - Kenwood - Stillwater Designs - Pioneer - In a JGC '93

1331. help I fallen and I can't scan

Newsgroup: rec.radio.scanner
Date: 1994-08-30 17:53:04 UTC
From: riick@ix.netcom.com
Message-ID: <33vrm0$o91@ixnews1.ix.netcom.com>
Source record: 269671

well that is not true but I do need help.

I was at the Library the other day and thee is this book about scanners
and how to mod then, the book is yello and called "Scanner Modification Handbook"
Well I checked it out, the scanner on the cover look excatly like mine, but the
thing is that his scanner is a Realistic Pro-2004

and I have a Pro-2032

what is the difference in the two scanner, will some of the mods work? Like there
is a mod to speed up the scanning rate on both the Pro-2004 and Pro-2005, does
anyone know if this will work for a Pro-2032

1332. test, please ignore

Newsgroup: rec.radio.scanner
Date: 1994-08-30 17:53:44 UTC
From: jmmst53+@pitt.edu
Message-ID: <33vrn8$9jf@usenet.srv.cis.pitt.edu>
Source record: 269667

[No readable article body recovered]

1333. Freqs to monitor the shuttle

Newsgroup: rec.radio.scanner
Date: 1994-08-30 18:09:32 UTC
From: map@sequent.com
Message-ID: <1994Aug30.180932.9468@sequent.com>
Source record: 269674

Hello,

I used to have the VHF freqs to monitor shuttle transmissions during liftoff and now they are dead freqs.

I miss sitting in my office watching the liftoff and listening at the same time.

Does anyone have the freqs to monitor shuttle transmissions?

Thanks,

Mike
--
Michael Perry
Sequent Computer Systems, Inc.
Enterprise Technical Support
map@sequent.com

1334. Re: *** T R I G G E R F I S H ***

Newsgroup: rec.radio.scanner
Date: 1994-08-30 18:27:55 UTC
From: gbelton@cris.com
Message-ID: <GjrOkasteUrD065yn@cris.com>
Source record: 269672
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <33u43n$kh8@pdx1.world.net>, Warren Leach wrote:
> I just asked (nicely I might add). There is no mention in my post of
> the relevancy of your article. Sounds like you were preloaded about
> someone suggesting that it isn't relevant. It's just that I'm growing
> weary of your tirades. First a transcript of your phone call to the
> White House, now an advertising parody, poorly thought out at that.
> Just so much noise, Glen.

IMHO, Glen's stuff is some of the more interesting traffic in this group. How many times can you stand to read the same "Does anyone know how to mod a Radio Shack Scanner" message? How many times can you stand to read "Radio Shack Employees are Losers?" Why do I care what frequency the mall cops in San Francisco use, since I will probably never be in San Francisco? Is it noise when someone requests frequencies that are published in Police Call?

1335. Re: 890XLT vs Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-08-30 18:37:51 UTC
From: msp@prism1.com
Message-ID: <CvD2F4.B1L@prism1.com>
Source record: 269680

Lou Genco (lgenco@crl.com) wrote:
: Rob gave a very good list of differences between the two scanners, but
: he forgot to mention one very handy feature on the 890 that is not
: present on the 2006. That is, the capability of the 890 to
: automaticallly load active frequencies into specified memory banks.
: You can start out with empty memory banks, leave the radio on all
: night, and end up with most (if not all) of the banks filled with
: frequencies that were active during the night.

Can the 2006 do this with the computer interface add-on?

--
Best Regards,

Mark S. Patrick | For e-mail: Don't use the header.
Prism Computer Applications, Inc. | Use: prism1!msp@ncoast.org

1336. Re: cordless phones

Newsgroup: rec.radio.scanner
Date: 1994-08-30 18:50:04 UTC
From: scan911@aol.com
Message-ID: <33vv0s$g2n@search01.news.aol.com>
Source record: 269677

In article <33vmtf$8uk@matt.ksu.ksu.edu>, joshtu@ksu.ksu.edu (Joshua M Tuel) writes:

> Is listing to coardless phones illegal... If so what does the law >say about it thanks in advance

Cordless phones totally legal. Cell phones illegal. IMTS mobile phones and most other phones illegal. So, go listen to your neighbors and report them to the cops if you want. You have a RIGHT to monitor them! The U.S. Supreme Court backed that up with a case from Scott County, Iowa!

Chuck
scan911@aol.com

1337. Re: No more alt.radio.sca

Newsgroup: rec.radio.scanner
Date: 1994-08-30 18:51:34 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug30.135134.2831@hnrc.tufts.edu>
Source record: 269668

In article <60.7658.5773.0N1ACAE8@canrem.com>, paul.cordingley@canrem.com (Paul Cordingley) writes:
>
> My humble suggestion:
> Let's all agree that REC.RADIO.SCANNER is the place for technical and
> factual information exchange - frequencies, antennas, how different radio
> technologies work, etc. And let's all agree that ALT.RADIO.SCANNER is the
> forum for broader discussion or non-technical issues - laws, freedoms,
> ethics, opinions about commercial practices, etc. Both types of discussions
> are quite valid but each have a time and a place and probably ought to
> function separately.

I've no problem with an RFD for splitting rec.radio.scanner, but not by using alt.radio.scanner, if only because many sites don't carry the alt groups. Let alt.rec.scanner die. There's *nothing* we discuss here that can't be part of rec.*

1338. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-30 18:57:22 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug30.135722.2832@hnrc.tufts.edu>
Source record: 269669

In article <33tnij$1u4@Mercury.mcs.com>, mikebo@MCS.COM (Michael Borowiec) writes:
> In article <1994Aug29.122411.2828@hnrc.tufts.edu>,
> Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
>>In article <33rqdi$ps8@Mercury.mcs.com>, mikebo@MCS.COM (Michael Borowiec) writes:
>>
>>> I don't think any of that makes any difference... both versions of
>>> the 43 have the same model number and FCC ID.
>>>
>>> The UN-modifiable versions of the Pro43 are labelled "Radio Shack"
>>> (NOT "Realistic") on the box -and- on the silk-screen at the bottom
>>> of the rig -and- their serial numbers begin with the letter 'A'.
>>>
>>> The modifiable versions of the Pro43 are labelled "Realistic" on
>>> the box -and- the silk-screen at the bottom of the rig -and- their
>>> serial numbers do NOT contain a leading 'A'.
>>> - Mike (N9EUZ)
>>
>>
> Yes, I had one in my hands yesterday, asked the clerk if there
> were any WITHOUT the 'A' and luckily he had one left. The writer
> above claims he mod'ed his unit with a 'A' in the serial number and
> it worked... so go figure! Doesn't someone have the real scoop?

I think we're all getting punchy. I did not read a post claiming a unit with
an A in the serial number is unmodifiable. The A was in the date of
manufacture, but all dates of manufacture have "A" in them.

1339. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-30 19:24:24 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug30.142424.2834@hnrc.tufts.edu>
Source record: 269676

In article <flarsen-290894221521@home.hip.berkeley.edu>, flarsen@garnet.berkeley.edu (Flemming Larsen) writes:
> In article <1994Aug29.211115.2829@hnrc.tufts.edu>, jerry@hnrc.tufts.edu
> (Jerry Dallal) wrote:
>> flarsen@uclink.berkeley.edu (Flemming Larsen)
>> > I compared the last two units in stock at my local Radio Shack. One had
>> > the FCC-ID: AA020-300, the other one: AA020-300A.
>> More news you can use! A report of model number AA020-300*A* being spotted.
> Nope, Jerry, read it again.
> AA020-300*A* is the FCC-ID number. The model number is unchanged: 20-300.

Right. What excited me was an identifiable change in the way the units were labeled. Whether it's the model number or the FCC ID is, in a way, immaterial. What matters is that one of them differs between the modifiable and un modifiable units.
> I asked to see their
> remaining stock of PRO-43s. They had two units in stock.
> Both units had the AA020-300*A* FCC-ID. They also had an *A* in front of
> the serial number. One of the units had a date code of 4A4 and a serial
> number of A0058xx. The date code of the second unit was 5A4.

Thanks to this report, I think we can finally state "THE TRUTH":

Modifiable units: FCC-ID AA020-300, serial number does not begin with A.
Nonmodifiable units: FCC-ID AA020-300A, serial number begins with A.

Anything that doesn't follow this rule should be reported to the group immediately.

1340. US Open freq.

Newsgroup: rec.radio.scanner
Date: 1994-08-30 19:45:30 UTC
From: Elliot <elliotk@delphi.com>
Message-ID: <py7wGka.elliotk@delphi.com>
Source record: 269675

US Open frequencies needed.
Anyone have anything interesting.....
Many thanks !

1341. Re: Ok, so is the AOR8000 a go?

Newsgroup: rec.radio.scanner
Date: 1994-08-30 20:15:46 UTC
From: <>
Message-ID: <34041i$htj@news.halcyon.com>
Source record: 269684

In article <Cv1u2J.9Jz@sgb.oau.org>
steven@sgb.oau.org (Steven Bradley) writes:

> On the other hand, you can get it for $10 cheaper from Javiation
> and have FULL COVERAGE.

How do we contact Javiation?

#include <std.disclaimers>

_____
Jennifer Kuiper jkuiper@halcyon.com
TigerDirect, Inc. jkuiper@online.apple.com
"Artificial Intelligence is no match for human stupidity."

1342. Re: frequency guides

Newsgroup: rec.radio.scanner
Date: 1994-08-30 20:18:23 UTC
From: <>
Message-ID: <34046f$htj@news.halcyon.com>
Source record: 269685

In article <33glnj$9tc@wizard.uark.edu>
plaws@comp..uark.edu (Peter Laws) writes:

> If you live in the northeast, Scanner Master wins, hands down. As another
> poster said, there may be a freq or two missing, but that's more than made
> up for by the codes, maps, station locations, alarm assignments, system
> notes, etc., etc.

Do they publish versions for the Southeast? Do you happen to have
contact information or a place to order them from ?

Thanks

Jen
#include <std.disclaimers>

Jennifer Kuiper jkuiper@halcyon.com
TigerDirect, Inc. jkuiper@online.apple.com
"Artificial Intelligence is no match for human stupidity."

1343. [REQUEST] South FL Freqs

Newsgroup: rec.radio.scanner
Date: 1994-08-30 20:26:02 UTC
From: <>
Message-ID: <3404kq$htj@news.halcyon.com>
Source record: 269686

I'm looking for some South Florida (Dade & Broward County, Miami & Ft Lauderdale) frequency information.

... if anyone has some to share.... :-)

#include <std.disclaimers>

Jennifer Kuiper jkuiper@halcyon.com
TigerDirect, Inc. jkuiper@online.apple.com
"Artificial Intelligence is no match for human stupidity."

1344. Re: Scanners and Airports

Newsgroup: rec.radio.scanner
Date: 1994-08-30 21:51:00 UTC
From: reid@indiana.edu
Message-ID: <19940830165146.reid@frank_reid.electronics.indiana.edu>
Source record: 269681

In Article <33vh31$lgv@borg.cs.umass.edu> "cork@cs.umass.edu (DANIEL CORKILL)" says:
> In article <33p5re$jsa@owl.csrv.uidaho.edu> saund891@raven.csrv.uidaho.edu
> (Mike Saunders) writes:
> >> Will it hurt my pro39, or any other scanner, when it is taken through
> >> airport security?
>
> I've brought my Pro39 to the airport (thru the X-ray machine)
> a number of times. I even bring it along when meeting someone
> who is arriving. (It's very useful to listen to the approach
> controller to hear final approach orderings/instructions for
> the particular flight number. My kids have watched their
> grandparents land by knowing which plane was theirs!)

It won't hurt the scanner, but I heard about a guy who had a scanner in
his carry-on bag and when they saw the rubber-duckie antenna on x-ray
they thought it was a bomb (because all Hollywood time-bombs have curly
wires).

--

Frank reid@indiana.edu

1345. CF's PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-08-30 21:57:48 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Aug30.165748.2837@hnrc.tufts.edu>
Source record: 269678

In article <1994Aug30.163625.25033@k12.ucs.umass.edu>, cfoote@k12.ucs.umass.edu (Chris Foote (Wilbraham & Monson Acad. 96)) writes:
> I have a PRO 43. Here's what I got from the back:
>
> FCC ID: AA020-300A
> S.No: A004546
> Date Code: 4A4
>
> I'd love to modify it, but if it doesn't work...well I'd feel really stupid
> taking apart a $350 scanner :)

My Magic 8 Ball says, "Outlook not so good." The posts to date suggest that this unit is unmodifiable. The FCC-ID ends in 300A and the serial number starts with A. No one has reported successfully modifying such a unit.

My suggestion: There *are* modifiable units out there (FCC-ID ending in 300, serial number not beginning with A). Call all your local RSs and ask them to check their stock. When you locate a modifiable unit, swap. (I assume you're still within the 30 day money back period).

1346. SECRET Memo to FBI Director

Newsgroup: rec.radio.scanner
Date: 1994-08-30 22:03:26 UTC
From: glr@ripco.com
Message-ID: <CvDBxq.J6q@rci.ripco.com>
Source record: 269708
Cross-posted to: alt.2600,alt.2600hz,rec.radio.scanner,alt.privacy,alt.radio.scanner,comp.org.eff.talk

--
SECRET
2/3/86

TO: DIRECTOR, FBI

FROM: SAC, DETROIT (62A-5733)

CONSTITUENT INQUIRY FROM
CONGRESSMAN CARL PURSELL ON
BEHALF OF GLEN ROBERTS

SA XXX
DETROIT DIVISION
PERSONNEL MATER

Enclosed for the Bureau are the following documents:

1. Note from Congressman CARL PURSELL, dated 1/22/86, addressed to JAMES B. RILEY, Agent in Charge, FBI, Ann Arbor, Michigan.

2. Letter to Congressman PURSELL, dated 1/31/86 from SAC KENNETH P. WALTON, advising him inquiry has been referred to FBIHQ.

3. Newspaper clipping from "Ann Arbor News", dated 9/10/85, regarding GLEN ROBERTS.

4. Two copies of ROBERTS' tabloid FUll Disclosure, dated January and February 1986.

5. A copy of a memorandum, dated 12/27/95, from SA XXX to SAC Detroit, XXX [s] DE-46

6. XXX

7. Two copies of signed statement of SA XXX dated 1/29/86.

XXX as set forth [s] in referenced memo from SA XXX dated 12/27/85. GLEN ROBERTS, whose background is set forth in copies of his tabloid and the "Ann Arbor News" newsclipping, interjected himself into the middle of this surveillance. He monitored and recorded the Agents' transmissions and apparently attempted to identify the subject under surveillance, undoubtedly to warn him of the surveillance. XXX ROBERTS thereafter made a complaint to the Ann Arbor Police Department concerning the call and contacted Congressman PURSELL. The Ann Arbor Police Department intends to take no further action relative to ROBERTS' complaint.

XXX

REQUEST OF THE BUREAU

The Office of Congressional and Public Affairs in concert with the Intelligence Division, is requested to prepare an appropriate response to Congressman PURSELL's inquiry.

XXX

SECRET

2 - Bureau (Enc. 9)
1 - Detroit
XXXpjw
(3)
Classified by G-3
Declassify on OADR
62-0-95094

XXX above represents an arbitrary amount of deletion by the FBI's FOIA office.

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

1347. BC200XLT cellur mod

Newsgroup: rec.radio.scanner
Date: 1994-08-30 23:18:09 UTC
From: burnssp@gn.ecn.purdue.edu
Message-ID: <340enh$7cl@mozo.cc.purdue.edu>
Source record: 269599

I have a Bearcat 200XLT scanner and am trying to modify it for cellur.
I got the file called BC200.mod which tells how to do this. It mentions
cutting the 10 Kohm resistor above the letter "DEN" on the IC. I opened
my scanner up and found the IC chip. It has the letters "UC-1147A" on it,
where the mod file says "UC 1147" are these the same chip. I saw a small
silver rectangular component with the number 103 above the letters "DEN".
Is that the 10 kohm resistor or does it look like a normal cyclindrical
resistor with a (brown-black-orange) stripe on it. If any one out there
has done the mod , let me know what I am missing. If it is any help
the date of manufacture code is "OA1D"

Thanks,

Steve Burns

1348. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-30 23:26:39 UTC
From: raoul@athena.mit.edu
Message-ID: <RAOUL.94Aug30192652@bolognese.mit.edu>
Source record: 269752
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

In article <33vge3$ali@anshar.shadow.net> aengler@anshar.shadow.net (A. Engler Anderson) writes:

I think a nice letter, sent certified mail, to the police department would bring matters to a close, particlarly if you could cite the department's Standard Operating Procedures (probably a public record in your jurisdiction). The idea would be to show that the guidelines for running tags don't authorize or contemplate the officer's behavior.

Might work. On the other hand, the advantage of sending it to the local newspaper is that they cannot ignore it, and the public is informed directly of police misbehavior so that others who may have suffered from it are aware of the extent of the problem. It's also, IMHO, more likely to get someone like the mayor or the ACLU to jump down their throats.

Nico Garcia
raoul@athena.mit.edu

1349. lescomm

Newsgroup: rec.radio.scanner
Date: 1994-08-30 23:31:42 UTC
From: Tommy the Tourist <nobody@csua.berkeley.edu>
Message-ID: <340fgu$g2e@agate.berkeley.edu>
Source record: 269687

lescomm, where is my radio? you didn't say it would take so long.

Did you get that Mini-14. I uncached my AR-15. I know a real good
machinist. He can make an autosear and all the other parts we need.

For more information about this anonymous posting service,please send mail
to remailer@csua.berkeley.edu with Subject: remailer-info.

To respond to the sender of this message, send mail to
remailer@soda.berkeley.edu, starting your message with
the following 7 lines:
::
Response-Key: the-clipper-key

====Encrypted-Sender-Begin====
MI@```$9^&2?(E<U9BPG1]W7LG=NKH_P&!MEEKN/`$>F8L3?;S`BGR@X`DEX[
>]>`KA`.?9X&L&1(NR(I/WHLKYK6"DNPZK0J8TYYK
====Encrypted-Sender-End====

1350. Re: 2006 Original Equip

Newsgroup: rec.radio.scanner
Date: 1994-08-30 23:53:02 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778272782@f747.n115.z1>
Source record: 269718

-=> Quoting Kenneth Stern to All <=-

KS> I remember seeing a response to this saying it was less sensitive
KS> so you could attach a larger antenna. I was wondering, just how large
KS> of an antenna do you need to compensate? I just got my Pro-2006 Friday.
KS> With a center loaded antenna attached (at right angles, I did have a
KS> connector :-) and testing with the ATT switch in both positions, its
KS> reception was still noticeably worse than my Pro-43 with rubber duckie.
KS> I was picking up CU Campus police at 155.XXX Mhz about 15 miles
KS> away.
KS> Do I need the 30' tower to get similar reception?

Gee, Ken...I don't know. I never really looked at antennas at all as I
live in an apartment and the landlord won't let me hook one up. Not sure
what you should try. Anyone else?

Jerry

___ Blue Wave/QWK v2.12

1351. Re: For Sale : Realistic

Newsgroup: rec.radio.scanner
Date: 1994-08-31 00:21:04 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778274464@f747.n115.z1>
Source record: 269719

-=> Quoting Shawn4sk1 to All <=-

Sh> From: shawn4sk1@aol.com (Shawn4sk1)

Sh> In article <1994Aug28.095421.1@cad3.uccb.ns.ca>, rling@cad3.uccb.ns.ca
Sh> writes that he has a 2006 for approx $395 US Dollars.

Sh> SO responds: They're selling over here for $345 US Dollars- Radio
Sh> Shack's price. Come down a little bit and you'll probably sell it...
Sh> :-)
Sh> Shawn4SK1

Better look at the ad again. The unit has computer control and other mods
that aren't found in a standard 2006 unit.

Jerry

___ Blue Wave/QWK v2.12

1352. Need the # of a reputable yupi dealer.

Newsgroup: rec.radio.scanner
Date: 1994-08-31 00:31:29 UTC
From: habu@gate.net
Message-ID: <340j11$ua1@tequesta.gate.net>
Source record: 269688

I want to buy a Yupi but am having problems finding a importer
Javiation wants about $600 and a shop in Canada wants $750. The
place in Canada will guarantee the order but $750 is a bit stiff.
Javiation is impossible to get a hold of thru e-mail and won't
guarantee the order. Anyone know any other dealers with better
prices?

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

1353. Re: Pro-51 800Mhz reception w/o antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-31 00:32:09 UTC
From: g9153402@huey.csun.edu
Message-ID: <340j29$om2@nic-nac.CSU.net>
Source record: 269691

Tony Necakov (necakov@dev2.bear.com) wrote:
> I have a Pro-51 and couldn't receive any 800Mhz frequencies from my apartment
> unless I removed the antenna and then the signals came flooding in. I tried
> to demonstrate this to the RS salesman but the scanner worked flawlessly in
> his store. He swapped it out anyway and the new scanner does exactly the same
> thing. Frequencies below 800Mhz require the antenna, and frequencies above
> 800Mhz require I remove my antenna. Is there something about my building
> causing this anomaly? I'm on the 16th floor with line of sight for miles.
> I know the scanner is receive only but will operating it without an antenna do
> any damage to the unit? What's the deal?

I don't know about your particular scanner, but generally lower frequencies,
with longer wavelengths are received better with a longer antenna, and
higher frequencies, with shorter wavelengths, are received on shorter
antennas. This is why you see cellular phones only having a stump of
an antenna, and short-wave radios (and other lower band receivers) requiring
longer antennas. If you've read short-wave guides, some people even
string an antenna that may be 50 to 100 feet, from their house to a tree.
Anyway, there are some good multi-band antennas, some in your Radio Shack
catalog, that state they're good for reception from 30 to 1300 Mhz. You
may want to check, if the antenna that came with your scanner is crappy
for your area.

1354. Re: MT -- IT GETS WORSE!

Newsgroup: rec.radio.scanner
Date: 1994-08-31 00:40:06 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778275606@f747.n115.z1>
Source record: 269720

-=> Quoting Steven Bradley to All <=-

SB> From: steven@sgb.oau.org (Steven Bradley)

SB> If you want to read some real funny humour, turn to page 120, the
SB> Grove Closing Comments. It seems that Grove is out of cellular
SB> restorable scanners like most other places in the U.S. are -- and are
SB> crying out for enforcement action on overseas dealers because of their
SB> lost sales!
SB> Booo hooo! Here BOB GROVE, HERE'S MY HANKY, CRY ON IT! You could open
SB> an office in Canada, ya know!

SB> It was aptly named the Closing Comments, as it might be the Closing of
SB> Grove in the future -- since his comments only get worse. This man has
SB> gone beyond unreasonable in his attempts to sell you scanners under the
SB> guise "when they are gone their will be no more!" Look at the CommTel
SB> units in the UK and then say that MR GROVE! One dealer even guarantees
SB> delivery or no charge!
SB> GROVE... with your latest B*LLSH*T, I think I can tell you where you
SB> can go! Please take the express there, it will be faster -- and the
SB> faster the better!
SB> I'm starting to wonder if I made a mistake in extending the
SB> subscription last year to 1996, you may not make it that far.

SB> Comments anyone? Read the article, its a riot! Second to
SB> last page, September
SB> MT!

Boy, Steve...you sure read into it pretty deep, dont' you? What am I
missing? Looks like Bob is more taunting scanner manufacturers' who were
for the cellular ban. I believe Tandy is...now they got burned with the
23/46/51 debacle.
I don't see Bob Grove crying over the fact that scanners are being
imported, though if I were him, I wouldn't like it either.

Why are you getting on Bob's case? Seems like we're all on the same side
here, don't you think?

Jerry

___ Blue Wave/QWK v2.12

1355. Re: Need freq for Hershe

Newsgroup: rec.radio.scanner
Date: 1994-08-31 00:47:08 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778276028@f747.n115.z1>
Source record: 269721

-=> Quoting Steve Steinberg to All <=-

SS> I guess the subject says it all. Hershey or Dorney parks in
SS> PA must have internal communications, does anyone know the freqs?

Here is the Hershey Pk freqs from Beyond Police Call...

464.3750, 464.4250 both repeatered

Dorney Park Coaster Co Inc in Allentown...also from Beyond

151.6550, 154.515, 154.540, 154.5700
Rptr Mobile Mobile Mobile

Hope this helps...never been out to PA...some day...

Jerry

___ Blue Wave/QWK v2.12

1356. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-31 00:48:41 UTC
From: frankjm@sd2.af.mil
Message-ID: <1994Aug31.004841.23792@afit.af.mil>
Source record: 269690

```
|> Just lately, an attempted breakin of my car took place. I heard them,
|> looked out, saw them before they quickly ran off. They broke into
|> eight cars in the complex that night. Later that week I spotted them
|> and reported their liscense plate to the cops with details. Not a
|> thing has happened to them, as I see them regularly now. I've called
|> the detective several times, but he never returns my call. I'm tempted
|> to do some vigulante style justice if this keeps up. ;(
|>
|> Lousy cops aren't good for anything other than collecting more tax
|> money via traffic tickets.
|>
|> --
|> ---------------------------------------------------------------------
|> | copeland@metronet.com |
```

Two months after I moved into my apt. I had $1500 worth of stuff stolen out of my car plus $200 to repair the damage to the trunk where they pryed the lock out(I had a trunk release button in the glove box).

Cops came out and I had to make them finger print the car(no prints).

Two months later they tried my girlfriends car,busted the drivers door lock out but the alarm scared them off. So I bought a motion detector that turns lights on a hooked it up outside my bedroom, except I disconnected the lights and hooked up a radio to it,so whenever someone would walk around our cars it would wake me up.;)

One night I forgot to turn it on and my neighbors car got broke into.:(I was pissed.

About four months later,I had just got off work at mid., the radio went off at 1a.m. and sure enough the little bastards where shining there flashlights in our cars. I called the cops so they were on there way, but I couldn't wait!! I got my trusty co2 BB gun and proceded to sneak out the door,I told them to freeze or I would blow their fucking head off!(to many movies:)) they ran and I chased them all around the complex only for them to outrun me :(, but the cops are finally showing up, he saw a car pull out of the next complex down and pulled them over...same pricks.

So they were finding out who they were (and I FORGOT to turn my scanner on) when I remembered my girlfried had wrote down a plate number to a strange car...same car! This got the detectives down there and they got photographed, fingerprinted, their car impounded and a field interigation report, NO arrest. Cops said there was not any laws saying you could not look in a car with

a flash light.Grrr. No damage no tools no arrest.
I have never seen them since.

Same setup netted three car theives,two were on probation,one a newbie.

Even had to goto court for that one.The cop even remembered my
gadget.

I did turn my scanner on for this one, I had to run to the street
to give a direction of travel on the stolen car, the blocker
car tried to run the cop off the road. one HIgh speed chase later
and a canine unit and they had them.

I think I need to move.

jim

1357. Re: Need mods for RS sca

Newsgroup: rec.radio.scanner
Date: 1994-08-31 00:49:10 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778276150@f747.n115.z1>
Source record: 269722

-=> Quoting Michael Borowiec to All <=-

MB> I have RS PRO-2004 and PRO-43 scanners.
MB> The 2004 is already freq'ed, but I need the mod for the 43.
MB> I assume there are FTP or telnet sites for scanner mods, freqs
MB> whatever. Could someone please share these...

Here goes, Mike...PLEASE READ CAREFULLY...

Product: Realistic Pro-43
Purpose: Restore full 800 Mhz continuous coverage
Revised July, 1994

Modification is from the publication Monitoring Times
September, 1992 Page 107

** Warning...This procedure will void your warranty

** Do not attempt this modification unless you are familiar with small component soldering. Performing this modification is done at your own risk. If you don't feel comfortable doing the mod, DON'T.

** Static damage is quite possible as the modification involves work near the microprocessor. A static strap is highly recommended.

** This modification restores certain portions of the 800 Mhz band that is against U.S. federal law to monitor.

** NOTE !!! READ THIS!!!!
If your unit has the letter 'A' before the serial number, your unit will not be capable of modification. Units 4A4 and later

Tools needed...Fine point low powered soldering iron, solder wick or de-soldering tool (I recommend the wick), pointed awl, hemostats or pointed tweezers, small phillips screwdriver, solder.

1. Remove the battery, antenna and back cover (held in place by four screws)

2. Remove the six screws holding the top circuit board in place. Carefully unsolder the two antenna connections from the board. Bend the antenna ground tab fully up form the board. Crefully lift the board, unplugging the black connector at its base, and lay the board out of the way on its bundle of colored wires.

3. Remove the two screws from the next board and lift it, carefully unplugging the white connector at the bottom of the board. Lift it up and lay it aside on its brown wire (which can be unplugged if necessary).

4. Unsolder and remove the metal shield from the final board, revealing the microprocessor; note the row of diodes labelled D1-D5 above it. Only diodes D1, D2 and D4 are present; assisted by a pointed tool, unsolder and remove D4; the lone diode. (This restores full 800 Mhz continuous coverage which will use 30 khz stepping when appropriate.)

5. Re-assemble the scanner, paying particular attention to the alignment of the plugs. Test the radio by entering any frequency in the 800 Mhz band that could not be programmed before.

Modification is complete.

Jerry

___ Blue Wave/QWK v2.12

1358. Re: need NOAA/weather fr

Newsgroup: rec.radio.scanner
Date: 1994-08-31 00:54:12 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778276452@f747.n115.z1>
Source record: 269723

-=> Quoting Price Charles to All <=-

PC> My mother will be taking a 4 week camping trip throughout the
PC> northwest United States and Canada. Because of past experience with
PC> storms, and the current fires, I am giving her my shortwave reciever
PC> to take with her.
PC> I would like to get a hold of the NOAA weather freqs of different
PC> areas on the northeast, mainly Washington and Oregon, or other
PC> frequencies that may be of use.

I hope the shortwave receiver covers the 162 Mhz band as this is where
the NOAA WX freqs are. The freqs are 162.4, 162.4250, 162.4500, 162.4750,
162.500, 162.5250, and 162.5500 Mhz. Sorry, don't know any specific freqs
for that part of the country, but should yield broadcasts from one or more
of the freqs listed.

Jerry

___ Blue Wave/QWK v2.12

1359. Re: No more ALT.RADIO.SC

Newsgroup: rec.radio.scanner
Date: 1994-08-31 00:57:14 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778276634@f747.n115.z1>
Source record: 269724

-=> Quoting Shawn4sk1 to All <=-

Sh> From now on I plan to only read and post to REC.RADIO.SCANNER. There
Sh> are twice as many postings on it in one day than on ALT.RADIO.SCANNER-
Sh> I don't see the need to see the same half a dozen messages twice when
Sh> people cross-post (I've been guilty of it myself) knowing most of us
Sh> check out both places anyway. This way if people know we're only going
Sh> to support REC.RADIO.SCANNER, the other will slowly fade away and we
Sh> can all condense our efforts into one big happy family. :-)

Sh> What do you say? Are you with me? Well, I'm with me...it'll sure cut
Sh> down on AOL time and save my $$$. Good Luck! :-)

This attempted killing of ALT.RADIO.SCANNER has been going on for over a
year now. Why won't it die. Die. DIE!!!!!! <g>

OK, I feel better now...Jerry

___ Blue Wave/QWK v2.12

1360. Re: Pro-2006 30k steps?

Newsgroup: rec.radio.scanner
Date: 1994-08-31 01:02:16 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778276936@f747.n115.z1>
Source record: 269725

-=> Quoting Matthew Davies to All <=-

MD> Is there a mod to give the Pro-2006 the 30khz steps that it has in the
MD> rest of the world? I hate using the 5khz setting. Way, way too slow.
MD> Thanks in advance..

Try hitting the RESET key when the unit is in search mode. I am not
sure, but 30 khz may not display in the LCD, but it will search this way.

Jerry

___ Blue Wave/QWK v2.12

1361. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-31 01:07:18 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778277238@f747.n115.z1>
Source record: 269726

-=> Quoting Michael Borowiec to All <=-

MB> In article <1994Aug27.111036.2827@hnrc.tufts.edu>,
MB> Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
> Let's settle the PRO-43 question once and for all. The
> old, modifiable units had the model number 20-300 and the FCC
> ID AA020-300.
>
MB> ... stuff deleted ...

MB> I don't think any of that makes any difference... both versions of
MB> the 43 have the same model number and FCC ID.

MB> The UN-modifiable versions of the Pro43 are labelled "Radio Shack"
MB> (NOT "Realistic") on the box -and- on the silk-screen at the bottom
MB> of the rig -and- their serial numbers begin with the letter 'A'.

MB> The modifiable versions of the Pro43 are labelled "Realistic" on
MB> the box -and- the silk-screen at the bottom of the rig -and- their
MB> serial numbers do NOT contain a leading 'A'.

The above is not true. There were units before the ban that had the
RADIO SHACK logo printed on the case and boxes. This matter was discussed
on CompuServe and was found that the unit was still modifiable.

The only sure way of knowing is to look at the serial number and make
sure there is not a letter 'A' before the serial number. The date code
"3A4" and below are modifiable units.

Jerry

___ Blue Wave/QWK v2.12

1362. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-31 01:08:20 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778277300@f747.n115.z1>
Source record: 269727

-=> Quoting Flemming Larsen to All <=-

FL> Could someone please repost the meaning of the date code? It is my
FL> under- standing, that 12A3 means 12th month of 1993. Is that correct?

YES!!

FL> A friend of mine mentioned that the last modifiable PRO-43s were made
FL> before April 1994. I don't know if this is correct and I don't know
FL> where he got the information from, but his information is usually
FL> reliable.

The information is accurate.

Jerry

___ Blue Wave/QWK v2.12

1363. Re: PRO-51 secrets help

Newsgroup: rec.radio.scanner
Date: 1994-08-31 01:14:22 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778277662@f747.n115.z1>
Source record: 269728

-=> Quoting Jean Gagnon to All <=-

JG> Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) wrote:

JG> : ** Note...Perfoming these steps may access portions of the 800 Mhz
JG> band : that is against federal United States law to monitor.

JG> OK, now that we know how to enable the gaps in the 800 Mhz band, how
JG> do we disable them? Might come in handy if some authority
JG> representative wants to have a look at my toy... If not, what is the
JG> key combination to clear all memories? (I just bought a demo '51...)

JG> Anything else on the pro-51 would be greatly appreciated!

Obviously, the freqs are just sitting around in the memory. You could
just zero them out, or you could do an all clear by pressing MAN,2 and 9 at
the same time and turn the unit on.

Jerry

___ Blue Wave/QWK v2.12

1364. Re: PRO-51 secrets help

Newsgroup: rec.radio.scanner
Date: 1994-08-31 01:16:24 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778277784@f747.n115.z1>
Source record: 269729

-=> Quoting Jean Gagnon to All <=-

JG> From: jeang@freenet.vancouver.bc.ca (Jean Gagnon)

JG> Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) wrote:

JG> : ** Note...Perfoming these steps may access portions of the 800 Mhz
JG> band : that is against federal United States law to monitor.

JG> OK, now that we know how to enable the gaps in the 800 Mhz band, how
JG> do we disable them? Might come in handy if some authority
JG> representative wants to have a look at my toy... If not, what is the
JG> key combination to clear all memories? (I just bought a demo '51...)

JG> Anything else on the pro-51 would be greatly appreciated!

This message was on CompuServe. Thought users of the '51 may be interested
in this.
Jerry Smith

Subj: PRO-51 cellular trick Section: VHF/UHF Scanning
From: Howard Bornstein 76174,637 # 273839, 1 Reply
To: All Date: 02-Jun-94 05:47

There is an interesting test mode in the PRO-51 that, combined with the
direct search feature of the scanner, lets you pick up out-of-band
frequencies. You will have full access to the 66-88 Mhz ranges as well as
the cellular base range of 869-896 Mhz.

Actually, there are several test modes in the PRO-51 (most of these
comments should be true for any Uniden-made Radio Shack scanner, such as
the PRO-46). I'll describe them first and then how to take advantage of
one of them to get the restricted frequencies.

There are three data test modes. These modes completely destroy any
frequencies you had programmed into your scanner, so it's best to use
these techniques before you program your scanner. If you have already
programmed it, you'll have to decide if these new capabilities are worth
reprogramming.

Test mode 0. Clear the scanner.

A well-known method of clearing the scanner to all zeros is to hold down
the 2 key, the 9 key, and turn on the scanner. All frequencies will be
lost.

TEST MODE 1. Fill channels 1-25 with test frequencies.

Press the 2 key, the 9 key, the L/Out key, and turn on the scanner.

This fills channels 1-25 with these frequencies:

1 30.050
2 40.840
3 49.900
4 138.150
5 162.400
6 173.225
7 406.875
8 453.250
9 511.9125
10 108.500
11 118.800
12 127.175
13 135.500
14 66.450*
15 76.825*
16 87.425*
17 157.800
18 482.3625
19 29.000
20 54.000
21 806.000
22 857.200
23 888.96*
24 911.500
25 954.9125

* indicates not within the PRO-51's normal coverage. More on how to use these in a minute.

TEST MODE 2. Fill channels 1-17 with test frequencies.

Press 2, 9, Manual

Fills channels 1-17 with these frequencies:

30.00, 40.00, 50.00, 140.00, 155.00, 170.00, 410.00, 460.00, 510.00,
54.00,
109.00, 118.00, 127.00, 135.00, 810.00, 860.00, 950.00.

There is also a display diagnotic mode.

Display Test Mode.

Press 2, 9, Band or 2, 9, Moni.

This put the display in test mode. Every annunciator and every digit element is turned on in a scan from the left side of the display to the right. To keep this test mode continuous, release the buttons before the first scan finishes. This mode does not affect stored memory. Press any key to exit this display mode.

Now, if you've decided to try test mode 1, you will find several out-of-band frequencies stored in your memory channels. Channels 14-16

hold frequencies in the blocked out 66-88 Mhz range, and channel 23 holds a frequency in the blocked out cellular base range. Once you have these frequencies stored in a memory channel, the PRO-51's direct search feature will let you search though these ranges. In the cellular band, the scanner searches in the correct 30 Khz steps.

You don't have to keep these frequencies in these channels. You can move them to any channel in the scanner. First move them to a monitor channel.

While on a channel with one of these frequencies, open squelch completely. Press direct search button, either up or down. The direct search button puts the scanner into search mode and the open squelch holds the frequency. Then press the Monitor button. The frequency is now in the monitor channel indicated in the display.

Now you can move it to any regular memory channel in the scanner.

Enter the channel number
Press PROG
Press Monitor
Press the number of the monitor channel if the proper channel is not displayed
Press E(nter)

The frequency is now permanently stored in the memory channel. You can do a direct search from this memory channel at any time.

The 66-88 Mhz range mainly covers TV audio. However, there is a strange phenomenon concerning TV audio and the PRO-51. Channels 4, 5, and 6 audio fall within the 66-88 Mhz range, yet the PRO-51 will not pick up the audio frequency while searching in this range. However, TV channel 2 audio is at 59.75 Mhz. When you add the intermediate frequency of 21.6 Mhz, you get an image of the TV channel 2 audio appearing at 81.35 Mhz. This does come in, although raspy, since the PRO-51 is receiving in narrow FM mode while TV audio requires wide band FM mode for proper reception.

___ Blue Wave/QWK v2.12

1365. Re: RS PRO-2006 Closeout

Newsgroup: rec.radio.scanner
Date: 1994-08-31 01:18:26 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778277906@f747.n115.z1>
Source record: 269730

-=> Quoting Big Al Venooker to All <=-

BAV> For those who have seen various prices above $300 for the PRO-2006:
BAV> ----------

BAV> At the Ithaca, NY hamfest on August 13, the local Radio Shack store
BAV> had four PRO-2006's priced at $199.95! They were new in the box, with
BAV> full warranties. They were doing this as a Hamfest special. Needless
BAV> to say, they sold out 10 minutes after they announced the price on the
BAV> PA. I bought one, figuring that even if I didn't like it, selling it
BAV> would be no problem. I do like it, so don't ask to buy it. Yes, I
BAV> do have an official Radio Shack receipt that shows the catalog number
BAV> and price. Why they blew it out so cheaply is anyone's guess. I think
BAV> they could have gotten a lot more, at least if the letters in this
BAV> group are any indication.
BAV> Al Venooker

It's a wonder there wasn't a riot.

Jerry

___ Blue Wave/QWK v2.12

1366. Mods Available for BC SC150B

Newsgroup: rec.radio.scanner
Date: 1994-08-31 01:19:26 UTC
From: cyborg@infinet.com
Message-ID: <340lqu$ro7@rigel.infinet.com>
Source record: 269689

I just purchased a new Bearcat Sportcat (SC150B) to replace my stolen
scanner, and would like to know if any mods are available for it.
(Cell freqs., ect..)

Please post or mail.

Thanks,
Kris Hurt

--

==========
\
Kristopher D. Hurt \ What are you looking over here for?
\ Think I'm gonna have something clever to
\ say? Well I'm not! Go Away! \
\
cyborg@infinet.com \
\
==========

1367. Re: Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1994-08-31 01:21:28 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778278088@f747.n115.z1>
Source record: 269731

-=> Quoting Berton Corson to All <=-

BC> Gee, I hope not. If so, maybe in several years, you'll see this on a
BC> scanner ad:

BC> Full coverage from 29 - 1300 Mhz, except 29.5 thru 53, 109-136,
BC> 138-143, 145-511, 513-823, 824-851, 853-868, 869-896, 897-1299. Only
BC> $599.99. Also included is the auto-blockout feature, now required by
BC> the FCC, that allows radio spectrum users to automatically blow-up your
BC> scanner if you tune into their frequencies....

Doesn't look too promising, does it? :(

Jerry

___ Blue Wave/QWK v2.12

1368. Re: Scanners and Airport

Newsgroup: rec.radio.scanner
Date: 1994-08-31 01:23:30 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778278210@f747.n115.z1>
Source record: 269732

-=> Quoting Mike Saunders to All <=-

MS> Will it hurt my pro39, or any other scanner, when it is taken through
MS> airport security?

Mike...I have taken a '34 and a 2500 through security with no ill effects
to the scanner. Just clip it on my belt and walk through like I know where
I'm going. No problem.

Jerry

___ Blue Wave/QWK v2.12

1369. Re: SHUT UP! Was Trigger

Newsgroup: rec.radio.scanner
Date: 1994-08-31 01:25:32 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778278332@f747.n115.z1>
Source record: 269733

-=> Quoting Glen Roberts to All <=-

GR> Or... welcome to the Information Super Highway... were 99% of the
GR> traffic is telling someone to shut up!

ROFLMAO...

Congrats, Glen...you have just given birth to a tagline. Cigars?

BTW, I have stolen it.

Jerry

___ Blue Wave/QWK v2.12

1370. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-08-31 02:14:27 UTC
From: billsohl@earth.planet.net
Message-ID: <340p23$lrr@jupiter.planet.net>
Source record: 269692

Carl Steckler (cjs9@cornell.edu) wrote:
: (Joe A. Walker) writes:
: >> |> To my knowledge the law that bans scanners does NOT apply to hams. I will
: >post
: >>
: >> The exemptions were written for 'amateur equipment' which may be deemed by
: >> a cop not to include scanners. Many copy would not know or care about the
: >> difference, but some might...

: >Bull. Program the frequency of your favorite repeater into one channel of
: >your scanner. It is now "amateur equipment."

: >And the local cop doesn't get to decide if it is or if it isn't. You have
: >a FEDERAL license for amateur radio equipment, and the FEDERAL rules
: >pre-empt the state or local rules.

: The law / exemption specifically mentions transcievers. That lets out
: scanners license or no.

A scanner used in conjunction with a transmitter or even another
"transciver" can certainly be described as a transciever arranngeent
and as the FCC preemption did not include any specific definition or
description of exactly what a transciever is, don't expect a local cop,
or judge to have the technical expertise to argue to the contrary
with success.

: With an attitude like yours you will most likely
: get to explain it all to the judge. Lighten up and use lots of greasey "yes
: sir"s and you will have a lot less problems. There is a lot of trouble that
: can and will find you without having to go out of your way to find it.

That's always a generally safe route to take, even though the need
to do so is abominable. Too bad the cops aren't more concerned with
real crime as opposed to harassing anyone with a scanner in the car.

Bill Sohl K2UNK (billsohl@planet.net)
Budd Lake, New Jersey

1371. Re: frequency guides

Newsgroup: rec.radio.scanner
Date: 1994-08-31 02:38:04 UTC
From: scan911@aol.com
Message-ID: <340qec$ohp@search01.news.aol.com>
Source record: 269693

In article <34046f$htj@news.halcyon.com>, jkuiper@halcyon.halcyon.com.
(Jen Kuiper) writes:

>Do they publish versions for the Southeast? Do you happen to have
>contact information or a place to order them from ?

Scanner Master publishes regional guides for Mass, NYC, Philly, DC,
Florida, Ohio and Illinois regions. For southeast, best you can do is DC
guide, which includes Virginia, and Florida guide. Also, they publish the
Monitor America guide for all of U.S. Call them at (800) SCAN-701.

Chuck
scan911@aol.com
editor of Scanner Master Philly guide

1372. Re: Repair Center for an old Bearcat-300 Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-08-31 02:43:29 UTC
From: <>
Message-ID: <340qoh$r5t@wizard.uark.edu>
Source record: 269694
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

djk@netcom.com (Daniel J. Karnes) writes:

>I have an old Bearcat 300 that I got at a good price (free!) and I'd
>like to have the thing fixed so that I might get some use out of it.

I crossposted this to rec.radio.scanner. Bob Parnass over there has an entire FAQ file on the BC300. That FAQ file saved my BC300 from a trip to the scanner hospital (it was a $0.99 cap).

Also, the May issue of Scanner Journal recommended a place called G&G Communications in NY. I hope they're good, 'cause they'll have my BC200XLT by tomorrow. :-)

They charge $30 + parts + Shipping. Xtal scanners are $25 +parts +shipping.

G&G Communications
9247 Glenwood Dr
LeRoy NY 14482
716.768.8151 (M-F, 1000-1400 ET)

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

1373. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-31 02:53:43 UTC
From: glr@ripco.com
Message-ID: <CvDpDJ.3Lp@rci.ripco.com>
Source record: 269750
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

Nico Garcia (raoul@athena.mit.edu) wrote:
: In article <33vge3$ali@anshar.shadow.net> aengler@anshar.shadow.net (A. Engler Anderson) writes:

: I think a nice letter, sent certified mail, to the police department
: would bring matters to a close, particlarly if you could cite the
: department's Standard Operating Procedures (probably a public record in
: your jurisdiction). The idea would be to show that the guidelines for
: running tags don't authorize or contemplate the officer's behavior.

: Might work. On the other hand, the advantage of sending it to the
: local newspaper is that they cannot ignore it, and the public is
: informed directly of police misbehavior so that others who may have
: suffered from it are aware of the extent of the problem. It's also, IMHO,
: more likely to get someone like the mayor or the ACLU to jump down their
: throats.

: Nico Garcia
: raoul@athena.mit.edu

It was a press release to the local newspapers (one of which printed a
four-part article about the police department), that prompted the
inappropriate police action (re: running tags and an overbundant prescence
in the neighborhood). It was a friendly chat with the mayor
that stopped the that behavior.

The original incident, a policy of the department not to Mirandize
minors that are "arrested" (well.. the police reports state that they
are arrested and charged with crimes... but the Police Chief insists
they are neither arrested nor charged with any crimes)... was addressed
by the Press... to no apparent avail. The reporter spoke with the ACLU,
but they weren't interested, in that there was no accusation that
any kids were physically beaten by the police.
--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

1374. Welcome to rec.radio.info!

Newsgroup: rec.radio.scanner
Date: 1994-08-31 03:00:07 UTC
From: rec-radio-info@ve6mgs.ampr.ab.ca
Message-ID: <rec.radio.info-welcome_778302006@ve6mgs.ampr.org>
Source record: 269546
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.info,news.answers,rec.answers

Archive-name: radio/rec-radio-info/welcome
Last-modified: $Date: 1994/01/02 22:00 $
Version: $Revision: 1.06 $

*** Welcome to rec.radio.info! ***

Welcome to rec.radio.info, a group that aims to provide a noise-free source
of information and news for the entire rec.radio hierarchy.

Two introductory articles about rec.radio.info are posted to the group and
to news.answers every two weeks. You are now reading the first article, which
explains what rec.radio.info is, and answers some Frequently Asked Questions.
The second article is titled "Submission Guidelines", and you only need to
read it if you want to submit an article to rec.radio.info.

You can skip to the next section of this article by searching for the next
" -- " string. The sections available are:
- What is the purpose of rec.radio.info?
- Why are messages almost always cross posted to rec.radio.info?
- What is a 'follow-up', and what does 'moderated' mean?
- OK, so now I know what 'moderated' means. Tell me more.
- What type of material is considered inappropriate?
- I do not have access to news, how can I get the information posted to
rec.radio.info?
- Will the material appearing in rec.radio.info be archived somewhere?
- I have a regular posting with timely information, is there a way to
speed up it's delivery, or automate for more convenience?

-- What is the purpose of rec.radio.info?

The purpose or charter of rec.radio.info is to provide the Usenet community with
a resource for information, news, and facts about any and all things radio.

All the other rec.radio groups are intended for discussions and general chit
chat about radio. Rec.radio.info will contain informational, factual articles
only. Follow-ups are redirected to an appropriate other group, and further
discussion (if any) will not take place in rec.radio.info.

In order to ensure that rec.radio.info contains only appropriate articles, it
was decided to create the group as a moderated newsgroup.

-- Why are messages almost always cross posted to rec.radio.info?

It provides a "tag" for each article to be assembled into a filtered
presentation in rec.radio.info (even with cross-posting, only one message, with

a unique Message-ID, is propogated across the net). This tag also facilitates a pre-existing method of dropping or cancelling the articles locally within the discussion groups if you don't want to see them. This accommodates individuals who want to separate the bulletins from the discussions, discussions from the bulletins, as well as those who are adamant about not reading another newsgroup and wanted to see everything all in one basket.

With the total size of Usenet (in number of newsgroups and total traffic) doubling every year or so, this is no insignificant contribution to reducing information noise and chaos. Making the discussion groups a catch-all, and making extra newsgroups filters on that catch-all, is also the most realistic way to implement such a scheme (It's not intuitively obvious what the charter, contents, and general appropriate topics for each and every newsgroup are. Seeing FAQ's and charter/intro postings in the home newsgroup is beneficial for new readers).

By cross-posting one only is adding a few tens of bytes to each bulletin (to specify the extra group on the Newsgroups line), but are adding the capability for very powerful filtering features available on most news servers, listservers and readers. Your local news guru could probably explain these features in more detail.

In rn, for example, according to Leanne Phillips in her rn kill-file FAQ, add a line of the form:
/Newsgroups:.*[,]rec\.radio\.info/h:j
either in ~/News/KILL (if you don't want to see rec.radio.info articles anywhere) or ~/News/rec/radio/amateur/misc/KILL (if you don't want to see them just in rec.radio.amateur.misc). The latter method means your kill file will only be consulted during rec.radio.amateur.misc (and hence runs more efficiently), and will probably work for most people.

In nn, according to Bill Wohler in his nn FAQ, add a line of the form:
rec.radio.info:!s/:^
in ~/.nn/kill (if you don't want to see rec.radio.info articles anywhere), or put the following lines:
sequence
rec.radio.info
rec.radio.
at the end of ~/.nn/init in order to see all the rec.radio.info bulletins first, then read the remaining rec.radio.* without the bulletins.

-- What is a 'follow-up', and what does 'moderated' mean?

If you are new to Usenet and are not familiar with the terminology, you might want to read the general introductory articles found in the newsgroup news.announce.newusers. Doing so will make your life on the net much easier, and will probably save you from making silly beginner's mistakes.

If you think that at this moment you are reading an echo, a conference, or a bulletin board, I'd also strongly suggest a trip over to news.announce.newusers.

For the rest of this article, I will assume you have a basic knowledge of Usenet terminology and mechanics.

A moderated group means that any article that needs to be posted to the group has to be accepted by the moderator of the group. Since we need to ensure that followups to an article (discussion) do not show up in the rec.radio.info newsgroup, the `Followup-To:' header line contains a newsgroup that is appropriate for disussions about the specific article.

-- OK, so now I know what 'moderated' means. Tell me more.

Rec.radio.info is a moderated newsgroup, which means that all articles submitted to the group will have to be approved by the moderator first.

The current moderator of the group is Mark Salyzyn. Submissions to rec.radio.info can be posted, or e-mailed to:

rec-radio-info@ve6mgs.ampr.ab.ca

Comments, criticisms, suggestions or questions about the group can be e-mailed to:
rec-radio-request@ve6mgs.ampr.ab.ca

But before you do so, please be sure to check out the "Submission Guidelines" article.

The influence of the moderator should be minimal and of an administrative nature, consisting chiefly of weeding out obviously inappropriate articles, while making sure correct headers etc. are used for the appropriate ones.

-- What type of material is considered inappropriate?

There are three broad categories of articles which will be rejected by the moderator:

1) Requests for information: rec.radio.info is strictly a one-way street. I receive information in my mailbox; I then post it to rec.radio.info. Requests for specific information belong in the normal discussion newsgroups. If your request gets answered, you might consider passing the answer on to rec.radio.info, though. Especially if you can edit it into a informational, rather than a discussion, format.

2) Obvious discussion articles, or articles that appear unsubstantiated.

3) Commercial stuff: a relatively unbiased test of a radio product would be accepted, but any hint of for-profit might be reason for rejection. For three reasons: This is not the purpose of the list, for-profit is a controversial topic, and this list may be passed onto Amateur Packet Radio (where for-profit is prohibited except under certain provisos).

rec.radio.swap (or possibly comp.newprod) may be more deserving of the posting in any matter.

Similarly, copyrighted material generally cannot be used. If it's TRULY worthwhile to the net, I would recommend obtaining permission from the copyright holder. Please note the source, and if permission was given. I

reserve the right to make the final decision concerning appropriateness in all situations. In most cases, a brief summary of, or pointer to, the copyrighted information may be all I can allow.

-- I do not have access to news, how can I get the information posted to rec.radio.info?

brian@UCSD.EDU (Brian Kantor) has kindly supplied a mail list server for rec.radio.info. Non of the articles will be digested, due to their size, so you will receive individual mailings for every article posted to the group.

Mail sent to radio-info@ucsd.edu will be forwarded to the moderator and thus is an alias to rec-radio-info@ve6mgs.ampr.ab.ca

To subscribe and unsubscribe via the listserver; the format for that is

sub address radio-info
unsub address radio-info

where 'address' is your full mailing address. Send this request to

listserv@ucsd.edu

Note that the server will automatically delete any address that bounces mail. If you leave the address portion blank, it will try to deduce your address from the mail headers. This may not work if you are on bitnet, milnet or some other non-Unix host, so it is recommended to put your return address in any case. For example:

sub mymailbox@myhost.mydomain.mil radio-info
or
sub MEMEME01@DMBHST.bitnet radio-info

or something like that.

-- Will the material appearing in rec.radio.info be archived somewhere?

< Dated information here >

Yes. Still firming up details at the moment but here is a preliminary list:
- unbc.edu as maintained by Lyndon Nerenberg <lyndon@unbc.edu>
- nic.funet.fi maintained by Risto Kotalampi <rko@cs.tut.fi>
saved to /pub/dx/text/rec.radio.info currently stored as numbered files.

Effectively this means that anything you post to rec.radio.info will be permanently stored, so your work will not be lost.

-- I have a regular posting with timely information, is there a way to speed up it's delivery, or automate for more convenience?

Yes, there is! It may take a bit of chatter with the moderator, but we are willing to take responsible people and provide them the means of posting the articles directly from their site. We will try everything we can as we fully realize that DX (distant signal) and astronomical data can be somewhat

transitory. We are also willing to allow regular posters of information the same courtesy, even if the information is not as time critical.

We refer to this as self-moderation, which is partly based on the model for news.answer. This requires co-operation and good will to be beneficial to the community in the rec.radio hierarchy.

I suggest reading the posting guidelines for more information. I am open to suggestions.

I thank the following individuals for their input into this article:
rec.music.info moderator Leo Breebaart rec-music-info@cp.tn.tudelft.nl
rec.radio.broadcasting moderator Bill Pfeiffer wdp@gagme.chi.il.us
Paul W. Schleck, KD3FU pschleck@unomaha.edu
Ian Kluft, KD6EUI ikluft@uts.amdahl.com

--
Mark Salyzyn -- Moderator rec.radio.info
Submissions to: rec-radio-info@ve6mgs.ampr.ab.ca
Administrivia to: rec-radio-request@ve6mgs.ampr.ab.ca
* Requests for information do *not* belong in rec.radio.info *

1375. Re: cordless phones

Newsgroup: rec.radio.scanner
Date: 1994-08-31 03:19:55 UTC
From: DPalmer@ix.netcom.com
Message-ID: <340ssr$8om@ixnews1.ix.netcom.com>
Source record: 269696

In <33vv0s$g2n@search01.news.aol.com> scan911@aol.com (SCAN911) writes:

>
>In article <33vmtf$8uk@matt.ksu.ksu.edu>, joshtu@ksu.ksu.edu (Joshua M
>Tuel) writes:
>
>> Is listing to coardless phones illegal... If so what does the law >say
>about it thanks in advance
>
>
>Cordless phones totally legal. Cell phones illegal. IMTS mobile phones
>and most other phones illegal. So, go listen to your neighbors and report
>them to the cops if you want. You have a RIGHT to monitor them! The U.S.
>Supreme Court backed that up with a case from Scott County, Iowa!
>
>Chuck
>scan911@aol.com
>
>

FYI, in the Golden Stae, we have a law against monitoring cordless phones.

California Penal Code Sec. 632.6. Intercepting or Receiving
Cordless Telephone Communication; Penalty; Exceptions

(a) Every person who, maliciously and without the consent
of all parties to the communication, intercepts, receives,
or assists in intercepting or receiving a communication
transmitted between cordless telephones as defined in
subdivision (c), between any cordless telephone and a
landline telephone, or between a cordless telephone and a
cellular telephone shall be punished by a fine not exceeding
two thousand five hundred dollars ($2,500), by imprisonment
in the county jail not exceeding one year or in the state
prison, or by both that fine and imprisonment. If the person
has been previously convicted of a violation of this section
or Section 631,632, 632.5, 632.7, or 636, the person shall be
punished by a fine not exceeding ten thousand dollars
($10,000), by imprisonment in the countyjail not exceeding one
year or in the state prison, or by both that fine and
imprisonment.
(b) In the following instances, this section shall not apply:
(1) To any public utility engaged in the business of providing
communication services and facilities, or to the officers,
employees, or agents thereof, where the acts otherwise

prohibited are for the purpose of construction, maintenance,
conduct, or operation of the services and facilities of the
public utility.
(2) To the use of any instrument, equipment, facility, or
service furnished and used pursuant to the tariffs of the
public utility.
(3) To any telephonic communication system used for communication
exclusively within a state, county, city and county, or city
correctional facility.
(c) As used in this section and section 635, "cordless telephone"
means a two-way low power communications system consisting of two
parts-a "base" unit which connects to the public switched
telephone network and a handset or "remote" unit-which are
connected by a radio link and authorized by the Federal
Communications Commission to operate in the frequency bandwidth
reserved for cordless telephones. Leg.H. 1990
ch. 696, 1992 ch. 298

--

David Palmer DPalmer@ix.netcom.com
Monterey, California 4108@mgs.com
MPTV Cable, Western Communications

1376. Silent Play is back -- and cheaper than ever

Newsgroup: rec.radio.scanner
Date: 1994-08-31 03:21:53 UTC
From: pas@cc.gatech.edu
Message-ID: <340t0h$l3@homepark.cc.gatech.edu>
Source record: 269695

Radio Shack has the Silent Play again on final closeout.
This time it is going for $14.97. Get them while you can.
It's Radio Shack part number is 270-1715.

Silent Play consists of a low-power FM transmitter + a standard
FM receiver with headphones. It's a wonderful addition to listen
to your scanner through your audio system (home or auto). Many of
us here in rec.radio.scanner went out an bought what we thought was
the remaining stock for $20 each earlier this year.

I am not affiliated with Radio Shack. Actually, I don't even
like the place. But hey, this is a good and useful product,
at an excellent price. Go for it.

--
+--+
____ _ | Paulo Santos Email: pas@cc.gatech.edu |
|____o,___/ ____| College of Computing |
([_________-\' | Georgia Tech Voice: +1 404 853-9393 |
| o' | Atlanta GA 30332-0280, USA Fax: +1 404 853-0673 |
+--+

1377. Re: Pro-51 800Mhz reception w/o antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-31 03:46:57 UTC
From: gpalmer@blue.weeg.uiowa.edu
Message-ID: <340ufh$3icj@blue.weeg.uiowa.edu>
Source record: 269697

necakov@dev2.bear.com (Tony Necakov) writes:

>I have a Pro-51 and couldn't receive any 800Mhz frequencies from my apartment
>unless I removed the antenna and then the signals came flooding in. I tried
>to demonstrate this to the RS salesman but the scanner worked flawlessly in
>his store. He swapped it out anyway and the new scanner does exactly the same
>thing. Frequencies below 800Mhz require the antenna, and frequencies above
>800Mhz require I remove my antenna. Is there something about my building
>causing this anomaly? I'm on the 16th floor with line of sight for miles.
>I know the scanner is receive only but will operating it without an antenna do
>any damage to the unit? What's the deal?

One thing I can think of is that the '51 is overloaded in this frequencey
range: there may be a/some very close/strong signals in the 800MHz band
that are causing the reciever to desensitize in an attempt to not overload
the unit. When you remove the antenna, it casuing the strong, offending
signal to drop down, effectively causing the scanner to hear better, ...
in a sense!

I've heard discussions of this happening on other scanners when used near
NOAA weather towers, broadcast towers, etc. Are you using the scanner
near anything close that you know of that might be doing this?

Anyone else have any ideas?

1378. NYC Aviation Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-08-31 04:03:00 UTC
From: starin@netcom.com
Message-ID: <starinCvDsL1.3Hy@netcom.com>
Source record: 269699

Would anyone know of the frequencies for the NY Police Dept. Aviation Helicopter?

Thanks.

Jeffrey
{New York}

--
Jeffrey
{New York}

1379. Re: Motorola ad shows "Daddy" of cellular phone: ww2 walkie talkie!

Newsgroup: rec.radio.scanner
Date: 1994-08-31 04:13:38 UTC
From: ericj@indirect.com
Message-ID: <34101i$g40@herald.indirect.com>
Source record: 269698
Cross-posted to: rec.radio.scanner,alt.dcom.telecom

Steve Waddell (waddell@iglou.iglou.com) wrote:

: The walkie talkie was "encrypted" with code. The Navajo "Code Talkers",
: speaking a modified native language, baffled not only the enemy, but also
: the US cryptographers. A very under recognized bunch of heros. Low tech
: can be very effective.

Actually, I don't think they modified their language any. Navajo is a
seriously complex language. Apparently the code talkers had to make up
words to describe things that had no words in their language, like
bomber, ship, etc.

I think there were some simple scrambling systems during WWII, some of
which were as simple as spectral inversion. THe White House phone to
Winston Churchill had a more sophisticated scrambler, but I don't know if
any portable units had decent scramblers.

Eric Jacobsen ericj@indirect.com
EF Data Corp. wk: (602)968-0447
2105 W. 5th Pl. fax: (602)921-9012
Tempe, AZ 85281

My opinions are regarded by my employer as rather humorous.

1380. Re: cordless phones

Newsgroup: rec.radio.scanner
Date: 1994-08-31 05:23:02 UTC
From: scan911@aol.com
Message-ID: <34143m$rbj@search01.news.aol.com>
Source record: 269700

In article <340ssr$8om@ixnews1.ix.netcom.com>, DPalmer@ix.netcom.com (David Palmer) writes:

>FYI, in the Golden Stae, we have a law against monitoring >cordless phones.

I'd like to see someone challenge it on federal pre-emption. Federal laws are designed to supercede state laws. States shouldn't be regulating communications. That is the task of the FCC. If it were taken to the U.S. Supreme Court, I bet it would be a good challenge....any lawyers out there with some insight?

Chuck
scan911@aol.com

1381. Re: Great scanner for sale-Icom R100

Newsgroup: rec.radio.scanner
Date: 1994-08-31 06:15:06 UTC
From: amuljadi@aol.com
Message-ID: <34175a$s62@search01.news.aol.com>
Source record: 269701

In article <31938n$o61@usenet.INS.CWRU.Edu>, eb795@cleveland.Freenet.Edu
(Eric Matthews) writes:

Is is still available for sale, and how much is do you ask?

1382. Re: Scanners and Airports

Newsgroup: rec.radio.scanner
Date: 1994-08-31 06:30:14 UTC
From: linley@netcom.com
Message-ID: <linleyCvDzEF.Frs@netcom.com>
Source record: 269702

In ye olden post cork@cs.umass.edu (DANIEL CORKILL) spake...
>In article <33p5re$jsa@owl.csrv.uidaho.edu> saund891@raven.csrv.uidaho.edu
>(Mike Saunders) writes:
>>> Will it hurt my pro39, or any other scanner, when it is taken through
>>> airport security?
>
>I've brought my Pro39 to the airport (thru the X-ray machine)
>a number of times. I even bring it along when meeting someone

I've taken my Pro-43 (and my Icom-W2A) to the Airport many times and it's never been through the X-ray machine. I just leave it on my belt, blatantly obvious, turned on and tuned to some _active_ frequency. They've never asked me to pass it through the X-ray machine. Make it obvious that it's a radio, and no one will bother you.

Frequency counters, though, bear an uncanny resemblence to the stereotype remote bomb detonator and will fetch questions. Beware!

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur radio: KE6EQZ
=-=-=-=-=-=-=-=-=-=-=-= "This is glue. Strong stuff." =-=-=-=-=-=-=-=-=-=-=-=

1383. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-08-31 07:09:06 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Aug30.230906.4480@cmkrnl>
Source record: 269346

In article <1994Aug31.004841.23792@afit.af.mil>, frankjm@sd2.af.mil (JAMES M. FRANK) writes:
> Two months later they tried my girlfriends car,busted the drivers
> door lock out but the alarm scared them off. So I bought a motion
> detector that turns lights on a hooked it up outside my bedroom,
> except I disconnected the lights and hooked up a radio to it,so
> whenever someone would walk around our cars it would wake me up.;)

Obvious extension of this idea: Use a scanner, with speaker and volume so that it's audible from outside where the thieves are! If they think there's a chance of a police cruiser being in the area, they'll leave VERY fast.

If you phone the cops and they hear the call to that location they'll leave even faster.

Some folks have been setting up video cameras in windows that look down on the alleys in this area, with signs at eye level in the alley advising of video surveliance. Consider that if you feed the camera video to a VCR you can record eight hours straight at EP. The fun thing here is that while there may be problems with "the authorities" setting up video survelliance systems, there's nothing on the books to stop private citizens from doing so...

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

1384. Re: cordless phones

Newsgroup: rec.radio.scanner
Date: 1994-08-31 07:13:38 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Aug30.231338.4481@cmkrnl>
Source record: 269348

In article <33vv0s$g2n@search01.news.aol.com>, scan911@aol.com (SCAN911) writes:
> In article <33vmtf$8uk@matt.ksu.ksu.edu>, joshtu@ksu.ksu.edu (Joshua M
> Tuel) writes:
>
>> Is listing to coardless phones illegal... If so what does the law >say
> about it thanks in advance
>
> Cordless phones totally legal. Cell phones illegal. IMTS mobile phones
> and most other phones illegal. So, go listen to your neighbors and report
> them to the cops if you want. You have a RIGHT to monitor them! The U.S.
> Supreme Court backed that up with a case from Scott County, Iowa!

Depends on where you are. California that prohibits listening to cordless phones as well as cellular and other mobile. The ECPA does not specifically say that it's ok to monitor cordless phones; they simply are not covered under the definition of the phones that are illegal to monitor, so there is no issue of federal pre-emption. But I don't know if it's been upheld in court. (Any good lawyer -- er, just so we know what I am and am not saying, make that "any competent lawyer" -- will tell you that statutory laws means little until there is case law that upholds them.)

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

1385. Re: SECRET Memo to FBI Director

Newsgroup: rec.radio.scanner
Date: 1994-08-31 10:54:34 UTC
From: jldavis@nyx10.cs.du.edu
Message-ID: <341nha$b65@nyx10.cs.du.edu>
Source record: 269736
Cross-posted to: alt.2600,alt.2600hz,rec.radio.scanner,alt.privacy,alt.radio.scanner,comp.org.eff.talk

In article <CvDBxq.J6q@rci.ripco.com>, Glen Roberts <glr@ripco.com> wrote:
>--
>SECRET
>2/3/86
>

Great Glen. You FOIA'd 8 year old stuff the statute of limitations has run
out on. Good job.
--
PGP PUBLIC KEY via finger! JAFEFFM Speaking & Thinking For Myself!

* eagle@deeptht.armory.com * email <info@eff.org> *
*** O U T L A W S On The E L E C T R O N I C F R O N T I E R ****
***** Committed to Free Public Internet Access for World Peace *****
"When cryptography is outlawed, bayl bhgynjf jvyy unir cevinpl!" JPB

1386. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-08-31 12:13:06 UTC
From: Bill McCall <70003.4300@CompuServe.COM>
Message-ID: <341s4idoi1@mhadg.inhouse.compuserve.com>
Source record: 269703

"Thanks to this report, I think we can finally state "THE TRUTH":

Modifiable units: FCC-ID AA020-300, serial number does not begin with A. Nonmodifiable units: FCC-ID AA020-300A, serial number begins with A.

Anything that doesn't follow this rule should be reported to the group immediately.

This seems closer to "the truth" than the post that started this thread. I would add, I haven't found an exception to the 3A4 and earlier date code is modifiable and 4A4 and later is not.

PS I wouldn't consider an insider at RS as an accurate source for anything other than what time they open. And I would doublecheck that. But that goes back to when I had to tell Tandy support how to install a 2nd 3.5" floppy in there 1000 TL model.

--
Clowns to the left of me, Jokers to the right, here I am stuck in the Internet with you!

1387. Re: {REQUEST} Farifax Virginia Scanner Freq!!!

Newsgroup: rec.radio.scanner
Date: 1994-08-31 12:16:37 UTC
From: Schoen@ix.netcom.com
Message-ID: <341sb5$l7h@ixnews1.ix.netcom.com>
Source record: 269704

In <33vgpl$3e@portal.gmu.edu> ddalton1@gmu.edu writes:

>
>Fairfax/Falls Church/Arlington
>Fire Rescue Police Freq. Wanted
>Email me or Post!!
>Thanks
>Also if you have any other interesting Northern VA Freq.
>Please Post/Email
>Thanks
>ddalton1@gmu.edu
>
>

Falls Church PD Disp. 453.9250
Falls Church PW 045.0800
SIRS 039.5400
P-MARS 453.5500
Fairfax Co. PD 854.1375
Fairfax Co. PD 853.4875
Fairfax Co. Fire Disp. 460.5750
Arlington Co. PD Disp. 453.8250
Arlington Co. FD Disp. 154.1300
Fairfax City PD Disp. 453.9750
Town of Vienna PD Disp. 155.7000
Alexandria FD Disp. 154.4300
Loundon Co. FD Disp. 046.3800
Pr. William Co. PD Disp. 453.3750
Pr. William Co. FD Disp. 154.3250

Also check out surburban MD and DC, some or most of which can be heard if you are fairly close. MD is a heavy user of 494-497 and DC PD is a heavy user of 460.0250-460.5000. Don't forget federal users, which are all over this area, Northern VA and Southern MD included. For the best book on frequencies, callsigns, users, etc. and maps and system information, check out the Scanner Master Virginia/Metro DC book.

David

schoen@ix.netcom.com

1388. Ithaca NY RS store number, re pro 2006 for $199

Newsgroup: rec.radio.scanner
Date: 1994-08-31 12:29:34 UTC
From: physbs@muccmail.missouri.edu
Message-ID: <physbs.174.000C7E92@muccmail.missouri.edu>
Source record: 269739

Can anyone tell me the store number of the RS that sold these for that price.
I went down to my local RS and argued for a better price. They said that they
couldn't budge and honour a better price if they couldn't confirm another
stores price. A store number would be a start.

Bernhard Stepke, Ph.D. physbs@muccmail.missouri.edu
Dept of Physiology University of Missouri
Columbia MO 65212 (314) 882-7666

1389. Re: Pro-51 800Mhz reception w/o antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-31 12:41:15 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CvEGKs.Jr4@nntpa.cb.att.com>
Source record: 269705

In article <39242@ursa.bear.com>, Tony Necakov <necakov@dev2.bear.com> wrote:

>I have a Pro-51 and couldn't receive any 800Mhz frequencies from my apartment
>unless I removed the antenna and then the signals came flooding in...

Given that your scanner works differently in another location,
perhaps you live very close to a transmitter in the 800-950 MHz range
which is overloading your scanner.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1390. My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-31 13:29:58 UTC
From: ottojg@freenet.tlh.fl.us
Message-ID: <ottojg-3108941729580001@hotline.cc.fsu.edu>
Source record: 269760
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

> In article <33vge3$ali@anshar.shadow.net>,
> aengler@anshar.shadow.net (A. Engler Anderson) wrote:
>> Nico Garcia (raoul@athena.mit.edu) wrote:
>>> In article <Cv5wrM.7E3@cbnewsh.cb.att.com>
>>> wcs@cbnewsh.cb.att.com (bill.stewart@pleasantonca.ncr.com) writes:
>> Now, a nice letter from your lawyer and sent to the local newspaper
>> with dates, times, and places of his activities is another story.

> I think a nice letter, sent certified mail, to the police department
> would bring matters to a close,...

It would be just as likely to bring you to a close. The only thing they
understand is superior force, in this case, superior political force
might do, if you've got friends in the media to back your play.
--
jgo ottojg@freenet.tlh.fl.us

1391. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-08-31 13:53:14 UTC
From: booda@lynx.noo.navy.mil
Message-ID: <34220a$rpl@spitfire.navo.navy.mil>
Source record: 269753
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

In article <Cv43MM.5qq@rci.ripco.com>, glr@ripco.com (Glen Roberts) writes:
|> R Agent (rogue@ccs.neu.edu) wrote:
|> : In article <Cv2A94.6G6@rci.ripco.com>, Glen Roberts <glr@ripco.com> wrote:
|> : [...]
|> : >Actually, I did that. It made a different too. One police officer in
|> : >Lindenhurst, Illinois, took to running the license plates of all
|> : >vehicles in our drive way (for no legitimate police purpose), and
|> : >when I was discussing it with their boss (the village mayor), he asked
|> : >how I knew the officer was doing that... when I said I heard it on the
|> : >scanner, the Mayor said, "well, that will stop," and it did.
|>
|> : yes, I bet 'it' stopped. 'It' being using open freqencies to call in
|> : the plates of the cars in your driveway. Now he writes them down &
|> : brings them into the station.
|>
|> : Made a difference. Uh huh.
|>
|> : RA
|>
|> They don't drive by the house at 2 miles per hour anymore either.
|>
Don't have to. Note the drawn blinds in the upstairs window in the house
across the street.
--
"While we argued about who should, those that could, did."-Anon | USENET: Arti-
fact Creature,Casting Cost 1B. Summon Net. 10/2. Swampwalk,Trample,First Strike
& Regeneration. Gains two points of power for each point of black mana. Negates
banding and protection of all creatures in play. Text: "Legend has it that the
Net used to be nastier, but how could that be?" M. Booda (booda@navo.navy.mil)

1392. Re: No more alt.radio.sca

Newsgroup: rec.radio.scanner
Date: 1994-08-31 13:53:22 UTC
From: jkearman@arrl.org
Message-ID: <1994Aug31.135322.15611@arrl.org>
Source record: 269710

Paul Cordingley (paul.cordingley@canrem.com) wrote:

: IMHO we the people who read these groups ought to reach a consensus about
: what goes into each newsgroup and stick to it. My humble suggestion:
: Let's all agree that REC.RADIO.SCANNER is the place for technical and
: factual information exchange - frequencies, antennas, how different radio
: technologies work, etc. And let's all agree that ALT.RADIO.SCANNER is the
: forum for broader discussion or non-technical issues - laws, freedoms,
: ethics, opinions about commercial practices, etc. Both types of discussions
: are quite valid but each have a time and a place and probably ought to
: function separately.

I disagree. Rec.radio.scanner was intended to replace alt.radio.scanner,
as many sites (like mine) do not receive alt groups, leaving many
scanner fans out in the cold.

When rec.radio.scanner began, alt.radio.scanner was supposed to just
wither away. Rather than cross posting, I suggest everyone stick to
posting solely to rec.radio.scanner.

There isn't so much traffic on this group that it cannot withstand
discussions of all facets of scanner listening.

Good listening,

Jim
jkearman@arrl.org

1393. Newcommer AOR AR-3000 questions.

Newsgroup: rec.radio.scanner
Date: 1994-08-31 14:00:54 UTC
From: guest1@ind.rwth-aachen.de
Message-ID: <3422em$kq3@urmel.informatik.rwth-aachen.de>
Source record: 269706

1. I am looking for a remote control program (over RS-232) for my AR-3000.
The program should be running on an IBM PC.

It should be able to scan frequency bands, log field strength statistics and
give a graphical overview about the long term band activity.

I saw several programs for Icom and Kenwood rigs on ftp.funet.fi in
/pub/ham/misc, but I didn't found any programs for the AOR AR-3000.
I searched with archie and veronica, but I found really nothing.

There aren't any sources for the Icom and Kenwood programs on the net only
the binaries. Has anybody a program for the AR-3000 or the sources for
the Icom and Kenwood programs? If I get this sources I will modify them
for the AR-3000 and post them on the net.

2. Are the newsgroups rec.radio.scanner, alt.scanner or rec.radio.digital.misc
achieved by any anonymous ftp side?

3. There are a lot of programs to decode packet radio (AX25).
They need different hardware support (TNC, FSK-Modem or a single OP-circuit
at the serial port of the PC).

The program pktmon12.pas for example can decode AX25. It only needs
a OP which convert the scanner audio input in a binary RS-232 signal.
It comes with full source code and works very fine on strong signals.

Has anybody modified pktmon12.pas or any similar programs to decode

a) the number dialed by any kind of mobile phones
b) the number dialed by any kind of cellular phones
c) the number dialed by any kind of cordless phones
d) POSAG paging signals
e) airplane VHF-transponder signals
f) any other digital stuff?

Wouldn't it be nice to do it and make the software PD to share the work?

But is this the right newsgroup to talk about decoding digital signals?
The netters in rec.radio.digital.misc seem to be only interested in
decoding AX25.

Please respond by email. I will post a summary.

Thanks in advance. Bye,

Karl

1394. Re: SHUT UP! Was Trigger Fish

Newsgroup: rec.radio.scanner
Date: 1994-08-31 14:13:26 UTC
From: jkronz@pts.mot.com
Message-ID: <CvEKuE.3tM@pts.mot.com>
Source record: 269742
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Glen Roberts (glr@ripco.com) wrote:
: Warren Leach (warren@bluesky.com) wrote:
: : In article <CvBJv3.KK2@rci.ripco.com>
: : glr@ripco.com (Glen Roberts) writes:

: : > Warren Leach (warren@bluesky.com) wrote:
: : > : Glen,
: : > : Would you consider not cross-posting this thread to rec.radio.scanner
: : > : or alt.radio.scanner? Please?
: : >
: : > : Warren Leach, Cruise Director
: : > : Blue Sky Research, Portland, Oregon
: : >
: : > Absolutely not. It is directly relevant. Not only is the Triggerfish a
: : > scanner accessory, it is directly relevant to the supposed legislation
: : > you all think I am gonna get passed that will outlaw all your little
: : > scanners.

: : Glen,
: : I just asked (nicely I might add). There is no mention in my post of
: : the relevancy of your article. Sounds like you were preloaded about
: : someone suggesting that it isn't relevant. It's just that I'm growing
: : weary of your tirades. First a transcript of your phone call to the
: : White House, now an advertising parody, poorly thought out at that.
: : Just so much noise, Glen.

: If it's relevant, then it should be posted here. Any suggestion that it
: not be here... is obviously a request that someone shut up...

: I could really careless whether you are tired of my "tirades" or not. It
: is not part of my decision whether or not to post something. (Except this
: tirade, of course).
: : > Would you, PLEASE worry about what you want to say and not what you want
: : > other people NOT TO SAY.

: : OK. Piss off. Please.

: : Warren Leach, Cruise Director
: : Blue Sky Research, Portland, Oregon

: Well... put me in your kill file...

: Or... welcome to the Information Super Highway... were 99% of the
: traffic is telling someone to shut up!
: --
: ---------------------------------------

: Glen L. Roberts, Editor, Full Disclosure Magazine
: Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
: email glr@rci.ripco.com for information on The Best of Full Disclosure,
: four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
: No record. No Trace calling: 1-900-STOPPER (786-7737). $1.95/min
: ----------

My First Flame (I am Getting tired of dumbasses)

glen,

1. YOUR NOT ON THE "information superhighway"
2. IT's people LIKE you, who cause 99.9% of the shut your ass up traffic.
3. Please keep killing scanner listeners rep and make a big stir in
washington. Maybe you won't have enough time to post here then.

thanks,

jason

These Are MY opinions and do not reflect those of Motorola Inc.

Jason Kronz |
jkronz@pts.mot.com | (This space intentionally left blank)
N9OFN |
Cyber-Pilot (VFR only) |

1395. Indianapolis WIBC freq. wanted

Newsgroup: rec.radio.scanner
Date: 1994-08-31 14:13:49 UTC
From: darian@MCS.COM
Message-ID: <34236t$rck@Venus.mcs.com>
Source record: 269707
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I was wondering if anyone might know how to pick up the Colts games?
Someone told me that it's possible to pick up the radio station WIBC in
Indianapolis which broadcasts the games...anybody know of their freq or
of any other freq where I could hear the games?

BTW, WIBC is 1070 AM if that helps any.

Thanks much in advance!!
--

Darian Mychals
(darian@mcs.com)

1396. Discone or All-Band?

Newsgroup: rec.radio.scanner
Date: 1994-08-31 14:39:02 UTC
From: shawn4sk1@aol.com
Message-ID: <3424m6$4l7@search01.news.aol.com>
Source record: 269712

I know one's $60, one's $30 (at RS), but I just got my 2006 and wanted to know if I'm gonna have ALOT greater performance using a Discone over an All-band or just so-so/about the same... I do want something that'll work well for all my scanner's bands but don't wanna pay $60 when I could pay $30... ya know? :-)

Thanks ALL!

Shawn4SK1

1397. Re: Pro-51 800Mhz reception w/o antenna

Newsgroup: rec.radio.scanner
Date: 1994-08-31 14:43:00 UTC
From: armyrman@vms4.sci.csupomona.edu
Message-ID: <1994Aug31.074300.1@clstcs>
Source record: 269709

In article <CvEGKs.Jr4@nntpa.cb.att.com>, parnass@nwsf.ih.att.com (Bob Parnass, AJ9S) writes:
> In article <39242@ursa.bear.com>, Tony Necakov <necakov@dev2.bear.com> wrote:
>
> >I have a Pro-51 and couldn't receive any 800Mhz frequencies from my apartment
> >unless I removed the antenna and then the signals came flooding in...
>
> Given that your scanner works differently in another location,
> perhaps you live very close to a transmitter in the 800-950 MHz range
> which is overloading your scanner.

It might be on the roof of the building your in.
You said your on the 16th floor,, how many more to the top?
It might not even be a 800-900 MHz trasnmitter. It could be a frequency that the rubber duck is better tuned for and overloading the front end that way.
Who knows, it just might be a heavy trunk system up on the roof.

Alex R. Myrman - KC6TMB - armyrman@vms4.sci.csupomona.edu
College of Science Computational Systems - (909) 869-4226
California State Polytechnic University, Pomona, CA. USA

1398. Radio Shack SOS Memorandum on scanners

Newsgroup: rec.radio.scanner
Date: 1994-08-31 14:46:04 UTC
From: horak@convex.com
Message-ID: <34253c$3s1@eugene.convex.com>
Source record: 269713

The other day when I purchased my Pro51, the salesman showed me this document. I asked him for a copy of it and he made me one. Here is the document in its entirety.....

SOS4630 4.99 Text File ems03224 Page 1
Printed: 08/13/94 11:31 01-8162

Date: August 12, 1994

To: Distribution List F1

From: Merchandising Department

Subject: URGENT - IMMEDIATE ACTION REQUIRED
20-148, 20-305, 20-308, 20-504 Scanners

Memo Id: 3224

S O S M E M O R A N D U M

URGENTURGENT**URGENT**
IMMEDIATE ACTION REQUIRED

Due to an engineering defect, we are required by Federal regulation to cease selling or displaying the following two scanners:

20-305 PRO-46 HANDHELD SCANNER
20-504 PRO-23 HANDHELD SCANNER

IMMEDIATELY!! Remove these two scanners from display. Place them in a carton in your back room along with all story inventory. In the event you receive any additional shipments, place them in quarentine along with your display and current store stock. You will receive future shipping instructions for the return of these models for rework.

NOTE: THIS IS A FEDERAL REQUIREMENT. COMPLIANCE IS MANDATORY AND VIOLATIONS ARE SUBJECT TO SEVERE PENALTIES. ANY STORE FOUND IN NON-COMPLIANCE WILL BE SUBJECT TO DISCIPLINARY ACTION. POS WILL BE MONITORED DAILY TO ASSURE THAT ALL SALES OF THESE TWO SCANNERS HAVE CEASED. THERE ARE NO EXCEPTIONS, INCLUDING LAY-AWAYS.

We have also stopped warehouse replenishment for two additional scanners:

20-148 PRO-2026 MOBILE SCANNER
20-308 PRO-51 HANDHELD SCANNER

Current information indicates these two models can continue to be sold.
Continue to sell your supply of these two models unless notified otherwise.

If you have any questions, contact your District Sales Manager.

1399. RS 2005 Mod Needed

Newsgroup: rec.radio.scanner
Date: 1994-08-31 14:49:30 UTC
From: dcartier@hookup.net
Message-ID: <dcartier.39.2E649879@hookup.net>
Source record: 269711

Hi, I'm about to purchase a used RS Pro 2005 and I would like to get the mod to unlock the blocked frequencies. Thanks in advance for any help you can give me.

Dennis Cartier

1400. Pro 2006 Portable Carrying Case?

Newsgroup: rec.radio.scanner
Date: 1994-08-31 14:55:55 UTC
From: ucsc_copy_center@macmail.ucsc.edu
Message-ID: <3425lr$nam@darkstar.UCSC.EDU>
Source record: 269714

I was wondering if anyone had any suggestions on a carrying case/battery pack for my Pro 2006 scanner.

I know I could use a handheld, but I want to have the frequency capacity of the Pro 2006 at hand. Besides, I'm not in the market for another scanner right now. I'd rather spend a few bucks on a decent protective case and battery to make this one more versatile.

I had thought of checking out cellular phone accessories and perhaps other manufacturers. Any other ideas?

Thanks in advance.

K.C.

1401. Opto 456 features info request

Newsgroup: rec.radio.scanner
Date: 1994-08-31 15:06:48 UTC
From: fa419@cleveland.Freenet.Edu
Message-ID: <3426a8$f76@usenet.INS.CWRU.Edu>
Source record: 269715

I'd like to hear from anyone who has the Opto 456/Pro 2006 combination
regarding what the software can make the scanner do. Specifically,
Can you lock out certain frequencies within a search range? (*Not
preprogrammed channels, but actual freqs*)
Can you tape record the content of frequencies that get logged?
Could a lowly '88 run this system? (*a good use for such a machine*)
How useful is the software that comes bundled with it?
How useful/expensive are the Scan Cat/Scan Cat Pro packages?
Can I write software to manipulate the little beast?
What do you really like about it? What do you hate?

Thanks in my pants! =:} (*blush*) I mean 'in advance'!

1402. Re: Freq for portland oregon

Newsgroup: rec.radio.scanner
Date: 1994-08-31 15:12:27 UTC
From: tw@intel.com
Message-ID: <CvEnKs.KCG@ibeam.intel.com>
Source record: 269741
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Having also been unable to positively any TACII switchover, I'd speculate that possibly it is simplex? Various net.gurus have mentioned such usage for tactical frequencies in LA and other areas.

Anyway, to address the current request, PPD had licensed at last check:
856/57/58/59/60 .2625/.4375/.4625/.7125/.7375
note that TACII could also be an interagency, and maybe police call has it listed under a different local agency. Washington County Sheriff recently moved from 460 .375/.150/.525 up to the 800 trunked band. An acquaintance (nm7b) relates that they have started sharing a system with Beaverton, Hillsboro, and possibly Tigard.

1403. WC and BGN freqs needed

Newsgroup: rec.radio.scanner
Date: 1994-08-31 15:28:07 UTC
From: jss@etbsun.larc.nasa.gov
Message-ID: <3427i7$s3o@reznor.larc.nasa.gov>
Source record: 269716

Hello fellow scanner heads;

I am going to the two NASCAR races in Richmond on the 9th and 10th, and I need the freqs for the radios in the cars. Could someone please post or E-mail them to me. I would greatly appreciate it.

Jim Smith

********** I was lined up for glory but the tickets
** Jim Smith - PCB designer ** sold out in advance. - Neil Peart
** jss@longstreet.larc.nasa.gov ** Let's get naked and form a conga line.
********** - J. Buffett

1404. Non-US Frequency Allocations?

Newsgroup: rec.radio.scanner
Date: 1994-08-31 15:43:25 UTC
From: usfmcw2j@ibmmail.COM
Message-ID: <9408311545.AA22498@inet-gw-2.pa.dec.com>
Source record: 269717

---------- Mail item text follows ----------

To: INTERNET--IBMMAIL

From: Matt Loiselle
Subject: Non-US Frequency Allocations?

I'm looking for information on the frequency allocations in Europe, Japan, and middle eastern countries such as Saudi Arabia.

Something similar to the US CFR 47 would be ideal. I'm interested in band usage and maximum allowed effective radiated powers and possibly min/max antenna heights.

Does anyone know where I might find this information either in book form or possibly on CD-ROM or some other medium?

Thanks!!

Matt Loiselle LT EMC/RFI | Clinton economic strategy:
x59121 Fax x54220 | - If it moves, tax it.
usfmcw2j@ibmmail.com | - If it keeps moving, regulate it.
m.loiselle@ieee.org | - If it stops moving, subsidize it.

1405. WANTED: Thordarson Xfmrs

Newsgroup: rec.radio.scanner
Date: 1994-08-31 15:45:51 UTC
From: jcarcia@arrl.org
Message-ID: <1994Aug31.154551.18158@arrl.org>
Source record: 269735

Does anyone know a sourse ("new" or used) for Thordarson transformers?
I am looking for a type T5736 af transformer.

Ocean State, All Electronics and some of the local shops don't
stock this make.

Thanks.

Joe, NJ1Q

--
Joseph Carcia, NJ1Q | "The surest sign that Intelligent
ARRL Outgoing QSL Service Mgr. | life exists elsewhere in the Universe
American Radio Relay League | is that NONE of it has ever visited
225 Main St. | the EARTH!" - Calvin & Hobbs

1406. PRO-23 for sale

Newsgroup: rec.radio.scanner
Date: 1994-08-31 16:05:47 UTC
From: Lee_Hines@SMTP.esl.com
Message-ID: <Lee_Hines-3108940911010001@m11004.esl.com>
Source record: 269734

Make me an offer. 2 months old. Paid $199.00 + tax (roughly $214.00).

--
Lee Hines - Builder/Owner
Gator's Golf

Views expressed here are not necessarily those of my employer.

Go Gators - '91&'93 SEC Champs
Go Dolphins
(FSU.....just go away)
Work is for people who don't fish, hunt or play golf.

1407. Pro-43 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-08-31 16:10:21 UTC
From: icctrk!icctrk@icctrk.uucp.netcom.com
Message-ID: <y4JXRc1w165w@icctrk.uucp.netcom.com>
Source record: 269738

MAKE OFFER!

PRO-43 less than 1 year old. Includes Cellular Mod! (Professionally done!)
Has carrying case, External shoulder speaker, rechargeable batteries and
charger.

This is in MINT condition. Used only at home and at the office.

Contact me via email or voice 8am-5pm (405) 949-9070 Ask for Kris Veitch

+=+=+=

1408. Re: Discone or All-Band?

Newsgroup: rec.radio.scanner
Date: 1994-08-31 17:33:22 UTC
From: domonkos@access.digex.net
Message-ID: <VWCPkiubGIfE066yn@access.digex.net>
Source record: 269740

In article <3424m6$4l7@search01.news.aol.com>, Shawn4sk1 wrote:
> I know one's $60, one's $30 (at RS), but I just got my 2006 and wanted to
> know if I'm gonna have ALOT greater performance using a Discone over an
> All-band or just so-so/about the same... I do want something that'll work
> well for all my scanner's bands but don't wanna pay $60 when I could pay
> $30... ya know? :-)
>
> Thanks ALL!
>
> Shawn4SK1
>

I use the RS $29.95 Multiband band vertical w/great results on my 2006...on
all bands...

Andy

1409. Re: Pro-2006 30k steps?

Newsgroup: rec.radio.scanner
Date: 1994-08-31 17:39:04 UTC
From: horak@convex.com
Message-ID: <342f7o$g51@eugene.convex.com>
Source record: 269737

In <778276936@f747.n115.z1> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:

> -=> Quoting Matthew Davies to All <=-

> MD> Is there a mod to give the Pro-2006 the 30khz steps that it has in the
> MD> rest of the world? I hate using the 5khz setting. Way, way too slow.

> Try hitting the RESET key when the unit is in search mode. I am not
>sure, but 30 khz may not display in the LCD, but it will search this way.

This will only work if you are in the cellular band. You cannot get
30 KHz steps outside that band.

FYI,
David

1410. Wanted: PRO 2029 MODS... Pleeease!

Newsgroup: rec.radio.scanner
Date: 1994-08-31 18:01:39 UTC
From: corwin@cedre1.ensta.fr
Message-ID: <342gi3$emp@ici-paris.ensta.fr>
Source record: 269743

As title says... Has anyone ever made mods to a PRO 2029 scanner?

Thanks,
Gilles.

--
---------------<([Gilles Gravier -- corwin@ensta.fr])>---------------
I know you believe you think you understand what you thought you heard me
say, but I am not sure you realize that what you thought you heard is not
what I meant.

1411. NJ State Police freqs?

Newsgroup: rec.radio.scanner
Date: 1994-08-31 18:50:16 UTC
From: crumrine@crsgi1.erenj.com
Message-ID: <1994Aug31.185016.10958@erenj.com>
Source record: 269749

Hi,

As per subject, I would like to know what freqs they are on,
to or at least where to start looking. As I am new to this,
any other interesting freqs in NJ/NY area would be appreciated..

Mike

1412. Re: cordless phones

Newsgroup: rec.radio.scanner
Date: 1994-08-31 19:20:37 UTC
From: spiel@cc.emory.edu
Message-ID: <342l65$6om@emoryu1.cc.emory.edu>
Source record: 269746

SCAN911 (scan911@aol.com) wrote:
: Cordless phones totally legal. Cell phones illegal. IMTS mobile phones
: and most other phones illegal. So, go listen to your neighbors and report
: them to the cops if you want. You have a RIGHT to monitor them! The U.S.
: Supreme Court backed that up with a case from Scott County, Iowa!

: Chuck
: scan911@aol.com

I read in New York Magazine that listening to cordless phones is illegal
in the City of New York. I can not site the date of the article, but it
was probably 1 or 2 years old, and the article was on scanning.

-Stephan Piel

1413. Re: CF's PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-08-31 19:41:01 UTC
From: cfoote@k12.ucs.umass.edu
Message-ID: <1994Aug31.194101.15556@k12.ucs.umass.edu>
Source record: 269744

In a previous article, jerry@hnrc.tufts.edu (Jerry Dallal) says:

>My Magic 8 Ball says, "Outlook not so good." The posts to date suggest that
>this unit is unmodifiable. The FCC-ID ends in 300A and the serial number
>starts with A. No one has reported successfully modifying such a unit.
>
>My suggestion: There *are* modifiable units out there (FCC-ID ending in 300,
>serial number not beginning with A). Call all your local RSs and ask them to
>check their stock. When you locate a modifiable unit, swap. (I assume you're
>still within the 30 day money back period).

Hi Jerry,
I'll give it a shot. Thanks for the info- I believe they still have one
with the REALISTIC label on display in the shop- I'll see what I can do.

-Chris

--

Chris Foote
Email: cfoote@k12.ucs.umass.edu
Rockford Fosgate - Kenwood - Stillwater Designs - Pioneer - In a JGC '93

1414. PRO-51 goes bye bye

Newsgroup: rec.radio.scanner
Date: 1994-08-31 19:44:55 UTC
From: cfoote@k12.ucs.umass.edu
Message-ID: <1994Aug31.194455.16157@k12.ucs.umass.edu>
Source record: 269745

Hiya....I work for RS and we got a NEWS FLASH that they were discontinuing the unit because of "engineering errors". Could someone double check this? I know it's coming from the HQ, but ya never know...

-Chris

--

Chris Foote
Email: cfoote@k12.ucs.umass.edu
Rockford Fosgate - Kenwood - Stillwater Designs - Pioneer - In a JGC '93

1415. Re: Opto 456 features info request

Newsgroup: rec.radio.scanner
Date: 1994-08-31 19:52:33 UTC
From: "David Josephson", Josephson Engineering <david@josephson.com>
Message-ID: <CvF0JL.GM7@rahul.net>
Source record: 269747

In <3426a8$f76@usenet.INS.CWRU.Edu> fa419@cleveland.Freenet.Edu (Mike Staples) writes:

>I'd like to hear from anyone who has the Opto 456/Pro 2006 combination
>regarding what the software can make the scanner do. Specifically,
>Can you lock out certain frequencies within a search range? (*Not

Yes.

>preprogrammed channels, but actual freqs*)
>Can you tape record the content of frequencies that get logged?

Yes, but without any data of which channel the audio came from. The
radio has recorder stop/start and audio outputs.

>Could a lowly '88 run this system? (*a good use for such a machine*)

Yes. I have it running on an old V20-equipped laptop.

>How useful is the software that comes bundled with it?

Plenty useful, you just have to drive through all the menu options and
figure out what each does. The documentation is, um, limited.

>How useful/expensive are the Scan Cat/Scan Cat Pro packages?

Have not seen.

>Can I write software to manipulate the little beast?

The command set is based on Icom's CI-V protocol. If you ask Optoscan
they will send you a complete command set. It's pretty straightforward,
with all transactions between the computer and the 456-equipped radio
over a serial pair.

>What do you really like about it? What do you hate?

I really like the whole product. It works fine. What I hate is that
the software, while it does everything I've thought of that it should
do, is cumbersome to get around in. For instance, you will learn that
you can name a given channel/PL combination so that the name comes up
when the channel is active. That's really neat, but I found it by
accident. You can learn to make it do whatever you want, but it just
takes running through the software a lot and writing down the map as
you go. The only big limitation for me is that the DTMF buffer on the
board limits DTMF decoding to a string of about 100 digits. If you
want to download parameters from a repeater via DTMF, for instance,
you have to figure out a kludge to break up a long string into smaller
ones.

The "professional" version of the software is more money. You can download a version of it from the author's bbs, that is fully functional but for only 30 minutes per run. It offers a graphics display spectrum analyzer, and logs signal strength along with the channel data (the version shipped with the unit displays signal strength but does not log it). There are also some more flexible search/scan modes but I have not needed them. I have been unable to get a response from the author on some minor bugs and changes that I wanted done, even though we are within a few miles of each other.

The installation instructions are very clear but don't work in one critical area. They provide mini-hooks to clip on a couple of critical points in the radio to bring out signals. The points on the radio aren't big enough to be clipped to, unless the radio is never moved (the clip falls off if you move it). Solution, discard the clips and solder the wires on, carefully. Takes 1 minute.

Summary: great product, the included software works fine once you learn it, lousy software support.

--
David Josephson / Josephson Engineering / San Jose CA / david@josephson.com

1416. Re: PRO-51 goes bye bye

Newsgroup: rec.radio.scanner
Date: 1994-08-31 20:01:04 UTC
From: horak@convex.com
Message-ID: <342ni0$sjj@eugene.convex.com>
Source record: 269748

In <1994Aug31.194455.16157@k12.ucs.umass.edu> cfoote@k12.ucs.umass.edu (Chris Foote (Wilbraham & Monson Acad. 96)) writes:

>Hiya....I work for RS and we got a NEWS FLASH that they were discontinuing
>the unit because of "engineering errors". Could someone double check this? I
>know it's coming from the HQ, but ya never know...

OK, here it is again. This is the only memo I have.....

From rec.radio.scanner Wed Aug 31 10:08:50 1994
From: horak@convex.com (David Horak)
Date: 31 Aug 1994 09:46:04 -0500
Newsgroups: rec.radio.scanner
Subject: Radio Shack SOS Memorandum on scanners

The other day when I purchased my Pro51, the salesman showed me this
document. I asked him for a copy of it and he made me one. Here is
the document in its entirety.....

SOS4630 4.99 Text File ems03224 Page 1
Printed: 08/13/94 11:31 01-8162

Date: August 12, 1994

To: Distribution List F1

From: Merchandising Department

Subject: URGENT - IMMEDIATE ACTION REQUIRED
20-148, 20-305, 20-308, 20-504 Scanners

Memo Id: 3224

S O S M E M O R A N D U M

URGENTURGENT**URGENT**
IMMEDIATE ACTION REQUIRED

Due to an engineering defect, we are required by Federal regulation to cease
selling or displaying the following two scanners:

20-305 PRO-46 HANDHELD SCANNER
20-504 PRO-23 HANDHELD SCANNER

IMMEDIATELY!! Remove these two scanners from display. Place them in a
carton in your back room along with all story inventory. In the event you
receive any additional shipments, place them in quarentine along with your

display and current store stock. You will receive future shipping instructions for the return of these models for rework.

NOTE: THIS IS A FEDERAL REQUIREMENT. COMPLIANCE IS MANDATORY AND VIOLATIONS ARE SUBJECT TO SEVERE PENALTIES. ANY STORE FOUND IN NON-COMPLIANCE WILL BE SUBJECT TO DISCIPLINARY ACTION. POS WILL BE MONITORED DAILY TO ASSURE THAT ALL SALES OF THESE TWO SCANNERS HAVE CEASED. THERE ARE NO EXCEPTIONS, INCLUDING LAY-AWAYS.

We have also stopped warehouse replenishment for two additional scanners:

20-148 PRO-2026 MOBILE SCANNER
20-308 PRO-51 HANDHELD SCANNER

Current information indicates these two models can continue to be sold. Continue to sell your supply of these two models unless notified otherwise.

If you have any questions, contact your District Sales Manager.

1417. Re: Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-08-31 20:15:51 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.79.000E441A@chevron.com>
Source record: 269759

>[All the above still considered 911 however. Zenith 12000 might be in
>there too... possibly as interagency]

Today if you call a landline ("0") operator and ask for Zenith 12000 or the Highway Patrol you will be instructed to call 911. They seem to rely on interagency transfers now.

BTW - using a direct number to the CHP dispatcher, rather than 911, would get you a dispatcher line that cannot be transfered. I have run into this with amateur autopatching that has a direct, 7 digit CHP number programmed. This may have been unique to the Golden Gate dispatch center in Vallejo and may have been changed - 911 on my cell phone is my first choice for mobile emergencies.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

1418. FOR SALE: Scanner books/reference materials

Newsgroup: rec.radio.scanner
Date: 1994-08-31 20:50:09 UTC
From: mc@shore.shore.net
Message-ID: <342qe1$jbd@shore.shore.net>
Source record: 269756
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

I am clearing out some extra scanner books that're cluttering up my shack:

1: LOW BAND SKIP DIRECTORY by Chuck Robertson published by Grove Enterprises
interesting reference to 29.7 - 50.0 MHz frequencies that can be heard
in North America from the Caribbean, Central & South America ans Europe.
Also contains a frequency cross-reference. $5.00 + postage

2: SCANNER RADIO LISTINGS by Norman H. Schrein, MPA published by FOX
regional guide covering IL, IN, KY, MI, OH and WI. Includes Police,
Fire, Ambulance & Rescue, Local Gov'ts, Forestry, Marine, Mobile Phone,
Aircraft, NOAA Weather, and more. Also included Frequency spectrum
charts. $5.00 + postage

If interested reply by e-mail

Michael Crestohl KH6KD/W1
mc@shore.net

1419. FOR SALE: 460-464 & 480-484 MHz receiving converter for 2m HT

Newsgroup: rec.radio.scanner
Date: 1994-08-31 20:51:42 UTC
From: mc@shore.shore.net
Message-ID: <342qgu$jdq@shore.shore.net>
Source record: 269757
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

FOR SALE: UHF - Public Safety band receiving converter:

Converts 460 - 464 MHz and 480 - 484 MHz Public Safety Band to 144 - 148 MHz which works with a scanning amateur radio 2 meter handie-talkie, mobile or base radio to allow you to listen to the UHF bands. Does not convert on transmit. Designed for use on a 2 meter HT, it has a BNC connector on the bottom that attaches to the HT and another BNC on the top that attaches to the antenna. A three-position switch switches the unit off and selects which band will be converted. Coverage will be expanded on units that scan above and below the 2 meter band. The unit is made by M Squared Electronics and is not to be confused with a cheaper unit that is similar made by a well-known manufacturer of cheap ham and swl accessories. I just installed a brand new battery (AAA). Will sell for $30.00 plus UPS.

If interested please reply by e-mail.

Michael Crestohl KH6KD/W1

1420. Re: NJ State Police freqs?

Newsgroup: rec.radio.scanner
Date: 1994-08-31 21:21:59 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <342s9n$im@thecourier.cims.nyu.edu>
Source record: 269762

I don't know where your Exxon is, but I'm guessing
Elizabeth/Rahway.

NJSP North 860-856.4625 and 860-856.9625. That is, 860.4625MHz,
859.4625MHz, and so on through 856.4625MHz and the same for
.9625. These channels are special in that two of them will
have a very annoying, loud signal on it while the others will
be various voice communications. Lock out the annoying one,
but don't forget about it. The sound moves from channel to
channel, usually precisely at midnight.. take my word for it,
don't go to sleep before midnight with the scanner on these
freqs!

Statewide Intersystem (multiagency chases) 154.680
Elizabeth PD 154.860
Newark PD 460.125 460.15 460.175 460.2
Newark FD 154.13
Rahway/Linden PD 453.275
Roselle Park 159.21
Hillside 154.845
Union Twp 155.055
Union County 460.100 (sheriff and intracounty multiagency chase)
Essex County intersystem 155.100
Bergen/Essex/Union County Rescue dispatch 155.4
Union County fire 46.06 46.12
Shadow Traffic "Suburban Patrol" 453.000
NYPD too many to mention in and around 470, 476-477MHz
NYFD Manhattan dispatch 154.250

those'll keep you busy for now.
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

1421. Re: For Sale : Realistic Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-08-31 21:23:47 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Aug31.212347.29542@hpcvaac.cv.hp.com>
Source record: 269758

shawn4sk1@aol.com (Shawn4sk1) writes:
: In article <1994Aug28.095421.1@cad3.uccb.ns.ca>, rling@cad3.uccb.ns.ca
: writes that he has a 2006 for approx $395 US Dollars.
:
: SO responds: They're selling over here for $345 US Dollars- Radio Shack's
: price. Come down a little bit and you'll probably sell it... :-)

Not with computer control, they're not. The computer mod is about $250, if
you install it yourself.

Bill

1422. Re: SECRET Memo to FBI Director

Newsgroup: rec.radio.scanner
Date: 1994-08-31 21:50:10 UTC
From: glr@ripco.com
Message-ID: <CvF5zn.Jzr@rci.ripco.com>
Source record: 269754
Cross-posted to: alt.2600,alt.2600hz,rec.radio.scanner,alt.privacy,alt.radio.scanner,comp.org.eff.talk

eagle (jldavis@nyx10.cs.du.edu) wrote:
: In article <CvDBxq.J6q@rci.ripco.com>, Glen Roberts <glr@ripco.com> wrote:
: >--
: >SECRET
: >2/3/86
: >

: Great Glen. You FOIA'd 8 year old stuff the statute of limitations has run
: out on. Good job.

I foia'd that years ago. A couple of times, in fact. They changed one
word that was originally classified SECRET to classifieds only CLASSIFIED.
I have other files from them (on me) dating back to 1978.

Anyways, that was they presentation, not mine. Other than the snipe in
there
claimed I was going to inform their target of the surveillance, they didn't
accuse me of any wrong doing.

However, the Justice Department took that complaint much more seriously
than the Ann Arbor Police (of course the FBI blacked out in that memo
was it was I claimed they did).... which was place a threatening phone
call to me. (In fact, it is against written FBI policy that they have
ANY contact with the Press without prior approval from the Attorney
General).

The Justice Department make the agent who placed the phone call prepare
a (3 page) writen affidavit and submit to an oral interview. He was
required (under threat of termination of the FBI) to waive his Privacy
Act and 5th Amendment Rights (I have a copy of the waiver) as a part of
the oral interview. What, was NEVER released under the FOIA was ANY
hint of the outcome of that interview or the Justice Department
inquiry. It is the WRITTEN POLICY of the FBI to DENY any allegations
of wrong doing by their agents. They never DENIED my allegations. In
fact, they never publically addresses them in any manner what-so-ever.

The response to Congressman Pursell by the Special Staff of the intelligence
division was a two paragraph general statement about covert FBI operations.
Of course, they also attached an additional memo classified SECRET,
so Congressman Pursell couldn't give me their whole reply. I didn't know
about that until I got it under the FOIA.

The incident did have a noticable impact on the FBI agents, in that they
made an obvious point of avoiding me on the street.

(It help to know that my contact at that time was nearly daily, as their office was in the same building as my PO Box... in fact, some of the postal clerks asked me why the FBI agents were always running around with basket-ball-bags).
--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure, four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

1423. Re: Radio Shack SOS Memorandum on scanners

Newsgroup: rec.radio.scanner
Date: 1994-08-31 22:02:47 UTC
From: af546@yfn.ysu.edu
Message-ID: <342um7$7p7@news.ysu.edu>
Source record: 269751

Was'nt this same message just previously posted a few days ago?
--

1424. Re: Discone or All-Band?

Newsgroup: rec.radio.scanner
Date: 1994-08-31 22:06:02 UTC
From: shawn4sk1@aol.com
Message-ID: <342usa$cda@search01.news.aol.com>
Source record: 269761

Thanks Andy and Aldrin for the responses. I chose the All-Band over the Discone- it IS a monster but I managed (after a day's work! :-) to get it up in my attic!

Folks, if you're wondering- the All-Band antenna is a great $30 purchase! I'm picking up almost toooo much- I'm new to scanning, I heard about "ghost" signals or whatever, where what you're hearing really isn't on that freq but you're hearing it there anyway- I think I'm now getting a few of those. Oh well... I'm still much happier!

:-)

Shawn4SK1

1425. Re: PRO-51 goes bye bye

Newsgroup: rec.radio.scanner
Date: 1994-08-31 22:40:06 UTC
From: dwilson@ac.brocku.ca
Message-ID: <1994Aug31.224006.1616@spartan.ac.BrockU.CA>
Source record: 269755

David Horak (horak@convex.com) wrote:
: In <1994Aug31.194455.16157@k12.ucs.umass.edu> cfoote@k12.ucs.umass.edu (Chris Foote (Wilbraham & Monson Acad. 96)) writes:

: >Hiya....I work for RS and we got a NEWS FLASH that they were discontinuing
: >the unit because of "engineering errors". Could someone double check this? I
: >know it's coming from the HQ, but ya never know...

: OK, here it is again. This is the only memo I have.........

: From rec.radio.scanner Wed Aug 31 10:08:50 1994
: From: horak@convex.com (David Horak)
: Date: 31 Aug 1994 09:46:04 -0500
: Newsgroups: rec.radio.scanner
: Subject: Radio Shack SOS Memorandum on scanners

: The other day when I purchased my Pro51, the salesman showed me this
: document. I asked him for a copy of it and he made me one. Here is
: the document in its entirety........

: SOS4630 4.99 Text File ems03224 Page 1
: Printed: 08/13/94 11:31 01-8162

: Date: August 12, 1994

: To: Distribution List F1

: From: Merchandising Department

: Subject: URGENT - IMMEDIATE ACTION REQUIRED
: 20-148, 20-305, 20-308, 20-504 Scanners

: Memo Id: 3224

: S O S M E M O R A N D U M

: ---

: **URGENT**URGENT**URGENT**
: IMMEDIATE ACTION REQUIRED

: Due to an engineering defect, we are required by Federal regulation to cease
: selling or displaying the following two scanners:

: 20-305 PRO-46 HANDHELD SCANNER
: 20-504 PRO-23 HANDHELD SCANNER

: IMMEDIATELY!! Remove these two scanners from display. Place them in a
: carton in your back room along with all story inventory. In the event you

: receive any additional shipments, place them in quarentine along with your
: display and current store stock. You will receive future shipping
: instructions for the return of these models for rework.

: NOTE: THIS IS A FEDERAL REQUIREMENT. COMPLIANCE IS MANDATORY AND
: VIOLATIONS ARE SUBJECT TO SEVERE PENALTIES. ANY STORE FOUND IN
: NON-COMPLIANCE WILL BE SUBJECT TO DISCIPLINARY ACTION. POS WILL BE
: MONITORED DAILY TO ASSURE THAT ALL SALES OF THESE TWO SCANNERS HAVE
: CEASED. THERE ARE NO EXCEPTIONS, INCLUDING LAY-AWAYS.

: We have also stopped warehouse replenishment for two additional scanners:

: 20-148 PRO-2026 MOBILE SCANNER
: 20-308 PRO-51 HANDHELD SCANNER

: Current information indicates these two models can continue to be sold.
: Continue to sell your supply of these two models unless notified otherwise.

: If you have any questions, contact your District Sales Manager.

--
These Pro51 scanners are still available at Radio Shack in Canada as of
August 31st. Their cost is CDN$399 (US$285). I assume that RS sells the same
model both here and abroad. There is one in stock at the Pen Centre store
in St. Catharines.

==========
D. Wilson Email: dwilson@dewey.ed.brocku.ca
St. Catharines, Ontario
Canada.

1426. 900 Mhz Cordless Phone Ev

Newsgroup: rec.radio.scanner
Date: 1994-08-31 22:51:00 UTC
From: Louis.Gantz@f239.n109.z1.fidonet.org
Message-ID: <2c5_9408312130@blkcat.fidonet.org>
Source record: 269772

TO: dsrekcc@giskard.holonet.net

* Quoting Dsrekcc@giskard.holonet.n to All * msg date 08-30-94 04:30 *

D>
D>I am starting to research 900 MHz cordless phones, planning to
D>purchase before Christmas. Since this is turning into a pretty hot

Stuff deleted

D>
D> - You own a 900 MHz cordless phone. I am interested in information
D> such as: quality of sound (echo, compander clamping), range,

deleted

D>
D>These are the models that I am aware of:

D> AT&T 9100
D> BEL 900LX
D> Panasonic KX-T9220
D> Sony SPP-ER1
D> Tropez 900 DL
D> Uniden EXP9100
D> Undien EXP9200
D> Western Union WC9000
D>
D>If you have any experience or other information, please let me know.

Add the Cobra Intenna 900.

It uses spread-spectrum digital scrambling and has 100 channels. I have
this phone and am satisfied with it. My only "complaint" is the
earpiece's volume is a bit on the low side, which seems to be a common
problem with cordless phones.

Louis |INTERNET: bbsmeister@aol.com * VYUC18A@prodigy.com
Bowie, Md. USA |louis.gantz@f239.n109.z1.fidonet.org| RIME ->2
***
* CMPQwk 1.4 #9059 * REM of Borg: It's the end of assimilation as we kn
---
Fidonet: Louis Gantz 1:109/239
Internet: Louis.Gantz@f239.n109.z1.fidonet.org

1427. Re: Silent Play is back -- and cheaper than ever

Newsgroup: rec.radio.scanner
Date: 1994-08-31 23:05:51 UTC
From: frankjm@sd2.af.mil
Message-ID: <1994Aug31.230551.13684@afit.af.mil>
Source record: 269586

```
|> Silent Play consists of a low-power FM transmitter + a standard
|> FM receiver with headphones. It's a wonderful addition to listen
|> to your scanner through your audio system (home or auto). Many of
|> us here in rec.radio.scanner went out an bought what we thought was
|> the remaining stock for $20 each earlier this year.
|>

If you read the fine print it says something about 'may not be
available in all stores, so you may have to shop a few to find
one.

Mine has done a good job in my car,transmiting the scanner
audio to my car stereo.Makes it alot easier to here.

Jim
```

1428. Seattle Heli. Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-01 00:04:43 UTC
From: graphite@netcom.com
Message-ID: <graphiteCvFC7w.Gxx@netcom.com>
Source record: 269764

Help! Can someone please tell me what frequencies the news helicopters are on in the Seattle area (the freqs for reporting traffic, news etc. to the station)?

Thanks in advance,

Bill

--
graphite@netcom.com

1429. 162.550 mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-01 00:12:50 UTC
From: glr@ripco.com
Message-ID: <CvFCLE.6u@rci.ripco.com>
Source record: 269765
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I hear the national weather service on 162.550 mhz. I also hear them on
162.400 and 162.475 mhz. Isn't that cool!

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

1430. Help wanted: Regency 1040 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-01 00:32:51 UTC
From: rbn@apple.com
Message-ID: <3437fj$hg3@apple.com>
Source record: 269773
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I recently picked up a Regency 1040 scanner at a good price. The radio is in excellent condition pysically, and accepts frequencies into the VFO without incident. When I select a channel (one of ten) to hold the frequency, the radio responds as if the frequency has in fact been stored in that frequency.

If I switch to SCAN mode, the radio will not lock up on the stored frequency... it appears the frequency did not get written to channel RAM. Before opening up the radio, I'm hoping someone with a schematic (or working knowledge of this radio) can answer the following question: Is the RAM an integral part of the CPU in this radio, or is there a separate RAM chip (and if there is, where is it and what type of chip is it)? I'm assuming the RAM (for channel storage, not VFO or 'scratch') is not part of the CPU, since the CPU seems to be working just fine otherwise.

Help!

rbn@apple.com

1431. Re: 162.550 mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-01 00:57:06 UTC
From: rob110178@aol.com
Message-ID: <3438t2$fqf@search01.news.aol.com>
Source record: 269763

In article <CvFCLE.6u@rci.ripco.com>, glr@ripco.com (Glen Roberts) writes:

NOAA weather radio transmits on those stations in the US
you will hear them on the following frequencys:
162.400
162.425
162.450
162.475
162.500
162.525
162.550
Hope it can help ya

1432. GE CT700 Cellular Phone

Newsgroup: rec.radio.scanner
Date: 1994-09-01 01:41:38 UTC
From: cv26@bonjour.cc.columbia.edu
Message-ID: <343bgi$51f@apakabar.cc.columbia.edu>
Source record: 269771

I was at the Oakland Street Fest on Saturday I happened to visit a booth that sold cellular phones. They had a phone the size of a cigarette box called the CT700 from GE. Do any of you know anything about this phone? How does it compare to say the Motorola phones? The GE phone is in a metal case, which is nice!

Any info would be appreciated. I think it's one of the smallest cell phones around.

Thanks,
Gary

1433. RADIO SHACK QUESTION

Newsgroup: rec.radio.scanner
Date: 1994-09-01 01:56:29 UTC
From: prynda@esu.edu
Message-ID: <343ccd$mt8@jake.esu.edu>
Source record: 269767

I would like to know if radio shack makes any scanners that have
a frequency range with no gaps. I am looking for a continous coverage
scanner with no gaps. I like the AOR 1500. Are the radio shack scanners
any good?. Any suggestions?

thanks for any info
Sam Prynda
East Stroudsburg

1434. Hotline BBS

Newsgroup: rec.radio.scanner
Date: 1994-09-01 01:58:08 UTC
From: shawn4sk1@aol.com
Message-ID: <343cfg$h6b@search01.news.aol.com>
Source record: 269766

Is Hotline BBS still around? I heard they have scanner stuff in their database but the number is not theirs anymore...

Thanks in Advance!

Shawn4SK1@aol.com

1435. McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-01 02:01:11 UTC
From: shawn4sk1@aol.com
Message-ID: <343cl7$h8k@search01.news.aol.com>
Source record: 269768

Does anyone have any newer McDonald's freqs? I've tried the ones in the 30's band, the 150's band and the 400's band- no luck. In fact, I didn't pick up ANY fastfood freqs... I have a 2006 and an All-Band antenna now, I should get some of them...

Thanks In Advance!

Shawn4SK1@aol.com

1436. RadioMap - custom color map of transmitters in your area

Newsgroup: rec.radio.scanner
Date: 1994-09-01 02:05:24 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CvFHt0.17p@nntpa.cb.att.com>
Source record: 269770
Cross-posted to: rec.radio.scanner,alt.radio.scanner

x
RadioMap - A New Way to Find, Identify, and
Visualize Licensed Transmitter Sites

by Bob Parnass, AJ9S

As a radio hobbyist, I've spent a lot of time trying to identify the radio antennas and antenna towers I see in my travels around the Midwest. The FCC microfiche is helpful but the information on file with the FCC is often misleading. Transmitter sites are frequently incorrect or vague.

To help identify antenna towers, I invented a computer based process which makes a color map showing the FCC licensed transmitter sites within a given area. I call this a "RadioMap."

If you attended the August Chicago Area Radio Monitoring Association meeting, you saw a RadioMap.

There are no streets, rivers, or ham radio stations shown on a RadioMap, as they would clutter the map. Instead, there are range markings every mile and North/South and East/West axes. The latitude and longitude of the map center is clearly marked. Fixed stations shown include business, public safety, cellular phone cell sites, state and local governments, industrial, etc. -- from VLF through microwave frequencies. Fixed station locations are marked, and callsign, frequency, and licensee name are listed.

The maps look professional and can be laminated or framed. (A RadioMap of my community hangs in an oak frame.)

After drawing my first RadioMap, I was able to identify a neighborhood microwave tower which had been a mystery since I moved to Kendall County in 1985. I had been searching the fiche for Oswego transmitter sites, but the mystery transmitter location filed with the FCC was listed as Aurora. The actual site is in Oswego Township in unincorporated Kendall County! I found other examples of this as I refined the RadioMap production process.

Given a center location and a range (in miles), I will create a custom RadioMap for you. At this time, I can make maps only for locations in:

Illinois, Indiana, Michigan, New York, and Wisconsin

You can find the licensed transmitter sites in your neighborhood, near your office, or anywhere else within the 5 states.

For the last 10 years, I have shared my frequency information with others for free. More recently, I have given away free RadioMaps, but it takes between 30 minutes to 1 hour to produce a single RadioMap. I can only provide them now if I can cover my material costs and time by charging $17 per RadioMap.

Send me:

1. Self addressed stamped envelope (at least 4-1/8 x 9-1/2")
2. $17 (personal checks subject to 2 week delay until check clears)
3. Your latitude and longitude, down to the nearest one second, e.g., 41 41 15 North latitude, 88 18 33 West longitude. I will center the RadioMap at this point. If you don't know the latitude and longitude, specify the city, and nearest street intersection, e.g., intersection of Ogden Avenue and Mill Street in Naperville.
4. Desired range of the RadioMap, in miles, from the center point. I will have to readjust the range downwards if your RadioMap is too crowded. A range of 2 miles or less works best in areas with a lot of transmitters (within Chicago). In rural areas, RadioMaps with a 5 mile range are often possible.
5. Your evening telephone number so I can call you if I cannot read your writing or have other questions.

Using fresh FCC data less than one year old, I will produce and send you (using your SASE) a custom, color 8-1/2 by 11" RadioMap and a list of licensees including callsigns.

Bob Parnass, AJ9S (RCMA IL-267)
2350 Douglas Road, Oswego, Illinois 60543

evening telephone (708)554-3839.
No calls after 10 PM Central Time, please.

IMPORTANT NOTE: Please do NOT send me email about this or phone my office during the day as this is an off-hours hobby project. Thanks!

PS - I cannot provide the RadioMap software.

--
==========
Copyright 1994, Bob Parnass, AJ9S

AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1437. Re: *** T R I G G E R F I S H ***

Newsgroup: rec.radio.scanner
Date: 1994-09-01 02:17:19 UTC
From: crisp@netcom.com
Message-ID: <crispCvFICw.q7@netcom.com>
Source record: 269769
Cross-posted to: alt.2600,rec.radio.scanner,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk,dc.media

In article <XPqOkiubGEa5066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:
>> wiretapping devices... YET... they print and distribute SLICK GLOSSY
>> ADVERTISEMENTS themselves.
>>

This thread makes me wonder where the distinction lies between an advertisement and a brochure. How about this for starters:

If one advertises, one enlists someone to carry and deliver the message.

I may have millions of brochures printed and not be advertising by this definition. If I pass them out at a trade show maybe I am on the grey line? Maybe not.

>
>All,
>
>You forget, Corporate America has an 'above the law' attitude. They consider
>themselves far removed from legislation that governs the citizens of the US.
>They have the lobbyists and lawyers to tie the courts up for years.
>
>Andy
>

I guess if they advertise the device in a Law Enforcement Journal, then they feel like it is OK as the potential buyers are potentially legally entitled to buy and use such equipment. I suspect the law probably does not make such a distinction, but it may be that this is the logic being used.

The outrageous aspect of this is that if it is advertised in a law enforcement journal that here is a company wantonly breaking the law in the presence of thousands of people charged with enforcing the law. Of course we know how many of this class actually *break* the law and do so wantonly and frequently. (ever seen a cop put on his light bar to make an illegal turn and follow him directly into the nearest Dunkin Donuts?)
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1438. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-09-01 02:21:14 UTC
From: crisp@netcom.com
Message-ID: <crispCvFIJF.114@netcom.com>
Source record: 269609
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

In article <RAOUL.94Aug30192652@bolognese.mit.edu> raoul@athena.mit.edu (Nico Garcia) writes:
>In article <33vge3$ali@anshar.shadow.net> aengler@anshar.shadow.net (A. Engler Anderson) writes:
>
> I think a nice letter, sent certified mail, to the police department
> would bring matters to a close, particlarly if you could cite the
> department's Standard Operating Procedures (probably a public record in
> your jurisdiction). The idea would be to show that the guidelines for
> running tags don't authorize or contemplate the officer's behavior.
>
>Might work. On the other hand, the advantage of sending it to the
>local newspaper is that they cannot ignore it, and the public is

Now why do you think that they cannot ignore it? Newspapers have
no sworn obligation to do anything. They are accountable to no one
for their content. They can and do decide on a daily basis what does
and does not get printed. They can set Liberal, Conservative, or
balanced "agendas" and always make political endorsements on election
day.
--
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-Will Rogers

1439. Re: My Chat with the White House

Newsgroup: rec.radio.scanner
Date: 1994-09-01 02:26:59 UTC
From: crisp@netcom.com
Message-ID: <crispCvFIsz.1HE@netcom.com>
Source record: 269610
Cross-posted to: rec.radio.scanner,alt.2600,alt.privacy,chi.media,alt.radio.scanner,comp.org.eff.talk

In article <CvDpDJ.3Lp@rci.ripco.com> glr@ripco.com (Glen Roberts) writes:
>It was a press release to the local newspapers (one of which printed a
>four-part article about the police department), that prompted the
>inappropriate police action (re: running tags and an overbundant prescence
>in the neighborhood). It was a friendly chat with the mayor
>that stopped the that behavior.
>
>The original incident, a policy of the department not to Mirandize
>minors that are "arrested" (well.. the police reports state that they
>are arrested and charged with crimes... but the Police Chief insists
>they are neither arrested nor charged with any crimes)... was addressed
>by the Press... to no apparent avail. The reporter spoke with the ACLU,
>but they weren't interested, in that there was no accusation that
>any kids were physically beaten by the police.

Hey Glen, How about looking into Whitewater next? Maybe you will turn up
something (there must be an abundance of incriminating information out
there judging by how much the Clintoons are denying)? But be careful:
if you get too close you will come down with that nasty "Arkansas Disease"
(=suicide=good old russian "lead poisoning") Foster, the guy that testified
against Jocelyn Elders son, the wife of Trooper Ferguson, etc.

--
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-Will Rogers

1440. Re: Cordless Phones Seized by Serb Police

Newsgroup: rec.radio.scanner
Date: 1994-09-01 02:30:45 UTC
From: crisp@netcom.com
Message-ID: <crispCvFIzA.1tE@netcom.com>
Source record: 269583

In article <60.7417.5773.0N1AC049@canrem.com> nigel.allen@canrem.com (Nigel Allen) writes:
>
>Serb Police in Mass Telephone Seizures
>
>The presence of cordless telephones in numerous private Albanian
>homes has been of great concern to Serbian police authorities with the
>revelation that in some cases, police wave bands can be overheard.
>
>Consequently Serbian police have embarked upon a mass search of
>Albanian homes throughout communes of Kosova in order to seize
>telephones which police believe are being used to eavesdrop on police
>communication frequencies. In many cases, families found in
>possession of such phones have been subjected to physical
>maltreatment.

Sounds like an excellent idea to add such an amendment to Clowntoon's
so called Crime Bill. Just think how much more effective the
100K new cops will be using radios that no one can overhear!
--
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-Will Rogers

1441. Test mode for Pro 43?

Newsgroup: rec.radio.scanner
Date: 1994-09-01 02:32:02 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.778386722@vela.acs.oakland.edu>
Source record: 269577
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does anyone know how to get the Pro 43 into test mode?I was told this was possible by pressing a few keys before turning it on.The pin head at radio shack woulden't tell me how but said I could find it in M.T.the current issue doesn't say anything.

What does the test mode do??

Please e-mail me or post.
Thanks in advance,NCS.

1442. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-09-01 02:37:58 UTC
From: crisp@netcom.com
Message-ID: <crispCvFJBB.2J2@netcom.com>
Source record: 269580

In article <33opgh$c8j@giga.bga.com> ares@bga.com (Steve Gibson) writes:
>Richard Crisp (crisp@netcom.com) wrote:
>
>: Please explain to me how scanners make your job more dangerous.
>
>I didn't argue that they made my job more dangerous. The potential is
>there, but I don't feel that it is a big deal at all. I tried to make it
>clear that I am PRO SCANNER. It's up to the individual users of scanners
>to use the information responsibly, and 99.999% of them do. I believe
>anything on the airwaves is fair game.
>
>I just wanted to encourage scanner listeners not to go to the scene of
>calls, because all that will do is complicate the situation and give
>more cops bad opinions of scanner users. If you want to go to the scene
>and get in on the action that badly, then join the police dept! That's
>what I did...
>

Good common sense advice and a reasonable plea for discretion from Mr
Gibson. I would just like to add that our misbehavior is the fodder
for banning aour activities. Think about it next time you want share some
juicy thing you aren't supposed to.

--
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For PGP Public Key, type finger crisp@netcom.com
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-Will Rogers

1443. Re: Looking for a DDI box...

Newsgroup: rec.radio.scanner
Date: 1994-09-01 02:40:24 UTC
From: crisp@netcom.com
Message-ID: <crispCvFJFD.2s4@netcom.com>
Source record: 269774

In article <1994Aug28.093809.1@cad3.uccb.ns.ca> rling@cad3.uccb.ns.ca writes:
>Hello:
>Where can a person get a DDI box with no hassle?
>thanks in advance
>Ron

I am sure if you offered a thousand or fifteen hundred dollars to buy one
you would get a few offered :-)

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
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-Will Rogers

1444. Re: No more ALT.RADIO.SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-09-01 02:45:17 UTC
From: crisp@netcom.com
Message-ID: <crispCvFJnH.35u@netcom.com>
Source record: 269581

In article <33rggu$8nj@search01.news.aol.com> shawn4sk1@aol.com (Shawn4sk1) writes:
>
>What do you say? Are you with me? Well, I'm with me...it'll sure cut down
>on AOL time and save my $$$. Good Luck! :-)
>

If you have a local dialup node into Netcom, you get unlimited connect
time each month. Much better deal than AOL.

alt.radio.scanner does often have a different flavor than the rec.radio.scanner.
More in keeping with the alt.xxx philosophy of being a maverick.

--
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1445. Re: Need the # of a reputable yupi dealer.

Newsgroup: rec.radio.scanner
Date: 1994-09-01 02:58:06 UTC
From: crisp@netcom.com
Message-ID: <crispCvFK8v.46y@netcom.com>
Source record: 269582

In article <340j11$ua1@tequesta.gate.net> habu@gate.net (Michael Fink) writes:
>I want to buy a Yupi but am having problems finding a importer
>Javiation wants about $600 and a shop in Canada wants $750. The
>place in Canada will guarantee the order but $750 is a bit stiff.
>Javiation is impossible to get a hold of thru e-mail and won't
>guarantee the order. Anyone know any other dealers with better
>prices?
>

Maybe now the person that was offering Yupi's for $700 which were
already in the US was actually doing the scanning community a service?

--
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1446. Re: 162.550 mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-01 04:03:01 UTC
From: andycl168@aol.com
Message-ID: <343jpl$jlt@search01.news.aol.com>
Source record: 269585

In article <CvFCLE.6u@rci.ripco.com>, glr@ripco.com (Glen Roberts) writes:

>I hear the national weather service on 162.550 mhz. I also hear them on
>162.400 and 162.475 mhz. Isn't that cool!

Uh, maybe I'm missing something, or maybe this is just another one of your
pleas for attention, but I thought that was common knowledge. Common as
in printed in the introdction to Police Call and in every manual to every
scanner.

Andy Clark
clarkan@yang.earlham.edu

1447. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-09-01 04:17:21 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Aug31.201721.4489@cmkrnl>
Source record: 269347

In article <778277238@f747.n115.z1>,
Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:
> The only sure way of knowing is to look at the serial number and make
> sure there is not a letter 'A' before the serial number. The date code
> "3A4" and below are modifiable units.

Oh, fine. I bought one based on the date code -- it says 3A4. However the
serial number has an "A" prefix. I haven't tried the mod yet.

by the way, that "Monitoring Times" article you quoted missed the 54-88
restore mod.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

1448. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-09-01 04:40:37 UTC
From: davidt@netcom.com
Message-ID: <davidtCvFozq.3C0@netcom.com>
Source record: 269576

Bill McCall (70003.4300@CompuServe.COM) wrote:
: "Thanks to this report, I think we can finally state "THE TRUTH":

: Modifiable units: FCC-ID AA020-300, serial number does not begin
: with A. Nonmodifiable units: FCC-ID AA020-300A, serial number
: begins with A.

: Anything that doesn't follow this rule should be reported to the
: group immediately.

: This seems closer to "the truth" than the post that started this
: thread. I would add, I haven't found an exception to the 3A4 and
: earlier date code is modifiable and 4A4 and later is not.

Well, I stopped at a local RS and was looking at their demo PRO-43.
It had FCC-ID AA020-300A, ser # A002790, and date code 3A4. Is this
your exception? :-)

-- Dave

1449. Re: 162.550 mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-01 04:49:49 UTC
From: szhoag@dale.ucdavis.edu
Message-ID: <CvFpF2.4KE@ucdavis.edu>
Source record: 269575
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Glen Roberts (glr@ripco.com) wrote:
: I hear the national weather service on 162.550 mhz. I also hear them on
: 162.400 and 162.475 mhz. Isn't that cool!

oh joy.

Phillip Hoag -- "NO FEAR"?! I'm scared s--tless, but I get paid for it!
(a tiny bit, anyway)
|| Volunteer Firefighter, Woodland, CA EMT-1A; Yolo Co. Heavy Rescue ||
|| -> All opinions, stupid comments, whatever, are mine and mine alone <- ||

1450. Re: NYC Aviation Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-01 05:29:29 UTC
From: ligosa@pipeline.com
Message-ID: <343orp$bk0@pipe1.pipeline.com>
Source record: 269578

starin@netcom.com (Jeffrey Starin) wrote:

>
>Would anyone know of the frequencies for the NY Police
>Dept. Aviation Helicopter?
>
>Thanks.
>
>Jeffrey
>{New York}
>
>--
>Jeffrey
>{New York}

MAINLY ON THE SOD CITIWIDE FREQ, 470.8375
ALSO ON 123.300, 123.100 AND LGA 126.050

ENJOY CHRIS.....

1451. ICOM R1 dealers in Philadelphia?

Newsgroup: rec.radio.scanner
Date: 1994-09-01 05:40:48 UTC
From: jatu@vipunen.hut.fi
Message-ID: <343ph0$3ko@nntp.hut.fi>
Source record: 269579

A friend of mine is going to travel to Philadelphia
for four months. He would like to buy ICOM R1 scanner
there.

I am asking suggestions and addresses of ICOM
dealers. A secondhand would be cheaper, but I quess
it's also more difficult to find..

What is the reasonable price for a new one and for a
secondhand?

Thanks in advance.

Jari

Jari.Tuliluoto@hut.fi

--
* Jari.Tuliluoto@hut.fi * *
* jatu@vipunen.hut.fi * EL[K\\N TOHTORI SYKER\ !!! *
* Puh: 90-8025971 * *

1452. FCC License Data Sources

Newsgroup: rec.radio.scanner
Date: 1994-09-01 07:00:22 UTC
From: bill@thd.tv.tek.com
Message-ID: <343u66$mjk@news.tv.tek.com>
Source record: 269623
Cross-posted to: rec.radio.scanner,rec.radio.info

[last changed 05-Jul-94]

Changes preceeded by "|". Please e-mail corrections and additions to me.

INTRODUCTION

This is a list of FCC license data sources available to scanner listeners. The FCC master contains a wealth of data about every non-government license in the United States. Most of the sources below contain a subset of this data, although a few contain all of it. Government licenses are not administered by the FCC, and the data is not available to the public.

If you are interested in purchasing the data, you might want to consider forming a co-op of people in your area to share the cost. As far as I know, this is legal since the information is in the public domain. However, most software supplied to view or manipulate the data is copyrighted and must be purchased separately by each user.

Prices are rounded to the nearest dollar and include shipping, if known.

C.E.T.

CET sells records of all stations inside a 30-mile radius for $80. (Major cities cost extra.) A 70-mile search costs $178. The data is provided on floppy disks and is available in ASCII columnar and comma-delimited formats.

CET does not provide data for licenses that do not contain specific geographic coordinates (i.e., mobile-only systems) or specific operating frequencies (e.g., amateur radio).

To do the search, CET requires the latitude and longitude of the center of the 30-mile radius. I calculated mine from a USGS topographic map I obtained at a local nautical supply store. Alternatively, you can obtain the coordinates for your town from the University of Michigan's geographic name server. Run "telnet 141.212.99.9 3000" and enter your zip code. For my area, the server returned the coordinates of the main post office.

CET can be reached at 800-445-0297.

GROVE

Grove sells FCC data on disk by state. The first state is $40, and each additional state is $30 (add $10 for CA, FL, TX). The disk comes with a database search program. Grove Enterprises can be reached at 800-438-8155.

MICROFICHE

The Bearcat Radio Club sells the FCC master by state for $15. Bearcat Radio Club can be reached at P.O. Box 291918, Kettering OH, 45429.

PERCON

PerCon sells a variety of FCC data on CD-ROM and floppy. CD-ROMs are available by region or category, and floppies are available by state. Also available is a CD-ROM of the entire US (2.5 million records). Data is updated approximately every six months.

State floppies are $60 per state (add $5 for CA, FL, NY, TX, PA, OH, IL). Regional and full US CD-ROMs are $105 each. CD ROMs by category are $155 each. Quantity discounts available. PerCon can be reached at 716-386-6015.

POLICE CALL

This is probably the most cost-effective source of public service license information. The detail is limited, but the information that is there is often more useful than the FCC master. For example, an entry in Police Call that reads, "Portland Police, Net 3, North Precinct," reads, "Portland, City of" in the master.

Police call is available in 9 volumes covering different regions of the US. It can be purchased at Radio Shack stores for $10 per volume.

SCANWARE ASSOCIATES

ScanWare Associates sells a PC-based database program called the FCC Frequency Retrieval System V2.0. It comes with FCC data for one state, covering all services from 10 kHz through 2036 MHz. Data is updated approximately every six months (last update was Dec. 1, 1993).

Cost is $35 for the first state and $20 for each additional state. (Add $5 for CA, FL, TX, NY.) Quantity discounts available. Fully working shareware copy downloadable from their BBS at 206-871-4228 (FCC200.ZIP). ScanWare Associates can be reached at 206-698-1383 (voice) or 206-698-8207 (fax).

APPENDIX

Here is table of data fields in the FCC master. Fields provided by various products are indicated by "#" or the field length, if known.

PERCON PERCON PERCON POLICE SCAN
DESCRIPTION SIZE CET GROVE FLOPPY US CD OTHER CD CALL WARE
Frequency (or Lower Limit) 16 11 12 16 16 16 # 11
Upper Frequency Limit 16 16 16 11
Callsign 10 8 10 10 10 10 # 10
Service Code 2 2 2 2 2 2 # 2
Licensee DBA Name 40 32 30 40 40 40 # 40
Licensee State 2 2 2 2
Licensee Zip 9 5 9 9

```
Licensee Address 35 30 35
Licensee City 20 15 20 20
Licensee Name 200 100
Applicant Phone 10 10
Transmitter Latitude 6 6 6 6 6 6 6
Transmitter Longitude 7 7 7 7 7 7 7
Transmitter Elevation 5 5 5 5 5
Transmitter Height 5 5 5 5 5 5
Transmitter HAAT 5 5 5 5
Transmitter Effective Height 5 5 5
TX Antenna Structure Height 5 5 5
Transmitter Address 80 80 80
Transmitter City 20 10 12 20 20 20 # 20
Transmitter County 30 10 20 30 30 30 30
Transmitter State 2 2 2 2 2 2 # 2
Class of Station 4 4 4 4 4 # 4
Type of Message Service 1 1
Area of Operation 1 1
Radius of Operation 4 4 4
Antenna Type 10 10 10
Antenna Elevation Angle 6 6
Antenna Azimuth 6 6
Antenna Polarization 3 3 3
Antenna Gain 4 4
Antenna Path Length 6 6
Antenna Beam Width 8 8
ERP Out 8 4 8 8 8
ERP Units 2 1 2
ERP Indicator 1 1
Power Out 8 4 8 8 8
Power Out Units 2 1 2
Power Out Indicator 1 1
Emissions 15 15 15 15
License Issue Date 6 6
License Expiration Date 6 4 6
Operation Begin Time 4 4
Operation End Time 4 4
Number of Vehicle Mobiles 4 4 4 4 # 4
Number of Portable Mobiles 4 4 4 4 # 4
Number of Aircraft Mobiles 4 4 4 4 # 4
Number of Marine Mobiles 4 4 4 4 # 4
Number of Pager Mobiles 5 4 5 5 5
Authorization Type 1 1*
CP Authorization Number 2 2*
Area of Operation Descript. 100 100*
Paint & Lighting Specs 33 33*
Special Conditions 100 100*
TX Latitude Direction 1 1*
TX Longitude Direction 1 1*
Type of Last Contact 1 1*
```

Date of Last Contact 6 6*
Number of Units 4 4*

* = Regional CD Only, CP = Construction Permit,
ERP = Effective Radiated Power, HAAT = Height Above Average Terrain

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

1453. Re: Ithaca NY RS store number, re pro 2006 for $199

Newsgroup: rec.radio.scanner
Date: 1994-09-01 07:09:01 UTC
From: scan911@aol.com
Message-ID: <343umd$mh9@search01.news.aol.com>
Source record: 269584

In article <physbs.174.000C7E92@muccmail.missouri.edu>,
physbs@muccmail.missouri.edu (Bernhard Stepke) writes:

>Can anyone tell me the store number of the RS that sold these for that
price.
>I went down to my local RS and argued for a better price. They said that
they
>couldn't budge and honour a better price if they couldn't confirm another

>stores price. A store number would be a start.

It probably was a franchise store owner worried about being left with a
bunch of "illegal" scanners who blew them out for $199. You see these
guys at hamfests all the time, even here in Iowa. You'd do best checking
with franchise stores (those not owned by Tandy), because they can set
their own prices independent of Tandy's price lists.

Chuck
scan911@aol.com
Burlington, Iowa

1454. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-09-01 07:58:44 UTC
From: flarsen@garnet.berkeley.edu
Message-ID: <flarsen-310894235844@home.hip.berkeley.edu>
Source record: 269587

In article <davidtCvFozq.3C0@netcom.com>, davidt@netcom.com (David Taylor) wrote:

>
> Well, I stopped at a local RS and was looking at their demo PRO-43.
> It had FCC-ID AA020-300A, ser # A002790, and date code 3A4. Is this
> your exception? :-)
>
> -- Dave

No. I think this thread has established that there was a PRO-43 production change, which resulted in a change of the FCC-ID code, as well as a new sequence of serial numbers, starting with the letter *A*.

I don't know that we have established the exact date that the change took place. It has been suggested, but not verified, that units with date codes of 3A4 (March, 1994), are modifiable.

It has also been reported, but not verified, that units with the *A* suffix in the FCC-ID code, and the *A* prefix in the serial number, and also, _possibly_, date codes of 4A4 (April, 1994) or later, are _NOT_ modifiable.

Your report seems to indicate that the production change took place earlier than 4A4, perhaps 3A4 (or even earlier?).

David, I think it is your duty to go back to your local Radio Shack store, buy the unit, try the mod, and report back to the group whether you were successful or not.

Keep us posted!

-- Flemming Larsen flarsen@uclink.berkeley.edu

1455. Re: SECRET Memo to FBI Director

Newsgroup: rec.radio.scanner
Date: 1994-09-01 08:02:10 UTC
From: jldavis@nyx10.cs.du.edu
Message-ID: <3441q2$hr7@nyx10.cs.du.edu>
Source record: 269588
Cross-posted to: alt.2600,alt.2600hz,rec.radio.scanner,alt.privacy,alt.radio.scanner,comp.org.eff.talk

In article <CvF5zn.Jzr@rci.ripco.com>, Glen Roberts <glr@ripco.com> wrote:
[Clarification Deleted]

Oh...Well that explains everything, almost. Did you get your FOIA answered
in time to do you any good? What was the turn around time from request to
response?
--
PGP PUBLIC KEY via finger! JAFEFFM Speaking & Thinking For Myself!

* eagle@deeptht.armory.com * email <info@eff.org> *
*** O U T L A W S On The E L E C T R O N I C F R O N T I E R ****
***** Committed to Free Public Internet Access for World Peace *****
"When cryptography is outlawed, bayl bhgynjf jvyy unir cevinpl!" JPB

1456. PRO-2004 w/HB-232 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-09-01 08:42:51 UTC
From: KeithR@PrimeNet.COM
Message-ID: <CvG07F.76@primenet.com>
Source record: 269589

==========

FOR SALE: RADIO SHACK PRO-2004 SCANNER w/HB-232 CPU INTERFACE

Features: 400-Channel, Cellular Restore and Speed Up Mods.
25-1300 MHZ, Wide Band FM, AM, Narrow FM, Sound Squelch

Includes: Commtronics HB-232 Computer Interface installed with
MS-DOS software. Small phone jack connection on rear
panel for serial interface. Adapter cable to convert
to IBM 25-pin connector provided.

Includes: Service Manual, Whip Antenna.

Modified: Removed power transformer per recommendations
for less heat buildup. External wall adapter
included. Old xformer provided if needed.

Price: $350 COD, Includes UPS Blue Shipping

If interest in any of these radios, please E-Mail me your address or
call (602) 835-2243, my work number, between 8:30 AM and 3:00 PM
Monday - Friday and ask for Keith and say it is about the scanners.
My secretary won't let you through otherwise.

Keith Rowland in Mesa, Arizona
Southwest Software
InterNET: KeithR@PrimeNet.COM
Packet: KG7EL@KC7Y.AZ.USA.NA

1457. PRO-2021 Scanner FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-09-01 08:44:22 UTC
From: KeithR@PrimeNet.COM
Message-ID: <CvG09y.8C@primenet.com>
Source record: 269590

```
============================================================

FOR SALE: RADIO SHACK PRO-2021 SCANNER

Features: 200 Channels, 10 banks of 20. 110 Volt or 12 VDC
operation. Includes high performance whip antenna.
30-512 MHZ in standard band arrangement.

Price: $125 COD, Includes UPS Blue Shipping

============================================================

If interest in any of these radios, please E-Mail me your address or
call (602) 835-2243, my work number, between 8:30 AM and 3:00 PM
Monday - Friday and ask for Keith and say it is about the scanners.
My secretary won't let you through otherwise.

Keith Rowland in Mesa, Arizona
Southwest Software
InterNET: KeithR@PrimeNet.COM
Packet: KG7EL@KC7Y.AZ.USA.NA
```

1458. PRO-46 Hand Held Scanner FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-09-01 08:45:35 UTC
From: KeithR@PrimeNet.COM
Message-ID: <CvG0C0.CF@primenet.com>
Source record: 269591

```
================================================================
FOR SALE: RADIO SHACK PRO-46 HAND HELD SCANNER

Features: 100 Channels, 10 banks of 10, 4 AA Batteries, Nicads
or Alkalines, Cellular Restore Information Available.
29-956 MHZ in standard band arrangement.

Includes: Rubber Duck Antenna, AC Adapter, Service Manual.

Price: $150 COD, Includes UPS Blue Shipping

================================================================

If interest in any of these radios, please E-Mail me your address or
call (602) 835-2243, my work number, between 8:30 AM and 3:00 PM
Monday - Friday and ask for Keith and say it is about the scanners.
My secretary won't let you through otherwise.

Keith Rowland in Mesa, Arizona
Southwest Software
InterNET: KeithR@PrimeNet.COM
Packet: KG7EL@KC7Y.AZ.USA.NA
```

1459. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-09-01 11:12:37 UTC
From: steven@sgb.oau.org
Message-ID: <CvG752.6GC@sgb.oau.org>
Source record: 269595

David Waters (drw@esl.com) wrote:
: In article <Cv86Ku.9sz@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley)
: wrote:

: >> Much discussion about RS catalogs, taxes, refunds, etc deleted <<

: >
: > To hell with the taxes... I get out of them any chance I get!
: >
: > Is there a newsgroup for getting around taxes? I despise the
: > taxes as much as the (attempted) scanner bans.
: >
: > The only good politician is an IMPEACHED politician!
: >
: > Steven

: So, are you going to get a catalog anyway?

You're late - I already received two of them with credit against
a prior purchase made within 30 days of the catalogs being put on
display -- long story, but did not pay a cent more!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

1460. ICOM IC-2SRA MODS?

Newsgroup: rec.radio.scanner
Date: 1994-09-01 12:43:27 UTC
From: ej944@cleveland.Freenet.Edu
Message-ID: <344i9f$hfj@usenet.INS.CWRU.Edu>
Source record: 269593

Am needing info on ICOM IC-2SRA mods. This is strange ham/scanning
ht covers 25-950 mHz on on side, but only ham 2m and pubservic
vhf-hiband on other, and seems to be programmed internally for
operating range using a diode matrix, but schematic shows none of
the connections between the matrix and the processor or pll.
hmmmmmm.
Tanks, folks

Mark E. Schmidt, KB8GC
ac231@leo.nmc.edu

...._._

1461. PRO-51 info wanted - reveiws - anything

Newsgroup: rec.radio.scanner
Date: 1994-09-01 13:05:45 UTC
From: mpalmer@encore.com
Message-ID: <CvGCDn.IAw@encore.com>
Source record: 269600

I've searched in vain for an archive of this group, actually I havn't even found the FAQ.

So, if any kind souls have any tit-bits of info on the PRO-51, or better still a review I'd much appreciate you emailing it to me.

Regards, Encore Computer Corporation
Mike Palmer 6901 W Sunrise Boulevard
Parasight Project Leader Fort Lauderdale, Fl 33313
email: mpalmer@encore.com Telephone: (305) 797-2326

1462. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-09-01 13:08:13 UTC
From: horak@convex.com
Message-ID: <344jnt$om0@eugene.convex.com>
Source record: 269597

In <davidtCvFozq.3C0@netcom.com> davidt@netcom.com (David Taylor) writes:

>Well, I stopped at a local RS and was looking at their demo PRO-43.
>It had FCC-ID AA020-300A, ser # A002790, and date code 3A4. Is this
>your exception? :-)

The ECPA stated that April was the cutoff date and it seems that
everyone is assuming that the non-mod units *must* begin with 4A4 date
code. But who is to say *when* the manufacture actually ceased making
the modifiable units? It could have been earlier than April. Does
anyone really know for sure? Let's see some concrete evidence here.

David

1463. Re: NFL Freqs Please

Newsgroup: rec.radio.scanner
Date: 1994-09-01 13:22:25 UTC
From: mrichard@clark.net
Message-ID: <344kih$o0u@clarknet.clark.net>
Source record: 269598

JoshGl (joshgl@aol.com) wrote:
: I'm going to the Monday night game w/ 49'ers and Raiders and was wondering
: if anybody out there had the freqs that they now use between coach and QB.
: Any ideas even where to look would be greatly appreciated. Thanks

I believe those signals are scrambled so it wouldn't do you much good
anyway. (I'm sure the other teams have already thought of it!)

Martin Richardson mrichard@clark.net
Annapolis MD, USA BBS: 410-626-7854
==========

"This could look bad for OCP Johnston,
scramble the best spin team we have."

1464. Re: *** T R I G G E R F I S H ***

Newsgroup: rec.radio.scanner
Date: 1994-09-01 13:29:13 UTC
From: jkronz@pts.mot.com
Message-ID: <CvGDGp.LF4@pts.mot.com>
Source record: 269534
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Gerald Belton (gbelton@cris.com) wrote:
: In article <33u43n$kh8@pdx1.world.net>, Warren Leach wrote:
: > I just asked (nicely I might add). There is no mention in my post of
: > the relevancy of your article. Sounds like you were preloaded about
: > someone suggesting that it isn't relevant. It's just that I'm growing
: > weary of your tirades. First a transcript of your phone call to the
: > White House, now an advertising parody, poorly thought out at that.
: > Just so much noise, Glen.

: IMHO, Glen's stuff is some of the more interesting traffic in this group.
: How many times can you stand to read the same "Does anyone know how to mod a
: Radio Shack Scanner" message? How many times can you stand to read "Radio
: Shack Employees are Losers?" Why do I care what frequency the mall cops in
: San Francisco use, since I will probably never be in San Francisco? Is it
: noise when someone requests frequencies that are published in Police Call?

Is it just me or is this rec.radio.scanner, NOT rec.i.love.myself.and.im.cool

This newsgroup IS about mods, places to purchase scanners, and freq lists.
and NO it is not noise if the freq is in Police Call, I don't have one
and I don't think we should have people buying them, they usually suck.

But that's not my point. This newsgroup is about the aboved mentioned
if you want other stuff maybe we should make another group called
alt.scanner.digest and you can make up all the stuff you want and post
it there.

-jason

These Are MY opinions and do not reflect those of Motorola Inc.

Jason Kronz |
jkronz@pts.mot.com | (This space intentionally left blank)
N9OFN |
Cyber-Pilot (VFR only) |

1465. WANTED: Info on Copper Electronics

Newsgroup: rec.radio.scanner
Date: 1994-09-01 14:40:25 UTC
From: dgordon@sadira.gb.nrao.edu
Message-ID: <CvGGrE.A7D@news.cv.nrao.edu>
Source record: 269615

I would like to have the address, phone number, etc.,
for Copper Electronics. Post here please, do not email
to me. Thanks.

David

1466. Looking for lists of frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-01 14:50:43 UTC
From: dthk@mantic.att.com
Message-ID: <CvGH8J.9uC@nntpa.cb.att.com>
Source record: 269607

Could someone give me a pointer to an FTP site containing lists of aircraft and emergency frequencies. I am interested in aircraft and local emergency frequencies for the northern NJ area. Please reply by e-mail as I do not read this group. Thanks in advance.

Don Hawkins
dthk@attmail.com or dthk@mantic.ho.att.com

1467. Re: 900 MHz cordless phone evaluations

Newsgroup: rec.radio.scanner
Date: 1994-09-01 15:02:35 UTC
From: dknodel@uh.edu
Message-ID: <dknodel-010994150235@mac-2961.smith-street.uh.edu>
Source record: 269612

I own the ATT 9100,actually the speakerphone version of it. Voice quality is excellent-no one can tell which phone I'm using. It is wider than a normal handset (and my hands are small) but I got used to it quickly. I haven't tested the range, but it should do at least 500 feet; it has a neat feature in that the phones poll each other even when in standby, and will beep to let you know you've gone out of range. My only complaint (and it's not something that comes up often) is that there are only ten memories (plenty for me) and a twelve (I think) digit limit per memory; If you want to automate dialing into phone mail, dialing your box code and password, you'll likely have to use two memories.

In article <CvBz7L.MxC@iat.holonet.net>, dsrekcc@giskard.holonet.net (Chris Campbell) wrote:

>
> I am starting to research 900 MHz cordless phones, planning to purchase
> before Christmas. Since this is turning into a pretty hot market
> segment, I figure there's a bunch of folks out there who would be
> interested in the information I gather.
>
> I am writing a fact sheet for 900 MHz cordless phones. Please send me
> the appropriate information if:
>
> - Somebody has already done this kind of compiling and I can get to it
> on the Net (i.e. I don't need to repeat someone else's work)
>
> - There is another newsgroup besides the following that I should be
> monitoring for information:
> alt.2600
> alt.cellular-phone-tech
> rec.radio.scanner
>
> - You own a 900 MHz cordless phone. I am interested in information
> such as: quality of sound (echo, compander clamping), range,
> scannability (audio leakage on other bands), battery life, digital
> 'encryption', even the weight. I am interested in the digital
> scheme only as it relates to security against scanner reception.
> Note 1: If you've posted to rec.radio.scanner in the past month or so,
> I already have your information.
> Note 2: The Tropez model is fairly common, and I've already got info
> on it (largely negative), so I'm less interested in that one.
>
>
> These are the models that I am aware of:
>

> AT&T 9100
> BEL 900LX
> Panasonic KX-T9220
> Sony SPP-ER1
> Tropez 900 DL
> Uniden EXP9100
> Undien EXP9200
> Western Union WC9000
>
> If you have any experience or other information, please let me know.
> I will be compiling the information and reposting, so you can mail
> directly to me at the address below, or post it to rec.radio.scanner,
> if you feel that your post is of immediate importance to the public.
> My alt.newsgroup access is haphazard these days, so I may not receive a
> post on alt.newsgroups.
>
> My e-mail address is: dsrekcc@prism.gatech.edu
> note: not Holonet

1468. Re: RADIO SHACK QUESTION

Newsgroup: rec.radio.scanner
Date: 1994-09-01 15:03:02 UTC
From: shawn4sk1@aol.com
Message-ID: <344qf6$43q@search01.news.aol.com>
Source record: 269613

In response to RS having scanners w/no gaps.

Answer: No, they don't. The FCC doesn't allow it.

Shawn4SK1@aol.com

1469. Re: 162.550 mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-01 15:19:22 UTC
From: glr@ripco.com
Message-ID: <CvGIKB.AxK@rci.ripco.com>
Source record: 269622

Rob110178 (rob110178@aol.com) wrote:
: In article <CvFCLE.6u@rci.ripco.com>, glr@ripco.com (Glen Roberts) writes:

: NOAA weather radio transmits on those stations in the US
: you will hear them on the following frequencys:
: 162.400
: 162.425
: 162.450
: 162.475
: 162.500
: 162.525
: 162.550
: Hope it can help ya

Sorry, I only hear them on .400 .475 and .550

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

1470. Blue Angels Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-01 15:32:11 UTC
From: ah595@cleveland.Freenet.Edu
Message-ID: <344s5r$13l@usenet.INS.CWRU.Edu>
Source record: 269617

Just confirmed the Blue Angels on 251.600
here in Cleveland.

Eric

1471. Icom R-7000 Mods

Newsgroup: rec.radio.scanner
Date: 1994-09-01 15:36:04 UTC
From: leonbradby@aol.com
Message-ID: <344sd4$4m5@search01.news.aol.com>
Source record: 269620

I am looking for any and all mods for the Icom R-7000 Communications reciever. Any help in locating these mods would be greatly appreciated.

Leon Bradby

1472. Re: PRO-51 goes bye bye

Newsgroup: rec.radio.scanner
Date: 1994-09-01 15:38:52 UTC
From: steven@sgb.oau.org
Message-ID: <CvGJGt.8ry@sgb.oau.org>
Source record: 269530

Chris Foote (Wilbraham & Monson Acad. 96) (cfoote@k12.ucs.umass.edu) wrote:

: Hiya....I work for RS and we got a NEWS FLASH that they were discontinuing
: the unit because of "engineering errors". Could someone double check this? I
: know it's coming from the HQ, but ya never know...

** Good **

If it is really discontinued, there should be some where-is as-is
pricing on it ... is it [1] any good and [2] at a reduced price
yet?

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

1473. Re: Icom R-7000 Mods

Newsgroup: rec.radio.scanner
Date: 1994-09-01 16:30:50 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CvGLvE.676@nntpa.cb.att.com>
Source record: 269594

In article <344sd4$4m5@search01.news.aol.com>,
LeonBradby <leonbradby@aol.com> wrote:

>I am looking for any and all mods for the Icom R-7000 Communications
>reciever. Any help in locating these mods would be greatly appreciated.

I dusted off this collection of R-7000 articles and am reposting
it for your benefit and for those who missed it.

- 1 -

ICOM IC-R7000 RECEIVER ANTHOLOGY

Compiled by Bob Parnass, AJ9S

EXAMINING THE ICOM IC-R7000 RECEIVER

Bob Parnass, AJ9S

The long awaited ICOM R7000 is here. I bought my R7000
(S/N 001400) on June 14, 1986 from Spectronics, and
agree with other R7000 owners: ICOM did their homework
on this radio.

I had several questions about the R7000 that were not
answered in ICOM's advertisements, and could only be
answered by fiddling with the real thing:

1. Can one set the R7000 to behave like a "normal"
scanner, waiting for a transmission to complete
before resuming the scan? Contrary to the review
in July Monitoring Times, the answer is YES.
There are 4 choices of when to resume scanning
(or seaching), and this is one of them.

2. Does the R7000 have a "search and store" mode,
like the old Bearcat 250? Yes, and it's well
done. There is a mode which will search between
two frequency limits, and store the active fre-
quencies in the top 20 channels. The R7000 is
smart enough not to store duplicate frequencies.

3. Does the R7000 use the concept of a "channel
bank"? Yes, one can select and deselect any of
the 99 channels to be in a bank. This is much
more flexible than traditional scanners. For
example, the user can form a bank composed of
channels 2, 5, 31, 48, and 79.

4. Does the Priority Scan feature work like a Bear-
cat scanner? Well, sort of. The best way to
describe the ICOM R7000 priority algorithm is to
say is resembles using a Bearcat scanner in the
manual mode with the priority feature selected.
One cannot "scan" more than one channel on the
7000 while sampling the priority channel. On the
plus side, the priority frequency does not use up
any of the 99 channels, but is programmed from
the keyboard and has its own register. The user
can use the "scan speed" control to set how often

the priority frequency is sampled, a nice touch.
In practice, the R7000 dwells on the priority
frequency for a little too long, essentially
chopping up the signal on the non priority fre-
quency too much.

Using the internal, top-mounted speaker, the R7000 has
good audio power and fidelity, better than my R71A.

The user manual is generally good, and a schematic is
furnished. Some broken English makes it unclear as to
whether the R7000 battery backed up RAM contains
firmware as in the R71A.

There are provisions for activating a tape recorder
when a signal is received, but there is about a 1
second delay in activation, causing the recorder to
miss the start of the transmission. I may replace the
capacitor in that relay circuit when I get the nerve to
open the cabinet for the first time.

Another relay is used to switch in some filters for
reception above 512 MHz, so one hears the relay click-
ing while scanning a mixture of low and high frequen-
cies, a bit unnerving.

There's a lot of fun to be had with the R7000. It was
interesting tuning through the link and paging signals
in the 72-76 MHz band, and listening to military air-
craft in the 200-400 MHz band.

My UHF antenna system consists of a government surplus
FAA discone, good for coverage between 150-1200 MHz.
Although not as good as a Butternut SC3000 antenna in
the 150-174 and 440-512 MHz ranges, the discone has the
edge in the 225-400 and 512-1200 MHz bands. At these
frequencies, a low loss feedline is very important, and
I use a Belden 9913 clone made by International Wire
and Cable.

- 3 -

COOL YOUR ICOM R7000 RECEIVER WITH ANOTHER HEAT SINK

Bob Parnass, AJ9S

The new ICOM R7000 25-2000 MHz receiver is a super radio, but the power supply tends to run hot. The two biggest heat generators are the pass transistor and bridge rectifier module. The stock heat sink, a flat piece of metal bolted to the inside of the cabinet rear, is inadequate. After 30 minutes of use, the back panel gets very hot, and the entire cabinet warms.

I added a small heat sink to the outside of my radio, using the screw that holds the bridge rectifer to the stock heat sink. An application of heat conductive grease between the added sink and the cabinet helps the heat transfer process. Now the rest of the cabinet gets barely warm to the touch.

- 4 -

ADD A COOLING FAN TO YOUR ICOM R-7000 RECEIVER

by Brian Kantor, WB6CYT1

In my R-7000, adding a fan makes a big difference. I've had it on continuously for three days now, and it's still nice and cool. Turns out most of the heat comes from the transformer core in the AC supply. One of those 3-1/2" 12V DC fans fits just nicely - a pair of 1/4" standoffs screwed through two of the upper back panel ventilation slots holds it in place, the power leads snake through the lower ventilation slots, and some duct tape to form a gasket, and it pulls the hot air right out. If you pick the 12V off the power supply regulator board at W3 (orange lead), it will even work properly when you run the radio off 12 volts.

[In order to blow hot air out, the fan must suck in cool air from somewhere. Users are advised to be on guard for dust being drawn into fan-equipped R-7000s. - Editor]

---

1. Brian Kantor, WB6CYT. University of California San Diego. ARPANET address: brian@ucsd.edu

- 5 -

TV INTERFACE FOR R7000

John Biro

I just got the video interface for the R7000, and to my surprise it is not an internal option. It bolts to the side of the radio (right side were the rubber feet use to mount). It is about 1 inch wide, and the same height and length as the R7000, and in a matching cabinet.

TV video is taken off the 10.7 MHz IF output jack, this presents a problem if you are using it for a Band Scope. It also "steals" the power from the IF output (the center pin of the IF out carries 12VDC so be careful not to short it out).

The interface provides RCA type jacks for both Video out and Audio out. The Video is standard levels and the Audio is low level output for input to a typical audio amp (it can not drive a speaker directly). I am not sure why the audio output is there as you can monitor the audio on the R7000, looking at the circuit they do have a sideband filter circuit so I would assume the audio is cleaner but I have not tried it and do not have any problem with the R7000 audio receiving WBFM from the TV stations.

Results: The TV-R7000 works OK, but I am just disappointed in the fact that it does not mount internally in the R7000. This could also help in its high price tag of $119. I had a Yaesu FRG9600 with video option (only about $30), and it worked about the same. The picture quality is good, and it is very stable. My antenna is vertically polarized, so I am working crossed polarized for TV stations but still get good results, strangely better on UHF then VHF freq. In fact, I get UHF on this set up better then my late model TV upstairs.

I think that I am most disappointed in the fact that the unit mounts on the side of the R7000. I don't have the extra inch of bench space, so I had to put rubber feet on the unit and lay it on its side on top of the R7000. It works fine and I do not see any difference with the case of each unit tied together or not.

I made a "T" adapter and ran both the BAND-SCOPE and TV on the IF output. I have not tried to add a third option to the IF output yet but it seems to be buffered from the main IF (wide band data 9600 baud).

- 6 -

The unit comes with schematic, installation info, and cables to hook it up to a video/audio monitor. Installation is 5 minutes or less if you know where to find

your screw driver the only tool required.

Now to look for some Amateur TV and for Hidden TV stations. There is more out there then featured in the TV Guide.

- 7 -

198 CHANNELS FOR YOUR
R7000 RECEIVER?

by Bob Parnass, AJ9S

The ICOM R7000 appears to use a uPD446C, 16K static RAM chip, for storing 99 memory channels. By looking at the pinout of this chip (IC8 on the Logic Unit) in my service manual, it appears that ICOM is only using 1/2 its memory capacity. Address lead A10 (pin 19) is soldered to a ground pad.

To double the number of memory channels in the R7000 to 198, it looks like one could "lift" pin 19 of IC8, and connect it to pin 24 (+Vcc) through a 10,000 ohm resistor. A SPST switch could be used to ground pin 19.

Another challenge would be finding a place on the R7000 to put the added "Memory Bank" switch. Perhaps one could use the Noise Blanker switch, and just leave the NB on at all times.

I don't have time to try this experiment, and would be interested in hearing results from any enterprising hobbyist willing to try this.

Long live tinkering!

[PS: Jack Albert, WA9FVP, reports that he tried the modification, and it works! Jack doesn't have the remote control option in his R7000, so he elected to use the front panel REMOTE switch as a bank switch. He installed a 48,000 ohm resistor between IC8 pin 19 and ground, and ran a wire from the REMOTE switch, through an 82,000 ohm resistor, to pin 19. When you switch between banks, you must also rotate the channel selector knob, forcing to the microprocessor to read from memory.]

- 8 -

DOUBLE THE MEMORY CHANNELS OF THE ICOM R7000 BY
REPLACING THE SPEECH SWITCH

by Jean-Louis Ecochard

This modification is based on information received both from Bob Parnass and from Gary on the ICOM Technical Support line.

Although simple, this modification is rather delicate to implement because it requires knowledge of unsoldering and soldering CMOS components. It also involves removing the speech switch. This will of course void any ICOM warranty and the result may be a very expensive paper weight. It is very important to note that some vendors of ICOM equipment offer a similar modification for ~$50.

WARNING

THIS OPERATION INVOLVES UNSOLDERING ONE LEAD OF THE CMOS MEMORY CHIP. CMOS DEVICES ARE EXTREMELY SENSITIVE TO STATIC ELECTRICITY. USE THE APPROPRIATE EQUIPMENT SUCH AS GROUND STRAP, GROUNDED SOLDERING IRON, ANTI STATIC MAT TO MAKE SURE YOU WILL NOT DAMAGE THE CHIP.

THE SILK SCREEN REPRODUCTION IN THE ICOM R7000 SERVICE MANUAL IS INCORRECT, REFER TO THE FOLLOWING DOCUMENT CONCERNING LOCATING THE POSITION OF THE SPEECH SWITCH. CONTACT ICOM FOR MORE DETAILS.

Equipment

anti static mat
ground wrist strap
tip grounded soldering iron
solder (thin)
set of screwdrivers
unsoldering pump
set small pliers wire cutters

Parts

- 9 -

photocopy of the exploded view of the R7000 from the ICOM R7000 service manual
remote switch ICOM part # SPUT 19167A
47 K Ohms resistor
small insulated wire

Time 2 to 4 hours

Preparation

Read this document completely. Select a smooth surface to work on such as an antistatic mat or a towel spread on a table. Put the R7000 in front of you with all the equipment you will need at reach. The receiver must be unplugged. For safety reasons and protection of your

equipment it is advisable that you leave the ICOM unplugged for a couple of hours to allow components to cool and capacitors to discharge. Take off the front panel and the bottom panel as described in the exploded views of the service manual. Disconnect and take off the logic board (remember the connector positions). Disconnect and take off the SW3 board it may require disconnecting other boards.

The memory module

Locate IC8 on the logic board. It is the chip with the battery on top of it. Locate pin 19. Use the reference in the service manual to find the correct pin labeled A10 (page 7-9).

Top view of IC8

```
1 24
o U o
o o
o o
o o
o o
o o <- 19
o o
o o
o o
o o
o o
o o
```

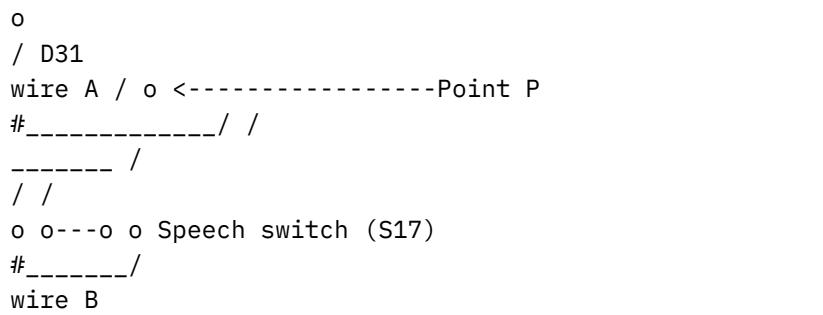
Now think on how difficult it will be to unsolder pin 19. If you think it is beyond your skills, get help.

- 10 -

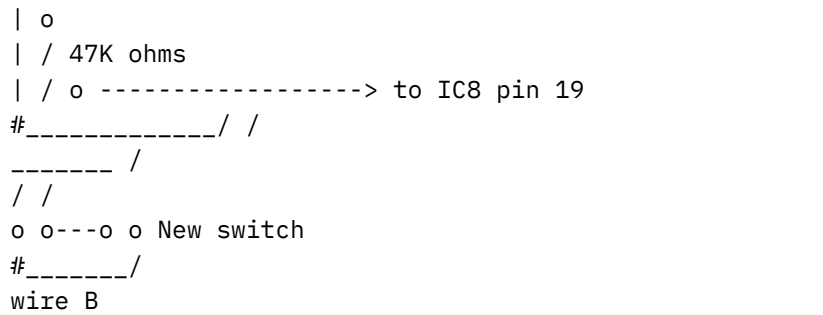
Unsolder pin 19 and use a pair of small pliers to pull it out of it hole. Make sure it does not touch the transistor nearby. solder a wire to pin 19. this wire must be long enough to reach the front panel later on. When this is done, verify that pin 19 is not in contact with anything (you may want to isolate it). You have done the most difficult part of the modification.

The switch board

Locate the speech switch on the SW3 board. Beware, the ICOM service manual has incorrect information (reversed) concerning the placement of switches on SW3. The speech switch is S17. Locate the pattern/trace below on the solder side of the SW3 board.



Unsolder the speech switch, the diode D31 and the wire A. Insulate the wire A so that it does not touch anything. Solder the 47K ohm resistor where the diode D31 was. Solder the new switch (SPUT 19167A) where the speech switch was, in the same position. Solder the wire that you have previously soldered to IC8 pin 19 to Point P. Solder a wire between where wire A was soldered and ground. A good place to connect to ground is around the screw next to S18 on the SW3 board.



Verify your work and reassemble the unit.

- 11 -

Results

In the "out" position, the switch gives you the original 99 memories, in position "in" you have 99 more memories. These memories will be most likely full of garbage, so the first step is to clear them using the clear switch. Clear all the 99 memories. This modification also double the program scan mode memories. For example, you can have two programmed scan depending on the position of the switch when you do a "SET".

- 12 -

MODIFY YOUR ICOM R7000 TO SCAN AND SEARCH FASTER

by Bob Parnass, AJ9S

This article describes how to increase the scan and search speeds of the ICOM R7000 receiver by 60% without

noticeable performance degradation.

Background

The front panel SCAN SPEED control on the R7000 receiver allows the user to adjust the speed of scanning and searching operations, as well as the rate at which the priority channel is sampled. Rotating the control counterclockwise decreases the speed, and rotating it clockwise increases the speed.

When the SCAN SPEED control on my R7000 (serial number 001400) was turned fully clockwise, the radio would scan a maximum of about 8 channels/second, or search about 8 increments/second. As the following table shows, the stock R7000 can scan about as fast as a Radio Shack PRO-30 or PRO-2003.

Table 1. Maximum Scan Rates of Selected Receivers

Scanner	Maximum Scan Rate (channels/second)
Kenwood TR-2600	1.2
Radio Shack PRO-30	8
Radio Shack PRO-2003	8
ICOM R7000 (stock)	8
ICOM R7000 (after modification)	13
Regency M400	13
Bearcat 20/20	15
Bearcat 300	15

R7000 Scan Circuits

The scan rate of the R7000 is determined, in part, by a simple clock outside the microprocessor. The front panel SCAN SPEED rheostat and resistor R18 (and other components in the LOGIC UNIT) control the speed of this clock. The clock output is connected to what appears to be an input port on the microprocessor. The upshot is that we can affect the scan rate without affecting

the other chores performed by the microprocessor.

The modification consists simply of soldering a 470,000 ohm resistor across the leads of resistor R18 on the LOGIC UNIT circuit board.

How was the value of 470,000 ohms chosen? Experimentation with different resistor values showed that for

values both above and below 470,000 ohms, the R7000 scan rate decreases. Not having the R7000 Service Manual, I assume this can be explained by the firmware within the microprocessor associated with the scan rate input port.2

Adding the 470,000 ohm resistor in parallel with R18, rather than just replacing R18, has a few advantages:

1. The modification is easily undone, returning the radio to stock condition.

2. The LOGIC UNIT board does not have to be removed, as would be the case if R18 was unsoldered from the foil side.

Making the Modification

Accessing this circuit board is not difficult, and involves the same steps used when installing the optional Remote Controller or Speech units.

Use a towel to cover your work area to avoid scratching the R7000 cabinet. Unplug the R7000 from the AC line, and turn the radio upside down. Remove the bottom cover by removing the 12 screws holding it in place.

Remove the 4 screws holding what ICOM terms the "partition panel". Pictures on pages 32 and 34 of the R7000 Instruction Manual show the partition panel. After removing this panel, the component side of the LOGIC UNIT circuit board is accessible.

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2. Perhaps the firmware polls the scan rate input port infrequently. Another possibility is that the scanning pulses interrupt the processor, and the interrupt firmware is limited in its ability to process frequent interrupts.

Locate R18, a 270,000 ohm 1/8 watt resistor, near connector J5. You may wish to remove plug P5 from J5 temporarily if it gets in your way. Carefully solder a 470,000 ohm resistor in parallel with R18. I used a 1/4 watt resistor as it was the smallest on hand.

Reassemble the radio, connect it to AC power and antenna, and enjoy.

In the modified R7000, the scan and search rates are still adjustable using the SCAN SPEED control. With

the control turned fully clockwise (maximum speed), the modified R7000 scans at about 13 channels/second and won't miss weak signals.

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A LOW COST PANADAPTOR
FOR THE R-7000

by Bob Parnass, AJ9S

A panadaptor, or spectrum display, is a device which portrays visually the signals in a part of the radio spectrum. Panadaptors allow radio listeners to "see" activity on a portion of band without requiring the listener to tune the receiver.

They are useful for detecting the presence of spread spectrum signals or "hidden" signals riding on a sub-carrier of a main channel. Panadaptors are invaluable for detecting spurious emissions from transmitters, and unwanted products caused when 2 or more signals mix.

Panadaptors most often employ a cathode ray tube (CRT) for the display, and must be connected to the intermediate frequency (IF) amplifier stage of a receiver, at a point before filtering takes place.

The ICOM R-7000 2-2000 MHz receiver rear panel has a phono jack for wide band 10.7 MHz IF output. A DC voltage is also present at this connector and is used to power an ICOM TV accessory.

I've seen mention of 3 panadaptors for the R7000:

1. John Biro's article on retuning a Yaesu YO901 Multiscope panadaptor for 10.7 MHz, restricted bandwidth use. Selectable bandwidths of 20, 100, or 200 KHz are available.

2. The Sherwood Communications SCA-7000 signal monitor, priced at $1600, and reviewed in May 1987 "Monitoring Times".3 Bandwidth adjustable from 1 KHz - 1 MHz.

3. The Spectra-Display, priced at $350, which requires use of an external scope.4 Bandwidth

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3. Sherwood Communications, 1310 Industrial Highway, Southampton, PA 19866. tel (215)357-9056.

4. Spectra-Display is sold by GTI Electronics, RD 1 Box 272, Lehighton, PA 18235. tel (717)386-4032.

adjustable from 200 KHz - 10 MHz. Optional preamplifier required for 12 MHz wide sweep.

In the past month, several Kenwood SM-220 monitor scope/panadaptors have appeared at hamfests selling in the $200 to $250 range. The Kenwood SM-220 can display transmitted or received signals. To add spectral display capability to the SM-220, one must purchase the optional BS-5 or BS-8 module, which consist of a printed circuit board, a steel enclosure, interconnecting cables, and a new graticule. The panadaptor module mounts inside the SM-220 cabinet.

The BS-5 is used with the TS520 and TS530 transceivers, which have an IF of 3.395 MHz. The BS-8 is used with the TS820 and TS830 transceivers, which have an IF of 8.830 MHz. Since the IF of the ICOM R7000 is 10.7 MHz, one must alter the panadaptor circuitry to accept 10.7 MHz input.

If you have any choice in the matter, get the BS-8, as it requires fewer changes than the BS-5, and may even require no changes at all!

The panadaptor module circuit consists of several stages, but only two are directly related to the IF frequency:

1. A crystal oscillator is used as a marker generator.

2. A voltage tuned oscillator is swept across the IF of the receiver, and employs a varicap diode, an inductor and capacitors.

The marker generator is not vital for panadaptor operation. It merely provides a single "pip" that one may use to center the display on the CRT screen, and is similar in purpose to the crystal calibrator in older receivers.

The marker generator circuits in the BS-5 and BS-8 are identical except for one crystal. One need only replace the 3.395 MHz crystal (in the BS-5), or 8.830 MHz crystal (in the BS-8) with a 10.7 MHz crystal to adapt the SM-220 marker to 10.7 MHz IF. I did not alter this stage, although I would if I had a 10.7 MHz crystal handy.

The voltage tuned oscillator is the stage that deserves our attention. The changes required depend on whether

you have the BS-5 or BS-8 panadaptor module.

Changes for BS-5 Module

Change the following capacitors:

1. C231 from 1000 pf to 68 pf.

2. C232 from .01 uf to 1000 pf. (You can use the capacitor which used to be C231.)

3. C234 from 100 pf to 22 pf.

4. C236 from 47 pf to 22 pf.

5. C237 from 680 pf to 100 pf. (You can use the capacitor which used to be C234.)

Solder a 10 microhenry inductor in parallel with L204, a 20 microhenry inductor.

Changes for BS-8 Module

I haven't tried the BS-8 module, but encourage you to try using it as is, without modification unless necessary.

These steps are needed only if you cannot find settings of the side mounted aligment controls that get the display to behave as specified in the owner's manual:

1. Remove C233, the 33 pf disc capacitor, from the printed circuit board.

2. Replace coil L204, the 4.7 microhenry inductor, with a 6 or 7 microhenry inductor.

Alignment

Follow the alignment procedure in the SM-220 owner's manual to adjust the panadaptor. This consists of adjusting 2 potentiometers and 1 trimmer capacitor through holes thoughtfully provided in the side of the cabinet.

The alignment instructions rely on the use of the internal Marker Generator to generate a signal at the center of the passband. If you haven't converted the

Marker Generator circuit, you can tune your receiver to a frequency with a signal present at a known frequency (like 162.550 MHz - the National Weather Service), and use that as a frequency standard.

Most of the time spent in aligment will be in alternate adjustments between the trimmer capacitor and the wide band sweep potentiometer, which interact with each other.

Wider Bandwidth

The SCAN WIDTH switch on the stock SM-220 can be set to display a 40 KHz or a 200 KHz wide picture. I adjusted my modified SM-220 to display a 100 KHz or a 500 KHz wide picture. By adjusting the controls on the side of the SM-220, wider bandwidths are possible, but wider bandwidths make it more difficult to resolve individual signals close to each other in frequency. As the bandwidth gets wider, the horizontal sweep loses linearity, causing the graticule calibration lines to be inaccurate.

Connection to R-7000

As mentioned earlier, a DC voltage is present at the R-7000 IF output connector and is used to power an ICOM TV accessory. A direct connection between the R-7000 IF output connector and SM-220 would damage at least one of these units.

To block the DC voltage, a 0.1 microfarad capacitor was soldered inside the R-7000, between the IF output jack and the adjacent jack labeled "spare". Connection between the R-7000 and SM-220 is then made using a short length of RG-58/U coaxial cable, with one end plugged into the R-7000 "spare" jack, and the other end plugged into the rear of the SM-220.

This leaves the original IF output jack undisturbed so it can be used with the TV adaptor accessory.

Vertical Sensitivity

When I connected my modified SM-220 to my R7000, the SM-220 would display only the strongest of signals. To improve the display sensitivity, I inserted a 20 dB gain RF amplifier between the R7000 and SM-220. The

amplifier was a spare Ameco PLF2 FET receiver preamp, adjusted for 10.7 MHz, but other amplifiers can be used, provided they have at least a 500 KHz bandwidth, and sufficient gain, at 10.7 MHz.

False Readings - Images

The SM-220 circuit is like a superheterodyne receiver. The panadaptor itself has a 455 KHz IF, and like other

superheterodyne receivers with a low IF frequency, is prone to images.

An image is manifested as a false pip, which moves across the screen as the receiver is tuned, and is 910 KHz (twice the IF) away from the actual signal.

The images discussed here are in the SM-220, not in the receiver. Images are bothersome on the strongest signals, like those 300 watt paging transmitters that saturate the county with RF, belching out out strange digital noises or voices (now illegal to monitor).

Use With Other Receivers

The modified SM-220 can be used with other receivers having a 10.7 MHz IF. In other receivers, one would need to find the proper point in the IF stage (before filtering takes place), install a connector, then wire a DC blocking capacitor between the IF stage and connector.

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WIDER FM FILTER IN THR R-7000

by Barre Ludvigsen

I am trying to replace one of the 10.7mhz IF 150khz FM filters of my ICR-7000 with an XF-107E (40khz) wide crystal filter from Spectrum (the type designator is from memory) for better APT reception.

Right now I am using the 150khz bandwidth which works, but gives me some interference. I have tried to insert the 40khz filter i // with the 150 using a switching circuit similar to those used in the narrow FM filtering schemes, but the new filter seems narrower than 40khz and gives excessive noise.

The reason I want to use a switchable circuit is to retain the 150khz bandwidth for broadcast FM and audio through the radio when using the TVR-7000 unit. I suppose I could forsake broadcast and take the TV audio out of the TV unit, but switching would be nice.

att!nac.no!borrel%sun.dhhalden.uninett Tue Sep 11 1990

Borre Ludvigsen borrel%sun.dhhalden.uninett@nac.no
Senior Lecturer Borre.Ludvigsen@use.uio.no
Ostfold Regional College 74377.3443@Compuserve.com
Department of Computer Science
Os Alle 9
N-1750 HALDEN, Norway phone 47 9 18 54 00 / fax 47 9 18 54 85

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Memory Scan Using the R-7000 Remote Control

by Johnathan Vail, N1DXG
Tegra-Varityper, Inc., Billerica, MA

Here are the details of a mod I sent to MT a few years ago:

This will change the function of the MS key on the remote control to select SELECTED MEMORY SCAN instead of MODE scan. Why they didn't provide this as a function in the first place seems rather odd.

On the remote control option board inside the R7000, remove the cathode of D40 from the board and bend the diode up slightly. Attach a small wire, like #30 wire-wrap or something, to the lifted cathode and tack solder it to the cathode of D32.

You could do this with cuts on the board but the tack solder method allows the mod to be backed out easily if needed.

An alternative method is to run the wire from D40 through the hole where it used to be, and solder to the gray wire (pin 8) of P1.

I figured this out with a scope and the schematic. The switches are all polled by the CPU through a diode matrix. Lots of combinations are possible but I didn't fool around too much.

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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1474. *Hardware* Mod for Pro51 wanted

Newsgroup: rec.radio.scanner
Date: 1994-09-01 16:31:55 UTC
From: horak@convex.com
Message-ID: <344vlr$9g3@eugene.convex.com>
Source record: 269531

I already have the software mod, thank you! I'm just the kinda guy who can't resist doing surgery on things. Besides, the cellular handset frequencies isn't in the software mod and you can't program any cell stuff into the LIMIT function. I thought I saw a hardware mod once upon a time but I didn't save it because I didn't have the radio at the time.

Thanks,
David

1475. Re: FOR SALE: Scanner books/reference materials

Newsgroup: rec.radio.scanner
Date: 1994-09-01 17:05:53 UTC
From: crisp@netcom.com
Message-ID: <crispCvGnHu.E8r@netcom.com>
Source record: 269601
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

In article <342qe1$jbd@shore.shore.net> mc@shore.shore.net (Michael Crestohl) writes:
>I am clearing out some extra scanner books that're cluttering up my shack:
>
>1: LOW BAND SKIP DIRECTORY by Chuck Robertson published by Grove Enterprises
> interesting reference to 29.7 - 50.0 MHz frequencies that can be heard
> in North America from the Caribbean, Central & South America ans Europe.
> Also contains a frequency cross-reference. $5.00 + postage
>
>

This one may become a classic. Chuck was recently sentenced to 10 years in
prison for cultivating marijuana. He may not be doing much publishing
in the meantime about current monitoring.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1476. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-09-01 17:15:02 UTC
From: HARRY ROBERTSON <gascan@delphi.com>
Message-ID: <xSyz2Cu.gascan@delphi.com>
Source record: 269525

Jason M. Michaels <jmm5h@Virginia.EDU> writes:

>> Recently someone posted a message about a police officer who didn't like
>> scanners and scanner owners, calling the "ambulance chasers" - well, here's
>> some hard facts you can give them from my experience:

entire next hundred lines in response deleted

>So, What do you want, a medal?

Well, he may not want a medal, but I would like to not have to read the entire
message? Don't you have an editor?

1477. Re: 162.550 mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-01 18:09:42 UTC
From: josephl@clark.net
Message-ID: <3455d6$rgs@clarknet.clark.net>
Source record: 269596

AndyCl168 (andycl168@aol.com) wrote:
: In article <CvFCLE.6u@rci.ripco.com>, glr@ripco.com (Glen Roberts) writes:

: >I hear the national weather service on 162.550 mhz. I also hear them on
: >162.400 and 162.475 mhz. Isn't that cool!

: Uh, maybe I'm missing something, or maybe this is just another one of your
: pleas for attention, ...

It sure look like it.

1478. Re: SECRET Memo to FBI Director

Newsgroup: rec.radio.scanner
Date: 1994-09-01 18:14:31 UTC
From: glr@ripco.com
Message-ID: <CvGqo8.DCp@rci.ripco.com>
Source record: 269557
Cross-posted to: alt.2600,alt.2600hz,rec.radio.scanner,alt.privacy,alt.radio.scanner,comp.org.eff.talk

eagle (jldavis@nyx10.cs.du.edu) wrote:
: In article <CvF5zn.Jzr@rci.ripco.com>, Glen Roberts <glr@ripco.com> wrote:
: [Clarification Deleted]

: Oh...Well that explains everything, almost. Did you get your FOIA answered
: in time to do you any good? What was the turn around time from request to
: response?
The Detroit FBI offices takes a month or two
FBIHQ in DC takes about a year.
The Los Angeles FBI office takes about nine-months.

The FOIA didn't do me much good in dealing with the FBI. But, I did
sent a letter to Congressman Pursell telling him to go to hell, or
for telling me about the FBI's SECRET memo to him (of course he
couldn't disclose the classified information to me, or probably even
the existence of it)... and that was the rub... he is supposed to
REPRESENT ME, not the FBI... yet, the FBI tied his hands.

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

1479. Re: PRO-51 goes bye bye

Newsgroup: rec.radio.scanner
Date: 1994-09-01 18:28:29 UTC
From: domonkos@access.digex.net
Message-ID: <GUYPkiubGw15066yn@access.digex.net>
Source record: 269602

In article <CvGJGt.8ry@sgb.oau.org>, Steven Bradley wrote:
> Chris Foote (Wilbraham & Monson Acad. 96) (cfoote@k12.ucs.umass.edu) wrote:
>
> : Hiya....I work for RS and we got a NEWS FLASH that they were discontinuing
> : the unit because of "engineering errors". Could someone double check this? I
> : know it's coming from the HQ, but ya never know...
>
> ** Good **
>
> If it is really discontinued, there should be some where-is as-is
> pricing on it ... is it [1] any good and [2] at a reduced price
> yet?
>
> Steven
> ---
> Internet: steven@sgb.oau.org | Steven G. Bradley
> steven@gate.net | Forest City, Florida
> steven@transquest.oe.fau.edu |-----------------------
> CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
> America Online: sgbradley@aol.com | Modem: 407/862-8088

A phone call to Tandy HQ resulted in an explanantion that the Pro-51
warehouse stock was being sent back to the factory and being replaced
with the keyboard mod left out (just a ROM change). They said the
unit was not being discontinued.

Andy

1480. Re: McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-01 18:36:04 UTC
From: dwillson@pcwizard.almaden.ibm.com
Message-ID: <3456uk$93j@juniper.almaden.ibm.com>
Source record: 269603

In <343cl7$h8k@search01.news.aol.com>, shawn4sk1@aol.com (Shawn4sk1) writes:
>Does anyone have any newer McDonald's freqs? I've tried the ones in the
>30's band, the 150's band and the 400's band- no luck. In fact, I didn't
>pick up ANY fastfood freqs... I have a 2006 and an All-Band antenna now, I
>should get some of them...
>

How far away from the Fast Food places are you?? I have listened to McDonalds
and they are VERY low power and can only be heard a couple of blocks.

Dennis

1481. Re: McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-01 18:39:15 UTC
From: spiel@cc.emory.edu
Message-ID: <34574j$6bv@emoryu1.cc.emory.edu>
Source record: 269604

Shawn4sk1 (shawn4sk1@aol.com) wrote:
: Does anyone have any newer McDonald's freqs? I've tried the ones in the
: 30's band, the 150's band and the 400's band- no luck. In fact, I didn't
: pick up ANY fastfood freqs... I have a 2006 and an All-Band antenna now, I
: should get some of them...

No offense, but McDonalds freqs are probably the most boring out there!
"Two chesseburgers, small coke, large fries!" If you are really
interested in hearing this though, and can't obtain the freqs anywhere, may
I suggest that you sit in your local McDonald's and hear the "action"
live! Of course if McDonald's gets boring there is always Burger King!

-Stephan

1482. Re: FOR SALE: Scanner books/reference materials

Newsgroup: rec.radio.scanner
Date: 1994-09-01 18:45:00 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Sep1.184500.28188@hpcvaac.cv.hp.com>
Source record: 269605
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

crisp@netcom.com (Richard Crisp) writes:
: >1: LOW BAND SKIP DIRECTORY by Chuck Robertson published by Grove Enterprises
: > interesting reference to 29.7 - 50.0 MHz frequencies that can be heard
: > in North America from the Caribbean, Central & South America ans Europe.
: > Also contains a frequency cross-reference. $5.00 + postage
:
: This one may become a classic. Chuck was recently sentenced to 10 years in
: prison for cultivating marijuana. He may not be doing much publishing
: in the meantime about current monitoring.

What a terrible waste. I wonder what rapist or murderer they will let out,
to make room for this highly dangerous plant grower?

Bill

1483. Re: 162.550 mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-01 18:57:39 UTC
From: jqtaylor@boi.hp.com
Message-ID: <CvGso3.M65@boi.hp.com>
Source record: 269606
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Glen Roberts (glr@ripco.com) wrote:
: I hear the national weather service on 162.550 mhz. I also hear them on
: 162.400 and 162.475 mhz. Isn't that cool!

Those are top-secret channels. You're asking to be "offed."

1484. FOR SALE: Scanner books/r

Newsgroup: rec.radio.scanner
Date: 1994-09-01 19:08:22 UTC
From: Rickey.Stein@illusion.metronj.org
Message-ID: <3c6_9409020503@nisc.fidonet.org>
Source record: 269555

I would be interested in the Low Band Skip directory if it is still
available.
Rickey Stein
456 Barrymore Place
North Brunwick NJ 08902-2604 908-297-1269

RCMA International Editor

1485. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-09-01 19:27:15 UTC
From: abe@rabbit.corp.sgi.com
Message-ID: <3459uj$4es@fido.asd.sgi.com>
Source record: 269532

All this talk about a lousy $2 Radio Shack catalog!! Amazing what
people will do to avoid paying $2. I walked into my local RS,
bought a scanner and picked up TWO catalogs FREE of charge. I just
asked politely and they were mine FREE.
...ABe

|> : So, are you going to get a catalog anyway?
|>
|> You're late - I already received two of them with credit against
|> a prior purchase made within 30 days of the catalogs being put on
|> display -- long story, but did not pay a cent more!
|>
|> Steven
|> ---
|> Internet: steven@sgb.oau.org | Steven G. Bradley
|> steven@gate.net | Forest City, Florida
|> steven@transquest.oe.fau.edu |-----------------------
|> CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
|> America Online: sgbradley@aol.com | Modem: 407/862-8088

--
Abe Collins | Silicon Graphics, Inc. MS/14L-135 | Ph: 415.390.3026
Dealer Channels | 2011 N Shoreline, Mt.View CA 94043 | Fx: 415.390.6325

Internet CompuServe Prodigy America Online
abe@sgi.com 70741,56 TJDU70A AbeSGI

All wiyht. Rho sritched mg kegtops awound?

1486. Milwaukee, Wisc. freqs ?

Newsgroup: rec.radio.scanner
Date: 1994-09-01 19:29:43 UTC
From: moore@spk.hp.com
Message-ID: <CvGu5J.791@hpcvsnz.cv.hp.com>
Source record: 269533

Hi ... I'm going to be in Milwaukee in a couple of weeks and would
enjoy tapping into the emergency communications radio traffic while
I'm there. Of interest is Fire, EMS and Police. Can anyone help ?

+-----------------------------------+---------------------------------+
Bill Moore	email: moore@hpspkla.spk.hp.com
Hewlett-Packard Co.	Telnet: 1-921-3305
Spokane Division	Bell: 1-509-921-3305 or
24001 E. Mission Ave.	1-800-553-0891x3305
Spokane, WA 99019-9599	FAX: 1-509-921-3991
+-----------------------------------+---------------------------------+

1487. How to make Mot. phone into Receiver?

Newsgroup: rec.radio.scanner
Date: 1994-09-01 19:56:27 UTC
From: copeland@metronet.com
Message-ID: <CvGvE4.51@metronet.com>
Source record: 269614

The Wall Street Journal reported Motorola phone can be modified into cellular receivers. (Setp 1, 1994 ; section B1). The article states someone on the internet was passing around this "6 step procedure".

Anybody got it?

How about for other cellular phones?

--

| copeland@metronet.com |

1488. Re: 162.550 mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-01 19:57:31 UTC
From: crisp@netcom.com
Message-ID: <crispCvGvFv.60w@netcom.com>
Source record: 269535
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <CvFCLE.6u@rci.ripco.com> glr@ripco.com (Glen Roberts) writes:
>I hear the national weather service on 162.550 mhz. I also hear them on
>162.400 and 162.475 mhz. Isn't that cool!
>

This is news?

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1489. Re: SECRET Memo to FBI Director

Newsgroup: rec.radio.scanner
Date: 1994-09-01 20:10:01 UTC
From: davemc@dsd.es.com
Message-ID: <345cep$3pv@es.com>
Source record: 269611
Cross-posted to: rec.radio.scanner,alt.privacy

In article <CvDBxq.J6q@rci.ripco.com>, glr@ripco.com (Glen Roberts) writes:
>--
>SECRET
>2/3/86

So, Glen, are you planning on telling us what this is all about, and
what happened?

--
DaveMc "Carpe Dinero" -- "Seize The Money"

1490. PRO-2026

Newsgroup: rec.radio.scanner
Date: 1994-09-01 20:13:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <ba3_9409011757@blkcat.fidonet.org>
Source record: 269624

Does anyone know of a mod to either dim or turn on and off
the backlight on the RS PRO-2026. All of the mods that I
have seen are business band only.

Fidonet: Tom Eagan 1:109/239
Internet: Tom.Eagan@f239.n109.z1.fidonet.org

1491. Re: WANTED: Info on Copper Electronics

Newsgroup: rec.radio.scanner
Date: 1994-09-01 20:27:28 UTC
From: daiv@iglou.iglou.com
Message-ID: <1994Sep1.202728.17046@iglou.com>
Source record: 269616

dgordon@sadira.gb.nrao.edu (David Gordon) writes:

>I would like to have the address, phone number, etc.,
>for Copper Electronics. Post here please, do not email
>to me. Thanks.
>David

If it's the Copper Electronics in Louisville, the # is 502-968-8500.
For more info, you might try sending email to info@iglou.com, since
the Internet Gateway of Louisville is run by them.

--

Daiv Stoner | A man with one watch knows what time it is.
daiv@iglou.com | A man with two watches is never sure.

1492. Re: 900 MHz cordless phone evaluations

Newsgroup: rec.radio.scanner
Date: 1994-09-01 20:41:37 UTC
From: horak@convex.com
Message-ID: <345ea1$p8l@eugene.convex.com>
Source record: 269536
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.2600,alt.cellular-phone-tech

In <dknodel-010994150235@mac-2961.smith-street.uh.edu> dknodel@uh.edu (David E. Knodel) writes:

>it has a neat
>feature in that the phones poll each other even when in standby, and will
>beep to let you know you've gone out of range.

The Tropez model has this too and I think it stinks. It lowers the battery life considerably if you leave the handset off the base. The ability to turn the "polling" OFF would be great. Since the useable range of the phone is several hundred feet and I only use it in my apartment, when do I need it to tell me I'm out of range????????

David

1493. Re: SECRET Memo to FBI Director

Newsgroup: rec.radio.scanner
Date: 1994-09-01 21:00:50 UTC
From: jkronz@pts.mot.com
Message-ID: <CvGyDE.5wp@pts.mot.com>
Source record: 269413
Cross-posted to: alt.2600,alt.2600hz,rec.radio.scanner,alt.privacy,alt.radio.scanner,comp.org.eff.talk

Glen,

Please give us all a break... Most of the people have lengthier records
than you... Your nothing special.

-jason

Glen Roberts (glr@ripco.com) wrote:
: --
: SECRET
: 2/3/86

: TO: DIRECTOR, FBI

: FROM: SAC, DETROIT (62A-5733)

: CONSTITUENT INQUIRY FROM
: CONGRESSMAN CARL PURSELL ON
: BEHALF OF GLEN ROBERTS

: SA XXX
: DETROIT DIVISION
: PERSONNEL MATER

: Enclosed for the Bureau are the following documents:

: 1. Note from Congressman CARL PURSELL, dated 1/22/86, addressed to JAMES B.
: RILEY, Agent in Charge, FBI, Ann Arbor, Michigan.

: 2. Letter to Congressman PURSELL, dated 1/31/86 from SAC KENNETH P. WALTON,
: advising him inquiry has been referred to FBIHQ.

: 3. Newspaper clipping from "Ann Arbor News", dated 9/10/85, regarding GLEN
: ROBERTS.

: 4. Two copies of ROBERTS' tabloid FUll Disclosure, dated January and February
: 1986.

: 5. A copy of a memorandum, dated 12/27/95, from SA XXX to SAC Detroit, XXX
: [s] DE-46

: 6. XXX

: 7. Two copies of signed statement of SA XXX dated 1/29/86.

: XXX as set forth [s] in referenced memo from SA XXX dated 12/27/85. GLEN
: ROBERTS, whose background is set forth in copies of his tabloid and the "Ann
: Arbor News" newsclipping, interjected himself into the middle of this

: surveillance. He monitored and recorded the Agents' transmissions and
: apparently attempted to identify the subject under surveillance, undoubtedly
: to warn him of the surveillance. XXX ROBERTS thereafter made a complaint to
: the Ann Arbor Police Department concerning the call and contacted Congressman
: PURSELL. The Ann Arbor Police Department intends to take no further action
: relative to ROBERTS' complaint.

: XXX

: REQUEST OF THE BUREAU

: The Office of Congressional and Public Affairs in concert with the
: Intelligence Division, is requested to prepare an appropriate response to
: Congressman PURSELL's inquiry.

: XXX

: SECRET

: 2 - Bureau (Enc. 9)
: 1 - Detroit
: XXXpjw
: (3)
: Classified by G-3
: Declassify on OADR
: 62-0-95094

: ----
: XXX above represents an arbitrary amount of deletion by the FBI's FOIA office.
: ------------------------------------
: Glen L. Roberts, Editor, Full Disclosure Magazine
: Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
: email glr@rci.ripco.com for information on The Best of Full Disclosure,
: four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
: email for uuencoded .TIF of T-Shirt Honoring the FBI
: ------------------------------------

1494. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-09-01 21:09:00 UTC
From: sdougla@bgsu.edu
Message-ID: <sdougla.778453740@bgsuvax>
Source record: 269618

HARRY ROBERTSON <gascan@delphi.com> writes:

>Jason M. Michaels <jmm5h@Virginia.EDU> writes:
>
>>> Recently someone posted a message about a police officer who didn't like
>>> scanners and scanner owners, calling the "ambulance chasers" - well, here's
>>> some hard facts you can give them from my experience:
>
>entire next hundred lines in response deleted
>
>
>>So, What do you want, a medal?
>
>Well, he may not want a medal, but I would like to not have to read the entire
>message? Don't you have an editor?
>

Then go on to the next article. Don't you have a 'next article' command?

----------**********----------
Sean G. Douglas KB8IXP ********** Internet: sdougla@bgsuvax.bgsu.edu
Physics and Mathematics ******** LandLine: 419 372 1450
SkyWarn Net Volunteer ******
Amateur Radio Emergency Service ***** "Drive wisely near those storms!"
Bowling Green State University **** "Be Landspouty!"
Kohl Hall 115 *** "Everyone get good pictures!"
Bowling Green, Ohio 43403 ** "NSSL wants your video!"

1495. Re: Freq for portland oregon

Newsgroup: rec.radio.scanner
Date: 1994-09-01 21:10:17 UTC
From: dclemans@sherlock
Message-ID: <345fvp$15s@hpcan240.mentorg.com>
Source record: 269619
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Tom Walsh (tw@intel.com) wrote:
: Having also been unable to positively any TACII switchover, I'd
: speculate that possibly it is simplex? Various net.gurus have
: mentioned such usage for tactical frequencies in LA and other
: areas.

: Anyway, to address the current request, PPD had licensed at last
: check:
: 856/57/58/59/60 .2625/.4375/.4625/.7125/.7375
: note that TACII could also be an interagency, and maybe police call
: has it listed under a different local agency. Washington County
: Sheriff recently moved from 460 .375/.150/.525 up to the 800 trunked
: band. An acquaintance (nm7b) relates that they have started sharing
: a system with Beaverton, Hillsboro, and possibly Tigard.

It won't map to any specific frequency. Trunked systems don't have a fixed
frequency assignment for any given channel. The system controller will
continually move groups between all available frequencies. All you can do
is scan among all available frequencies, hoping to follow it as best as
you can.

dgc

1496. Re: McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-01 21:38:43 UTC
From: bds2@psu.edu
Message-ID: <bds2.44.2E6649E3@psu.edu>
Source record: 269526

In article <34574j$6bv@emoryu1.cc.emory.edu> spiel@cc.emory.edu (Stephan Piel) writes:

>No offense, but McDonalds freqs are probably the most boring out there!
>"Two chesseburgers, small coke, large fries!" If you are really
>interested in hearing this though, and can't obtain the freqs anywhere, may
>I suggest that you sit in your local McDonald's and hear the "action"
>live! Of course if McDonald's gets boring there is always Burger King!
>
> -Stephan

At the local McD's the high school kids manning the order windows like to discuss their private lives between orders; who they're dating, what they "do" on the dates, rating the boys, etc. etc. Not that I care, but I was curious what freq the local store used. Happens to be beside a Walmart that I was checking freq's at (both use the standard business band freq's') Sorta like cordless phones -- listen once or twice to say you can do it, then move on.

Brett

1497. Re: need NOAA/weather freqs for northwest

Newsgroup: rec.radio.scanner
Date: 1994-09-01 22:16:07 UTC
From: oscweb@aol.com
Message-ID: <345jr7$bd4@search01.news.aol.com>
Source record: 269527

In article <33mm6p$rk2@hermes.unt.edu>, price@jove.acs.unt.edu (Price Charles) writes:

>
>

You can tell your mother that all of the NOAA broadcast frequencies are found between 162.400 and 162.550 MHz. Just set up your radio to search between those limits, and if there is a wx station close enough - bingo!

Warren Bowery

AOSC SE/NW Ohio Editor

additional address: ov_bowery@noacsc.ohio.gov

1498. Re: McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-01 22:18:02 UTC
From: shawn4sk1@aol.com
Message-ID: <345juq$bdu@search01.news.aol.com>
Source record: 269528

In article <34574j$6bv@emoryu1.cc.emory.edu>, spiel@cc.emory.edu (Stephan Piel) writes:

I live 2 blocks for McD's- there's nothing in between us but houses... I have a 2006 and an All-Band Antenna in my attic- I should hear 'em I'd think... "Two cheeseburgers..." sounds more exciting than Steven's over-welcome-debated-a billion-times response on whether or not McDonald's is really fun to listen to...

Shawn4SK1

1499. Re: No more alt.radio.sca

Newsgroup: rec.radio.scanner
Date: 1994-09-01 22:57:55 UTC
From: dave@frackit.UUCP
Message-ID: <5571@frackit.UUCP>
Source record: 269608

In article <60.7658.5773.0N1ACAE8@canrem.com>, paul.cordingley@canrem.com (Paul Cordingley) writes:
- -=> Quoting Shawn4sk1@aol.com to All <=-
- Sh> From now on I plan to only read and post to REC.RADIO.SCANNER. There
- Sh> are twice as many postings on it in one day than on ALT.RADIO.SCANNER-
- Sh> I don't see the need to see the same half a dozen messages twice when
- Sh> people cross-post (I've been guilty of it myself) knowing most of us
-
- Let's all agree that REC.RADIO.SCANNER is the place for technical and
- factual information exchange - frequencies, antennas, how different radio
- technologies work, etc.

The charter for rec.radio.scanner governs what topics are valid for discussion, not an agreement by the users UNLESS they want to attempt to revise the charter.

- And let's all agree that ALT.RADIO.SCANNER is the
- forum for broader discussion or non-technical issues - laws, freedoms,
- ethics, opinions about commercial practices, etc. Both types of discussions
- are quite valid but each have a time and a place and probably ought to
- function separately.

You cannot assign specific topics of conversation to an alt.* group and expect it to work. alt.propogation is poor enough that there are plenty of people who may want to discuss what you want to limit to the alt group but they have no access to it.

- I don't know much about how Usenet is governed. I gather there is some
- official process far-away to structure newsgroups, but I've always
- preferred grassrooots consensus to official decisions anyways.

You have a bit to learn about Usenet then. There are structures and processes. And for some additional information for you, alt is not Usenet. It has its own rules (damn few) and conventions (ditto) and suffers propogation problems because of its nature.

--
Dave Ratcliffe vogon1!frackit!dave@cse.psu.edu
Harrisburg, Pa.

1500. Re: cordless phones

Newsgroup: rec.radio.scanner
Date: 1994-09-01 23:21:33 UTC
From: berling@alleg.edu
Message-ID: <345nlt$hi5@mustang.alleg.edu>
Source record: 269537

In article <34143m$rbj@search01.news.aol.com> scan911@aol.com (SCAN911)
writes:
> In article <340ssr$8om@ixnews1.ix.netcom.com>, DPalmer@ix.netcom.com
> (David Palmer) writes:
>
> >FYI, in the Golden Stae, we have a law against monitoring >cordless
> phones.
>
> I'd like to see someone challenge it on federal pre-emption. Federal laws
> are designed to supercede state laws. States shouldn't be regulating
> communications. That is the task of the FCC. If it were taken to the
> U.S. Supreme Court, I bet it would be a good challenge....any lawyers out
> there with some insight?
>
> Chuck
> scan911@aol.com

Forgive me for opening the can of worms...I am a Political Science major with emphasis on law, and offer the following: California's law is not designed to deal with communications, but with *privacy*, which is not solely the domain of the federal government.

--
Gordon Berlin berling@alleg.edu
Hershey Vol. Fire Co. Allegheny College
Hersheypark Safety and Security Meadville, PA
Hershey, PA
"Chocolatetown, U.S.A."
"Yes, ma'am, that really is the smell of chocolate in the air."

1501. For sale Yupiteru MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-09-02 00:17:21 UTC
From: rkimmell@teleport.com
Message-ID: <345quh$gga@elaine.teleport.com>
Source record: 269529

I have a mint Yupiteru MVT-7100 with English manual and appropriate mods for sale. $700 + you pay C.O.D. Fedex shipping.

-Rod

--
rkimmell@teleport.com

1502. Re: RADIO SHACK QUESTION

Newsgroup: rec.radio.scanner
Date: 1994-09-02 00:19:25 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep1.191925.2853@hnrc.tufts.edu>
Source record: 269538

In article <343ccd$mt8@jake.esu.edu>, prynda@esu.edu (Barbara Prynda) writes:
> I would like to know if radio shack makes any scanners that have
> a frequency range with no gaps. I am looking for a continous coverage
> scanner with no gaps. I like the AOR 1500. Are the radio shack scanners
> any good?. Any suggestions?
>

The triple conversion units are excellent. I do not know of any continuous coverage RS scanners. The PRO-2006 which is being closed out at $349-369 depending on the dealer goes from 25-520MHz, 760-1300MHz (after a simple modification).

1503. DTMF decoder for PC?

Newsgroup: rec.radio.scanner
Date: 1994-09-02 00:24:43 UTC
From: dhubba@access1.digex.net
Message-ID: <345rcb$mil@access1.digex.net>
Source record: 269539

Does anyone know of a PC-based program that uses a Sound Blaster compatible board to digitize and decode DTMF (touch-tone) digits? I know that there are several boxes available but surely there must be something PC based.

Tnx in advance,

J. D. Hubbard

--
****
dhubba@access.digex.net
J. D. Hubbard
****

1504. 1000 Island NY & Canada

Newsgroup: rec.radio.scanner
Date: 1994-09-02 00:39:14 UTC
From: pcmoyer@naz.edu
Message-ID: <CvH8HF.55t@naz.edu>
Source record: 269621

Anyone have any Feq. for this area. A buddy of mine is going up that way...
Thanks...

1505. Grove No-Tenna comments and experiences?

Newsgroup: rec.radio.scanner
Date: 1994-09-02 01:19:19 UTC
From: gpalmer@blue.weeg.uiowa.edu
Message-ID: <345uin$23l8@blue.weeg.uiowa.edu>
Source record: 269544
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone have any experience or comments regarding the Grove No-Tenna?

Are they doing anything special with coax and/or wire and some clips that a person couldn't pattern and put together themselves for less money? What are they doing: connecting the shield of the coax to one point on the vechile frame and connecting the inside conductor to another point?

If a scanner picks up motor noise and/or interferference from on-board computers, etc. with a portable unit *not* connected in any way to the vehicle (not powered from the lighter, etc.), will that interference be worse with the No-Tenna? Certain VHF fequencies get locked up when the motor and/or computer(s) are running or powered up.

Would you expect the No-Tenna to work better or worse than a duckie antenna suction-cupped to the inside of the glass with a few feet of coax?

Thanks for your comments.

1506. Re: How to make Mot. phone into Receiver?

Newsgroup: rec.radio.scanner
Date: 1994-09-02 01:26:17 UTC
From: g9153402@huey.csun.edu
Message-ID: <345uvp$7tu@nic-nac.CSU.net>
Source record: 269540

Charles Copeland (copeland@metronet.com) wrote:
> The Wall Street Journal reported Motorola phone can be modified into
> cellular receivers. (Setp 1, 1994 ; section B1). The article states
> someone on the internet was passing around this "6 step procedure".

> Anybody got it?

> How about for other cellular phones?

I think I saw it posted in this newsgroup a week ago, but I don't know
of it's still here. I didn't make any copy of it, because I really
didn't even understand it.

1507. Re: Icom R-7000 Mods

Newsgroup: rec.radio.scanner
Date: 1994-09-02 01:52:03 UTC
From: leonbradby@aol.com
Message-ID: <3460g3$f4h@search01.news.aol.com>
Source record: 269542

In article <CvGLvE.676@nntpa.cb.att.com>, parnass@nwsf.ih.att.com (Bob Parnass, AJ9S) writes:

Thanks Bob. You've been a great help. I really do appreciate it.

Leon
Bradby

1508. test mode for pro-39 ???

Newsgroup: rec.radio.scanner
Date: 1994-09-02 01:54:10 UTC
From: lostisle@crl.com
Message-ID: <3460k2$fou@crl7.crl.com>
Source record: 269543

I would like to know if there is a test mode for the pro-39 ???
If anyone can tell me this please e-mail me at lostisle@crl.com

Please send brief description of test mode options or functions
as well.

Thanx for your help

Vic

1509. Re: Mobile Antenna?

Newsgroup: rec.radio.scanner
Date: 1994-09-02 04:02:52 UTC
From: rnelson@nyx.cs.du.edu
Message-ID: <34685c$s24@nyx.cs.du.edu>
Source record: 269548

In article <33tk2j$lp7@casaba.srv.cs.cmu.edu>,
Christopher Dingman <dingman+@cs.cmu.edu> wrote:
>
>I don't know if this is an option for you or not, but a friend and I
>just used a couple of parts from Radio Shack to attach our scanners
>to the AM/FM antennas in our cars (we were most interested in the
>154-158 band, BTW):
>
>1) I went from using a Pro-43 sitting on the dash, to the same '43 on
>the floor attached to the car antenna and get much better reception (of
>course!).
>
>2) My friend went from using a mag-mount antenna connected to a
>Bearcat (mounted mobile) scanner, to using the AM/FM and can't tell
>the difference.
>
Years ago I did the same thing using a "Y" shaped adapter so that the
radio and the scanner could both be hooked up to the car antenna. Worked
fine.

Rick
N7BFP

--
~~~~~~
The earth does not belong to us | Rick Nelson
We belong to the earth | rnelson@nyx.cs.du.edu.
| a student driver on the info highway
~~~~~~

1510. Re: cordless phones

Newsgroup: rec.radio.scanner
Date: 1994-09-02 04:08:05 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Sep2.040805.11536@hpcvaac.cv.hp.com>
Source record: 269547

berling@alleg.edu (Gordon Berlin) writes:
:
: Forgive me for opening the can of worms...I am a Political Science major with emphasis on law, and offer the following: California's law is not designed to deal with communications, but with *privacy*, which is not solely the domain of the federal government.

States are not allowed to override federal law and precedents. This is the case when it comes to cordless phones. The federal courts (I believe all the way to the Supreme Court) have ruled that cordless users "cannot have an expectation of privacy". That was a reasonable ruling, as the person using the phone is broadcasting a signal - even if the signal is intended to be received by only one person. The law that is stupid is the federal law making it illegal to listen to cellular broadcasts - as if there were a difference between cellular and cordless phones (except for the megadollars that the cellular lobby has to buy legislators).

A somewhat reasonable law would simply make it illegal to decrypt broadcast signals. Here, there is a strong attempt to keep the communication private, and it could be argued that these people have an expectation that their communication would be private.

Personally, I think the Communications Act of 1934 (?) is fully sufficient. That law makes it illegal to divulge what you hear to others, or to profit by what you hear - with exceptions noted for some types of broadcasts.

Bill

1511. Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-02 04:23:50 UTC
From: PhillipsJ-cic-is@redstone-emh2.army.mil
Message-ID: <PhillipsJ-cic-is-010994231823@136.205.228.14>
Source record: 269541

Please forgive me if this issue has been discussed before, I was just wondering if it would be possible to get a good sound output from a scanner thru your cars radio speakers. I have a BC55XLT that I listen to going to and from work and the idea popped into my head and I was wondering if it would be feasible. Thanks in Advance for any helpful comments.

--
Jimmy Phillips
Macintosh Network Support Group
US Army, MICOM/SESI

"Beware the monsters of the ID".....Forbidden Planet

1512. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-09-02 04:34:53 UTC
From: mikebo@MCS.COM
Message-ID: <346a1d$fn0@Venus.mcs.com>
Source record: 269545

In article <344jnt$om0@eugene.convex.com>,
David Horak <horak@convex.com> wrote:
>In <davidtCvFozq.3C0@netcom.com> davidt@netcom.com (David Taylor) writes:
>
>>Well, I stopped at a local RS and was looking at their demo PRO-43.
>>It had FCC-ID AA020-300A, ser # A002790, and date code 3A4. Is this
>>your exception? :-)
>
>The ECPA stated that April was the cutoff date and it seems that
>everyone is assuming that the non-mod units *must* begin with 4A4 date
>code. But who is to say *when* the manufacture actually ceased making
>the modifiable units? It could have been earlier than April. Does
>anyone really know for sure? Let's see some concrete evidence here.
>
Does anyone really care what the exact date and time was when they
quit making modifiable units? Isn't it enough to know that if the
unit has a leading 'A' in the serial number it can't be modified?
- Mike
--

Michael Borowiec All tied to their things,
mikebo@MCS.COM they are netted by the strings...
Free to flutter, in memory of
their wasted wings... P.Gabriel

1513. Re: 162.550 mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-02 07:34:15 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Sep1.233415.4496@cmkrnl>
Source record: 269349

In article <CvGIKB.AxK@rci.ripco.com>, glr@ripco.com (Glen Roberts) writes:
> Rob110178 (rob110178@aol.com) wrote:
> : In article <CvFCLE.6u@rci.ripco.com>, glr@ripco.com (Glen Roberts) writes:
>
> : NOAA weather radio transmits on those stations in the US
> : you will hear them on the following frequencys:
> : 162.400
> : 162.425
> : 162.450
> : 162.475
> : 162.500
> : 162.525
> : 162.550
> : Hope it can help ya
>
> Sorry, I only hear them on .400 .475 and .550

Gosh, and FM radio stations broadcast on 88.1 MHz, 88.3 MHz, ..., 107.9 MHz,
but I only hear stations on some of these -- less than half, in fact. I
wonder why that could be?

(Get a clue, Glen. Not all of the WX freqs are in use in all areas. In fact,
in general, it's one per area.)

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

1514. Negril, Jamaica Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-02 11:20:23 UTC
From: doogie@dcsborg.cls.com
Message-ID: <o1V1Rc1w165w@dcsborg.cls.com>
Source record: 269353

On a recent trip to an infamous resort on Bloody Bay in Negril, Jamaica, I brought my Pro-43 along and did a little scanning while sunning on the beach. We were only there a few days, so the list isn't quite complete, and the freqs may not be 100% identified correct, but it's a start! :-)

154.1250 - Hedonism II housekeeping/staff
156.8000 - Boat/water recreation dispatch - Heard various boats being sent to Grand Lido and Swept Away
157.1000 - Grand Lido communicating with their boats
154.6000 - (?) Hotel Security - Hedonism II? Grand Lido? Sandals?
151.6250 - Unable to identify - Maintenance staff?
139.8300 - Phone Patch
137.3600 - Phone Patch
148.8000 - Pager with voice
138.5700 - Phone Patch
139.2000 - Phone Patch

These were the busiest freqs I found. There wasn't much radio activity other than these, although I did find the same cellular freq ranges as the US were in use there. I even checked to see if my cell phone would work in roam mode and found that it did. Didn't make any calls with it though. If anyone can add to this list or identify better any of the above freqs, please do! Enjoy!

1515. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-02 11:44:13 UTC
From: doogie@dcsborg.cls.com
Message-ID: <e5w1Rc2w165w@dcsborg.cls.com>
Source record: 269354

PhillipsJ-cic-is@redstone-emh2.army.mil (Jimmy Phillips) writes:

> Please forgive me if this issue has been discussed before, I was just
> wondering if it would be possible to get a good sound output from a scanner
> thru your cars radio speakers. I have a BC55XLT that I listen to going to
> and from work and the idea popped into my head and I was wondering if it
> would be feasible. Thanks in Advance for any helpful comments.
>
Hi Jimmy,
I've found that those portable CD player to cassette adapters work
great for using the cars speakers for my scanner. You just pop the
adapter into the cassette deck, plug the mini-jack on the wire
coming out of the adapter into your scanner, and listen away! One
thing, you'll need to get a mini-plug mono to stereo converter
so you have the sound coming out of both channels. You can get one
from Rat Shack for a dollar or two. Hope this helps!

1516. Re: Need mx7000 mods

Newsgroup: rec.radio.scanner
Date: 1994-09-02 11:53:16 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <726753518snz@javiaton.demon.co.uk>
Source record: 269551

In article <33u5io$crn@news.cais.com>
paulot@cais2.cais.com "Paulo Teixeira" writes:

> Hi there.Just recently got a Regency mx7000 scanner for my old scanner
> collection.
> Anyone know of any mods/fixes for this neat radio?I'll be mostly
> apreciated...
>
> Paulo,N3MGA

The MX7000 was a cross between the MX5000/AR2001 & the MX8000/
AR2002. It had the coverage of the later models but rather than
the buttons & Signal meter it had previous "case" with touch
keypad of the '5000 and no S meter.

The only mod I can remember is you could speed up the scan rate by
changing the value of a capicitor on the CPU board, this had the
detromental effect of causing problems with the delay for some
reason and if you put a valued capacitor that caused the scan rate
to increase too far the PLL would not lock up very well. (A
problem that occured with the AR2515 hybred to some dgeree).

Fromn memory some of the early AR2002's had the RF boards of the
AR2001 with the addition of a 800-1300MHz board, later models had just
one board - I am not sure what the MX7000 had.

--
Cheers, I'll have a Taylors Landlord please.....
JC
/--\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
\--/

1517. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-09-02 11:53:17 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <726756154snz@javiaton.demon.co.uk>
Source record: 269552

In article <flarsen-290894221521@home.hip.berkeley.edu>
flarsen@garnet.berkeley.edu "Flemming Larsen" writes:

[snip]

> AA020-300*A* is the FCC-ID number. The model number is unchanged: 20-300.

[snip again]

The FCC Code identifier for Radio Shack is AAO not AA0..niggly
I know.....

The following may or may not be of interest to all the PRO-43
watchers out there and comes from the FCC Computer Records....

FCCID: AAO20-300 Application for: Certification

Equipment Classification: Scanning Receiver
Related FCCID:

Grant Date: 04/30/92 Original Grant Date: 04/30/92

Note Code(s) Rule Part(s) Frequency Range(s) MHz
37 15 30-54, 118-174
- - 220-512
- - 802-824
- - 851-869
- - 896-1000

Application Date: 02/10/92 Receipt Date: 04/14/92

Do you want to see the Grantee name (y/n)?: y

AAO Radio Shack A Division of Tandy Corporation
1400 One Tandy Center
Fort Worth, TX
76102 USA

Pause - Hit Return: .

Enter FCCID (Hit Return to end): aao20-300a.....

FCCID: AAO20-300A Application for: Certification

Equipment Classification: Scanning Receiver
Related FCCID:

Grant Date: 12/14/93 Original Grant Date: 12/14/93

Note Code(s) Rule Part(s) Frequency Range(s) MHz
20,99 15 30-54, 118-174
- - 220-512
- - 806-824
- - 851-869
- - 896-1000

Application Date: 09/30/93 Receipt Date: 11/02/93

The following are the "Note Code" definitions..

Enter note code (Hit CR to end): 37

37 This device has shown compliance with new rules adopted under
Docket 87-389 and is not affected by Section 15.37, transition rule.

Enter note code (Hit CR to end): 20

20 All electrical and mechanical devices employed for spurious radiation
suppression, including any modifications made during certification
testing, must be incorporated in each unit marketed.

Enter note code (Hit CR to end): 99

99 The manufacture and/or importation of this device must cease on
June 23, 1999, pursuant to new Section 15.37 adopted in Docket 87-389.

--
Cheers, I'll have a Taylors Landlord please.....
JC
/--\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
\--/

1518. Re: AOR AR-8000 Receiver

Newsgroup: rec.radio.scanner
Date: 1994-09-02 11:57:55 UTC
From: chill@wv.mentorg.com
Message-ID: <347403$s9r@newsgw.mentorg.com>
Source record: 269550
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

I went to my local dealer (Lowe Electronics, Newbury, UK)
yesterday, to buy an AR-8000. However, I was advised by
them to hold off for a while. They (as a small chain of
outlets) had been experiencing problems with the first
batch of receivers the received from AOR. These
faults seem to manifest themselves as cpu lockups - the
display light comes on and the thing locks up, removing
the batteries and then reseting seems to cure it (without
memory loss) and also spontaneous memory corruptions.

Have any of the AR-8000 owners had problems?

--
Chris_Hill@mentorg.com
Mr Paranoid sends me messages, he says that THEY have taken over
my employers; I fool them by disseminating my own opinions!

1519. 200 Channel scanner for sale

Newsgroup: rec.radio.scanner
Date: 1994-09-02 12:03:57 UTC
From: jaorans@pbssi.srv.pacbell.com
Message-ID: <jaorans.21.00BD3C47@pbssi.srv.pacbell.com>
Source record: 269549

Scanner for sale:

Uniden Bearcat BC-200XLT 200 channel programmable scanner.
- 200 channels
- 12 band coverage
- automatic search
- priority channel
- selective scan delay
- display light
- automatic lockout
- track tuning
- direct channel access
- rechargable battery pack
- AC adapter for the unit

Comes with manual and original box.

I've only had this unit about 6 months.

$175 includes shipping.

e-mail: jaorans@pacbell.com

1520. Yupitera MVT-7100 scanner for sale

Newsgroup: rec.radio.scanner
Date: 1994-09-02 12:24:22 UTC
From: mcintyre@imorgan.com
Message-ID: <1994Sep2.122422.23678@is.morgan.com>
Source record: 269556
Cross-posted to: rec.radio.scanner,misc.forsale

I have a 7100 scanner for sale. Barely used, perfect condition.
It includes all accessories in the original box, plus a Radio Shack
loaded antenna.

This scanner goes from 530KHz to 1.650GHz completely continuous.
1000 memories. Multiple modes (FM, AM, etc, LSB, etc), multiple
frequency steps, etc.

This cost me $579 + $35 (customs) + $10 (antenna). It is also no
longer importable into the US.

Selling for $650 (including shipping via normal UPS).

--
Dave "dr question" McIntyre +-----+ ".say you're thinking about a plate
mcintyre@morgan.com | ? | of shrimp.....and someone says to
office : 212-703-2753 +-----+ you 'plate,' or 'shrimp'......"

1521. Re: McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-02 12:48:55 UTC
From: M09@tes.edu
Message-ID: <M09.12.000CD121@tes.edu>
Source record: 269350

In article <347h4b$qhp@search01.news.aol.com> shawn4sk1@aol.com (Shawn4sk1) writes:
>From: shawn4sk1@aol.com (Shawn4sk1)
>Subject: Re: McDonalds Freqs update
>Date: 2 Sep 1994 11:42:03 -0400

>In article <3469il$ov@nyx.cs.du.edu>, rnelson@nyx.cs.du.edu (Rick Nelson)
>writes:

>Thanks, yeah, I have those 150's freqs- can't get a thing... someone told
>me last night that they heard McD's in the 800 band- is there a place
>allocated by the FCC in the 800 band that McD's could possibly use? I
>wouldn't think so, and I didn't find anything there either... well, at
>least not McD's... :-)

>Shawn4SK1

1522. What is the difference between "handset" and "base" frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-02 13:03:08 UTC
From: mpalmer@encore.com
Message-ID: <CvI6xA.KDs@encore.com>
Source record: 269329

What is the difference between "handset" and "base" cellular frequencies?

1523. SW Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-09-02 13:04:58 UTC
From: jlloyd@pluto.cs.clemson.edu
Message-ID: <3477tq$a5s@hubcap.clemson.edu>
Source record: 269330
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

---

Below is a collection of SW receiver reviews written by readers of Rec.radio.shortwave. The number following the brand and model number is the number of readers, who indicated they use this type of receiver.

All credit for these reviews should be given to the readers of this group and not me.

John Lloyd

Radios Reviewed:

AR3000
DAK DMR-3000
Emerson PSW-4010
Grundig Satellit 500
Grundig Satellit 700
Icom IC-R70
Icom R-71A
Japan Radio Company NRD-515
Japan Radio Company NRD-525
Kenwood TS-450
Lowe HF-150
Lowe HF-225
Magnavox 3625
Magnavox AE-3805
Panasonic RFB-65L
Philips AE3905
Realistic DX-342
Realistic DX-350
Realistic DX-375
Realistic DX-380
Realistic DX-390
Realistic DX-440
Sangean ATS-803A
Sony 2010
Sony ICF-5100
Sony ICF-5900W
Sony ICF-7601
Sony ICF-SW20
Sony ICF-SW33
Sony SW-1
Sony SW-15

Sony SW-55
WATKINS-JOHNSON HF-1000

****

Sony 2010 - 3

I found it VERY easy to plug in and start listening. The supplied instructions are adequate for what they do, but are not really enough to really start enjoying the radio. The whip antenna works great at home, but just doesn't cut it at work (way too much metal/interference). Even the supplied wire antenna does not seem to help at work (I have not yet tried it at home (no real need).

****
Realistic DX-342 - 1

I've owned this little radio for about a year now and am really pretty happy with it.

Advantages: Size - Measuring approximately 4 3/4 x 2 5/8 x 1, you can take this little mini anywhere! Even slip it into your shirt pocket!
SW bands - Covers 9 SW bands: 49m, 41m, 31m, 25m, 21m, 19m and 16m.
MW, FM, FM Stereo (thru headphones)
Travel Power lock
Push button control
Runs on two AA batteries or AC adapter
Travel pouch
Carrying strap

Disadvantages: It's an analog unit, guys and gals, no digital display.
No back stand
Antenna does not rotate up

I've had a lot of fun with this little receiver. The SW sensitivity is quite good for my area of the country, Cleveland, Ohio. The speaker has a nice sound and improves thru the earphones. FM stereo thru headphones is great! MW DXing is surprisingly good! I can grab signals from Boston, Chicago, New York and Cincinnati much better than on my Magnavox AE 3625 Digital!

Summary: A nice little travel radio that's fun to fiddle with or take for travel when you're in a pinch. Radio Shack has discontinued this model so you might be able to find it on sale for around $50.00. I love the size! Ideal for travel! I'm

beginning to think that anything larger is too
cumbersome. I do miss the Digital Display and all the
features that go with it: Freq. display, Alarms,
world time display, etc. If I were buying today, though,
I'd consider what else is out there for just a bit more
money. For example, the new Sangean 606 is only
slightly larger and has all the digital features mentioned above that I miss. I
've seen it priced for as little as
$179.95!

****
Realistic DX-350 - 1

I bought this radio when I first started out in shortwave listening
because it was the cheapest thing at Radio Shack. I think I paid $60
for, but I'm pretty sure the price has gone down since then.

Nowadays I mostly use it as my travel radio. Sesnitivity is okay for the
price, but not too great. When I'm at home (western US) I can pick up
the major international broadcasters, but no too much else. On my trips
back East, I've found sensitivity picks up some, but it's still only
fair.

Performance on the AM and FM bands is average, but longwave seems to be
nearly useless. I've never heard any nav beacons on this one, even
though there are several near my house.

Radio Shack sells a reel antenna for about $8, and I picked one of these
up when I bought my radio. It helps reception a little, but not very
much. A much better solution is to wrap a stripped end of a wire around
the the whip antenna, and attach the other end to a metal windowframe.
I've tried connecting my longwire to it, but that just overloads the
receiver (not surprising).

One major problem that I've noted is that the dial markings on some
shortwave bands seem to be off by up to 10 kHz. If you know about it,
it's not much of a problem to work around, but initially it could be
quite confusing.

Overall, this receiver is average for its price. There's no real
surprises, either good or bad. If you really want an inexpensive radio,
go for this one. Otherwise, I would advise saving your money and going
for an inexpensive digital radio.

****
Realistic DX-375 - 1

It costs $99.99 though I got it for $89 since I had a coupon for a
rebate. For the price I think I got a good deal. It has digital tuning
and direct input of frequencies which allows tuning to be a pretty
simple job and not a time consuming act of patience. It uses two C type
batteries... I use rechargable ones and they last a pretty long time..

It is not small enough to carry in your shirt pocket but it could fit in the front or side pocket of an average sized backpack. It is just great when you are walking back home from school/work ... it can be easily carried in one hand as you catch up on the news from BBC/Deutschewelle/Radio Australia/etc.... as you walk home..
I get decent reception of all the `big stations' even indoors and have, on occasion also been able to tune to Radio UAE....

The sleep function is perfect for someone like me who likes to fall asleep with music... the FM sound is pretty good in stereo (headphones)... The AM reception is also fairly good but it has a very high tendency to catch those Bible bashing stations...probably a reflection of the region where I live...

The strap is a little shoddy and I have a feeling I may have to `fix it' soon... I expect it to pop out any moment....
Despite that, I like it...

****
Realistic DX-380 -2

I've owned a DX-380 for about 9 months now and....
It's a GREAT RADIO! However, I should qualify this. I bought it on sale from Radio Shack for the bargain price of $129.95! It regularly retails for $179.95. At $130.00, this radio is a real steal!

About the size of a large paperback book, the 380 is feature packed!

*DUAL CLOCKS
*ALARM WITH RADIO/BUZZER
*60 MINUTE SLEEP TIMER
*DUAL BANDWIDTHS
*DIRECT FREQ. ENTRY TUNING
*TUNING KNOB
*SLEW TUNING
*TUNES IN 1 OR 5 KHZ STEPS
*CLOCK DISPLAYED SEPARATELY
*BACKSTAND
*STEREO THRU HEADPHONES
*CONTINUOUS SW COVERAGE...NO GAPS!
*AUTO SCAN UP OR DOWN
*ANTENNA ROTATES AND SWIVELS
*CARRYING CASE

The sensitivity of this radio is GREAT! With a reel antenna, it's even better! I read another review that said reception was lousy....I think that individual should check his particular receiver as he might have the rare defective unit. MW reception is also outstanding and with a Slect-A-Tenna is greatly improved! Herein Cleveland, I pick up Chicago, Cincinnati, and Pittsburgh during the day WITHOUT the select-a-tenna! With the S-A-T reception gets an added boost!

(these are all 50,000 watt stations)

I have found it to be about the perfect travel size. I would like something smaller, like the 606. This size, however is fine. I've carried hardbound books on jets that are larger. The many features makes up for it's slightly larger size over a mini. It does not have SSB, but I really don't miss it.

All in all, A great radio priced at $130.00! I would not have bought it for the price of $179.95. There are other radios in that price range that ive ya more bang for the buck. At $130.00, it's a great deal! If you can get it at that price, snap it up!

I am by no means an expert, but I have a DX-380 and can give some of my experiences. First of all, I would pay the extra to get the 390 to get the single side band capability. I miss it. I miss it. Also, the sensitivity for foreign broadcasts (I'm in DC) without an external antenna is poor. You get the BBC and some German broadcast relays from Canada transmitters, some south american stuff, and that's it. BUT with a 50 m Cu wire out my 2nd story window attached to the antenna with an alligator clip, I regularly get Abu Dhabi and Australia at night.

****
Realistic DX-390 - 2

Great mid-sized digital portable. Good sensitivity and selectivity. Digital display shows time, frequency, signal strength, and memory location. Covers LW (in 9 kHz steps), MW (in 9 or 10 kHz steps) and SW continuously from 150 kHz to 30000 kHz. FM reception (88-108 MHz) with stereo through headphone jack. BFO control for SSB reception. Built-in timer/clock, 9 programmable memory locations per band, except 18 on SW. Good audio output. RF Gain and AM bandwidth controls. Keypad frequency entry. External antenna, AC-adapter inputs.

A great radio for the beginner or as an upgrade from a smaller and/or analog unit.

Purchased from Radio Shack for $219 in January, 1992.

I have a new Realistic DX-390 (alias Sangean 813??). Seems to be a great value for the price $169 US. I haven't yet heard from someone who can recommend a radio for the same price that is better, and can back it up with facts.

****
Grundig Satellit 700 - 3

Truly a world-class portable, digital receiver. Excellent sensitivity and selectivity. Digital display with two separate clock/timers, signal strength meter, band selection, frequency readout, and user-definable eight-character "name" for each

memorized station. Has RDS circuitry on FM to decode the newly-phased-in system for identifying stations by call letters, format, etc. 512 memory positions, upgradable to 2048. Tunes in .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. Receives USB and LSB. Synchonous detector helps pick difficult-to-receive stations out of the crowd. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz). Excellent audio output, with separate treble and bass controls. Stereo through headphones or external speakers. Line-level out (left and right), external antenna, and 12 VDC-in jacks. Local/DX switch. Built extremely rugged. Multi-national power supply included.

An outstanding performer, and worth the price to a serious SWL or DX'er who requires portability.

Purchased from Universal Radio for $479 in April, 1993.

The Following is a comparison of the SONY ICF-SW77 and the GRUNDIG SATELLIT 700:

Both of the receivers you are looking at are pretty solid. The Sony is slightly smaller and has a somewhat more "finished" feel about it. The Grundig is SOLID with a much better sound. Neither is as good a SW signal receiver as the previous Sony, the '2010 (2001). However, they both have very advanced features; multiple (and in the Grundigs case, expandable) memories with alphanumeric tags so that you have a name as well as a frequency, all sorts of memory grouping and scanning etc. The Grundig has good RDS ident. on it's FM band, but I have a feeling that this isn't used much, if at all, in the US. If you intend to buy second-hand, be very wary of the SW77 - the early version was pretty flakey. The later version is better but still not as good as the '2010.
I think that the choice comes down to "feel". They are both quite complex to use, but both work as advertised. Try 'em both as they have quite distinct operational methods. If sheer performance on SW is the main point for you, compare them with the Sony ICF2010. You'll buy it and save some loot !
For what it's worth, I tried them both and settled on the Grundig. I have my Satellit 700 in daily use and it's performed without a hitch.

My reasons for the choice were:

1. Performance. The Grudig was much better than the early SW77.
2. Sound. I happen to prefer the slightly bassy Grundig sound to the somewhat sharper Sony.
3. Power. The Grundig takes D cells and can self-charge Nicads in the set, which is how I have it set up. (The SW77 used C cells)

They both run down batteries fast. The Sony worse than the Grundig due to it's smaller cells.
4. RDS. I love it and the SW77 doesn't have it.
5. Feel. I like the, I don't know, Germanic solidity and sheer heft of the Satellit. A Satellit with a full load of 4AH Nicads can tip the scales at twice the weight of a SW77. Of course, if drop one on your foot the Sony would be the better bet ! I only use the Grudig about the house. I have a '2010 for the road.

I hope this splurge hasn't clouded the issue for you.

Editor's Note:
I have one of these radios and love it! I sent the following message to someone just after I bought it.

I just recently forked out $500 and bought a Grundig Satalit 700. The sound from the radio is truely impressive! I have always wondered why broadcasters put music on shortwave, because it alway sounded like garbage. However with the 700 I can listen and enjoy the music. The 700 has Bass and Treble controls, which improve the sound quality but the Automatic Gain Control most likely does the most toward improving the sound (I'm not an expert, so this is just a guess!). Anyway my Wife regularly listens to music coming from a 60m band radio station in Guatemala, and can enjoy the sound. However there are some bad points. It is programable, but I have not worked out how to do it yet. Well I tried once and gave up. This is not too bad though, because BBC, Deutche Welle, and about 10 others are stored in a ROM table. And these frequences actual work (i.e. they are the frequencies for North America and NOT Germany).
Also I connected a long wire antenna and found my local AM station on shortwave. I guess the front-end is not good enough to sort the signals out when coming from a large antenna. But don't worry about this either.
If you only want to listen to the biggies like BBC, Deutche Welle, you won't need an external antenna. I am planning to put a Pre-selector between The Radio and the Antenna, and I think this will cure the problem of AM stations on shortwave and cut out some interference. Finally I recommend this radio to you. I'm sure you will have hours if enjoyment from it.

****
Grundig Satellit 500 - 2

Formerly Grundig's flagship portable SW receiver, this is still an excellent piece of equipment. Excellent sensitivity and selectivity. Digital display with two separate clocks (only one displayed at a time), signal strength meter, frequency readout, and four-character user-definable "name" for each memorized station. 42 memory positions. Tunes to .1 kHz

increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. In addition to AM, has three receiving "modes" for LW, MW, and SW: USB, LSB, and "Sync," which should more accurately be described as "fine tuning," as this implementation of synchronous detection operates differently from the Satellit 700 or Sony 2010. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz).
Excellent audio output, with separate treble and bass controls. Stereo through headphones. Line-level out (mono), external antenna, and 12 VDC-in jacks. Local/DX switch.
Built extremely rugged. Power supply included.

An all-around great performer. Now that it's discontinued, many outlets are selling this unit at close-out prices, making this radio an excellent value for the money.

Purchased from Universal Radio for $379 in December, 1992.

I have a Grundig Satellit 500 and am basically satisfied with it. I miss the 512 memories of 700 and 'SSB clarify' control sometimes.

Yes, its 'sync' is exactly fine tuning in 100 Hz steps. However, it is rather simple to make it work similarly to '700 and '2010, because the detector chip is the same in all three. Only a switch with two pairs of contacts is needed. Another design fault, the excessive distortion in SSB mode, can be partly cured by adding two resistors. For serious DX-ers it may be important that the internal ferrite rod cannot be disabled on MW and LW in both 500 and 700, so the in-house noise may become a problem on these bands.

****
Lowe HF-150 - 1

The Lowe HF-150 (sold by Universal and EEB) is a nice compromise. Similar number of cubic inches as the Sony (different shape), but offering some features of the R8. Also the Lowe is made with a mostly solid alumnum case, which is better than the Sony or the Drake. The Lowe has dual antenna inputs (wire or SO-239), record out, audio out, 12vDC in. It can run off any 12V DC battery.
I use 7 aH gelcells which I recharge. The Lowe also takes 8 internal AA nicads *OR* disposable batteries. It will recharge the nicads with a builtin recharger if you plug it into an external power supply. It's a nice semi-portable radio. It has a few ideosyncracies, but you might want to look at it.

****
Lowe HF-225 - 2

I've had an HF-225 for a few years now, and I'm pretty happy with it. I use it mainly for broadcast listening. It's connected to 25m of random wire via a 5m coax run inside the house.

I tried using an ATU to improve the matching between the aerial and the coax, and on some frequencies it gave a (small) improvement in signal strength, but it was such a pain to keep retuning that I gave up using it.

I recently bought a "magnetic longwire balun", and this seems to offer the best of both worlds - improved matching between the wire and the coax, but no retuning necessary. It's rather expensive, though, and it may be that I'd have been just as well off with a home brew transformer on a ferrite ring...

The other potential advantage of an ATU, filtering out of strong signals well away from where you're listening, seems to be completely irrelevant on the HF-225. I've never yet found a case where switching in the attenuator did anything beneficial. The receiver's front end seems to be excellent in this respect.

I've got the sychronous detector option, and I wouldn't be without it. It quite often makes a heavily fading signal quite pleasant to listen to. Pity it doesn't have a selectable sideband option, though - I quite often find myself tuning an AM signal in the LSB or USB modes to try to get rid of an adjacent interfering signal.

Would I buy it again? Yes, unless I decided that I really wanted a receiver which offered a computer interface.

****
Sony SW-1 - 2

I bought an SW1E over a year ago, for listening to broadcast SW and FM at home and while travelling. I like this very small radio a lot. It is maybe expensive for a portable, but the build quality is very good, - everything looks and feels right.
Battery life is good, and the set DOES work with NiCads (2*AA) contrary to the instructions. Reception of broadcast SW is good, either with the whip or clothes-line antenna. I've never noticed any big problems from adjacent channels either. As a bonus, FM stereo reception is good through headphones. Audio quality from the in-built speaker is fair, but you'll want to use phones for noisy environments. The only bug with this radio is the memory capacity - only 10 mems is really not enough to cover ALL of AM and FM.
Summary - if you want a very small portable, and appreciate high quality (and can afford it), I would recommend the SW1E. Note the E, which denotes the SW1 kit without the active antenna and brief case - these add a lot to the price, and I don't rate the antenna too highly either.

****
Sony SW-15 - 1

I bought one of these puppies on impulse the other day (at my age you should give in to the occasional impulse, just so they keep coming). Cost $85; you could probably do better by shopping the discounters.

Specs:

Dual Conversion Receiver, 6 1/2 x 4 x 1 1/2 inches, 3 AA or 4.5v DC.

Nine Bands:

FM: 76-108 Mhz, 10.7 Mhz IF.

SW: 5.775 -6.425; 6.875-7.525; 9.375-10.025; 11.6.5-12.265; 15.00-15.65 17.50-18.15; 21.325-21.975. 1st IF 10.7 Mhz; 2nd IF 455 Khz.

MW: 530 - 1710 Khz; 455 Khz IF.

Analog Tuning dial, volume control, music/news tone switch, 7 position SW band selector. FM/MW/SW select buttons double as "on" switches. "Off" button. "Hold" button to disable "on" (prevents accidental turnons) Slide rule, multicolumn frequency display. Hand strap, foldout stand to hold at angle on table, soft carrying case. Basic shortwave guide. Telescoping antenna. FM/MW/SW "on" and tuning LEDs. Mono earphone jack.

Subjective Review:

I'm pretty impressed. Sensitivity is up there with the Pomtrex [:-)] without the "splatter" of strong stations. Analog tuning dial requires a delicate touch but for me that's part of the fun. Drift seems nonexistent; you get a station and it keeps it without a lot of vernier twiddling. MW performance was surprisingly good, as was FM. I'd recommend it as a starter radio.

****
Sony ICF-5100 - 1

I bought this radio in Kuala Lumpur in 1988, and I'm not sure if it goes by the same model number in other parts of the world. It is a shirt pocket analog tuned radio with coverage from 6MZ to about 21MZ in seven bands. The radio is very rugged and has served me well despite of the physical abuse it has gone through. Because of its small size the speaker is only small and the sound from it it a little tinny, but I used it mainly to receive news in countries without English language news services and in remote areas while camping etc. I recommend this radio to anyone, who considers size the most important factor. Cost was about US$70.

****
Sony ICF-7601 - 2

In some respects this is my favorite radio. No bells no whistles no FM stereo -- just a good solid (feels like a small brick)

analogue unit. It covers AM, FM and has 10 SW bands that cover most of the "out of band" frequencies. Band switching on SW is done by a slide on the front of the radio while buttons are used to switch from AM to FM to SW. The dial is accurate to 5 kHz so is very easy to locate a station. I believe that it was simply the best low cost analogue rig out there. It's still around and can be had for well under $100.00. Grab it!!

I have a 7601 also. Most of its weight is from the batteries and the speaker, giving it better tone and volume than smaller, lighter sets.

As with other cheap analog sets, it wasn't very hot out of the box.

If you "super tweek" the 7601, it's pretty good on AM, but no match for a 2010 or Superradio III. Most of the shortwave bands peaked up well, but I never could get 19 meters working right. As with most analog portables, the whip is part of the RF tuned circuit, so one must be careful to duplicate the exact listening conditions when tweeking the radio. Even the presence of headphones will shift the antenna tuning.

Unfortunately the 7601 picks up FM stations at various places on the shortwave bands. If you're far enough away from FM and TV stations you might have room for an R-390.

When going on trips I usually take my SW-1 because of the convenience of the presets and the reception flexibility provided by the active antenna that comes with it.

****
Sony ICF-SW33 - 1

I've owned this radio (SW33) for about 9 months and use it as my "carrying around the house rig." It was purchased to replace a Sony 7601 that now resides on my desk at college (things electronic can grow legs on a college campus). By far the best features of this unit are its convenient size and excellent performance on all bands, AM, SW and FM stereo. Don't get me wrong -- this is not a DX machine on SW but for listening to the major broadcasters, it's excellent.

The single filter selection seems just about right and tuning on SW is in 1 kHz intervals. This at least gives you a "fighting chance" to move away from interference. That's a major improvement over the 5 kHz that many radios in this price range allow. In addition, the dual conversion design on SW keeps image interference at bay - a major plus for a small portable.

The radio does not have a keypad so entering frequencies is a bit clumsy. However, by entering the middle frequency of each of the major SW bands in the 7 memories (5 memories plus 2 timer

memories) and slewing up or down from those positions you can get around reasonability fast. The SW bands are changed by a combination of 2 keystrokes.

The sleep control (shuts the radio off after 1 hour) can let you be lulled to sleep and the timer alarm can make sure that you get to work on time (radio shuts down after 2 hours if it is turned on by the timer). Setting the radio alarm is very easy - once you have set the clock, but that frankly, is a pain. The clock function, which works very well (combination world/home time), takes at least 7 distinct steps to set it. Fortunately the clock is fairly accurate (looses about 0.2 sec/day) so you don't have to reset it very often. The lighted dial (stays on for 20 sec at the touch of a button) is a nice touch.

Battery life is excellent contrary to the 1994 Passport to World Band Radio (see below). The radio has a battery "gauge" that is activated at the touch of a button radio and shows in the display as a battery icon with 3, 2, 1 or 0 dots inside of the battery outline. It disappears after about 5 seconds. As soon as the number of dots reaches 0, the radio shuts off immediately. I ran a a series of tests with Radio Shacks Super Alkaline batteries and got the following results: 3 dots showed for 37 hours, then 2 dots showed for an additional 11 hours, and finally 1 dot showed for 3.0 hours for a total of 51 hours. (Radio ran 1.5 to 2.5 hours/day with the volume control set at 1/2 volume most of the time). At $2.89 (plus 5% for tax) for a package of four AA batteries (the radio takes 3), that figures out to 4.5 cents/hour which is excellent. This figure differs greatly from that given in the 1994 Passport (25-30 cents/hour). I have no explaination for the difference but I stand by my test values.

Would I recommend this radio to anyone? If you do a lot of band-scanning, forget it; it will drive you crazy. But at about $140.00 plus shipping (NYC mail-order) it's an excellent "second" radio to carry around for listening to the major broadcasters. I like it!

****
Realistic DX-440 - 2

I have a DX-440 and I think it is a good 'dabble' radio but if I ever get serious I will look for a > $500 table model.

I love this radio! It's my main radio and I use it exclusively at home, moving it from room to room. It really is too large for travel

I've found the sensitivity to be tremendous on SW, MW and FM! Very rarely do I need to attach a clothsline antenna! It has continuous SW coverage, a great sounding speaker, BASS and Treble controls, two bandwidths, great sensitivity, good spurious signal rejection...It has all the features I wanted in a starter radio! I bought it about three years ago on sale for $150.00! I still

don't know why Radio Shack discontinued it. If you're
looking for a good starter shortwave radio and can still
find one laying about at a Radio Shack store priced to move,
GRAB IT!

****
DAK DMR-3000 - 1

I bought this radio since they have a 30-day money back guarantee
and I did not know if I would like the hobby or the radio. Good
points: direct-entry tuning, 36 station memories, fairly small so
it is easy to travel with, speaker sound was good, reception was
okay, but improved dramatically with the addition of the Radio
Shack 23' rollup longwire ($8.95). Bad points: only 5kHz tuning
steps, only major broadcast bands tunable (large gaps between
bands), selectivity not so good, no fine tuning, no BFO, no SSB
or CW, poor FM reception. All in all, not a bad radio of $69.90,
however, it left me wanting for more, so I got rid of it.

I have seen a couple of posts asking for a low cost SW receivers.
I have recently bought a DAK Model DMR-3000, for just
$69.90+$6.00 shipping from DAK - a mail order company.
The receiver has a direct access, so you can type in the desired
frequency, and a manual / automatic scanning system. It also has
a dual time clock with alarm and 'sleep' timer. Unfortunately you
can tune only to the commercial frequencies on SW, AM and FM
bands. I have to say though that cheapness comes at a price. The
first receiver I got was defective so I had to ship it back and
ask for a replacement. Now, I received a new one which works very
well.

Compared to my Sony ICF-7601 the DAK unit is an insensitive
brick. The fancy clock and timer features aren't really worth it.
About the only thing nice is the FM Stereo support if you plug in
headphones but the FM sensitivity leaves much to be desired as
well.
Something else to watch for.... That pretty lettering on the
buttons will wear off REAL fast. If you haven't used it much yet
you won't see a wear off REAL fast. If you haven't used it much
yet you won't see a problem. After you've done some tuning you'll
see the pretty arrows disappear from the buttons.

****
Sangean ATS-803A - 1

Since I was now turned on by SWL'ing, I moved up to what most
people agree is the best all-around radio for this price. Good
points: excellent frequency band coverage (150kHz to 30mHz), fine
tuning, good selectivity, BFO for SSB and CW, many scanning
options, lots of accessories included, good AM and FM reception.
Bad points: way too big to travel with, high battery consumption,
synthesizer noise in background all the time, scanning frequently

skipped lots of "listenable" stations that I was able to get by manual tuning (what's the use in scanning, then?). I found that adding a longwire antenna only increased interference and noise while not improving the set's scanning sensitivity. Overall, a fairly good radio for the price...

I have a Sangean ATS803A which I love. Comments to quote me on would be that it's an excellent beginner's radio for the price. Although I've heard that the 818 is the "latest and greatest" in this price/performance category. I especially love the full coverage 150kc-30mhz and the (albeit lo tech bfo) SSB capability.

****
Sony ICF-SW20 - 1

I was in dispair when I could not find a decent travel portable for under $200. However, I accidentally crossed paths with a Sony ICF-SW20 on sale (normally $99, on sale for $49.99) at a local store and had to check it out. It is an analogue set, but since I got a 30-day return policy on it, what the heck? Good points: analogue tuning so no problem with confining 5kHz tuning steps, INCREDIBLE SENSITIVITY - this radio blew the DAK and Sangean away with the number of stations I picked up, good selectivity (no fine tuning knob - all you need to do is turn the tuning knob slowly), tiny size (4"w x 3"t x 1"d), small whip antenna (only 18"), addition of Radio Shack rollup longwire increased sensitivity even more, great low price (if I lose it or its gets destroyed, no problem replacing it), tuning bands are wider than the major broadcast bands, so you do get some utilitiy reception as well as WWV, AM and FM are really sensitive while FM goes from 76mHz to 108mHz so I can pick up some TV as well. Bad points: frequencies cover only seven broadcast bands (I can live with that, though), only monaural earphone included (however, you can get a $1.39 mono to stereo headphone plug), no BFO for SSB or CW, no station memories. All in all, this radio gave me the best price/features/size ratio of the ones I checked out first-hand. It's a keeper for me!

****
Magnavox 3625 - 1

Finally received my Magnavox 3625! Well, I'm certainly happy I purchased this little radio. Sure, it's not top shelf, but it's suitable for travel purposes and gives adequate SW coverage.

Has these features:
Travel Lock
Alarm (beeps, does not turn on radio)
Sleep Timer
9/10 KHz switch - for world travel
12 hour clock (however, when unit is swith to 9 KHz steps 24 hour

clock kicks in)
20 presets - 5 for each band FM, AM, SW1, SW2
Dual time
Auto store - this feature allows the radio to automatically find
the five strongest stations in an area and program
them into the memory of the FM & AM band.
Back stand
Antenna swivels and rotates
Runs on four AA batteries.

Well, the sensitivity is quite good. Steps in 1 KHz increments.
No tuning knob but the slew tuning buttons work just fine. It's
about the size of a paperback book and can be taken anywhere
reasonably well. No carrying strap,
though. The SW coverage is limited but it grabs the major
broadcasters exceptionally well. Example: the 41 meter band is
covered from 7100 to 7300. So if you want to listen to the BBC
on 7325, you're oput of luck.

However, I like to listen to the BBC on 12095 or 15070 European
signals during the day that I cangrab when I attach a long wire.
The 3625 can't tune these freqs. but it can grab 15400 (from
africa) WITHOUT a long wire antenna! I'm pretty impressed.

Bottom line....A GREAT little travel radio for $70.00! Call a
Magnavox outlet if you are interested.

****
Magnavox AE-3805 - 2

Great little digital portable. Good sensitivity, average
selectivity. Covers MW (in 10 kHz steps only), FM (no stereo),
and SW in two "bands": 3200-7300 kHz and 9500-21750 kHz. Built-
in timer/clock (12 hour format only), 5 programmable memory
locations per band. Great for travel use.

Purchased from Damark for $49 in May, 1993.

$50 from Damark closeout -- cheapie category

****
Emerson PSW-4010 - 1

Great analog portable. Good sensitivity and selectivity. Covers
MW, FM (stereo through headphones), and SW in 8 bands (roughly
split out as 13m, 16m, 19m, 25m, 31m, 41m, 49m, and
60/75/90/120m). An excellent travel portable.
This is the same radio as the Sangean SG-789.

Purchased from DAK for $49 in June, 1988.

****
Sony ICF-5900W - 1

Sony ICF-5900W was a good radio in its day, but isn't worth
listing now.

****
Icom IC-R70 - 1

I purchased my R70 in early 1983. It came with a scratched plastic
window for the digital display, which the factory replaced. It is
an extremely sensitive receiver. I installed the FM detector board
option, which is highly useful for Sub-Carrier detection from FM
broadcast receivers in conjuction with the R70's ability to tune
below 100khz without a frequency convertor. The so-called PassBand
Tuning (PBT), in actuality an asymmetrical bandwidth narrowing
control, is very mediocre with the factory 455khz filters. Replacing
the 455Khz ceramic SSB filter with a Fox-Tango FT-44 2.4khz 8-pole
crystal filter (equivolent to the ICOM FL-44) makes the passband
filter work as one would want. The AM 455Khz ceramic filter is junk,
and was replaced with a higher quality "4Khz" ceramic filter from
the long-defunct Radio Plus firm. The actual specs for the 4Khz filter
indicate that it is a slightly asymmetrical filter of 5.6Khz bandwidth,
causing a slight degredation of the "highs" (The original spec is
for a 6Khz bandwidth; the 9Mhz AM filter is a 6-pole device). Inclusion
of both replacement 455Khz filters results in a combined shape factor
of much better than 2:1 on AM or SSB. In addition, the RF amplifier
was enabled for AM broadcast band use, and an MOV was placed across
the AC input for protection against voltage transients. [Actually,
a Transorb would be far better in defending against narrow transients.]
For awhile, I replaced the diode AM detector with a Shottkey diode,
but my ears could detect no difference in distortion, and so the
original AM diode was returned to the circuitry. It's been serviced
once by ICOM for an intermittant problem ($150 ouch). There exists
several modifications to enable selection of the 455Khz SSB filter
whilst in AM mode for additional selectivity.

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YORX AM908 - 1

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Drake R8 - 1

****
Drake SPR-4 - 1

****
Icom R-71A - 2

Eskab & Edvis of Sweden used to offer a Phase-Locked AM (PLAM) detector for
the R-70 and later R-71; they also offer a version for the NRD525. I have
the R71 version. It is a synchronous detector which allows selection of USB
or LSB via the IF filter/BFO offset. The PLAM board phase-locks one of the
R71 local oscillators (I forget which one, probably the BFO) to the AM
carrier. It contains its own product detector. The lock range is not very
large, perhaps +/- 20 Hz. The detector seems to have lower distortion than

the ICOM AM detector.

Compared to ECSSB, aside from the advantages of phase-locking the product detector BFO, the PLAM unit also lowers the corner-frequency of ICOM's low-pass audio filter, giving better bass response than normal SSB mode on the R71. I find that this improves the intelligibility of the signal.

The PLAM board piggybacks in the mounting area for the ICOM FM option board; both can coexist. Installation is somewhat difficult, as it involves connecting over a dozen wires to various boards in the R71.

Eskab & Edvis also offered a 4 KHz 2nd IF crystal filter for the R71. This installs fairly easily in place of the narrow CW filter. It is very much better than the stock ICOM 6 kHz bandwidth, which is wide-open until it hits at cheap ceramic filter in the 3rd (455 kHz) IF.

I don't know if Eskab & Edvis still offer the R-71 PLAM and 4 kHz filter. They used to advertise in the WRTH.

Regarding other options: I believe Sherwood Engineering offers an outboard synchronous detector for the R71 as well as other receivers. The Kiwa MAP unit should also be adaptable to the R71.

Also, Dom Moman of Shortwave Horizons publishes a modification manual, which details mods like enabling the preamp on MW, true pass-band tuning, sub-10 Hz RIT, etc.

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Kenwood R-2000 - 1

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Kenwood R-5000 - 1

****
Kenwood TS-450-1

I know it's not a reciever, but since it has general coverage,I decided to put it in here.The TS-450S iaN amateur transciever that costs little more than a R-5000,and if you have your ham ticket or are thinking about getting it,may be worth checking out if you are in the market for a new toy.I'd be willing to bet the replacement for the 5000 will look just like the 450,just like the 5000 looks like the 450's predacessor,the TS440S.First thing it is EXACTLY the same size as the 5000/440.Unlike the 5000/440,it has an LCD display that is unlike any other I've ever seen.It is almost too bright!The brightness cannot be adjusted,unfortunatly.The 450 recieves in all the standard modes except for fax.It has a"normal"keypad unlike the 5000 and the aggravating CW that is producewhen a major button is pressed can be silenced by y -a simple menuss,you dont have to cut a wire like the 5000he S-Meter is a bar-graph type that I like but some people dont.It also has an Audio meter function that kin baffles me.I still dont know what use it is,but it looks nice!Probably the most notable thing you will observe when using the 450 is the QUIET!It is so quiet,it seems strange the first couple of times you use it.The AGC is non-defeatable and has a fast/slow toggle.It is the strangest

and slowest AGC I've ever seen,on slow the S-Meter just sits there and then SLOWLY goes down.On fast,it just isn't quite so slow.It seems to work ok,but is really odd.The stock filter for AM is a mile wide but you can add the YK88 AM filter but you wll lose the open slot for the 8.83 ssb filter.I'm not sure,but the 450 seems to have the same stock am filter the 5000 has.On SSB,it uses one of the better Murata ceramic filters and is ok but the optional SSB filters are highly recommended.The audio is FANTASTIC on all modes and if you put one of the minimus speakers from Radio Shack on it,you will like it a lot.Dont bother with the Kenwood speakers,the one that goes with the 450 is not too good and is expensive too!The ergonomics are pretty good,except for the tuning knob,yes like all the recent vintage Kenwood rigs,IT DOESN'T HAVE A FINGER HOLE!!Why does Kenwood insist on putting these awful knobs on all the rigs they have made lately!All in all,it is a very good riever in almost all respects,and since t it only costs about $100 more than a 5000,it is worth a lookND as a bonus, the recieve coverage goes up to 40 mhz!If you are into low band scanning,you will hear things on the 450 you never knew existed on your scanner.If you can swing the 450's sister model the TS690,you can recieve all the way to 60 mhz. When the 5000 is put out to pasture,if it's replacement is the 450 without the transmitter,it will be very tough competition for the other makes.All it needs is Sync.detection and you really couldn't ask for much more.

****
Japan Radio Company NRD-515

THE all time most user-friendly recieveof recent vintagHas PBT,analog fine tune,four I.F.bandwiths,AM,LSB,USB,and RTTY modes.There is no squelch but it really doesnt matter much.Of all the recievers I have owned,or ad over here to play with,it is the most sensitive in the SSB modeI have the standard 6 and 2.4 khz filters,and th600 and 300 hz filters whitch are great for RTTY or CW(if you are truly desparate!)The "protection"diodes have been removed due to intermod from a local AM station.The reciever's case,front and back panels are made of Aluminum,no plastic to crack on the 515!The audio in AM is very bad,almost as bad as the Icom R-71a,but in a different way.The audio is "fuzzy"out of the speaker jack,but not too bad out of the record jack but still a little "fuzzy".In the SSB modes,the audio is pretty clear and doesn't fatigue me like the Icom dos far as thergonomics goes,it's almost prefect!All the knobs are the right size,the tuning knob is large and has a nice deep finger hole(Kenwood,are you listening???).The S-meter is big and easily seen across the room.Dynamic range is very good after the diodes have been clipped(a one minute operation).The filters all are good quality and have good shape factors.This was the first "affordable"rig that had a memory option that was worth something with 24 or 96 channels available. The NDH-518 I have(96 ch.)is also made totally out of cast and sheet aluminum and matches the 515's styling.It stores frequency only,unfortunatly, due to the year it was designeIm guessing.There are lots of these recievers floating around on the used market for about $600 or so.Universal seems to have a lot of them passing thrgh the store.

****
Japan Radio Company NRD-525 - 1

This is a great reciever,marred only by bad audio and a hiss that will drive
you bonkers if you have good hearing and a speaker that can put out the highs.
I have had two of these,the first I traded for a sateite setup,and the one I
have now.The newer reciever has mucbetter audio then the first one and lesess
hiss too.Ergonomics are very good MUCH,MUCH better than the Drake
R-8.(IMHO,the Drake is seriously overrated and all the stuff about made in the
U.S.A.is kind of funny cause a LOT of the innards are MADE IN JAPAN!!!)Oh
well,back to the 525,if you are into AM,it's probably not the reciever for you,
but in allthe other modes,it is one of the best consumer grade recievers ever
made.Performance in all modes is basically excellent except fothe audio pr
problem,and stability is rock solid.JRC has only cut a few corners compared
to the 515,probably the ultimate in construction for consumer recievers.
The case is made of very thin sheet metal and the front panel is plastic.The
keys fit loose in the keypad but work ok.The display has four brightness
levels and is very easily read from across the room.The S-Meter is "digital"
and is a floating vertical bar segment that seems to be yellow on some samples,
and green on some others.It is sort of "spastic"and twitched a lot on the
first one I had,but not as much on the seconone.The first 525 I had would
"click" on strong AM signals,but the new one doesn't.The main tuning knob
spins very smoothly and has a nice finger hole.(KENWOOD,WHY DONT YOU LISTEN!!)
All in all, a great reciever.

****
Japan Radio Company NRD-535D - 2

I have been using a NRD-535 for two years and i am very pleased
with it. Although the relative high price makes this a radio
for the serious DXer and maybe not the average Shortwave listener.

The NRD-535 has very good ergonomics. It is very easy to operate
during long listening passes. It has 200 memory channels which comes
in handy for storing interesting frequencies that you want to
check later, or stations that you want to check regulary.

+ side:
On the plus side there is the BWC and the very good sensitivity.
The BWC combined with the PBT makes it possible to make
a station readable that is very close to another station, or
a interfering RTTY transmitter. I find that i mostly uses
the SSB mode and zero tunes the station, and then uses the
BWC and PBT to get the most readable signal. The BWC and
PBT has saved a lot of reports for me. The sensitivity
is excelent. It is among the best in this price class.

- side:
The audio in the built in speaker is mediocre to put it mildly.
A station that you read loud and clear in the earphones can be
inaudible in the built in speaker. The selectivity is not as
good as it could be. The NRD is very sensitive for splatter from
nearby stations, and this can totally drown the station that you
want to listen to. The ECSS option that you can equip your NRD with
is a joke. I have it installed but i NEVER uses it. The only time
you can use the ECSS with any improvement of the signal, is if the

received signal is strong to begin with. Don't waste your money on the ECSS.

The conclusion is that the NRD-535 is a very good receiver for the serious DXer but it has some shortcomings. The 535 is much better than the Icom R-70 that i had before, and i would recommend it to anyone that asked me. What you might want to do is change the filters to somewhat sharper filters. That goes for both the 9 MHz and the 455 kHz filters.

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Yaesu FRG-100 - 1

****
Panasonic RFB-65L - 2

$220 from Universal, EEB, etc. -- my main set, an excellent portable, many features, nice construction and details.

****
Sony SW-55 - 2

This is my principal radio at the present time (I also have the Sony ICF-SW33 and the Sony 7601). This rig is an extremely sophisticated piece of equipment. I especially like the fact that you can store up to 125 frequencies on 25 electronic pages that can be named as you wish (by country). Once programed this is very convenient. The two filter selections are well chosen (much better than the stock Sony 2010 filters). My use the radio to copy WEFAX with excellent results attests to its stability (and that it receives USB and LSB).

The versatile timer/alarm and tape remote feature allow automatic recording with certain tape recorders (Sony and others) of up to five times and frequencies in a 24 hour period. I use this feature all of the time. Audio (stereo on FM) qualitity for a portable is very good; better I believe than the stock 2010 although as with the 2010, it is improved with a set of external speakers.

Unlike the 2010, the SW55 does not have synchronous detection. That's too bad because I believe that if it had this feature it would blow away
tition. As it stands it is an excellent radio. Most interference can be eliminated with the narrow filter or moving away from the interference a bit (the radio is tunable in steps of 0.1 kHz) so the lack of sd is not critical. I really believe that Sony did not include it because it would have then had a very negative impact on sales of the SW77.

Would I buy this radio again. You bet! The only problem I've had in the year an
owned it is that the lettering has worn off the 1, 5, 0 and EXE

keys on the keypad. That should not happen on a $300.00 radio!

I just got a SW-55 for Christmas and find it to be an outstanding radio. Now that I've said that, you should know that I am new to all of this "DX-ing" (is that how you say it?). However, I can tell you that it's reception with the built-in antenna and with the included auxiliary antenna is very good. I found that the radio comes pre-programmed with a number of stations (BBC, Radio Moscow, etc.) and they come in great.

As for your questions, I've found the speaker in the SW-55 to be very high quality, delivering plenty of volume and good sound. There are several "tone" switches (news vs. music setting, etc.) that enhance the reception and its sound. And, the unit is packaged well for travel.

The radio itself has several nice features (I don't know how they compare to other radios since I didn't comparison shop). There are several output jacks that make it easy to connect to external speakers, tape recorders, headphones, etc. There are local/long distance antenna settings. There are lots of ways to set and look at the time (local, UTC, Daylight savings, etc.) There are alarms and sleep settings (for on the road).

The tuning portion is quite nice. The radio of course offers digital tuning (punching numbers in to get to a freq.). But I find that I often use the "analog" tuning dial as well to either fine tune a station or to see what else is out there.

Best of all, the unit is packaged well. As a new user, I have enjoyed the little things Sony has done to make this experience a good one for the new user. Everything from the documentation to the carrying case has made it quick and easy for me to start listening to short wave. Included is a book that is a publishing of all the various countries broadcasting, with their freqs and times. (I gather that these things change quite a bit, but I presume that Sony updates it often)

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Philips AE3905 - 1

In short, in my experience, the AE3905 is no real great shakes. It looks neat as hell, and marks its owner as a man of taste and distinction with more money than brains (like I said, *I* have one). Its shortwave performance is mediocre. Using this in a hotel last February, I found that attaching the included reel antenna caused the radio to overload fairly badly. The batteries don't last very long. The filters included are fair, but you still get a fair amount of interference from adjacent stations (not as bad as some small portables, but not good). I certainly wouldn't want to use this as my primary radio. For portability, it's fantastic. I can listen to the BBC or VoA anywhere. The radio fits in my shirt pocket, although reception in my pocket isn't all that good. In short, the radio isn't worth what Philips charges for it, but if you've got more money than you know what to do with and a desire to have a flashy looking toy, it'll do.

The radio has only recently been available in small quantities in the U.S., and appears to have been discontinued in Europe. I got a reconditioned copy for $179 from the Magnavox factory outlet in Kentucky. Universal lists the radio in their catalog for something like $250 new if I recall correctly. You're not likely to find it anywhere else.

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WATKINS-JOHNSON HF-1000 HF RECEIVER

I will be doing a lot of comparisons to my other receiver, an NRD-525. To give a basis for comparison, the NRD-525 has been upgraded by the following modifications:

ESKA PLAM board with four added filters following the IF strip
Installation of ESKA Aux filter in the NRD Aux position
Installation of the JRC 1.8 KHz filter in the Narrow position
Replacement of RF chokes on the filter board with shielded units
ESKA agc modification

These modifications have improved the shape factor on the NRD's filters from an average of 2.0:1 to 1.7:1 (60:6 dB). The ultimate rejection has improved from about -60 dB to -75 dB. These modifications are noticeable in on the air listening tests. The NRD hiss has been removed.

About two months ago, I bought another receiver, a Watkins-Johnson HF-1000. I didn't really think this receiver would be much better than the NRD, and I intended to return it if this was the case. I was wrong. The Watkins-Johnson receiver is clearly superior to the NRD in on the air listening tests, almost in every case. In rare cases it is a tie. The comparisons are done using an A/B switch that switches both the RF and audio lines so that comparisons can be made quickly on the same signal. Comparisons were all done in ECSS mode with the receiver settings made as close as possible to each other.

I also did some bench testing of both receivers, and the numbers that the tests give are not all that much different for both receivers, with the exception of filter shape factor. The HF-1000 shape factors run about 1.1:1 (60:6 dB). This does not explain the main difference between the comparisons, however. The HF-1000 seems to be superior in pulling out weak signals. I have heard many signals that are muddled and hard to understand on the NRD-525 sound sharp and clear on the HF-1000. Several other points:

AGC: The digitally processed AGC on the HF-1000 is far superior to the analog AGC on the NRD, even with the ESKA kit installed.
Notch filter: Again, the digital IF notch filter is superior.
Audio: The NRD audio has always sounded low frequency and mushy; audio on the HF-1000 is crisp and clear. This is an important item.
Operating: I like the controls on the HF-1000. They are flexible, yet easy to use. The set is a pleasure to operate.
Synthesizer spikes: The NRD has a synthesizer spike every 100 KHz. While these are not all that strong, some of them fall on inconvenient

frequencies, like the propagation beacons on 14100 KHz. There are
a few spikes on the HF-1000 at even 2 MHz points.

The only shortcomings in the HF-1000 I've noticed are the lack of synchronous
detection (this is supposed to be sent out as an upgrade chip later), and
IF passband tuning would be useful in the SSB modes. It is present in CW.

As you have probably guessed, I'm real happy with this receiver. I think
it will be the last one I will have to buy for quite a while.

Watkins-Johnson HF-1000 Review Part 2

Watkins-Johnson SAM option for HF-1000

Recently I received the firmware for installing Synchronous AM
(SAM) detection in my HF-1000 receiver. I was able to install it in
about 1/2 hour and it worked great. In testing it I compared it to the
ESKA phase lock AM board installed in my NRD-525. Here are the results
for strong and weak signals:

Parameter	ESKA+NRD	HF-1000+SAM
Weak signal lock range	+- 20 Hz	+-250 Hz
Strong sig lock range	+- 40 Hz	+-900 Hz

As an on-the-air test I tried to lock onto Radio Pyongyang, 13760 KHz at
1300 UTC. The signal was weak and fading rapidly at 1300 UTC and was being
broadcast on 13760.1 KHz. The HF-1000 was able to lock it immediately even
when set to 13760.000. NRD was not able to lock it at all, even when set to
13760.1. Impressive!

Another modification in the new firmware is a change in the AGC function.
It is now possible to set three decay rates from the front panel for each
AGC setting, Fast, Medium and Slow. In addition it is possible to allow
the manual gain setting to control the AGC threshold while in AGC mode.
This is a great help for the AGC control. I spent many hours trying to
get the AGC decay rates correct on my NRD receiver, and was never happy
with that AGC. This required pulling out the IF board, replacing some of
the SMDs, putting it all back together, and then trying it. Digital AGC
processing on the HF-1000 makes this a snap, taking only a few seconds.

After several months of using this new mode of reception, it is the one
I nearly always use for SWLing and DXing. For weak AM signals it is hard
to beat. If the signal is readable at all, it will be able to lock on it.
By using both sidebands, you end up with a better signal to noise ratio
than with only one sideband. The HF-1000 is even more impressive now
with this addition. The only times that I have had to resort to ECSS on
AM signals is when there is interference on one sideband. Watkins-Johnson
reports that they will have single sideband SAM in the future which will
get around this. There are several other options that they are working on,
one of which is a plug in board for PC processing. I assume this will have
real time spectrum analysis and memory functions built in.

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AR3000 - 1 (More Info is Available by e-mail from (jlloyd@cs.clemson.edu)

My general impression, is that this is anyhow a very good apparate. It offers continuous coverage 0.1 : 2036 Mhz, all mode, RS232 interfacing, quite good operating commands, triple conversion, 400 memories; it is very compact (small tabletop, 1.2 Kg.), semi-portable; its 13 auto-selected front-end band filters reduce to some extent unavoidable intermodulation. In general, this set offers a self contained and very well balanced compromise of a lot of different demanding features, but will show its best when fully interfaced.

Its price, here in Italy, has been varying greatly during the years. Therefore I cannot say how it really competes with the choice of HF receiver + scanner setup. It is still unclear to me how far is the AR3000 from dedicated traffic receivers.

I'm finding a number of defects and "whish it was" that I'm going to list (I would like to hear comments about), but perhaps I'm just pretending too much from a receiver in which something had to be traded off between versatility and performance. Please note that I have a 4 years old AR3000; some defects could have been amelio-rated in the 3000A, or may eventually be specific of my unit.

Hardware limits:

-AM selectivity is mediocre (approx 10 khz bandwidth). I feel the lack of a variable Am bandwidth. SWL in crowded bands is too often spoiled by the 5Khz whistle. Thinking it was a problem of i.f. detuning, I once sent it to the service to have it retuned, but with no perceivable gain.

-In AM I do experience blocking. A strong transmitter mutes any weaker adjacent signal lying some -+30 khz apart. I suspect this may be rather a problem of AGC voltage (see below on squelch), because the feedback signal is obtained from the previous to the last i.f. stage, which may have a larger than necessary (for AM) bandwidth.

-The squelch control (essential in search mode) is not very functional. On my set almost everything passes for knob positions below .3 and only >S6 passes when I increase to .5. It may be a problem of adjustment, but also reflect the inaccurate behaviour of the S-meter, which (I have no measurements to support) seems not properly logarithmic. I have the impression that weak signals give a high S readout when close to stronger ones, because the S-meter averages on a larger bandwidth than the demodulator.
Also, the squelch just mutes the a.f. output, but not the line out signal.

-The internal speaker fidelity is scarce. No tone controls exist. Clarity improves a lot when connected to an external speaker or lineout. No noise reduction circuitry is present. External audio equalization does a lot, but of course is not the cure for low selectivity.

-There is no i.f. direct output for say a spectrum analyzer or a different demodulator (say wide band AM for satellite or TV, stereo FM decoder, sinchro SB AM decoder). A modify could be to buffer it to a backpanel jack.

-Intermodulation IS present. I live very close to power MW transmitter, and in the times they're on the whole band .5 : 2.5 Mhz is unusable, with crosstalk on every possible combination of transmitter frequencies. At evening I sometimes hear sw bc stations crosstalks on 20 : 30 Mhz, even with a short random wire antenna. However, I don't hear crosstalk due to FM transmitters, which are also close to my place. The 13 front end filters seem to do their job, since strong signals don't cause crosstalk out of their respective preselector bands.

-I'm not very satisfied with the small and clicking rotary tuning control. In the AR3000a it has been replaced with a (I guess optically encoded) smooth one. I would rather appreciate a jog-shuttle like the one on VCRs, and the mod itself seems quite easy too.
The tuning is however digital, and stepping frequency causes clicks, which eventually trigger the squelch threshold during search. The final a.f. is briefly muted while stepping, but I prefer the line-out signal which is unaffected and thus has a faster response.

-There is a single antenna input for the entire range. I think this however is correct, because whichever choice on different antennas is entirely dependent on the user setup, and should be rather left to an externally programmed antenna switch.

-Some digital RFI is generated, expecially in the high HF and low VHF. A real antenna connected with a shielded cable and a good earth however wash it out.

-Some small change in sensivity and background noise can be perceived when passing across one of the 13 band boundaries (by the way, they are 0.1-0.5, 0.5-2.5, 2.5-10, 10-30, 30-50, 50-108, 108-136, 136-174, 174-224, 224-335, 335-500, 500-940, 940-2036 Mhz), but this is unavoidable, and also due to the change of the superetherodyne scheme.

Software limitations:

-Scanning is already very versatile for such a small machine. However, auto memory storage of catched frequencies was forgotten. Also, the oddities in the S-metering (see above) impose manual choice when scanning non regularly channellized bands.

-There is a priority channel lookup feature, but the attention threshold has to be the current squelch position. Apparently (see
//ftp.funet.fi/pub/dx/receivers/mods/aor300.mod) in
the 3000a a programmable lookup time was implemented, but it is not present on the 3000.

-The mode and the tuning step change are set with several keystrokes. I feel it quite tricky, expecially considering that I generally have to switch quickly between 50 Hz/SSB, 500Hz/Am, 1.25 Khz/nfm, 50 Khz/WFM. The step x10 command is

very useful, but not enough.

Since the S-meter signal is output on the RS232, and the unit may be fully remotely commanded, all this limits can be cleverly threspassed by an external control software, thought.

I have experienced problems with the 232 interface. The cpu goes crazy very easily when the connector is plugged in/out, unless the "remote" switch on pin 7 is previously operated. This is (I understand) the reason why it was added on the 3000a. When the cpu goes on the moon, one generally has to open the set and to push the reset button (backside of the keyboard), losing all the memories .
Also, I cannot interface the scanner with an Atari St, either because the TTL level Txdata is to low for that serial port or because the continuous output of the S-meter simply is too fast for the Atari bios.
Passing by, note that the RS232 speed can be set to 9600 baud with a switch on the cpu board.
:
--
John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

--
John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

1524. Re: AOR AR-8000 Receiver

Newsgroup: rec.radio.scanner
Date: 1994-09-02 13:22:10 UTC
From: schuster@panix.com
Message-ID: <3478u2$601@panix2.panix.com>
Source record: 269328
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <347403$s9r@newsgw.mentorg.com>,
Chris Hill <Chris_Hill@mentorg.com> wrote:
>I went to my local dealer (Lowe Electronics, Newbury, UK)
>yesterday, to buy an AR-8000. However, I was advised by
>them to hold off for a while. They (as a small chain of
>outlets) had been experiencing problems with the first
>batch of receivers the received from AOR. These
>faults seem to manifest themselves as cpu lockups - the
>display light comes on and the thing locks up, removing
>the batteries and then reseting seems to cure it (without
>memory loss) and also spontaneous memory corruptions.

There is a voltage anomaly due to the circuit design around one of the
regulators. AOR has distributed a fix which involves soldering a simple
diode across a 1-meg resistor. This fixes the problem; all future
shipments should have this installed (until the next board rev comes out
and it isn't nexessary).

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1525. Seeking scanner manuals.

Newsgroup: rec.radio.scanner
Date: 1994-09-02 13:35:18 UTC
From: mtiernan@world.std.com
Message-ID: <Cvl8Ev.8M6@world.std.com>
Source record: 269334

Does anyone know the part numbers of the Radio Shack repair
manuals for the PRO-43 and the PRO-2006? I can't find them and
the local RS outlet is well... as useful as a Radio Shack outlet.

Thanks muchly.
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Is God a performance artist? AOL: M Tiernan or BCS Mike

1526. Re: Way too cool Sony

Newsgroup: rec.radio.scanner
Date: 1994-09-02 13:38:27 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <778513107snz@javiaton.demon.co.uk>
Source record: 269332

In article <tcornish.77.002CED6C@mcs.com>
tcornish@mcs.com "Timothy P. Cornish" writes:

> Back in December I was in a duty free shop in the West Indies and saw a Sony
> portable that looked like a cross between a scanner and a portable
> short-wave. I didn't catch the model number, but I remember it said something
> like "High-Scan" across the speaker. I believe it covered 100kHz to 1GHz
> continuous, with 999 memories and scan and search functions. I was very
> impressed but was not in the market at the time.

Sounds like you were looking at the Sony PRO-80.

Not quite the coverage you mention but 100KHz - 223MHhz and 40
memory channels. VHF Coverage provided by use of a Convertor box
that had to be fitted on top of the BNC antenna connector.

They also did the AIR-7 (or AIR-8 in the States) which looked the
same but did not have SW coverage. That dios not have "Hi-Scan" on
the speaker grill though.

> Now I'm in the market.
> I have been unable to locate anything like it in the local electronics stores.
>
> Can someone tell me what the model number is?
> Is it still manufactured?
> What's it going for in the 'states by mail order? From who?
> Anybody have one? Like it?

Most, if not all Sony dealers should be able to help you. Its
still in the Sony product list.

--
Cheers, I'll have a Taylors Landlord please.....
JC
/---\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
\---/

1527. Re: 2006 Original Equip

Newsgroup: rec.radio.scanner
Date: 1994-09-02 13:38:41 UTC
From: domonkos@access.digex.net
Message-ID: <iRpPkiubGM$1066yn@access.digex.net>
Source record: 269331

In article <9409020347.AA18123@freenet.vancouver.bc.ca>, Jean Gagnon wrote:
>
> Gee, I bought a pro51 last week, and was just about to buy the RS
> multiband antenna... What problems did you experience? Did you have any
> success with a certain type of antenna on your pro51? I target the attic
> of a 2 floors house.
>
> Thanks!
>
> Jean
>

The antenna might overload the Pro-51 if you live near major cities. I live on a hilltop 25 miles north of Baltimore, that's my problem. The 2006 works great w/the antenna, the Pro-51 gets some overload. Try an extended rubber duck antenna like the Diamond RH77CA. I use it for both my 2 meter HT and the Pro-51 and it makes an amazing difference (about 15 inches over all and very flexible). I wouldn't use telescoping types of antennas; too rigid and you can break the BNC plastic mount.

BTW, the Pro-51 doesn't have overload problems in the 29-54Mhz range, just everything above. By overload I mean you'll get lots of images, but the range is improved greatly.

Instead of using the 29.95 RS multiband, how about the cheaper 19" scanner antenna they sell for 17.95? I have that also and it doesn't overload the scanner nearly as much but does increase the range tremendously. The advantage here is the shorter vertical element AND being mounted as high as possible. Use RG-8 cable and a short length of RG-58 (2 feet) w/approp. adapters for the Pro-51. Hope this helps and happy scanning!

Andy

1528. Scanner For Sale: Uniden BC100XL

Newsgroup: rec.radio.scanner
Date: 1994-09-02 14:02:07 UTC
From: domonkos@access.digex.net
Message-ID: <3tpPkiubGYhS066yn@access.digex.net>
Source record: 269333

For sale: Handheld Uniden 100XL, 30-50, 118-174, 406-512Mhz. Excellent condition. $50 takes it.

Andy

1529. Re: SECRET Memo to FBI Director

Newsgroup: rec.radio.scanner
Date: 1994-09-02 14:31:10 UTC
From: glr@ripco.com
Message-ID: <CvIAzz.9H5@rci.ripco.com>
Source record: 269337
Cross-posted to: rec.radio.scanner,alt.privacy

David Mcallister (davemc@dsd.es.com) wrote:
: In article <CvDBxq.J6q@rci.ripco.com>, glr@ripco.com (Glen Roberts) writes:
: >--
: >SECRET
: >2/3/86

: So, Glen, are you planning on telling us what this is all about, and
: what happened?

: --
: DaveMc "Carpe Dinero" -- "Seize The Money"

I thought I did follow up with a fairly comprehensive post.

In short, the FBI never placed any threatening phone calls to me again.

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

1530. Re: rec.radio.cellular?

Newsgroup: rec.radio.scanner
Date: 1994-09-02 14:59:35 UTC
From: tcorso@pipeline.com
Message-ID: <347ekn$9ol@pipe1.pipeline.com>
Source record: 269336

wcross1@minerva.cis.yale.edu (W. Cross) wrote: (amongst other
things)

> Does anyone get posts
>: to alt.cellular-phone-tech?
>
>Nope. My server doesn't even thing this newsgroup
>exists.
>

I've just read some stuuf on this group, perehaps your site is
engaging in a little "R" rated censorship

1531. Re: What is the difference between "handset" and "base" frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-02 15:06:11 UTC
From: domonkos@access3.digex.net
Message-ID: <347f13$3af@news1.digex.net>
Source record: 269338

Mike Palmer (mpalmer@encore.com) wrote:
: What is the difference between "handset" and "base" cellular frequencies?

About 45Mhz...Handsets run 824-849 Mhz, base (cell towers) 869-896 Mhz.

Andy

1532. Bearcat 101 Programming Info Needed

Newsgroup: rec.radio.scanner
Date: 1994-09-02 15:22:30 UTC
From: carmins@dayton.saic.com
Message-ID: <347fvm$4p4@dayuc.dayton.saic.com>
Source record: 269342

I am in need of programming information for a Bearcat 101 scanner.
If you have any information regarding frequency-to-binary conversions
necessary to program this radio, please eMail me.

Thanks!

Steve Carmin, Dayton, Ohio - - eMail:carmins@dayton.saic.com

"Opinions Expressed Are My Own, Not Those Of SAIC"

"obscurum per obscurius"

1533. Modifiable Pro 43's (to be had)

Newsgroup: rec.radio.scanner
Date: 1994-09-02 15:34:35 UTC
From: dcartier@hookup.net
Message-ID: <dcartier.42.2E67460B@hookup.net>
Source record: 269339

For all the American readers whos supply of modifiable Pro-43's are drying up, can I suggest a new supply. Canada. I was at my local radio shack today and checked the date code and serial number on the Pro-43 on the shelf and it was 9A3 and the serial number had *NO* "A" at the begining. The serial number was actually in the low 60,000's. The price was $469.00 can. or about $325.00(?) U.S..

We also still have Pro 2006's in stock at $539.00 Can. or $377.00(?) U.S.

So if you miss out on the local stock just do a bit of X-border shopping. :-)

Dennis

P.S. I'll let you all know when (and if) the 43's and 2006's go on sale eh. :-)

1534. In article bd4@search01.news.aol.com, oscweb@aol.com (OSC WEB) writes:

Newsgroup: rec.radio.scanner
Date: 1994-09-02 15:35:42 UTC
From: jcarter@orl.mmc.com
Message-ID: <347goe$ari@theopolis.orl.mmc.com>
Source record: 269343

```
Try 162.400
162.475
162.550
163.275
173.025

Jim Carter

0 0 000 0 0 000 00 0 0 | James A. Carter | Jcarter@orl.mmc.com
0 0 0 0 0 0 0 0 0 0 00 0 | FCC Lic. KD4PON | These views are my own and
00 0 0 0000 000 0 0 0 00 | 1-(407)356-5879 | are in no way connected
0 0 0 0 0 0 0 0 0 00 | Martin Mariettia | to MARTIN MARIETTIA.
0 0 000 0 0 00 0 0 | Orlando, FL 32855 | Thanks Jim
```

1535. Brett Borowski?

Newsgroup: rec.radio.scanner
Date: 1994-09-02 15:35:59 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <347gov$r23@thecourier.cims.nyu.edu>
Source record: 269370

[restricted distribution]

I'm looking for Brett Borowski-- if you're still lurking
around here, please drop me a line..

hasta

Steve
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

1536. Re: McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-02 15:42:03 UTC
From: shawn4sk1@aol.com
Message-ID: <347h4b$qhp@search01.news.aol.com>
Source record: 269341

In article <3469il$ov@nyx.cs.du.edu>, rnelson@nyx.cs.du.edu (Rick Nelson) writes:

Thanks, yeah, I have those 150's freqs- can't get a thing... someone told me last night that they heard McD's in the 800 band- is there a place allocated by the FCC in the 800 band that McD's could possibly use? I wouldn't think so, and I didn't find anything there either... well, at least not McD's... :-)

Shawn4SK1

1537. !SECRET! Airshow Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-09-02 15:49:51 UTC
From: dingman+@PIE9.MACH.CS.CMU.EDU
Message-ID: <347hiv$8cf@casaba.srv.cs.cmu.edu>
Source record: 269340
Cross-posted to: rec.aviation.misc,rec.radio.scanner

What's the secret? I just called two airshow locations to get their show-control frequencies, and in both cases was told, "I'm sorry, we don't give out that frequency." I spoke with folks at the airshow information number (not surprising that they wouldn't give it out) and at the operations number, and even the tower. No luck. So then I thought, okay, I'll call about the NOTAM and ask Flight Service folks about the freq. Nope, they only have the NOTAM and no frequencies.

Okay, so my question: Why don't they give out the frequency? It's not a major inconvenience since I'll have it ~ 5 minutes after I get there anyway, but I'd still like to know why this isn't given out!

By the way, I wasn't looking for the Blue Angels/Thunderbirds freqs -- I've already got a list of them to scan. :-)

Thanks!

- Chris

+---+
| Christopher P. Dingman |
| Electrical and Computer Eng. Dept. dingman@ece.cmu.edu |
| Carnegie Mellon University (412) 268-7119 |
| 5000 Forbes Ave |
| Pittsburgh, PA 15213 |
+---+

1538. Conn. Tpke. freg. needed

Newsgroup: rec.radio.scanner
Date: 1994-09-02 15:52:49 UTC
From: Elliot <elliotk@delphi.com>
Message-ID: <hg6yOA5.elliotk@delphi.com>
Source record: 269335

I will be traveling on the Conn. Tpke. this weekend.
Anyone know which frequencies I can scan. Hoping to avoid another ticket......
That way I can lose more money at the casino.
Many thanks !

1539. Surveillance Expo 94 and cell phones

Newsgroup: rec.radio.scanner
Date: 1994-09-02 16:19:47 UTC
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Message-ID: <1994Sep2.161947.20706@mixcom.mixcom.com>
Source record: 269358

The following was in an editorial of "Mobile Radio Technology" magazine...

"During the Surveillance Expo '94 to be held Aug. 8-12 in
McLean, VA, American Technology Associates and Ross Engineering
will demonstrate how legal equipment can accomplish what
lobbysists, legislators and FCC regulation-writers tried to
prevent: reception on cellular phone frequencies."

Included in the demo was a cellular phone itself, in "scan" mode.
Did anybody attend this? Did any lawmakers attend?

And before you ask, "Mobile Radio Technology" magazine is NOT
available to hobbyists. You must be an engineer or otherwise
involved in the mobile radio profession.

--
/`-_ kevin.jessup@mixcom.com |
{ }/ Marquette Electronics, Inc | Time for another tea party!
\ / Milwaukee, Wisconsin, USA |
|__*| N9SQB, ARRL, Amateur Radio |

1540. Re: Fastfood Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-02 16:35:09 UTC
From: wwhitby@aol.com
Message-ID: <347k7t$r7o@search01.news.aol.com>
Source record: 269345

P.S. If you want to listen to fastfood resturants, check your frequency list for surrounding businesses. For example, Wal Mart uses 154.570. This is one of the freqs for Burger King, forcing the Burger King in the parking lot to use 154.600. Wal Mart was there first, and had first pick of the freqs.

They do talk about more than just burgers and fries. Especially when business is slow.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

1541. Re: FOR SALE: Scanner books/reference materials

Newsgroup: rec.radio.scanner
Date: 1994-09-02 16:43:25 UTC
From: crisp@netcom.com
Message-ID: <crispCvIH4D.58C@netcom.com>
Source record: 269351
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

In article <1994Sep1.184500.28188@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>crisp@netcom.com (Richard Crisp) writes:
>: >1: LOW BAND SKIP DIRECTORY by Chuck Robertson published by Grove Enterprises
>: > interesting reference to 29.7 - 50.0 MHz frequencies that can be heard
>: > in North America from the Caribbean, Central & South America ans Europe.
>: > Also contains a frequency cross-reference. $5.00 + postage
>:
>: This one may become a classic. Chuck was recently sentenced to 10 years in
>: prison for cultivating marijuana. He may not be doing much publishing
>: in the meantime about current monitoring.
>
>What a terrible waste. I wonder what rapist or murderer they will let out,
>to make room for this highly dangerous plant grower?
>
Word on the street is that he was manufacturing some other things too.
I dunno what it ws he was making but I would be surprised if it was
not amphetamines. No wonder Chuck would write stories like "monitoring
the Pot Cops" etc!

When his place was raided they confiscated his radio equipment and his
papers etc. Apparently some innocent folks that shared frequency lists
with him also got visits by the State Police according to reports I have
been told.

Better watch who you exchange correspondence with these days. I used to
live in a free country, wish it were that way still.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1542. Re: tracing clell-phone calls

Newsgroup: rec.radio.scanner
Date: 1994-09-02 16:51:22 UTC
From: crisp@netcom.com
Message-ID: <crispCvIHHn.61v@netcom.com>
Source record: 269352

In article <1994Aug31.062741.6823@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>dleon@seas.smu.edu (David Leon) writes:
>:
>: Couldn't they also get the tower info from the signal (I suppose it
>: can be read directly from the 911 call, but there must be *some*
>: way to cross reference the phone owner's number with the transmission tower)
>: D Anyway, from what I understand, the tower can figure out the
>: position of the phone within about 15 feet. Apparantly, this is
>: how the cell to cell handoff goes so smoothly. So, what would be the
>: way to cross reference the owner of the phone with tower info)? Is
>: n't there some sort of hi-tech auto alarm that tracks your stolen
>: car using this type of info?
>
>No way. The cell may be able to determine the sector you are in - if
>reflections do not interfere - but there is no way it can tell where
>in that sector you may be. All that can be determined is a general
>location - depending on how strong your signal appears in different
>cells.
>

Actually with satellites and using DTOA (Differential Time of Arrival) techniques a transmitter can be located quite precisely. It is just a matter of spending the bucks to do it. In cases of satellite jamming (a la Captain Midnight/HBO) it is worth the time and energy to do it. If there was some major criminal etc using a cellphone, I suspect the Feds would play that card. I am not sure we will ever know all that was involved in the location and subsequent execution of Pablo Escobar but it was reported at the time he was located by his using a cellphone. Of course just knowing which cell sites were handling his traffic will get you damn close, but they could have used some pretty sophisticated techniques like I mentioned to get even closer.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
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-Will Rogers

1543. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-02 17:08:17 UTC
From: lgenco@crl.com
Message-ID: <0epPkWpGk1jS071yn@crl.com>
Source record: 269344

In article <PhillipsJ-cic-is-010994231823@136.205.228.14>,
PhillipsJ-cic-is@redstone-emh2.army.mil (Jimmy Phillips) wrote:

> I was just
> wondering if it would be possible to get a good sound output from a scanner
> thru your cars radio speakers.

Jimmy -

If you have a cassette player in your car radio, you can use a device
sold by Radio Shack (and other vendors). Looks like a cassette at one
end, of a wire, with a stereo 3.5mm plug at the other end. Design
purpose was to play portable CDs through the car stereo system, but
will work fine with other devices. You may need a stereo - mono
adapter for the 3.5mm plug.

Sorry, I don't remember the RS stock number.

If you -don't- have a cassette player in your car radio, but -do- have
outboard speakers, consider wiring a simple DPDT (or similar) switch
at the speaker wires. One position for the car radio, the other
position for the scanner.

Don't forget to check you local State laws regarding scanners in
automobiles.

Lou

----------Usual Disclaimers Apply----------
Internet: lgenco@crl.com Lou.Genco@LChance.sat.tx.us
Ham Radio Packet: N5SGL @ K3WGF.#SAT.TX.USA tcp/ip: n5sgl@sat.ampr.org
----

1544. Freqs for Placer Co

Newsgroup: rec.radio.scanner
Date: 1994-09-02 17:53:46 UTC
From: randyh@gvgadg.gvg.tek.com
Message-ID: <347ora$46q@gv-gate.gvg.tek.com>
Source record: 269355

I'm looking for a frequency list for Placer county.

Randy

1545. Re: 900 MHz cordless phone evaluations

Newsgroup: rec.radio.scanner
Date: 1994-09-02 18:00:20 UTC
From: dbushong@wang.com
Message-ID: <CvIKoL.97t@wang.com>
Source record: 269356
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.2600,alt.cellular-phone-tech

horak@convex.com (David Horak) writes:

>In <dknodel-010994150235@mac-2961.smith-street.uh.edu> dknodel@uh.edu (David E. Knodel) writes:

>>it has a neat
>>feature in that the phones poll each other even when in standby, and will
>>beep to let you know you've gone out of range.

>The Tropez model has this too and I think it stinks. It lowers the
>battery life considerably if you leave the handset off the base. The
>ability to turn the "polling" OFF would be great. Since the useable
>range of the phone is several hundred feet and I only use it in my
>apartment, when do I need it to tell me I'm out of range????????

If you get out of range and then press the '#' key, it stops the beeping. Does it stop the polling also? Would this lengthen the battery life if you intentionally did this? Has anyone ever tried this?

Dave

--
Dave Bushong
OPEN/image Recognition Products

1546. Re: FOR SALE: Scanner books/reference materials

Newsgroup: rec.radio.scanner
Date: 1994-09-02 18:18:30 UTC
From: kilgore@wichita.tivoli.com
Message-ID: <347q9m$rae@tivoli.tivoli.com>
Source record: 269359
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

In article <crispCvIH4D.58C@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
|> In article <1994Sep1.184500.28188@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill
nelson) writes:
|> >crisp@netcom.com (Richard Crisp) writes:
|> >: >1: LOW BAND SKIP DIRECTORY by Chuck Robertson published by Grove Enterprises
|> >: > interesting reference to 29.7 - 50.0 MHz frequencies that can be heard
|> >: > in North America from the Caribbean, Central & South America ans Europe.
|> >: > Also contains a frequency cross-reference. $5.00 + postage
|> >:
|> >: This one may become a classic. Chuck was recently sentenced to 10 years in
|> >: prison for cultivating marijuana. He may not be doing much publishing
|> >: in the meantime about current monitoring.
|> >
|> >What a terrible waste. I wonder what rapist or murderer they will let out,
|> >to make room for this highly dangerous plant grower?
|> >
|> Word on the street is that he was manufacturing some other things too.
|> I dunno what it ws he was making but I would be surprised if it was
|> not amphetamines. No wonder Chuck would write stories like "monitoring
|> the Pot Cops" etc!
|>
|> When his place was raided they confiscated his radio equipment and his
|> papers etc. Apparently some innocent folks that shared frequency lists
|> with him also got visits by the State Police according to reports I have
|> been told.
|>
|> Better watch who you exchange correspondence with these days. I used to
|> live in a free country, wish it were that way still.
|>
|>
|> --
|> Richard Crisp Cupertino, Ca. crisp@netcom.com
|> (415) 903-3832 wk (408) 253 4541 fax
|> For PGP Public Key, type finger crisp@netcom.com
|> "It is a good thing that we do not get as much government as we pay for"
|> -Will Rogers

As Jack Nicholson said in Easy Rider:

"This used to be one hell of a great country."

Sad, but true.

73,
Jeff, KC1MK

1547. Re: !SECRET! Airshow Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-09-02 18:55:38 UTC
From: ron@fc.hp.com
Message-ID: <347sfa$46m@tadpole.fc.hp.com>
Source record: 269360
Cross-posted to: rec.aviation.misc,rec.radio.scanner

Christopher Dingman (dingman+@PIE9.MACH.CS.CMU.EDU) wrote:

: Okay, so my question: Why don't they give out the frequency? It's not
: a major inconvenience since I'll have it ~ 5 minutes after I get
: there anyway, but I'd still like to know why this isn't given out!

My dad is an ex-Navy F-4 pilot. Even he was unable to get Blue Angels freqs directly from the Blues. Reason given was that they don't want anybody to be able to just dial up their frequency at a show on some handheld tranceiver and spoof them.

Probably a case of feeling more secure than they really are......

Ron Miller
DON'T TREAD ON ME!

1548. Re: RADIO SHACK QUESTION

Newsgroup: rec.radio.scanner
Date: 1994-09-02 19:27:58 UTC
From: linley@netcom.com
Message-ID: <linleyCvIoqM.2Kq@netcom.com>
Source record: 269361

In ye olden post shawn4sk1@aol.com (Shawn4sk1) spake...
>In response to RS having scanners w/no gaps.
>
>Answer: No, they don't. The FCC doesn't allow it.

What about non-US Radio Shack stores where FCC rules mean diddley and radio listening freedom exists.

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur radio: KE6EQZ
-=-=-=-=-=-=-=-=-=-= "Peace through superrior firepower" =-=-=-=-=-=-=-=-=-=-

1549. Re: !SECRET! Airshow Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-09-02 20:10:12 UTC
From: domonkos@access.digex.net
Message-ID: <l3vPkiubGo8B066yn@access.digex.net>
Source record: 269363
Cross-posted to: rec.aviation.misc,rec.radio.scanner

In article <347hiv$8cf@casaba.srv.cs.cmu.edu>, Christopher Dingman wrote:
>
> What's the secret? I just called two airshow locations to get their
> show-control frequencies, and in both cases was told, "I'm sorry,
> we don't give out that frequency." I spoke with folks at the
> airshow information number (not surprising that they wouldn't give it
> out) and at the operations number, and even the tower. No luck. So then
> I thought, okay, I'll call about the NOTAM and ask Flight Service folks
> about the freq. Nope, they only have the NOTAM and no frequencies.
>
> Okay, so my question: Why don't they give out the frequency? It's not
> a major inconvenience since I'll have it ~ 5 minutes after I get
> there anyway, but I'd still like to know why this isn't given out!
>
> By the way, I wasn't looking for the Blue Angels/Thunderbirds freqs --
> I've already got a list of them to scan. :-)
>
> Thanks!
>
> - Chris
>

Chris,

I guess it's their butt-headed mentality. I called a local Maryland control
tower to get their long/lat positions for a flight simulation scenario
I was developing and they refused to give it out (like anyone couldn't
drive over there w/a GPS unit in-hand). Perhaps it's paranoia, who knows....

Andy

1550. Re: tracing clell-phone calls

Newsgroup: rec.radio.scanner
Date: 1994-09-02 20:10:25 UTC
From: domonkos@access.digex.net
Message-ID: <a7vPkiubGwc9066yn@access.digex.net>
Source record: 269364

In article <crispCvIHHn.61v@netcom.com>, Richard Crisp wrote:

> Actually with satellites and using DTOA (Differential Time of Arrival)
> techniques a transmitter can be located quite precisely. It is just a matter
> of spending the bucks to do it. In cases of satellite jamming (a la
> Captain Midnight/HBO) it is worth the time and energy to do it. If there
> was some major criminal etc using a cellphone, I suspect the Feds would
> play that card. I am not sure we will ever know all that was involved in
> the location and subsequent execution of Pablo Escobar but it was
> reported at the time he was located by his using a cellphone. Of course
> just knowing which cell sites were handling his traffic will get you damn
> close, but they could have used some pretty sophisticated techniques like
> I mentioned to get even closer.
>
>
> --
> Richard Crisp Cupertino, Ca. crisp@netcom.com
> (415) 903-3832 wk (408) 253 4541 fax

Imagine a system of towers spread throughout the country that along with
their primary carrier service they also enclose electronically rotatable
antenna arrays used for remote triangulation of mobile/stationary
transmissions. Sound familiar? Seen these? Ooops, did I just give
something away? Me and my big mouth...

Andy

1551. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-02 20:25:55 UTC
From: sarek@cais.cais.com
Message-ID: <3481oj$h40@sun.cais.com>
Source record: 269357

If you have a tape player, buy one of those CD Player adapters
that go into a cassette deck. Plug the wire into the headset
part of your scanner.

Scott

1552. Re: !SECRET! Airshow Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-09-02 21:11:10 UTC
From: bewaga@mailmaster.chvpkh.chevron.com
Message-ID: <9409021311.AA10684@pilot.chvpkh.chevron.com>
Source record: 269362
Cross-posted to: rec.aviation.misc,rec.radio.scanner

In article <347hiv$8cf@casaba.srv.cs.cmu.edu>, dingman+@PIE9.MACH.CS.CMU.EDU (Christopher Dingman) writes:

> What's the secret? I just called two airshow locations to get their
> show-control frequencies, and in both cases was told, "I'm sorry,
> we don't give out that frequency."
>
> Okay, so my question: Why don't they give out the frequency?

Chris,

I think it's because they don't want that frequency to get used (accidentally or intentionally) by people with TWO-WAY radios. There was an incident 2 years back at the Reno Air Races where some kind soul in the stands took it upon himself to direct traffic when two planes wanted different ends of the same runway during a declared emergency. Result...big, expensive plane in the weeds. Fortunately no damage, or injuries. At any rate, I think it gave the organizers a new appreciation for what might happen with hand held radios in the stands. Picture, if you will, someone setting their radio down in such a way as to depress the talk button. Nobody else will be able to use that frequency.

Generally I think people who own two-way aircraft band radios are smart enough to know about these potential problems and avoid them, but it only takes one to cause a problem. As you point out anyone who really wants to know will find out some way or other.

By the way, in addition to the airshow frequency you will find each performer, and each race crew has a frequency too.

Bill Garnett
Air Race Fanatic
P-51, Cadillac of the sky!
bewaga@chevron.com

1553. Re: Surveillance Expo 94 and cell phones

Newsgroup: rec.radio.scanner
Date: 1994-09-02 22:08:10 UTC
From: dcfleek@adpc.purdue.edu
Message-ID: <3487oa$ivk@mozo.cc.purdue.edu>
Source record: 269369

In <1994Sep2.161947.20706@mixcom.mixcom.com>, kevin jessup
<kevin.jessup@mixcom.mixcom.com> writes:
>
>The following was in an editorial of "Mobile Radio Technology" magazine...

Text deleted.

>And before you ask, "Mobile Radio Technology" magazine is NOT
>available to hobbyists. You must be an engineer or otherwise
>involved in the mobile radio profession.
>

Mobile Radio Technology is available to anyone who doesn't qualify as a radio professional for a fee of $30/year. As a Ham, I find the articles to be interesting.

>--
> /`-_ kevin.jessup@mixcom.com |
> { }/ Marquette Electronics, Inc | Time for another tea party!
> \ / Milwaukee, Wisconsin, USA |
> |__*| N9SQB, ARRL, Amateur Radio |

Dan Fleek
N9PNA
WFD FF/EMT-D
Purdue University
dcfleek@adpc.purdue.edu

1554. Re: SECRET Memo to FBI Director

Newsgroup: rec.radio.scanner
Date: 1994-09-02 22:31:10 UTC
From: glr@ripco.com
Message-ID: <CvIx7z.Iu2@rci.ripco.com>
Source record: 269371
Cross-posted to: alt.2600,alt.2600hz,rec.radio.scanner,alt.privacy,alt.radio.scanner,comp.org.eff.talk

Jason Kronz x8645 p5412 (jkronz@pts.mot.com) wrote:
: Glen,

: Please give us all a break... Most of the people have lengthier records
: than you... Your nothing special.

: -jason

Well, fuck you too.

1555. Re: DTMF decoder for PC?

Newsgroup: rec.radio.scanner
Date: 1994-09-02 22:36:31 UTC
From: glr@ripco.com
Message-ID: <CvIxGv.IyI@rci.ripco.com>
Source record: 269372

J. D. Hubbard (dhubba@access1.digex.net) wrote:
: Does anyone know of a PC-based program that uses a Sound Blaster
: compatible board to digitize and decode DTMF (touch-tone) digits?
: I know that there are several boxes available but surely there must
: be something PC based.

: Tnx in advance,

: J. D. Hubbard

I wired up a nice little one... but people tell me to shut up when I
post in this area, so I'll just keep it to my self.

Hint: Ask SSI for the datasheet on their DTMF decoders.
--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

1556. aor ar-8000

Newsgroup: rec.radio.scanner
Date: 1994-09-02 22:39:00 UTC
From: ronald@prins.xs4all.nl
Message-ID: <090294223911Rnf0.78@prins.xs4all.nl>
Source record: 269376

I'm interested in the new aor receiver ar-8000. Can someone compare
this scanner with a yupiteru 7100 or aor 3000a. I'm not interested in
SSB, and < 30 MHz stuff. I already know all the great things it can
do, just want to know if there are intermod/overload problems..external antenna
etc.

Thanks!
BTW How much do you have to pay for it in the US?

Ronald Prins.

1557. New 39 RS SCANNER For Sale 9

Newsgroup: rec.radio.scanner
Date: 1994-09-02 23:41:50 UTC
From: ligosa@pipeline.com
Message-ID: <348d7u$pa3@pipe3.pipeline.com>
Source record: 269365

For Sale:

From the new line of RS scanners, The PRO 50
sells new for $139.00

I'm asking $99.00+ shipping
Mint condition in the box w/manual
New Small and lightweight design
20 channels, search, priority channel, lockout, monitor memory,
delay
Full lighted display
Can be seen in the new catalog on page 27

Great scanner for having your 20 favorite most listened to
frequency's at hand

Selling because I'm getting a Pro43.

Contact Chris
CIS# 74722,3146
or Internet address ligosa@pipeline.com
or call 718-642-1087

1558. Looking for scanning CB transceiver.

Newsgroup: rec.radio.scanner
Date: 1994-09-02 23:52:02 UTC
From: youngqud@ucs.orst.edu
Message-ID: <348dr2$cqg@gaia.ucs.orst.edu>
Source record: 269366
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.swap,rec.radio.cb

I am looking to buy a handheld CB transceiver with scanning capabilities. Can anyone recommend a good mail-order source for one of these ? A used one would be OK too. I could prbably find one at my local Radio Shack, however, I have learned that the prices of Radio Shack can be a lot higher than mail order companies.

Thanks.

Dean Youngquist | youngqud@teleport.com | Contact me if you |
428 N.W. 9th Street | Phone: (503) 758-6230 | need SIMM boards |
Corvallis, Oregon 97330 | Fax: (503) 758-5331 | for your RAM chips |

1559. New RS Nicad Cahrgers

Newsgroup: rec.radio.scanner
Date: 1994-09-03 00:13:22 UTC
From: an73563@anon.penet.fi
Message-ID: <002304Z03091994@anon.penet.fi>
Source record: 269380

Layman's Evaluation of the Radio Shack Ni-Cd Charger/Conditioners
23-242 and 23-243

In the Health Crazed society we live in today, it was only a matter of time before someone became concerned with the health and well being of our dear friends, the NiCd battery.

The two chargers I am going to evaluate appear in the 1995 Radio Shack catalog. Each has its strengths and weaknesses.

These chargers are unique in that they first _discharge_ the batteries before beginning the charge cycle. This is important, as it will help prevent or eliminate the "memory" effect that plagues nicads.

First on the list is the 23-242 4 cell AA nicad charger.

Regrettably I lost the manual for this one so I can give you very little tech-nical data on it.

The charger comes as a self-contained unit. The entire thing pluge into a wall outlet. It has an indicator for charge and discharge, as well as a push button that begins the cyccle.

The process is totally automatic. You push the button, and it goes.
The discharge cycle runs for an hour, at which time charging begins.
Two hours later, (3 hours total) you will have four freshly charged nicads ready for use.

Observations: It is important to use the batteries in your device until they run "dead". The charger _appears not_ to totally discharge a set of batteries that are charged completely. The one hour discharge time is insufficient to do the job there.
Also, the batteries get rather warm during the process. I wonder if the high current used in the process in the long run may damage the batteries.
Also, it appears that the unit runs in a constant current state during the process. It sucks them dry, then slams them full of juice when charging. (I have not tested this, and cannot tell you the actual process used)

Advantages: The process is automatic... No need to watch over and pull the plug when the batteries are full.

In 3 hours your batteries are fully charged, ready to go.

Status lights to tell you what it is doing.

Disadvantages: 3 hours? Is that a little too much current being put to the cells?

You _must_ charge 4 batteries at the same time.

The unit _only_ accepts AA size batteries.

Next on the list is the 23-243 charger.

This unit is a 4 cell unit. It will attend from 1 to 4 AAA-D size cells in any combination, or charge 2 9 Volt size batteries. 9 volts take up 2 charging chambers.

This unit comes with an AC to AC adaptor, which plugs into the unit. This unit has 4 leds as charge indicators, and one LED indicating the discharge cycle. There is a slide switch that allows the user to select the discharge or charge cycle.

With this unit, the process is NOT automatic. You must select the process you wish to have it do, and you _must_ watch the time! This unit will overcharge batteries if you do not take them out when they are supposed to be done.

The manual says ALL batteries will be done discharging in 2 hours. Again, it will not totally discharge batteries put into it on a full charge. Use them first.
Also, it claims ALL batteries will be done charging in 7 hours. I have found AA cells are done in 6 hours, and 9 Volts in about 16 hours. I noticed an odor from the AAs after 7 hours.... Could this be an indication of overcharging? 6 hours seems about right, following a discharge cycle.

Advantages: This unit attends to all nicads, except N sizes.
This unit doesn't require you to fill all four charge bays...
You can charge one cell if you wish.

Disadvantages: The discharge cycle is timed. The charge cycle is NOT. You must pay attention to the batteries, and not let them overcharge. Not a unit to use while you are away in Nebraska on vacation :)

No automatic process switching. You must tell it if you want it to charge or discharge..

Overall Comments:

I had four cells on their deathbeds. One had a bad memory problem, and 3 were close. After using these units with them, all four cells _appear_ to have been returned to a regular service life. While, this is premature and I need to time their charge life to known good cells as well as do voltage tests, so far they seem to have been saved from the trash can for the time being.
I use nicads extensively. I have about 7 items I use very often that require the constant use of batteries. These units cut down on the time they need to be "cooking up", as well as give me the satisfaction that I

know I am getting a set of batteries all equally charged and ready to work for me.

Prices: The prices are about $17 for the AA charger and $22 for the larger unit.

Recommendations: Buy the AA charger if you exclusively use AA cells. If you have other sizes, buy the larger unit for them and _still_ get the AA unit for your AA cells. I have both, and they now have taken over all of my charging tasks, except for my 9 volts, which are kept in my old, regulated, charger after the discharge/charge cycle in the 23-243 unit is done.

This file may be distributed, provided it is kept complete, including the date of release, as well as my IDs.

Date of release: 01 September 1994

Send comments or questions to:

Jwilkerson@delphi.com
jwilkers@freenet.columbus.oh.us
john.wilkerson@tcr.com

... Gravity: It's not just a good idea, it's the law!
___ ADQwk/OS-9 32a

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

1560. Re: First Scanner, Need Help!

Newsgroup: rec.radio.scanner
Date: 1994-09-03 00:36:25 UTC
From: mulligan@ACM.ORG
Message-ID: <348ge9$f58@hopper.acm.org>
Source record: 269367

eth@tiamat.umd.umich.edu wrote:

> ... can some point me in the direction of a list of freq divisions
> by the FCC, especially the location of cordless phone freqs

Look into oak.oakland.edu:/pub/hamradio/docs/misc for the files:

scanner.faf FAF - Frequently Asked Frequencies
Details of the most often requested bands. Includes channels, frequencies, and usage notes for: cellular, cordless, mobile & aero phones; television; citizens band; GMRS; railroads; marine VHF; NOAA weather.

fcc.allocations FCC Frequency Table Summary
A summary of the FCC Table of Frequency Allocations for the 30 - 1300 MHz range. Since it boils 90 pages of data down to 160 lines, a little detail has been lost <g>, but it will guide a scanner user to what's where.

(the 01 Sept 94 versions are pending in /pub/hamradio/incoming). The files are also available on the CIS Hamnet Forum, Lib 2, under the names FAF.TXT and FCCTBL.TXT
/* barry /&

1561. Re: Seeking scanner manuals.

Newsgroup: rec.radio.scanner
Date: 1994-09-03 00:37:17 UTC
From: mulligan@ACM.ORG
Message-ID: <348gft$f58@hopper.acm.org>
Source record: 269368

mtiernan@world.std.com asks:

> Does anyone know the part numbers of the Radio Shack repair manuals
> for the PRO-43 and the PRO-2006?

Call: Tandy National Parts
900 E. Northside Dr.
Fort Worth TX 76102
(800) 442-2425
(817) 870-5600 (from outside the US)

Give them the catalog numbers of the radios (20-300 for the PRO-43, 20-145 for the PRO-2006) and ask for the Service Manuals. They'll cost approx. $6-8 ea. Natl Parts takes plastic, ships immediately, and is the best run division in Radio Shack (damning with faint praise <g>). Your local store would call the same office, but they may charge a markup and will probably botch the order (as you have discovered).
/* barry /&

1562. Re: Looking for scanning CB transceiver.

Newsgroup: rec.radio.scanner
Date: 1994-09-03 01:24:03 UTC
From: dirkofpa@aol.com
Message-ID: <348j7j$5qj@search01.news.aol.com>
Source record: 269373

In article <348dr2$cqg@gaia.ucs.orst.edu>, youngqud@ucs.orst.edu (Dean Youngquist) writes:

Dean,
I don't know of any that you can get through mail order, however, there is a CD shop down here near where I live and they have a REAL NICE portable scanning CB radio with a headset, Vox, Extra channels and the whole 9 yards. Please note, however, that this unit is for professionals (Not like the 49Mhz units found at radio shck for 69.00). Although the radios aren't EXTREMELY expensive, they are over $100 in price. I was gandering at them the last time I was down there and they still have some in stock. Note again, that these have PRIVATE channels pre-installed so that you can switch to private frequencies (with handhelds of the same make supporting the extra channels).

If these sound interesting to you, Email me via internet by: Dirk of PA@aol.com
or leave a message here, or call my automated receptionist at:
(412) 458-0622 Fax/Voice/Data 14.4 v.42bis

-Warm regards
-Dirk

1563. What about the PRO-35??? Nothing?

Newsgroup: rec.radio.scanner
Date: 1994-09-03 01:28:03 UTC
From: dirkofpa@aol.com
Message-ID: <348jf3$5sj@search01.news.aol.com>
Source record: 269374

I have been reading the countless hundreds of postings in this newsgroup regarding scanner modifications but have yet to find ANYTHING pointing to the Realistic PRO-35 model. Are there no mods for this unit? Is this thing so antiquated that nobody even refers to it any longer??

I also am looking for a decently priced hand-held scanner with 800 Mhz coverage for sale. Email me.

Thanks! - Happy Scanning!!

-Dirk

1564. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-03 01:30:04 UTC
From: mervins@aol.com
Message-ID: <348jis$5u0@search01.news.aol.com>
Source record: 269375

In article <PhillipsJ-cic-is-010994231823@136.205.228.14>,
PhillipsJ-cic-is@redstone-emh2.army.mil (Jimmy Phillips) writes:

>>Please forgive me if this issue has been discussed before, I was just
wondering if it would be possible to get a good sound output from a
scanner
thru your cars radio speakers. <<

I have just what you need! The Power-n-Play is designed to provide power (4.5, 6 or 9 volts) and FM transmission for portable CD players in cars. Plugs into your cig lighter and broadcasts FM stereo to your car radio. CAUTION: includes 5 coaxial plugs for power but my power cable was not properly labeled as to TIP and RING. NOTE: buy stereo to mono adapter for your scanner to get sound on both sides. Available at WAL-MART for about $29.

Avoid the noise and wear caused by the cassette adapter.!

1565. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-09-03 02:07:50 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778545516@f747.n115.z1>
Source record: 269377

-=> Quoting David Horak to All <=-

DH> The ECPA stated that April was the cutoff date and it seems that
DH> everyone is assuming that the non-mod units *must* begin with 4A4 date
DH> code. But who is to say *when* the manufacture actually ceased making
DH> the modifiable units? It could have been earlier than April. Does
DH> anyone really know for sure? Let's see some concrete evidence here.

David...
Just for clarification, it was the TDDRA that imposed the cutoff
date...not the ECPA.

There is that possiblity that some units were manufactured to be
non-restorable before April, 1994. There are several units with 3A4 that
are still restorable. The '2030 was non-restorable before April, as
reported on CompuServe Hamnet.

My feeling...on the '43, they manufactured all of the restorable units in
March to use up the inventory of the CPU's. I'm sure Tandy didn't want to
throw away good money by trashing the chips.

Unfortunately, I don't have any concrete evidence on this.

Jerry

1566. Re: test mode for pro-39 ???

Newsgroup: rec.radio.scanner
Date: 1994-09-03 02:11:07 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778545517@f747.n115.z1>
Source record: 269378

-=> Quoting Victor Churchill to All <=-

VC> I would like to know if there is a test mode for the pro-39 ???
VC> If anyone can tell me this please e-mail me at lostisle@crl.com

Vic...the unit does not have any test modes. These are the only units
that do have test modes and are made by Uniden. (some for Radio Shack)

Pro-23
Pro-46
Pro-51
Bearcat 150
Bearcat 220
Pro-2026

Jerry

1567. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-03 02:13:36 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Sep2.181336.4503@cmkrnl>
Source record: 269379

In article <e5w1Rc2w165w@dcsborg.cls.com>, doogie@dcsborg.cls.com (Doogmeister) writes:
> PhillipsJ-cic-is@redstone-emh2.army.mil (Jimmy Phillips) writes:
>
>> Please forgive me if this issue has been discussed before, I was just
>> wondering if it would be possible to get a good sound output from a scanner
>> thru your cars radio speakers. [...]

> I've found that those portable CD player to cassette adapters work
> great for using the cars speakers for my scanner.

Agree - it works great.

Someone else suggested using something like a Rat Shack "Silent Play"
(an FM stereo transmitter/receiver pair; you can throw away the receiver)
to pipe the sound into the car FM tuner. There are numerous other gadgets
like this on the market, intended to let you do things like play your Walkman
through the FM stereo radio in rental cars, but the Rat Shack unit is by far
the cheapest. However I wonder about having a transmitter that close to the
scanner -- even though it's a very weak transmitter, it's also going to be
VERY, VERY close, and might cause receiver desensitization through front-end
overload. At $15 or so for the Silent Play it isn't that expensive to find
out...

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

1568. Re: RADIO SHACK QUESTION

Newsgroup: rec.radio.scanner
Date: 1994-09-03 02:43:36 UTC
From: steven@sgb.oau.org
Message-ID: <CvJ8wq.Exn@sgb.oau.org>
Source record: 269381

Shawn4sk1 (shawn4sk1@aol.com) wrote:
: In response to RS having scanners w/no gaps.

: Answer: No, they don't. The FCC doesn't allow it.

Actually the truth is Radio Shack does not, but in Canada (InterTan)
or UK (Tandy UK), they _might_ and there is *nothing* to prevent you
from importing scanners from foreign sources.

Oh, oh, there are people who say its illegal, but don't listen to
them, there are also dealers who guarantee delivery or you don't
pay a cent!

Importing them is the way to go -- and with the scanner ban in the
US, it's the only way to obtain INTERNATIONAL models.

We need to spell out a message LOUD and CLEAR to the idiot dealers
in the US that they ARE losing sales, _not_ may lose sales, and short
of getting a rider on the next FCC funding bill removing the present
restrictions, that business in the U.S. will dwindle until it is
no more!

Additionally, *if* they were to attempt to stop imports, they would
need to change the law from banning import for use to banning import for
possession, which would get very ugly considering the number of
scanners already in the U.S. Furthermore, if this were to happen, I
would be all for getting the other countries to take action against
the U.S. with sanctions and other forms of action to discourage any
such discrimination of INTERNATIONAL scanning receivers.

What does it take to get a rider to remove the restriction on the
NEXT FCC funding bill? I mean if they are ordered to accept such
units into the U.S., they would have to change their rules (I think
they call it "amend") to accomodate them, right?

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

1569. Re: PRO-51 goes bye bye

Newsgroup: rec.radio.scanner
Date: 1994-09-03 02:56:09 UTC
From: steven@sgb.oau.org
Message-ID: <CvJ9Hn.EzI@sgb.oau.org>
Source record: 269382

Andy Domonkos (domonkos@access.digex.net) wrote:
: In article <CvGJGt.8ry@sgb.oau.org>, Steven Bradley wrote:
: > Chris Foote (Wilbraham & Monson Acad. 96) (cfoote@k12.ucs.umass.edu) wrote:
: >
: > : Hiya....I work for RS and we got a NEWS FLASH that they were discontinuing
: > : the unit because of "engineering errors". Could someone double check this? I
: > : know it's coming from the HQ, but ya never know...
: >
: > ** Good **
: >
: > If it is really discontinued, there should be some where-is as-is
: > pricing on it ... is it [1] any good and [2] at a reduced price
: > yet?
: >
: > Steven
: > ---
: > Internet: steven@sgb.oau.org | Steven G. Bradley
: > steven@gate.net | Forest City, Florida
: > steven@transquest.oe.fau.edu |-----------------------
: > CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
: > America Online: sgbradley@aol.com | Modem: 407/862-8088

: A phone call to Tandy HQ resulted in an explanantion that the Pro-51
: warehouse stock was being sent back to the factory and being replaced
: with the keyboard mod left out (just a ROM change). They said the
: unit was not being discontinued.

** WOW! ** it IS modifiable, in that they can actually CHANGE the
rom at the factory (some low paid droids at Shack can actually
perform this task, wow wee!)

Ok, is it possible to dupe the ROM in the existing units, and post
the hex file (intel or otherwise) object code up here with info on
type of PROM needed to replace the new one with the code from the
older model? Or perhaps the bytes to zap for anyone worried of
copyright (not that it matters on an international newsgroup, I'm
shaking that the SS will be here on (C) violations!)?

This is getting more interesting.

I've got a new name for the FCC, the F*cking Communication Commission.

I know I ignore them, does anyone else? I'd like to see some of
corporate america flip the middle finger at them too and say here it
is, modifiable and for sale, what are you going to do about it? If
you fine us, we won't pay, if you harrass us enough we'll take you and

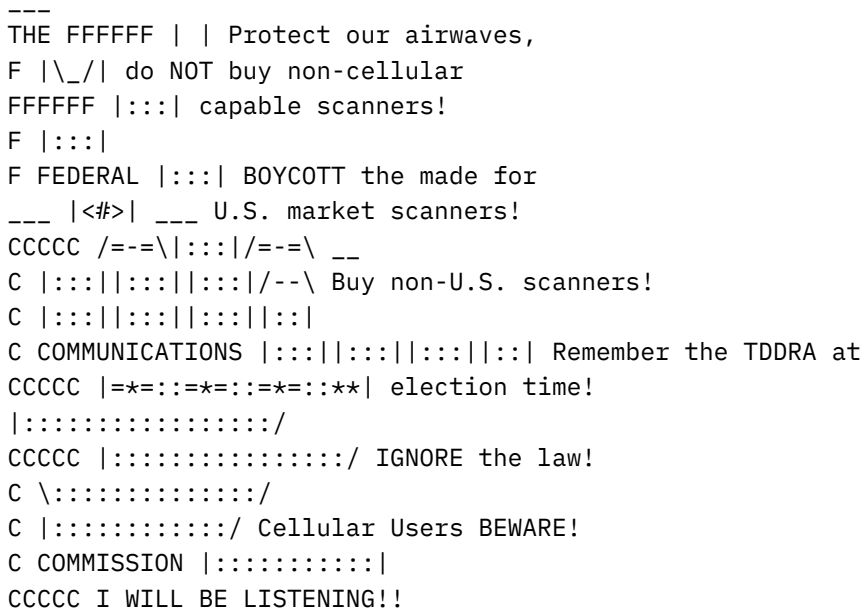
the issue to court, by the time we're done, your commission will be up!

We need to get organized and show the FCC we mean business -- meaning deliberate and intentional violation of their unconstitutional policies. We need to show them they are "elected" and not having a God given right to rule in such manner. Join me in deliberate and intentional violations of their dumb, stupid, unconstitutional rules!

Since I do not own a single transmitter, I have no need for any license or permit from them -- and as per receivers, that's none of their business! FCC -- go screw someplace else, another country preferably!

Steven
--
Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

Here's a message for our "friends" at:


___
THE FFFFFF | | Protect our airwaves,
F |_/| do NOT buy non-cellular
FFFFFF |:::| capable scanners!
F |:::|
F FEDERAL |:::| BOYCOTT the made for
___ |<#>| ___ U.S. market scanners!
CCCCC /=-=\|:::|/=-=\ __
C |:::||:::||:::|/--\ Buy non-U.S. scanners!
C |:::||:::||:::||::|
C COMMUNICATIONS |:::||:::||:::||::| Remember the TDDRA at
CCCCC |=*=::=*=::=*=::**| election time!
|:::::::::::::::::/
CCCCC |:::::::::::::::::/ IGNORE the law!
C \::::::::::::::/
C |::::::::::::/ Cellular Users BEWARE!
C COMMISSION |::::::::::::|
CCCCC I WILL BE LISTENING!!

1570. Re: Need freq for Hershe

Newsgroup: rec.radio.scanner
Date: 1994-09-03 03:18:51 UTC
From: berling@alleg.edu
Message-ID: <348pus$ocf@mustang.alleg.edu>
Source record: 269383

>
> Here is the Hershey Pk freqs from Beyond Police Call...
>
> 464.3750, 464.4250 both repeatered
>
> Dorney Park Coaster Co Inc in Allentown...also from Beyond
>
> 151.6550, 154.515, 154.540, 154.5700
> Rptr Mobile Mobile Mobile
>
> Hope this helps...never been out to PA...some day...
>
> Jerry
>
> ___ Blue Wave/QWK v2.12

As has been noted once before (and editors notified), the freqs
for Hersheypark are incorrect in Beyond Police Call. The correct ones
are:
Security: 464.150 (repeater)
Security 2: 464.425 (talk around)
First Aid Talk Around: 464.375
Maintenance/Operations: 464.275 (repeatered)

Hope that helps some people out -- any questions or further inquiries
about the Park, feel free to email.
--
Gordon Berlin berling@alleg.edu
Hershey Vol. Fire Co. Allegheny College
Hersheypark Safety and Security Meadville, PA
Hershey, PA
"Chocolatetown, U.S.A."
"Yes, ma'am, that really is the smell of chocolate in the air."

1571. Re: Questions: Digital Scanning, Cellphones, Transmissions

Newsgroup: rec.radio.scanner
Date: 1994-09-03 03:22:29 UTC
From: pouelle@uoft02.utoledo.edu
Message-ID: <CvJApI.H8I@utnetw.utoledo.edu>
Source record: 269384
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy

In article <33iefs$80a@thot.u-strasbg.fr>, lpelliss@ensm-ales.fr (Laurent PELLISSIER) writes:
>In article <333n3t$jqf@nic-nac.CSU.net>
>g9153402@huey.csun.edu (Berton Corson) writes:
>
>> First, does anyone know when this will come, or even equal 50% of
>> such calls? Digital cell phones are very expensive, when compared
>> to the regular models, which are literally being given away.
> Here in France the GSM system is very very inexpensive. In fact
>some store sell one to you for FREE (but you have to subscribe for one
>year to a telephone company). Also they are two operators of the GSM in
>France (a third one is expected for soon!) so the competition between
>them is very hard and the price decrease a lot. For example in the
>beginning of the GSM (3 years ago) a such device cost 6000 FF (1 US$
>for 6 FF) now you can find some at less than 1000 FF. It's totally
>crazy (especially for scanner listenner). Moreover the GSM system is
>scrambled so there is no {easy} way to listen them.
> So I am very surprised to learn that in the US the digital
>cellphones are so expensive.
>
>--
>Have fun, Laurent.
>
>Laurent PELLISSIER Ecole des Mines d'Ales
>School of Engineering (Computer Science Department), /bin/su
>e-mail:lpelliss@ensm-ales.fr

Cell phones can be has for $ 29.95 US, but they require a subscription to one of the cellular carriers. The more features you add the more $$$ you add :-)

Patrick
pouelle@uoft02.utoledo.edu

1572. Illegal to monitor cordless?

Newsgroup: rec.radio.scanner
Date: 1994-09-03 03:26:17 UTC
From: shawn4sk1@aol.com
Message-ID: <348qcp$7pi@search01.news.aol.com>
Source record: 269385

I know it's illegal to monitor cellular but is it illegal to monitor cordless phones? I see all the scanners that can monitor cellulars being wiped out but I've heard nothing about cordless... Also, I'm sure this is a redundant issue for some but I have yet to know what the scanner bill entails... what it covers, what states will be affected, when it's liable to pass, etc... If you feel it is non-important to the others, please E-mail it to me directly...

Thanks In Advance!!!!

Shawn4SK1@aol.com

1573. faster 2006 scanning?

Newsgroup: rec.radio.scanner
Date: 1994-09-03 03:33:08 UTC
From: shawn4sk1@aol.com
Message-ID: <348qpk$7um@search01.news.aol.com>
Source record: 269386

I know which diode and I know its effect in general but SPECIFICALLY- If I do get cut the diode and get the 2006 to scan faster, a)how much faster will it scan? b)will the speed button still offer a faster/slower option? and c)will it possibly cause me to lose alot of freqs I might otherwise catch, etc?

I figure the "c)" question is kinda a dumb one b/c I figure the idea is to be able to scan bands faster for the ability to cover a range quicker. BUT, I figure the original designer set speeds appropriate for the processor, etc as to be as fast as it could be under the design conditions- I figured if it could scan faster accurately, they would've made it that way to begin with... no???

Thanks In Advance!!! This is important as a soddering gun is not readily available to fix it if I'm disappointed by my surgery! :-)

Shawn4SK1@aol.com

1574. Re: 162.550 mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-03 03:39:48 UTC
From: milcom@netcom.com
Message-ID: <milcomCvJBIC.Ku4@netcom.com>
Source record: 269390
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Glen Roberts (glr@ripco.com) wrote:
: I hear the national weather service on 162.550 mhz. I also hear them on
: 162.400 and 162.475 mhz. Isn't that cool!

sorry, but i'd rather watch paint dry. It rates right up there with
a conversation about aunt martha's hip operation.

--
POP: Persistant Online Procrastination milcom@netcom.com

1575. Re: How to make Mot. phone into Receiver?

Newsgroup: rec.radio.scanner
Date: 1994-09-03 03:56:29 UTC
From: cntrspy@ix.netcom.com
Message-ID: <348s5d$phn@ixnews1.ix.netcom.com>
Source record: 269387

= = = All one needs to do is purchase a service manual for
their brand/model of phone.

All of the service codes are in there for testing and
servicing the phone.

Some are easier than others like the Oki 900 series.

//

In <345uvp$7tu@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:

>
>Charles Copeland (copeland@metronet.com) wrote:
>> The Wall Street Journal reported Motorola phone can be modified into
>> cellular receivers. (Setp 1, 1994 ; section B1). The article states
>> someone on the internet was passing around this "6 step procedure".
>
>> Anybody got it?
>
>> How about for other cellular phones?
>
>
>I think I saw it posted in this newsgroup a week ago, but I don't know
>of it's still here. I didn't make any copy of it, because I really
>didn't even understand it.
>
>

--
--
==
Chris Hall, Chief Operating Officer
Executive Protection Associates, Inc.
Worldwide Investigations, Privacy Protection Strategies, Second
Passport Agents, Off-shore Banking and Trust Agents.
e-mail: cntrspy@ix.netcom.com, PGP key available.
==

1576. Re: PRO-2026

Newsgroup: rec.radio.scanner
Date: 1994-09-03 04:00:03 UTC
From: steves4626@aol.com
Message-ID: <348sc3$8cr@search01.news.aol.com>
Source record: 269388

In article <ba3_9409011757@blkcat.fidonet.org>,
Tom.Eagan@f239.n109.z1.fidonet.org (Tom Eagan) writes:

Take the bottom cover off. It is a small bulb or LED. An in-line
resistor should dim it.

1577. Re: Mobile Antenna?

Newsgroup: rec.radio.scanner
Date: 1994-09-03 04:04:34 UTC
From: g9153402@huey.csun.edu
Message-ID: <348ski$q39@nic-nac.CSU.net>
Source record: 269389

Jerry Williams x2824 (jwilliam@Endor.sim.es.com) wrote:
> I am looking for a magnetic mount antenna for my car for scanning.
> RS has one for $29 and I have seen a couple advertised in Pop. Com.
> that cost about $19. Does anyone have any suggestions or experience
> on if one is any better than the other.
> Thanks for any help,
> Jerry

I own the $29.99 RS magnetic mount antenna, but have it mainly mounted in my house. On top a of metal bookcase, on the second floor of my house, next to a window. My residence is near the top of a hill, in the north-west portion of Los Angeles, with the San Fernando Valley below. It works great for 99% of my purposes. But on aircraft, and some cellular, one side of a conversation you may hardly hear, usually the weakest radio, or farthest from you. Any suggestions to improve this?

1578. Re: Pro 2006 Portable Carrying Case?

Newsgroup: rec.radio.scanner
Date: 1994-09-03 04:48:46 UTC
From: drw@esl.com
Message-ID: <drw-020994214631@m42003.esl.com>
Source record: 269391

In article <3425lr$nam@darkstar.UCSC.EDU>,
ucsc_copy_center@macmail.ucsc.edu (K.C.) wrote:

> I was wondering if anyone had any suggestions on a carrying
> case/battery pack for my Pro 2006 scanner.
>
Check out places like Office Depot and Office Max, and even Target etc.
There are a number of different padded cases/totes for who-knows-what that
fit nicely. I have one which simply carries the radio, antennas, and the
usual frequency books. Anything which is roughly binder-sized does well. If
you're really fancy, some of the hard cases for photographers would work,
where you cut the foam to fit whatever you're carrying.

--
Dave Waters WA6AWZ
ESL Inc.
drw@esl.com

1579. Re: 162.550 mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-03 04:55:44 UTC
From: drw@esl.com
Message-ID: <drw-020994215259@m42003.esl.com>
Source record: 269392

In article <CvGIKB.AxK@rci.ripco.com>, glr@ripco.com (Glen Roberts) wrote:

<revelation about wx broadcasts deleted>
>
> Sorry, I only hear them on .400 .475 and .550
>
> -------------------------------------
> Glen L. Roberts, Editor, Full Disclosure Magazine
> Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
> -------------------------------------

So is it this born-with, natural radio-saavy that lets you broadcast on
5,810khz?

--
Dave Waters
ESL Inc.
drw@esl.com

1580. Re: cordless phones

Newsgroup: rec.radio.scanner
Date: 1994-09-03 06:16:13 UTC
From: dleon@seas.smu.edu
Message-ID: <1994Sep3.061613.23176@seas.smu.edu>
Source record: 269393

In article <34143m$rbj@search01.news.aol.com>, SCAN911 <scan911@aol.com> wrote:
>In article <340ssr$8om@ixnews1.ix.netcom.com>, DPalmer@ix.netcom.com
>(David Palmer) writes:
>
>>FYI, in the Golden Stae, we have a law against monitoring >cordless
>phones.
>
>I'd like to see someone challenge it on federal pre-emption. Federal laws
>are designed to supercede state laws. States shouldn't be regulating
>communications. That is the task of the FCC. If it were taken to the
>U.S. Supreme Court, I bet it would be a good challenge....any lawyers out
>there with some insight?
>
>Chuck
>scan911@aol.com
>

Well, first I'm not a lawyer, just a 2L here in Dallas. Anyway, I suppose the state could argue that there was no fundamental rights encroached upon by the statute. If the court bought that, then the statute would be upheld under the "rational basis" review--the statute is rationally related to a legitimate govt. objective. On the flip side, the fed could argue that the statute falls beyond the scope of the police powers of the state & encroaches upon the FCC's jurisdiction. I'm sure I probably missed a bazillion other issues, but it's lateI'm tired & I haven't looked over my Con Law notes lately (that is the standard disclaimer for law students)

Anyway, usually the fed is hostile to state govt. encroachment. I havent looked at the FCC charters & rules lately, but I seem to recall that they included a proscription against cell phone monitoring and not cordless phone monitoring.
I guess the state could also argue that an additional ban on cordless monitoringwould be a logical extension consistent with the previous statute...

1581. Re: New 39 RS SCANNER For Sale 9

Newsgroup: rec.radio.scanner
Date: 1994-09-03 06:24:00 UTC
From: ligosa@pipeline.com
Message-ID: <3494q0$c1c@pipe1.pipeline.com>
Source record: 269394

```
Correction: No priority channel
```

1582. Re: How to make Mot. phone into Receiver?

Newsgroup: rec.radio.scanner
Date: 1994-09-03 07:01:13 UTC
From: crisp@netcom.com
Message-ID: <crispCvJKu1.26x@netcom.com>
Source record: 269395

In article <CvGvE4.51@metronet.com> copeland@metronet.com (Charles Copeland) writes:
>The Wall Street Journal reported Motorola phone can be modified into
>cellular receivers. (Setp 1, 1994 ; section B1). The article states
>someone on the internet was passing around this "6 step procedure".
>
>Anybody got it?
>

Here is the post that I saved a while back: (Try at your own risk!)

Article 13150 of alt.radio.scanner:
Xref: netcom.com alt.radio.scanner:13150
Newsgroups: alt.radio.scanner
Path: netcom.com!mat
From: mat@netcom.com (Matt Agren)
Subject: Motorola scanner how to
Message-ID: <matCtoyyp.HLC@netcom.com>
Organization: NETCOM On-line Communication Services (408 261-4700 guest)
X-Newsreader: TIN [version 1.2 PL1]
Date: Fri, 29 Jul 1994 07:47:12 GMT
Lines: 546

I have seen a lot of people ask if Motorola cell phones can be used as cell scanners.
Yes you can make you Motorola into a cell scanner and it is very easy.
The hardest part is grounding the right pin. Grounding this
pin will put your phone in test mode. On most flip phones there is
3 pins visible when you remove the battery. The center pin is visible but will not
make contact with the center pin on the battery. You must
have a rechargeable Motorola battery or a battery that has an metallic contact on
the center pin of the battery. To put the phone in test mode take a piece
of aluminum foil and role it into a strip big enough to fit
into the gap in the center pin on the phone. Make it large enough that it protrudes
above the plastic of the phone so that is makes contact with the center pin of
the battery. Make sure that it is not small and falls into
the phone! Once you have placed the foil turn on the phone
(unlock it if needed). Numbers are displayed 1
screen full then it quickly flashes to the next.

CHAN \/ PWR LVL
x x x x x x <--Rx Sig Strength, 00-99
SAT -->x x x x x x x <--1=TX Audio OFF
^ ^ ^ ^
1=TX on <-- : : : : 1=RX AUdio OFf
1=SigTone ON : : 1=Control Channel

Press the # key. The phone should display US , or something like that.
Now to scan cell phone channels you enter the following. when you enter
11xxx# the xxx = the channel number not the frequency. I will
provide a list of frequency to channel number at the end.

353# Select Handset audio path
08# RX Audio ON
11xxx# Three digit number, i.e. 11362#
474# Set to mid level audio
11xxx# Change to another channel

Be very careful with the rest of the codes because some could mess up
the cell system and some could erase your phone!!!!!!!!
The codes will work with all Motorola phones but grounding procedures differ.

01# Restart (Turns unit off and back on)
02# Display current radio status (non-scrolling version
of above display)
04# Initials Unit to Standard Default Settings
Carrier OFF
RF Attenuator to max power
Receiver Audio Muted
Transmit Audio Muted
Signaling Tone Off
Resetting of Watchdog Timer Enabled
DTMF and Audio Tones off
Audio path set to speaker

05# TX Carrier ON
06# TX Carrier OFF
07# RX OFF (Mute RX audio)
08# RX Audio ON (Unmuted)
09# TX Audio OFF
10# TX Audio ON
11(CH No)# Sets to desired channel
12# Set power to x; 0=max 7 = min
14# 10 Khz sig tone on
15# 10 Khz Sig tone off
19# Display software version number (4 digits)
25x# SAT Tone on when x=0, SAT = 5970 Hz
x=1, SAT = 6000 Hz
x=2, SAT = 6030 Hz
26# SAT Tone off
27# Transmit Data
28# 1150 Hz Tone on
29# 1150 Hz Tone off
30# 770 Hz Tone on
31# 770 Hz Tone off
32# Clears all timers and resets User's programmable features to
standard, also clears user stored memory.
33x# Turn on DTMF Tone for X, X = 0-9, * or #
34# DTMF Tone(s) off

35# Display RSSI ("D" Series portable only)
35x# Set Audio path to xx = 0, VSP mike
(mobile only)x = 1, speaker
x = 2, Alert
x = 3, Handset
38# Display ESN in Hex, 2 char at a time use * to step
(Compandor OFF (D series portable only))
39# Compandor on (D series portableonly)
41# Enables Diversity (on f19cta series only)
42# Disables Diversity)
43# Disable Diversity
44# Disable Diversity
45# Display current rssi
46# Display cumulative call timer
47x# Set Rx audio level, 0-7 i.e. 474# is mid level
48# Set side tone on
49# Side Tone off
53# Enable Scrambler option when equipped
54# Disable scrambler
55# Programming customer/system information
Enter 55#, display shows U5 '
Enter 55# again, proceed as if you've
followed the sheet included with the phone.
This allows one to change the phone params
an infinite number of times.
However, some of the info is not in sequence
with the sheet provided with the phone.
58# Compandor on
59# Compandor off)
61# Serial number transfer (for dmt / minitac only)
(See Esn transfer procedure elsewhere)
62# Turn on ringer audio path
63# Turn off ringer audio path
70# Abbreviated field transmitter audio deviation command
71# Abbreviated field power adjustment command
72# Field audio phasing commands
73# Field power adjustment command (dmt/minitac only)

Channel to frequency guide

Here is a list of all Cellular Frequencies:

Non-Wireline Wireline

Channel Tx Freq Rx Freq Channel Tx Freq Rx Freq
Number Mhz Mhz Number Mhz Mhz

1 870.03 825.03 334 880.02 835.02
2 870.06 825.06 335 880.05 835.05
3 870.09 825.09 336 880.08 835.08
4 870.12 825.12 337 880.11 835.11
5 870.15 825.15 338 880.14 835.14

6 870.18 825.18 339 880.17 835.17
7 870.21 825.21 340 880.20 835.20
8 870.24 825.24 341 880.23 835.23
9 870.27 825.27 342 880.26 835.26
10 870.30 825.30 343 880.29 835.29
11 870.33 825.33 344 880.32 835.32
12 870.36 825.36 345 880.35 835.35
13 870.39 825.39 346 880.38 835.38
14 870.42 825.42 347 880.41 835.41
15 870.45 825.45 348 880.44 835.44
16 870.48 825.48 349 880.47 835.47
17 870.51 825.51 350 880.50 835.50
18 870.54 825.54 351 880.53 835.53
19 870.57 825.57 352 880.56 835.56
20 870.60 825.60 353 880.59 835.59
21 870.63 825.63 354 880.62 835.62
22 870.66 825.66 355 880.65 835.65
23 870.69 825.69 356 880.68 835.68
24 870.72 825.72 357 880.71 835.71
25 870.75 825.75 358 880.74 835.74
26 870.78 825.78 359 880.77 835.77
27 870.81 825.81 360 880.80 835.80
28 870.84 825.84 361 880.83 835.83
29 870.87 825.87 362 880.86 835.86
30 870.90 825.90 363 880.89 835.89
31 870.93 825.93 364 880.92 835.92
32 870.96 825.96 365 880.95 835.95
33 870.99 825.99 366 880.98 835.98
34 871.02 826.02 367 881.01 836.01
35 871.05 826.05 368 881.04 836.04
36 871.08 826.08 369 881.07 836.07
37 871.11 826.11 370 881.10 836.10
38 871.14 826.14 371 881.13 836.13
39 871.17 826.17 372 881.16 836.16
40 871.20 826.20 373 881.19 836.19
41 871.23 826.23 374 881.22 836.22
42 871.26 826.26 375 881.25 836.25
43 871.29 826.29 376 881.28 836.28
44 871.32 826.32 377 881.31 836.31
45 871.35 826.35 378 881.34 836.34
46 871.38 826.38 379 881.37 836.37
47 871.41 826.41 380 881.40 836.40
48 871.44 826.44 381 881.43 836.43
49 871.47 826.47 382 881.46 836.46
50 871.50 826.50 383 881.49 836.49
51 871.53 826.53 384 881.52 836.52
52 871.56 826.56 385 881.55 836.55
53 871.59 826.59 386 881.58 836.58
54 871.62 826.62 387 881.61 836.61
55 871.65 826.65 388 881.64 836.64

56 871.68 826.68 389 881.67 836.67
57 871.71 826.71 390 881.70 836.70
58 871.74 826.74 391 881.73 836.73
59 871.77 826.77 392 881.76 836.76
60 871.80 826.80 393 881.79 836.79
61 871.83 826.83 394 881.82 836.82
62 871.86 826.86 395 881.85 836.85
63 871.89 826.89 396 881.88 836.88
64 871.92 826.92 397 881.91 836.91
65 871.95 826.95 398 881.94 836.94
66 871.98 826.98 399 881.97 836.97
67 872.01 827.01 400 882.00 837.00
68 872.04 827.04 401 882.03 837.03
69 872.07 827.07 402 882.06 837.06
70 872.10 827.10 403 882.09 837.09
71 872.13 827.13 404 882.12 837.12
72 872.16 827.16 405 882.15 837.15
73 872.19 827.19 406 882.18 837.18
74 872.22 827.22 407 882.21 837.21
75 872.25 827.25 408 882.24 837.24
76 872.28 827.28 409 882.27 837.27

77 872.31 827.31 410 882.30 837.30
78 872.34 827.34 411 882.33 837.33
79 872.37 827.37 412 882.36 837.36
80 872.40 827.40 413 882.39 837.39
81 872.43 827.43 414 882.42 837.42
82 872.46 827.46 415 882.45 837.45
83 872.49 827.49 416 882.48 837.48
84 872.52 827.52 417 882.51 837.51
85 872.55 827.55 418 882.54 837.54
86 872.58 827.58 419 882.57 837.57
87 872.61 827.61 420 882.60 837.60
88 872.64 827.64 421 882.63 837.63
89 872.67 827.67 422 882.66 837.66
90 872.70 827.70 423 882.69 837.69
91 872.73 827.73 424 882.72 837.72
92 872.76 827.76 425 882.75 837.75
93 872.79 827.79 426 882.78 837.78
94 872.82 827.82 427 882.81 837.81
95 872.85 827.85 428 882.84 837.84
96 872.88 827.88 429 882.87 837.87
97 872.91 827.91 430 882.90 837.90
98 872.94 827.94 431 882.93 837.93
99 872.97 827.97 432 882.96 837.96
100 873.00 828.00 433 882.99 837.99
101 873.03 828.03 434 883.02 838.02
102 873.06 828.06 435 883.05 838.05
103 873.09 828.09 436 883.08 838.08
104 873.12 828.12 437 883.11 838.11

105 873.15 828.15 438 883.14 838.14
106 873.18 828.18 439 883.17 838.17
107 873.21 828.21 440 883.20 838.20
108 873.24 828.24 441 883.23 838.23
109 873.27 828.27 442 883.26 838.26
110 873.30 828.30 443 883.29 838.29
111 873.33 828.33 444 883.32 838.32
112 873.36 828.36 445 883.35 838.35
113 873.39 828.39 446 883.38 838.38
114 873.42 828.42 447 883.41 838.41
115 873.45 828.45 448 883.44 838.44
116 873.48 828.48 449 883.47 838.47
117 873.51 828.51 450 883.50 838.50
118 873.54 828.54 451 883.53 838.53
119 873.57 828.57 452 883.56 838.56
120 873.60 828.60 453 883.59 838.59
121 873.63 828.63 454 883.62 838.62
122 873.66 828.66 455 883.65 838.65
123 873.69 828.69 456 883.68 838.68
124 873.72 828.72 457 883.71 838.71
125 873.75 828.75 458 883.74 838.74
126 873.78 828.78 459 883.77 838.77
127 873.81 828.81 460 883.80 838.80
128 873.84 828.84 461 883.83 838.83
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132 873.96 828.96 465 883.95 838.95
133 873.99 828.99 466 883.98 838.98
134 874.02 829.02 467 884.01 839.01
135 874.05 829.05 468 884.04 839.04
136 874.08 829.08 469 884.07 839.07
137 874.11 829.11 470 884.10 839.10
138 874.14 829.14 471 884.13 839.13
139 874.17 829.17 472 884.16 839.16
140 874.20 829.20 473 884.19 839.19
141 874.23 829.23 474 884.22 839.22
142 874.26 829.26 475 884.25 839.25
143 874.29 829.29 476 884.28 839.28
144 874.32 829.32 477 884.31 839.31
145 874.35 829.35 478 884.34 839.34
146 874.38 829.38 479 884.37 839.37
147 874.41 829.41 480 884.40 839.40
148 874.44 829.44 481 884.43 839.43
149 874.47 829.47 482 884.46 839.46
150 874.50 829.50 483 884.49 839.49
151 874.53 829.53 484 884.52 839.52
152 874.56 829.56 485 884.55 839.55
153 874.59 829.59 486 884.58 839.58
154 874.62 829.62 487 884.61 839.61

155 874.65 829.65 488 884.64 839.64
156 874.68 829.68 489 884.67 839.67
157 874.71 829.71 490 884.70 839.70
158 874.74 829.74 491 884.73 839.73
159 874.77 829.77 492 884.76 839.76
160 874.80 829.80 493 884.79 839.79
161 874.83 829.83 494 884.82 839.82
162 874.86 829.86 495 884.85 839.85
163 874.89 829.89 496 884.88 839.88
164 874.92 829.92 497 884.91 839.91
165 874.95 829.95 498 884.94 839.94
166 874.98 829.98 499 884.97 839.97
167 875.01 830.01 500 885.00 840.00
168 875.04 830.04 501 885.03 840.03
169 875.07 830.07 502 885.06 840.06
170 875.10 830.10 503 885.09 840.09
171 875.13 830.13 504 885.12 840.12
172 875.16 830.16 505 885.15 840.15
173 875.19 830.19 506 885.18 840.18
174 875.22 830.22 507 885.21 840.21
175 875.25 830.25 508 885.24 840.24
176 875.28 830.28 509 885.27 840.27
177 875.31 830.31 510 885.30 840.30
178 875.34 830.34 511 885.33 840.33
179 875.37 830.37 512 885.36 840.36
180 875.40 830.40 513 885.39 840.39
181 875.43 830.43 514 885.42 840.42
182 875.46 830.46 515 885.45 840.45
183 875.49 830.49 516 885.48 840.48
184 875.52 830.52 517 885.51 840.51
185 875.55 830.55 518 885.54 840.54
186 875.58 830.58 519 885.57 840.57
187 875.61 830.61 520 885.60 840.60
188 875.64 830.64 521 885.63 840.63
189 875.67 830.67 522 885.66 840.66
190 875.70 830.70 523 885.69 840.69
191 875.73 830.73 524 885.72 840.72
192 875.76 830.76 525 885.75 840.75
193 875.79 830.79 526 885.78 840.78
194 875.82 830.82 527 885.81 840.81
195 875.85 830.85 528 885.84 840.84
196 875.88 830.88 529 885.87 840.87
197 875.91 830.91 530 885.90 840.90
198 875.94 830.94 531 885.93 840.93
199 875.97 830.97 532 885.96 840.96
200 876.00 831.00 533 885.99 840.99
201 876.03 831.03 534 886.02 841.02
202 876.06 831.06 535 886.05 841.05
203 876.09 831.09 536 886.08 841.08
204 876.12 831.12 537 886.11 841.11

205 876.15 831.15 538 886.14 841.14
206 876.18 831.18 539 886.17 841.17
207 876.21 831.21 540 886.20 841.20
208 876.24 831.24 541 886.23 841.23
209 876.27 831.27 542 886.26 841.26
210 876.30 831.30 543 886.29 841.29
211 876.33 831.33 544 886.32 841.32
212 876.36 831.36 545 886.35 841.35
213 876.39 831.39 546 886.38 841.38
214 876.42 831.42 547 886.41 841.41
215 876.45 831.45 548 886.44 841.44
216 876.48 831.48 549 886.47 841.47
217 876.51 831.51 550 886.50 841.50
218 876.54 831.54 551 886.53 841.53
219 876.57 831.57 552 886.56 841.56
220 876.60 831.60 553 886.59 841.59
221 876.63 831.63 554 886.62 841.62
222 876.66 831.66 555 886.65 841.65
223 876.69 831.69 556 886.68 841.68
224 876.72 831.72 557 886.71 841.71
225 876.75 831.75 558 886.74 841.74
226 876.78 831.78 559 886.77 841.77
227 876.81 831.81 560 886.80 841.80
228 876.84 831.84 561 886.83 841.83
229 876.87 831.87 562 886.86 841.86
230 876.90 831.90 563 886.89 841.89
231 876.93 831.93 564 886.92 841.92
232 876.96 831.96 565 886.95 841.95
233 876.99 831.99 566 886.98 841.98
234 877.02 832.02 567 887.01 842.01
235 877.05 832.05 568 887.04 842.04
236 877.08 832.08 569 887.07 842.07
237 877.11 832.11 570 887.10 842.10
238 877.14 832.14 571 887.13 842.13
239 877.17 832.17 572 887.16 842.16
240 877.20 832.20 573 887.19 842.19
241 877.23 832.23 574 887.22 842.22
242 877.26 832.26 575 887.25 842.25
243 877.29 832.29 576 887.28 842.28
244 877.32 832.32 577 887.31 842.31
245 877.35 832.35 578 887.34 842.34
246 877.38 832.38 579 887.37 842.37
247 877.41 832.41 580 887.40 842.40
248 877.44 832.44 581 887.43 842.43
249 877.47 832.47 582 887.46 842.46
250 877.50 832.50 583 887.49 842.49
251 877.53 832.53 584 887.52 842.52
252 877.56 832.56 585 887.55 842.55
253 877.59 832.59 586 887.58 842.58
254 877.62 832.62 587 887.61 842.61

255 877.65 832.65 588 887.64 842.64
256 877.68 832.68 589 887.67 842.67
257 877.71 832.71 590 887.70 842.70
258 877.74 832.74 591 887.73 842.73
259 877.77 832.77 592 887.76 842.76
260 877.80 832.80 593 887.79 842.79
261 877.83 832.83 594 887.82 842.82
262 877.86 832.86 595 887.85 842.85
263 877.89 832.89 596 887.88 842.88
264 877.92 832.92 597 887.91 842.91
265 877.95 832.95 598 887.94 842.94
266 877.98 832.98 599 887.97 842.97
267 878.01 833.01 600 888.00 843.00
268 878.04 833.04 601 888.03 843.03
269 878.07 833.07 602 888.06 843.06
270 878.10 833.10 603 888.09 843.09
271 878.13 833.13 604 888.12 843.12
272 878.16 833.16 605 888.15 843.15
273 878.19 833.19 606 888.18 843.18
274 878.22 833.22 607 888.21 843.21
275 878.25 833.25 608 888.24 843.24
276 878.28 833.28 609 888.27 843.27
277 878.31 833.31 610 888.30 843.30
278 878.34 833.34 611 888.33 843.33
279 878.37 833.37 612 888.36 843.36
280 878.40 833.40 613 888.39 843.39
281 878.43 833.43 614 888.42 843.42
282 878.46 833.46 615 888.45 843.45
283 878.49 833.49 616 888.48 843.48
284 878.52 833.52 617 888.51 843.51
285 878.55 833.55 618 888.54 843.54
286 878.58 833.58 619 888.57 843.57
287 878.61 833.61 620 888.60 843.60
288 878.64 833.64 621 888.63 843.63
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295 878.85 833.85 628 888.84 843.84
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297 878.91 833.91 630 888.90 843.90
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333 879.99 834.99 666 889.98 844.98
667 890.01 845.01 717 891.51 846.51
668 890.04 845.04 718 891.54 846.54
669 890.07 845.07 719 891.57 846.57
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679 890.37 845.37 729 891.87 846.87
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1017 869.82 824.82 793 893.79 848.79
1018 869.85 824.85 794 893.82 848.82
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1020 869.91 824.91 796 893.88 848.88
1021 869.94 824.94 797 893.91 848.91
1022 869.97 824.97 798 893.94 848.94
1023 870.00 825.00 799 893.97 848.97

Any comments or additions are welcome.
mat@netcom.com

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1583. Re: tracing clell-phone calls

Newsgroup: rec.radio.scanner
Date: 1994-09-03 09:14:10 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Sep3.091410.12094@hpcvaac.cv.hp.com>
Source record: 269396

crisp@netcom.com (Richard Crisp) writes:
: In article <1994Aug31.062741.6823@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
: >
: >No way. The cell may be able to determine the sector you are in - if
: >reflections do not interfere - but there is no way it can tell where
: >in that sector you may be. All that can be determined is a general
: >location - depending on how strong your signal appears in different
: >cells.
:
: Actually with satellites and using DTOA (Differential Time of Arrival)
: techniques a transmitter can be located quite precisely. It is just a matter
: of spending the bucks to do it. In cases of satellite jamming (a la
: Captain Midnight/HBO) it is worth the time and energy to do it. If there
: was some major criminal etc using a cellphone, I suspect the Feds would
: play that card. I am not sure we will ever know all that was involved in
: the location and subsequent execution of Pablo Escobar but it was
: reported at the time he was located by his using a cellphone. Of course
: just knowing which cell sites were handling his traffic will get you damn
: close, but they could have used some pretty sophisticated techniques like
: I mentioned to get even closer.

Certainly, but not with cellular stations. Remember that GPS uses one receiver to receive several satellites. Trying to obtain as accurate a position by using multiple receivers to receive one broadcast is a completely different thing.

Once you know which sell the person is in - simple direction finding gear can pinpoint them fairly rapidly.

Bill

1584. Re: !SECRET! Airshow Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-09-03 09:33:27 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Sep3.093327.12391@hpcvaac.cv.hp.com>
Source record: 269397
Cross-posted to: rec.aviation.misc,rec.radio.scanner

bewaga@mailmaster.chvpkh.chevron.com (Bill Garnett) writes:
: weeds. Fortunately no damage, or injuries. At any rate, I think it gave the
: organizers a new appreciation for what might happen with hand held radios in
: the stands. Picture, if you will, someone setting their radio down in such a
: way as to depress the talk button. Nobody else will be able to use that
: frequency.

Hardly. It would interfere, but not stop communication. The transmitters
in the control towers have far more power. The aircraft might not be able
to answer back - although that is also unlikely - but that could be lived
with until they got the idiot off the air.

Bill

1585. Airforce 2

Newsgroup: rec.radio.scanner
Date: 1994-09-03 12:35:12 UTC
From: Keith@elgin.demon.co.uk
Message-ID: <778595712snz@elgin.demon.co.uk>
Source record: 269398

I have just seen on the news today that Airforce 2 is arriving at Dublin airport on Wednesday 7th of September. Can anyone help me out with VHF/UHF frequencies for the secret service and any other agencies relating to the Vice President. I am a regular Mystic Star listener so HF is not a problem but never thought I would get a chance to listen to any of the VHF/UHF comms.

If anyone can assist please connect me as soon as possible either by this newsgroup of by email.

Thanks in advance,
--

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+-------------------------------------------------------------------------+
| Keith Elgin | | |
| | _ | |
| Internet : keith@elgin.demon.co.uk _____________|_( )_|_____________ |
| Voice : +44 (0)265 43575 o +|+ [ ( o ) ] +|+ o |
| Amateur : GI7S0B *[_]---[_]* |
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1586. Re: Questions: Digital Scanning, Cellphones, Transmissions

Newsgroup: rec.radio.scanner
Date: 1994-09-03 13:08:57 UTC
From: g9153402@huey.csun.edu
Message-ID: <349sh9$ln7@nic-nac.CSU.net>
Source record: 269399
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy

> Cell phones can be has for $ 29.95 US, but they require a subscription to
> one of the cellular carriers. The more features you add the more $$$ you
> add :-)

> Patrick
> pouelle@uoft02.utoledo.edu

Last week, Airtouch Cellular in Los Angeles sold Motorola reconditioned
phones (with warranty) which you could get for $25 WITHOUT ACTIVATION!
(or nothing with free activation). Many people rushed out to buy..

1587. Re: !SECRET! Airshow Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-09-03 13:30:31 UTC
From: mtiernan@world.std.com
Message-ID: <CvK2uv.7sC@world.std.com>
Source record: 269400
Cross-posted to: rec.aviation.misc,rec.radio.scanner

Bill Garnett <bewaga@mailmaster.chvpkh.chevron.com> wrote:
> dingman+@PIE9.MACH.CS.CMU.EDU (Christopher Dingman) writes:
> > What's the secret? I just called two airshow locations to get their
> > show-control frequencies, and in both cases was told, "I'm sorry,
> > we don't give out that frequency."
> >
> > Okay, so my question: Why don't they give out the frequency?
> Generally I think people who own two-way aircraft band radios are smart
> enough to know about these potential problems and avoid them, [...]

My opinion is that you're a great optimist. Sad thing is that
you're likely to be proven wrong by some of the bozo's out
there. When I was at a local vintage air show, I talked to the
announcer after the show and asked the same set of questions.
He avoided details but said that during one flight of a B-17
escorted by 4 P-51's and a P-47, some [....] in the audience
tied up the main comm channel by asking them to make another
pass because the light wasn't right for the last one to make a
good picture. He said that there's also idiots out there who
take pleasure in just doing stupid things like throwing a
dead-carrier on a live channel. He said they also got someone
who tried protesting the "desert-storm" war by switching
channels and announcing anti-war slogans.

I did get out of him that they have a list of freqs that are
used in order. If you find a dead carrier on a channel or
someone who doesn't identify themselves correctly, then you
switch to the next one down the list. The lists are derrived at
each "flight", practice and show, and are different each time.

How much of this is smoke? I don't know but I accept the base
theory that some people are twits. :<
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

1588. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-09-03 13:48:40 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778789092@f747.n115.z1>
Source record: 269401

-=> Quoting Jamie Hanrahan, Kernel Mode Systems to All <=-

JHKM> From: jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems)
JHKM>
JHKM> In article <778277238@f747.n115.z1>,
JHKM> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:
> The only sure way of knowing is to look at the serial number and make
> sure there is not a letter 'A' before the serial number. The date code
> "3A4" and below are modifiable units.

JHKM> Oh, fine. I bought one based on the date code -- it says 3A4.
JHKM> However the serial number has an "A" prefix. I haven't tried the mod
JHKM> yet.

No kidding...you are the first one that I have heard where there is a
possibility that a 3A4 unit may not be modifiable. If you decide to try
the mod, let me know what you find out. That way, we can all correct our
information. In several scanner echos I visit, 3A4 and lower seems to be
the recommendation. If this is no longer the case, we would all like to
know.

JHKM> by the way, that "Monitoring Times" article you quoted missed the
JHKM> 54-88 restore mod.

I initially left it out because there are TV signals and pager signals in
this area for the most part. TV signals sound terrible with the NFM mode.
Also, there was a possibility that the unit needed to be re-aligned to
get better performance in this band. I went ahead and added this mod back
into the mod file.

Thanks, Jamie...
Jerry

1589. Re: !SECRET! Airshow Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-09-03 14:02:19 UTC
From: roy@mchip00.med.nyu.edu
Message-ID: <349vlb$ldd@cmcl2.NYU.EDU>
Source record: 269402
Cross-posted to: rec.aviation.misc,rec.radio.scanner

mtiernan@world.std.com (Michael C Tiernan) writes:
> during one flight of a B-17 escorted by 4 P-51's and a P-47, some [....]
> in the audience tied up the main comm channel
> [...]
> they have a list of freqs that are used in order. If you find a dead
> carrier on a channel or someone who doesn't identify themselves correctly,
> then you switch to the next one down the list. The lists are derrived at
> each "flight", practice and show, and are different each time.

Given that this is a warbird exhibition, it only seems fair that the radio work should include realistic simulations of war-zone radio procedures and counter measures, including electronic jamming, code-word ids, and secret frequency allocation :-)

--
Roy Smith <roy@nyu.edu>
Hippocrates Project, Department of Microbiology, Coles 202
NYU School of Medicine, 550 First Avenue, New York, NY 10016
"This never happened to Bart Simpson."

1590. Re: !SECRET! Airshow Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-09-03 14:32:47 UTC
From: ferguson@eisner.decus.org
Message-ID: <1994Sep3.103247.5307@eisner>
Source record: 269403
Cross-posted to: rec.aviation.misc,rec.radio.scanner

In article <1994Sep3.093327.12391@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
> bewaga@mailmaster.chvpkh.chevron.com (Bill Garnett) writes:
> : weeds. Fortunately no damage, or injuries. At any rate, I think it gave the
> : organizers a new appreciation for what might happen with hand held radios in
> : the stands. Picture, if you will, someone setting their radio down in such a
> : way as to depress the talk button. Nobody else will be able to use that
> : frequency.
>
> Hardly. It would interfere, but not stop communication. The transmitters
> in the control towers have far more power. The aircraft might not be able
> to answer back - although that is also unlikely - but that could be lived
> with until they got the idiot off the air.

More dangereous in some cases are instructions issued that sound real. If the tower failed to hear (say due to positioning on the ground) noone may have a chance to countermand it.

Getting the idiot off the air may take a long time. There was a case some time ago where an idiot (literally, mentally retarded) had a transceiver down near Roanok Virginia, and started talking to landing planes. At first it was real obvious he was not ATC, but after a while he got better and better at it. I forget how long, but it ages for anyone to actually track him down and catch him. Naturally the stupid media played it up so much I bet there were some copycats born.

So yes, of course such security by obscurity is not very effective. People with scanners and a bit of knowledge can identify such a frequency quickly. But it does make it just a bit harder for those people who do want to cause trouble, especially the stupid ones. If I saw a non-pilot with a scanner who was asking what the local ATC frequencies were I would tell him; if I say him with a transceiver I would be a bit reluctant to. And don't ask me why I think a pilot is safe, that's a silly assumption also. There are some malicious people out there who would think it would be a great joke to see if they could yell "Nxxxxx immediate right turn" or "Go around" and see if it worked. Heck, I met a commuter captain once who thought it was great fun to get up about 20,000', dial in Unicom, and say "Cessna on final go around before you hit him" and wonder how many airports he was heard at; heck most busier GA airports on a nice day have a cessna on final.

When you stop to think about it, with electronics so cheap, it's amazing air traffic control is less hassled by pranksters. So while the may be naive to think it prevents problems, I say more power to them for keeping quiet about frequencies and procedures.

- Linwood

Linwood Ferguson Ferguson@eisner.decus.org
Mgr. Software Engineering Voice: 703/967-0087
ARA Services
Louisa, Virginia, USA

1591. Re: Pro43 The truth - Apology

Newsgroup: rec.radio.scanner
Date: 1994-09-03 14:53:11 UTC
From: Bill McCall <70003.4300@CompuServe.COM>
Message-ID: <34a2knses2@mhadf.inhouse.compuserve.com>
Source record: 269404

In the thread, Pro43 the truth, I said that I had modified a unit with the 3A4 date and restored the cellular range. I really thought I had done that. But last night when I installed a new set of batteries I saw my unit was really a 1A4. I had forgotten that when I bought mine, I was looking for a 3A4 or earlier and after going through every one at my local store I had found a 1A4 model in among the 3A4s. I apologize to those I inadvertently mislead. It would seem the A at the end of the FCC-ID is the most definitive answer. To recap, my 43 with the Radio Shack name, with no A at the end of the FCC ID and No A in the serial number, and a 1A4 date was modifiable.

--
Clowns to the left of me, Jokers to the right, here I am stuck in the Internet with you!

1592. Re: !SECRET! Airshow Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-09-03 14:58:22 UTC
From: rah@netcom.com
Message-ID: <rahCvK6xC.Gyv@netcom.com>
Source record: 269405
Cross-posted to: rec.aviation.misc,rec.radio.scanner

Christopher Dingman (dingman+@PIE9.MACH.CS.CMU.EDU) wrote:

: What's the secret? I just called two airshow locations to get their
: show-control frequencies, and in both cases was told, "I'm sorry,
: we don't give out that frequency."

They are afraid of someone transmitting on that frequency at some
critical moment. Refusing to give out the frequency:

1) Keeps it out of the hands of those too dumb to scan for it.

2) relieves them of possible liability charges if someone does
transmit illegally.

--

| Richard Hyde | RaH@netcom.com | This space intentionally left blank |

1593. Re: DTMF decoder for PC?

Newsgroup: rec.radio.scanner
Date: 1994-09-03 15:11:12 UTC
From: coyote@fx.net
Message-ID: <34a3mg$msq@world.fx.net>
Source record: 269406

J. D. Hubbard (dhubba@access1.digex.net) wrote:
: Does anyone know of a PC-based program that uses a Sound Blaster
: compatible board to digitize and decode DTMF (touch-tone) digits?
: I know that there are several boxes available but surely there must
: be something PC based.

: Tnx in advance,

: J. D. Hubbard

In the radio files at oak.oakland.edu I found a file called
dtmf101.exe that might be useful. There are also two other files that use
soundblaster cards. One decodes weather fax and the other decodes morse
code.
Till later, Si B.

1594. Re: What is the difference between "handset" and "base" frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-03 16:42:29 UTC
From: mpalmer@encore.com
Message-ID: <CvKBqu.2oK@encore.com>
Source record: 269407

domonkos@access3.digex.net (Andy Domonkos) writes:

>Mike Palmer (mpalmer@encore.com) wrote:
>: What is the difference between "handset" and "base" cellular frequencies?

>About 45Mhz...Handsets run 824-849 Mhz, base (cell towers) 869-896 Mhz.

So the handset talks to the tower at 824-849 Mhz & the tower talks back at
869-896 Mhz? If one should accidentally monitor the tower frequency, would
one hear both sides of the argument?

1595. Advice on Grove filter?

Newsgroup: rec.radio.scanner
Date: 1994-09-03 17:56:21 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.778614981@vela.acs.oakland.edu>
Source record: 269408
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I have a pro 43 and a general purpose ant.mounted on my roof.The frequencies I listen in on (154-162)get a lot of interference(Iwas told from paging).Grove offers a notch filter#FTR5(p.35)that says it will reduce or eliminate this kind of interference.my questions are:

1)Do these filters work?can I still pick up the marine traffic while using this filter?

2)Does anyone have any experience with Groves"SP-200 sound enhancer"?

Thanks for any insight or opinions,please e-mail me or post.

NCS.

1596. Re: Questions: Digital Scanning, Cellphones, Transmissions

Newsgroup: rec.radio.scanner
Date: 1994-09-03 18:17:25 UTC
From: g9153402@huey.csun.edu
Message-ID: <34aejl$4a1@nic-nac.CSU.net>
Source record: 269409

[No readable article body recovered]

1597. Freqs. for the Red Berets in Denver

Newsgroup: rec.radio.scanner
Date: 1994-09-03 18:46:23 UTC
From: sternk@alumni.cs.colorado.edu
Message-ID: <34ag9v$94@lace.Colorado.EDU>
Source record: 269411

Does anyone have the frequencies the Red Berets use to keep in touch with each other?
Do they use Motorola Color Dots or do they have their own frequencies?
I couldn't find anything in Beyond Police Call.

~Ken

1598. Re: Advice on Grove filter?

Newsgroup: rec.radio.scanner
Date: 1994-09-03 18:53:03 UTC
From: jtbernier@aol.com
Message-ID: <34agmf$jgb@search01.news.aol.com>
Source record: 269410

In article <ncschult.778614981@vela.acs.oakland.edu>,
ncschult@vela.acs.oakland.edu (N C Schultheiss) writes:

> Grove offers a notch filter#FTR5(p.35)that says it will reduce or
eliminate this > kind of interference.my questions are:
>
> 1)Do these filters work?can I still pick up the marine traffic while
> using this filter?

I've got one (and a PRO-43)... It did not do the job I hoped for...
Essentially, the pagers are simply too strong from such a filter...

1599. Re: !SECRET! Airshow Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-09-03 19:07:25 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CvKIGD.C2p@freenet.carleton.ca>
Source record: 269412

In a previous article, dingman+@PIE9.MACH.CS.CMU.EDU (Christopher Dingman) says:

>
>What's the secret? I just called two airshow locations to get their
>show-control frequencies, and in both cases was told, "I'm sorry,
>we don't give out that frequency." I spoke with folks at the
>airshow information number (not surprising that they wouldn't give it
>out) and at the operations number, and even the tower. No luck. So then
>I thought, okay, I'll call about the NOTAM and ask Flight Service folks
>about the freq. Nope, they only have the NOTAM and no frequencies.
>
>Okay, so my question: Why don't they give out the frequency? It's not
>a major inconvenience since I'll have it ~ 5 minutes after I get
>there anyway, but I'd still like to know why this isn't given out!
>
>By the way, I wasn't looking for the Blue Angels/Thunderbirds freqs --
>I've already got a list of them to scan. :-)
>
>Thanks!
>
Did you ever stop to think that maybe the airshow staff may not know the
radio frequencies! I agree tower should know, but a quick look into the
flight supplements will give you the radio frqs. of the airport, the show
will quite often use one of those. It will probably be faster to scan...
As the users usally don't know (or care!!!) At our local airshow I asked
what comm frqs. (non-air) were being used (I'm a member of the Air Show
Association) Nobody knew as the radios were business band equipment that
was supplied for the event. The Motorola reps would know, but as far as
the show was concerned you just used the colour coded sets for your area
red for ops, blue for security, etc...

check 6,

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

1600. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-09-03 19:52:17 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-030994125308@lisaraip2.llnl.gov>
Source record: 269414

In article <726756154snz@javiaton.demon.co.uk>, Clough@javiaton.demon.co.uk
(Jonathan Clough) wrote:

SNIP

> Enter note code (Hit CR to end): 99
>
> 99 The manufacture and/or importation of this device must cease on
> June 23, 1999, pursuant to new Section 15.37 adopted in Docket 87-389.

1999 must be a typo.

The above opinions are mine, not those of LLNL.

Gary Ross
Shot Director ROSS@NOVAX.LLNL.GOV
Nova Laser Operations ROSSMAN@AOL.COM
Lawrence Livermore National Lab ROSSMAN@EWORLD.COM
P.O. Box 808 L-489
Livermore, CA 94551

1601. Re: Seeking scanner manuals.

Newsgroup: rec.radio.scanner
Date: 1994-09-03 20:00:51 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-030994130041@lisaraip2.llnl.gov>
Source record: 269415

In article <CvI8Ev.8M6@world.std.com>, mtiernan@world.std.com (Michael C Tiernan) wrote:
>
> Does anyone know the part numbers of the Radio Shack repair
> manuals for the PRO-43 and the PRO-2006? I can't find them and
> the local RS outlet is well... as useful as a Radio Shack outlet.

The 2006 manual is # 20-145/9145 and the 43 manual (for the restorable version) is # 20-300/9300.

Your local store can order them for you.

Gary

The above opinions are mine, not those of LLNL.

Gary Ross
Shot Director ROSS@NOVAX.LLNL.GOV
Nova Laser Operations ROSSMAN@AOL.COM
Lawrence Livermore National Lab ROSSMAN@EWORLD.COM
P.O. Box 808 L-489
Livermore, CA 94551

1602. Re: 162.550 mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-03 20:37:40 UTC
From: glr@ripco.com
Message-ID: <CvKMMt.FCE@rci.ripco.com>
Source record: 269416

David Waters (drw@esl.com) wrote:
: In article <CvGIKB.AxK@rci.ripco.com>, glr@ripco.com (Glen Roberts) wrote:

: <revelation about wx broadcasts deleted>
: >
: > Sorry, I only hear them on .400 .475 and .550
: >
: > ------------------------------------
: > Glen L. Roberts, Editor, Full Disclosure Magazine
: > Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
: > ------------------------------------

: So is it this born-with, natural radio-saavy that lets you broadcast on
: 5,810khz?

Nah... I got bitched at for posting "interesting" discussions in .radio.scaner,
so I figured I'd try something as bland as ya can get.

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

1603. Pro-43 modification report

Newsgroup: rec.radio.scanner
Date: 1994-09-03 20:57:32 UTC
From: crumrine@crsgi1.erenj.com
Message-ID: <1994Sep3.205732.15734@erenj.com>
Source record: 269418

Ok, here is my story. Pro-43, 12A3, model 20-300, FCC AA020-300,
sn low 70'2 no A prefix.

Did the mod. Moved d4 to d3. Opened up all 800, no more 30-54,
now have 68-88. Tried removing d3 altogether, still 800 but
nothing between 30-88. First valid freq at 118. Seems like the
choice is 800 and 68-88 (is there anything worthwhile here?)
or no 800 and 30-54. An interesting note, I stored a few freqs
in the 40s, and can direct up or down, but as soon as the loop
is made (ie 999) back to 118. And I suspect that the reading is
false because even though it appears to scan across 88->30 nothing
is picked up (for instance my hand held phone).

Of course I will immediately change it back to original spec since
I can't live without 30-54.

Mike

1604. NEED Cleveland Air Show Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-03 21:16:05 UTC
From: fe577@cleveland.Freenet.Edu
Message-ID: <34ap2l$dj7@usenet.INS.CWRU.Edu>
Source record: 269417

On Labor Day, I want to use my portable scanner to pick up control tower, gground to air, air to air, security, Blue Angels, and All air show participants. CAN YOU HELP ME BEFORE 9/5/94? Also I want to hear from someone who attended Saturday or Sunday and had successful scanning.

Check this out-- Want to go cheap? Park across the street in the Muny Lot for $4 , pull out a lawn chair, and enjoy all day long. I even hook my scanner headphone output with a mini adaptor to my car stereo through a cd to cassette adaptor. Talk about loud audio!

1605. Re: 162.550 mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-03 22:21:08 UTC
From: dave@frackit.UUCP
Message-ID: <5583@frackit.UUCP>
Source record: 269419

In article <CvGIKB.AxK@rci.ripco.com>, glr@ripco.com (Glen Roberts) writes:
- Rob110178 (rob110178@aol.com) wrote:
- : NOAA weather radio transmits on those stations in the US
- : you will hear them on the following frequencys:
- : 162.400
- : 162.425
- : 162.450
- : 162.475
- : 162.500
- : 162.525
- : 162.550
- : Hope it can help ya
-
- Sorry, I only hear them on .400 .475 and .550

Not surprising. The frequencies are spaced to prevent interference from adjacent transmitters. All the above freqs are valid but not all in the same place.

Rob probably should have said "you will hear them on one or more of the following frequencys"

--
Dave Ratcliffe vogon1!frackit!dave@cse.psu.edu
Harrisburg, Pa.

1606. Radio Shack New Product Line - Questions

Newsgroup: rec.radio.scanner
Date: 1994-09-03 22:40:54 UTC
From: g9153402@huey.csun.edu
Message-ID: <34au1m$ibl@nic-nac.CSU.net>
Source record: 269420

Got questions if any of the following is now modifiable:

I'm looking at the new, 1995 Radio Shack catalog. Page 30 shows their 800 mhz home scanners. They now have five models, with four being new. Are any of them modifiable? Has anyone found out the procedure to modify them, or are they totally unmodifiable unless one is a rocket scientist? The scanners pictured are:

PRO-2035 $449.99 It looks like their best scanner ever made, with 1000 channels, and a whole bunch of other goodies. I would buy one, if I won the lottery. Looks great, but since it's new for 1995, does that mean it's unmodifiable?

PRO-2036 $319.99 Nice unit too, but is it modifiable?

PRO-2037 $299.99 Nice unit too, but is it modifiable?

PRO-2039 $229.99 Nice unit too, but is it modifiable?

PRO-2030 $199.99 This is the only unit being sold that also was sold last year. I own one of these, and did modify it by cutting a diode, and it now does scan in the previously unusuable 800 mhz band, in the proper 30 khz spacing. But do the newer units still posess this capability, or are these now unmodifiable? When was the cut-off date? How do you tell an unmodifiable unit from a modifiable one without having to open up the unit?

Any info appreciated...

1607. Radio Shack - PRO-2030

Newsgroup: rec.radio.scanner
Date: 1994-09-03 22:42:14 UTC
From: g9153402@huey.csun.edu
Message-ID: <34au46$ibl@nic-nac.CSU.net>
Source record: 269421

**
BC> Any mods known for the Radio Shack Pro-2030? Keyboard preferred, but
BC> hardware mod OK too, if that is all there is. Please post or e-mail.
BC> Thanks.

Product: Realistic PRO-2030 by Radio Shack
Purpose: Restore full 800 Mhz coverage

** Disclaimer...Modification of receiver will void the warranty of your unit. All modifications are done at your own risk.

** Monitoring of certain portions of the 800 Mhz band is prohibited by United States law.

** READ THIS!! IMPORTANT!! DO NOT PROCEED UNTIL YOU HAVE READ THIS!!**

New versions of the '2030 have been coming on the market that do not have L201. This is to comply with Federal US law. The jury is still out on whether the mod can still be performed even though L201 is no longer installed.

Modification of PRO-2030 for full 800 Mhz coverage with 30 khz stepping available. (Valid for models manufactured before May, 1994.)

1. Take out the screws at the bottom to open the 2030.
2. Look down into the top of the unit, behind the front panel, and locate a metal loop labeled L201.
3. Clip that part and move the two pieces slightly away from each other.
4. Re-assemble unit.

If your unit ever needs service, you can bend the two pieces back together and no one would know that the part had ever been snipped, due to it's rigidity.

1608. Lousy outdoor antenna or good indoor antenna?

Newsgroup: rec.radio.scanner
Date: 1994-09-03 23:35:47 UTC
From: firefly@omni.voicenet.com
Message-ID: <firefly-0309941933230001@firefly-slip.voicenet.com>
Source record: 269422

I live in an apartment building, and can't erect a 20' mast with an all band discone type antenna. But I have a terrace, and have been placing a standard single aerial antenna outside when I use my scanner (Pro2006). I'd like to get a better antenna, but my choices are limited if it is going outdoors. Would I be better off buying something that could be used inside? Or something less capable, but more hidden for outside use?

firefly@omni.voicenet.com

1609. Email newsletter for beginners!

Newsgroup: rec.radio.scanner
Date: 1994-09-03 23:58:06 UTC
From: rbellville@aol.com
Message-ID: <34b2ie$nqd@search01.news.aol.com>
Source record: 269423

ATTENTION RADIO NEWCOMERS!

Are you interested in radio communications but don't have enough information? Do you have questions but no one to ask? Are you looking for a publication geared toward the novice radio enthusiast?

***** FIRST CONTACT *****

"First Contact" is a newly forming publication. An electronically distributed email newsletter via the Internet for the beginner. Here is a forum to get the information you're craving. Get involved in this fascinating hobby! Scanning, ham radio, shortwave listening, CB radio, General Mobile Radio System (GMRS), etc. will all be covered.

You input is essential to the success of this publication. I need to know what you want to know and what subjects you want covered in the newsletter. I will attempt to publish on a monthly basis, possible bi-weekly if there is enough interest.

The only "cost" on your part is to fill out the following subscription form completely. A classified section is being contemplated with a small fee to advertise. Hard copies will be available to those without email access. Please contact me for details.

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Please email this and any correspondence to rbellville@aol.com or:

Rob Bellville, N1NTE
PO Box 515
Millbury, MA 01527-0515
Thanks!

---------->cut here<----------

Name:
Ham callsign (if any):
Email address:
Mailing address:

Radio interests (Scanning, ham radio, SWL, CB, etc.):

Years involved in radio:
Are you experienced in any area of radio
communications?:
If yes, describe and are you interested in being an
author of short articles?:

Other radio publications regularly read:

What specific subjects or questions would you like to read
about? (Give as many as you can, please!):

How much do you think is fair to pay for classified
advertising in this newsletter?

Answer "YES" if you wish to have your mailing address
made available to radio related dealers and man-
ufacturers to send you their product info. If you answer
"NO" all your info will remain confidential:

Please tell me any other comments that you have:

----------------Please email to rbellville@aol.com-----------------

1610. Re: No more alt.radio.sca

Newsgroup: rec.radio.scanner
Date: 1994-09-04 01:05:05 UTC
From: shawn4sk1@aol.com
Message-ID: <34b6g1$onn@search01.news.aol.com>
Source record: 269424

In response to Dave Ratcliffe's posting on 9/3/94:

Oh Dave, we just don't see a need for two groups discussing the same issues. We're not attempting to re-write the rules here...

For the heck of it, I checked the number of postings to alt.radio scanner yesterday. Where there were 8 postings to alt.radio.scanner, there were 34 postings to rec.radio scanner- obviously, rec.radio.scanner has twice or more postings to it on any given day anyway... Alot of us feel it's the cross-postings that have turned us off. Paul Cordingley was trying to come up with a reasonable use for alt.radio.scanner but I guess I've said it before and am in agreeance with another- "there's nothing we could post on alt.radio.scanner that we couldn't post on rec.radio.scanner...".

See you on rec.radio.scanner,

Shawn4SK1

1611. I really need these...

Newsgroup: rec.radio.scanner
Date: 1994-09-04 01:07:41 UTC
From: odysseus@netcom.com
Message-ID: <odysseusCvKz4t.MHq@netcom.com>
Source record: 269425

I really need to get ahold of a list of the most commom freq's for corless phones..for hearing both sides of the convorsation..please email to me, or post it here for others knowledge..i'd like to get it in email though..thanks...

1612. Re: What is the difference between "handset" and "base" frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 01:22:03 UTC
From: g9153402@huey.csun.edu
Message-ID: <34b7fr$rdv@nic-nac.CSU.net>
Source record: 269426

Mike Palmer (mpalmer@encore.com) wrote:
> domonkos@access3.digex.net (Andy Domonkos) writes:

> >Mike Palmer (mpalmer@encore.com) wrote:
> >: What is the difference between "handset" and "base" cellular frequencies?

> >About 45Mhz...Handsets run 824-849 Mhz, base (cell towers) 869-896 Mhz.

> So the handset talks to the tower at 824-849 Mhz & the tower talks back at
> 869-896 Mhz? If one should accidentally monitor the tower frequency, would
> one hear both sides of the argument?

I'm confused. Could someone explain what the above means? On my scanner,
where I live, 824-849 mhz is quite dead. Nothing there. But on 869-896
there are loads of 'two-way' conversations, although one side is often
harder to hear then the other. Also, anything listened here, I often
will not here the entire conversation, as the systems change frequencies
and/or cell sites often.

1613. Re: I really need these...

Newsgroup: rec.radio.scanner
Date: 1994-09-04 01:38:58 UTC
From: g9153402@huey.csun.edu
Message-ID: <34b8fi$rsd@nic-nac.CSU.net>
Source record: 269427

Patti L. Maio (odysseus@netcom.com) wrote:
> I really need to get ahold of a list of the most commom freq's for
> corless phones..for hearing both sides of the convorsation..please email
> to me, or post it here for others knowledge..i'd like to get it in email
> though..thanks...

Searching 46 mhz - 49 mhz you should find some, if you're in a populated
area. A particularly busy frequency in my area is 46.63 mhz. Some
local store must of had some sale on this model that uses this
frequency, so I see it used a lot.
If you live out in the boondocks, though, you may find nothing.
Also, in the 49 mhz range are some of those 'baby monitors', where a
parent can hear the baby in another room. You may also hear the
family arguing as the baby cries.
But, anyway, some jurisdictions have laws about monitoring cordless
phones. Also, some newer cordless phones broadcast somewhere in the
900 mhz range, and some scramble the conversations.

1614. Re: Lousy outdoor antenna or good indoor antenna?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 01:39:25 UTC
From: bobscott@access1.digex.net
Message-ID: <34b8gd$rok@access1.digex.net>
Source record: 269428

Tough call without knowledge of your particular circumstances, but generally an outside antenna is best. Signal strength will be higher and it will probably be isolated from RF noise sources in your apartment (computer, baby monitor :-), etc.). Use good quality coax that is rated for the highest frequency you'll listen to. This usually rules out RG-58 ("CB" coax). Use 75 ohm RG-59 (cable TV coax) if you can't fit RG-8 through the window or whatever. Don't get into a lather over the impedance vs 53 ohm RG-8. The broad frequency range of the scanner, and its sensitivity make a 20 ohm mismatch pretty meaningless.

On the other hand, if your next door neighbor is arc-welding on his balcony every evening, stick with the mag-mount on the fridge.

Cheers,
Bob
--
Bob Scott Internet: bobscott@digex.com CompuServe: 73125,1437
"Everybody's got a story..." Mike Hammer

1615. Re: Pro-43 modification report

Newsgroup: rec.radio.scanner
Date: 1994-09-04 01:40:32 UTC
From: mulligan@ACM.ORG
Message-ID: <34b8ig$ltn@hopper.acm.org>
Source record: 269429

crumrine@crsgi1.erenj.com (MDCRUMR Crumrine) wrote:

> Did the mod. Moved d4 to d3. Opened up all 800, no more 30-54,
> now have 68-88. Tried removing d3 altogether, still 800 but
> nothing between 30-88.

Two items to note:
Removing diode D2 will disable the 30-54 MHz range. It's possible that this diode (or the trace leading to it) was damaged during the installation of diode D3.
If the 6-wire connector between the top and bottom boards is not aligned correctly during re-assembly, you can lose the enable signal to the front end for the 30-88 MHz section.

From the description, I'd say D2 was partially unsoldered.
/* barry /&

1616. Re: Lousy outdoor antenna or good indoor antenna?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 01:57:20 UTC
From: g9153402@huey.csun.edu
Message-ID: <34b9i0$sls@nic-nac.CSU.net>
Source record: 269430

firefly@omni.voicenet.com wrote:
> I live in an apartment building, and can't erect a 20' mast with an all
> band discone type antenna. But I have a terrace, and have been placing a
> standard single aerial antenna outside when I use my scanner (Pro2006).
> I'd like to get a better antenna, but my choices are limited if it is
> going outdoors. Would I be better off buying something that could be used
> inside? Or something less capable, but more hidden for outside use?

> firefly@omni.voicenet.com

I guess you can try Radio Shack's all-band ground plane antenna on
your terrace ($29.99 20-014). The thing is six feet tall, but narrow,
and a couple people in this newsgroup have had good success with it.
I, myself, just use RS magnetic mount antenna ($29.99 20-012) mounted
on top of a metal bookcase by a window which has a good clear view of
the outside. It works fine for me, as I get 1000s of frequencies. This
may be because I live in the San Fernando Valley/Northridge area of
Los Angeles, and the area is full of radio transmissions. But I suggest
experimenting...

1617. Re: PRO-43 the truth

Newsgroup: rec.radio.scanner
Date: 1994-09-04 02:20:04 UTC
From: mulligan@ACM.ORG
Message-ID: <34bask$m3j@hopper.acm.org>
Source record: 269431

ROSS@NOVAX.LLNL.GOV (Gary Ross) wrote:

> 1999 must be a typo.

Nope, 47 CFR 15 was revised effective 23 June 1989. Manufacturers of all receivers must comply with the new rules within the 10 year transition period. Other unlicensed equipment had a five year cutoff.
/* barry /&

1618. Re: !SECRET! Airshow Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-09-04 03:08:07 UTC
From: nolanm@sage.cc.purdue.edu
Message-ID: <nolanm.778647976@sage.cc.purdue.edu>
Source record: 269432
Cross-posted to: rec.aviation.misc,rec.radio.scanner

billn@hpcvaac.cv.hp.com (bill nelson) writes:

>Hardly. It would interfere, but not stop communication. The transmitters
>in the control towers have far more power. The aircraft might not be able
>to answer back - although that is also unlikely - but that could be lived
>with until they got the idiot off the air.

I don't think so. there was a minor stink a few years ago I think
when the FAA downrated some transmitters. The twoer no longer has the
wattage to drown out erroneous transmissions.

1619. Re: C.S.U.N. security freq.

Newsgroup: rec.radio.scanner
Date: 1994-09-04 03:50:07 UTC
From: andrewj514@aol.com
Message-ID: <34bg5f$qvo@search01.news.aol.com>
Source record: 269433

In article <304sju$5r9@nic-nac.CSU.net>, hbcsc055@huey.csun.edu (Chisel) writes:

153.74

1620. Re: Six Flags Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 03:51:01 UTC
From: andrewj514@aol.com
Message-ID: <34bg75$r08@search01.news.aol.com>
Source record: 269434

In article <3080vv$9mi@ankh.iia.org>, stessej@iia.org (Jay) writes:

IN VALENCIA, SECURITY USES 154.515

1621. Re: Illegal to monitor cordless?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 04:03:50 UTC
From: jtomason@li.net
Message-ID: <34bgv6$dan@linet02.li.net>
Source record: 269435

In article <348qcp$7pi@search01.news.aol.com>, shawn4sk1@aol.com (Shawn4sk1) says:
>
>I know it's illegal to monitor cellular but is it illegal to monitor
>cordless phones? I see all the scanners that can monitor cellulars being
>wiped out but I've heard nothing about cordless...

The Electronic Communications Privacy Act of 1986 (ECPA) outlawed
the monitoring of cellphones, all pagers except tone-only, and
"any radio conversation that ends in a normal telephone connection"
(or some other equal description). Cordless phones were specifically
EXEMPTED from the ECPA, so on the Federal level they are AOK to
listen to. However, you'll want to check the laws in your state;
the ECPA didn't say that it was LEGAL to do so, just that the
ECPA didn't apply. So there could be a state law covering it.

I, however, have never heard of one.

When you think about it, it's ludicrous. Cell phone converstations
can be picked up 20 or so miles away from the caller, change frequencies
every so often (as they go to a new cell site), and are very hard to
track. It's also almost impossible to monitor a PARTICULAR cell-phone.

However, to monitor a particular CORDLESS is no trick. Any scanner
can scan the *10* cordless channels (on 46Mhz units) in less than a
second. So even if the phone is channel-changeable (not all are),
finding where they went is no trick at all. Plus, since they
are limited to 700' or so from the base, it's not like there's a
chance they will be hard to find. So tell me, which system needs
eavesdropping protection? Apparantly, Congress bought the cell
industry's notion that cell service did. (I'm sure some donations
helped THAT idea, eh?) Another bad law passed by a technically
brain-dead Congress.

****
* :JOE TOMASONE: GOD IS REAL; UNLESS DECLARED INTEGER *
* INTERNET: jtomason@li.net AMPR AX.25: N2MUO@N2BQF.#NLI.NY.USA *
****

1622. Re: !SECRET! Airshow Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-09-04 04:46:12 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Sep4.044612.27858@hpcvaac.cv.hp.com>
Source record: 269436
Cross-posted to: rec.aviation.misc,rec.radio.scanner

nolanm@sage.cc.purdue.edu (Michael Nolan) writes:
: billn@hpcvaac.cv.hp.com (bill nelson) writes:
:
: >Hardly. It would interfere, but not stop communication. The transmitters
: >in the control towers have far more power. The aircraft might not be able
: >to answer back - although that is also unlikely - but that could be lived
: >with until they got the idiot off the air.
:
: I don't think so. there was a minor stink a few years ago I think
: when the FAA downrated some transmitters. The twoer no longer has the
: wattage to drown out erroneous transmissions.

It didn't seem to make any difference. They still have far superior
antennas. For every airport that I have ever flown into, I could hear
the tower much more clearly than any of the aircraft in the traffic
pattern. On the occasions where someone had an accidentally keyed
mike - I could hear the tower, but not other aircraft, through the
heterodyne.

Bill

1623. Re: Advice on Grove filter?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 04:50:04 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Sep4.045004.28008@hpcvaac.cv.hp.com>
Source record: 269437

jtbernier@aol.com (JTBernier) writes:
: In article <ncschult.778614981@vela.acs.oakland.edu>,
: ncschult@vela.acs.oakland.edu (N C Schultheiss) writes:
:
: > Grove offers a notch filter#FTR5(p.35)that says it will reduce or
: eliminate this > kind of interference.my questions are:
: >
: > 1)Do these filters work?can I still pick up the marine traffic while
: > using this filter?
:
: I've got one (and a PRO-43)... It did not do the job I hoped for...
: Essentially, the pagers are simply too strong from such a filter...

If the pagers do not overload your scanner, with the antenna disconnected,
then you should be able to purchase or make a notch filter that would be
sufficient.

Bill

1624. Re: PRO-51 goes bye bye

Newsgroup: rec.radio.scanner
Date: 1994-09-04 05:10:29 UTC
From: DPalmer@ix.netcom.com
Message-ID: <34bks5$407@ixnews1.ix.netcom.com>
Source record: 269438

In <CvJ9Hn.EzI@sgb.oau.org> steven@sgb.oau.org (Steven Bradley) writes:
>
> This is getting more interesting.
>
> I've got a new name for the FCC, the F*cking Communication Commission.
>
> I know I ignore them, does anyone else? I'd like to see some of
> corporate america flip the middle finger at them too and say here it
> is, modifiable and for sale, what are you going to do about it? If
> you fine us, we won't pay, if you harrass us enough we'll take you and
> the issue to court, by the time we're done, your commission will be up!
>
> We need to get organized and show the FCC we mean business -- meaning
> deliberate and intentional violation of their unconstitutional
> policies. We need to show them they are "elected" and not having a
> God given right to rule in such manner. Join me in deliberate and
> intentional violations of their dumb, stupid, unconstitutional rules!
>
> Since I do not own a single transmitter, I have no need for any
> license or permit from them -- and as per receivers, that's none
> of their business! FCC -- go screw someplace else, another country
> preferably!
>
>Steven
>--
>Internet: steven@sgb.oau.org | Steven G. Bradley
> steven@gate.net | Forest City, Florida
> steven@transquest.oe.fau.edu |------------------------
>CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
>America Online: sgbradley@aol.com | Modem: 407/862-8088
>
>
>Here's a message for our "friends" at:
> ___
>THE FFFFFF | | Protect our airwaves,
> F |_/| do NOT buy non-cellular
> FFFFFF |:::| capable scanners!
> F |:::|
> F FEDERAL |:::| BOYCOTT the made for
> ___ |<#>| ___ U.S. market scanners!
> CCCCC /=-=\|:::|/=-=\ __
> C |:::||:::||:::|/--\ Buy non-U.S. scanners!
> C |:::||:::||:::||::|
> C COMMUNICATIONS |:::||:::||:::||::| Remember the TDDRA at

> CCCCC |=*=::=*=::=*=::**| election time!
> |:::::::::::::::::/
> CCCCC |::::::::::::::::/ IGNORE the law!
> C \::::::::::::::/
> C |::::::::::::/ Cellular Users BEWARE!
> C COMMISSION |::::::::::::|
> CCCCC I WILL BE LISTENING!!
>

I have reffered to them as the Fedearl Communist Comission for quite some time now. They used to only affect my employment, now they are trying to strangle one of my hobbies (and darned near have the last breath choked out of it), soon they will be in charge of regulating THIS very free and well run form of communications. WAKE UP AMERICA, before it's too late.
--

David Palmer DPalmer@ix.netcom.com
Monterey, California 4108@mgs.com
MPTV Cable, Western Communications

1625. Socal Plat Security

Newsgroup: rec.radio.scanner
Date: 1994-09-04 06:18:26 UTC
From: sirfitz@kaiwan.com
Message-ID: <34bori$oqb@kaiwan.kaiwan.com>
Source record: 269439

Anyone know the freqs for the Plat security company on SoCal?
--
--------------///---
|Sir Fitz __ /// sirfitz@kaiwan.com QLink: Sir Fitz |
| \\\/// sirfitz@qedbbs.com fitzh001@cerritos.edu |
----------\XX/---

1626. Re: I really need these...

Newsgroup: rec.radio.scanner
Date: 1994-09-04 06:47:00 UTC
From: mulligan@ACM.ORG
Message-ID: <34bqh4$n9a@hopper.acm.org>
Source record: 269440

odysseus@netcom.com (Patti L. Maio) wrote:
> ... a list of the most commom freq's for corless phones

From the FAF - Frequently Asked Frequencies file on oak.oakland.edu -

Cordless Telephone

Channel Base Handset

1 46.610 49.670
2 B 46.630 49.845 Chs A - E handset
3 C 46.670 49.860 frequencies are also
4 46.710 49.770 used for baby room
5 D 46.730 49.875 monitors and low power
6 A 46.770 49.830 handie-talkies
7 E 46.830 49.890
8 46.870 49.930
9 46.930 49.990
10 46.970 49.970

Panasonic KX-T9000 base 902.100-903.870 { 60 channels
handset 926.100-927.870 { 30 kHz spacing

VTech Tropez 900DX base 905.600-907.500 { 20 channels
(digital) handset 925.500-927.400 {100 kHz spacing

AT&T #9120 902.0-905.0 / 925.0-928.0 }
OTRON CORP. #CP-1000 902.1-903.9 / 926.1-927.9 } unconfirmed
SAMSUNG #SP-R912 903.0 / 927.0 }

1627. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-09-04 07:42:01 UTC
From: sean@sdg.dra.com
Message-ID: <1994Sep4.024201@sdg.dra.com>
Source record: 269441

In article <1994Aug30.230906.4480@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
> can record eight hours straight at EP. The fun thing here is that while there
> may be problems with "the authorities" setting up video survelliance systems,
> there's nothing on the books to stop private citizens from doing so...

For video I think you are still correct. But be sure to unplug the microphone.

--
Sean Donelan, Data Research Associates, Inc, St. Louis, MO
Domain: sean@dra.com, Voice: (Work) +1 314-432-1100

1628. MIR space station freqs?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 07:44:42 UTC
From: henry@g0gku.demon.co.uk
Message-ID: <778664682snz@g0gku.demon.co.uk>
Source record: 269442

Has anyone got any good frequencies for MIR? I have been trying to scour
my listings for them, but found nothing conclusive, accept for a
reference to Russian telemetry at mhz135.625 if memory serves.
Thanks

--
Henry Brugsch
aka hbj elsewher, CIS: 75366.317.com
hbj@bix.com, Moderator of adaptive.tech conference, bix
(Join adaptive.tech)
The freedom of information is a right not a privilege.

1629. Re: Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-09-04 10:14:14 UTC
From: schedler@src.dec.com
Message-ID: <34c6lm$qba@src-news.pa.dec.com>
Source record: 269443

```
|> But, alas, if you use a freeway callbox, or call the CHP through 911, in
|> California if you say your car has broken down, and then you say you're
|> an Auto Club member, they will automatically forward your call to the
|> AAA from the CHP operator, so you can talk to them...

And if you do use one of those freeway callboxes, you'll be charged
$100, no matter what your problem is. They've got the goddamned things
placed every 1/2 mile, I guess they'll make us pay for them somehow.

--Richard
```

1630. Re: RADIO SHACK QUESTION

Newsgroup: rec.radio.scanner
Date: 1994-09-04 10:33:49 UTC
From: ian@isis.demon.co.uk
Message-ID: <778674829snz@isis.demon.co.uk>
Source record: 269444

In article <linleyCvIoqM.2Kq@netcom.com>
linley@netcom.com "Bruce James Robert Linley" writes:

> In ye olden post shawn4sk1@aol.com (Shawn4sk1) spake...
> >In response to RS having scanners w/no gaps.
> >
> >Answer: No, they don't. The FCC doesn't allow it.
>
> What about non-US Radio Shack stores where FCC rules mean diddley and radio
> listening freedom exists.
>

Nope, RS just don't make/badge a 25 - 1300 continuous coverage receiver. Why should they ? The vast majority of their market is within the US and the US laws are apparently sticky, and getting stickier by the day, about continuous coverage receivers.

I can't decide if the ridiculous US restrictions are good or bad news for the rest of us. On the one hand, there will be large inventories which will have to be dumped which is good news, but on the other hand there will be a smaller market for full coverage receivers which is bad news. Time will tell.

Mind you, the US situation is a lot more logical than the UK one. In the UK, intentional listening to the vast majority of frequencies is illegal, but the buying and selling of equipment to do so isn't. What you don't find much of in the UK is frequency lists, which are regarded as encouraging illegal activity. Even this is beginning to slip and there's at least two full listing books.

Just occasionally the authorities, in the form of the plod, get totally pissed off and get a bit heavy, resulting in such things as the famous alien landing sting. That appears to have gone into scanner mythology, but I'd be surprised if it didn't work again.

Ian.
--

| Ian Smith | "The Moving Finger writes;
| ian@isis.demon.co.uk | and, having writ, Moves on."

1631. Galveston Ferry Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-04 12:27:00 UTC
From: russell.wright@xoanon.com
Message-ID: <9409051440132101@xoanon.com>
Source record: 269445

The following frequencies are in use at the landings for the ferry in Galveston and Pt. Bolivar, Texas:

Galveston side: 460.225 simplex, handhelds used by the Galveston PD directing traffic, keeping people in line, and writing tickets for 'bunnies' (people who jump from one line to another). It is a hot, long wait at times and interesting monitoring when tempers flare.

Pt. Bolivar side: 154.950 simplex, handhelds used by Galveston County deputies for the same thing.

The ferry itself may be monitored on VHF Marine channel 13.

russell@xoanon.com

cc: r.barker11@genie.geis.com
6401294@mcimail.com

1632. Re: Advice on Grove filter?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 12:54:02 UTC
From: jtbernier@aol.com
Message-ID: <34cg1a$3s7@search01.news.aol.com>
Source record: 269446

In article <1994Sep4.045004.28008>,
billn@hpcvaac.cv.hp.com (bill nelson) writes:

> If the pagers do not overload your scanner, with the antenna
disconnected,
> then you should be able to purchase or make a notch filter that would
be
> sufficient.

Unfortunately, overload is exactly my problem... With no antenna, I can pick up these pagers within about 5 miles of their tower site. While the Grove filter does reduce that range, it also acts as an attenuator for the rest of the bands...

The other thing which is not apparent from looking at the catalog is the size of the FTR-5... the thing is huge... a good six inches long with a one inch diameter.

JTBernier@aol.com

1633. Re: Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-09-04 13:16:47 UTC
From: af546@yfn.ysu.edu
Message-ID: <34chbv$3ug@news.ysu.edu>
Source record: 269447

How does that worl, k
By credit card?

If I stop and use it to notify of an accident douwn the road and then
leave will a bill be sent to my house on the east coast?

--

1634. Pro43 modification report: follow up

Newsgroup: rec.radio.scanner
Date: 1994-09-04 13:19:26 UTC
From: crumrine@crsgi1.erenj.com
Message-ID: <1994Sep4.131926.28133@erenj.com>
Source record: 269460

OK, several people have written to say that they did the mod, and retained 30-54. But none of them moved d4 to d3, they just removed d4. What I suspect is that I damaged d2 while removing d4 the first time :-\. Oh well, I'll order another diode and report back when it is installed.

Mike

1635. Re: !SECRET! Airshow Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-09-04 13:37:00 UTC
From: sysop@pfzrfsg.com
Message-ID: <29e.2206.21@pfzrfsg.com>
Source record: 269448

```
* In a message originally to ALL, Andy Domonkos said:

AD> I guess it's their butt-headed mentality. I called a local Maryland
AD> control tower to get their long/lat positions for a flight
AD> simulation scenario I was developing and they refused to give it out
AD> (like anyone couldn't drive over there w/a GPS unit in-hand).

Seems *very* strange that a tower would try to keep their latitude and
longitude secret; makes for some very tough flight planning!

In any case, the Airport/Facility Directory, published every 8 weeks by the
Department of Commerce (NOAA), lists the precise latitude and longitude of
nearly all airports (private and public) in the country. It is issued in 7
volumes: Northeast, Southeast, South Central, North Central, Southwest, and
Northwest. Much easier and more accurate than driving over with a GPS! :-)

The book should be available from any outlet that sells aeronautical charts.

---------------------------------------------------------------------------
Internet E-Mail: sysop@pfzrfsg.com (System Supervisor)
---------------------------------------------------------------------------
```

1636. Re: C.S.U.N. security freq.

Newsgroup: rec.radio.scanner
Date: 1994-09-04 14:05:39 UTC
From: g9153402@huey.csun.edu
Message-ID: <34ck7j$rvh@nic-nac.CSU.net>
Source record: 269449

AndrewJ514 (andrewj514@aol.com) wrote:
> In article <304sju$5r9@nic-nac.CSU.net>, hbcsc055@huey.csun.edu (Chisel)
> writes:

> 153.74

I also have 154.54

1637. Re: Illegal to monitor cordless?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 14:44:04 UTC
From: grady@netcom.com
Message-ID: <gradyCvM0xM.Dx1@netcom.com>
Source record: 269450

It is not currently a *federal* crime to monitor cordless
(but that may change with the new FBI wiretap bill), but some
states such as California has made it a crime for some time now.

The first offense is a $500 infraction and goes up exponentially
from there. :-)

"For legal advice, consult an attorney"

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

1638. Re: Airforce 2

Newsgroup: rec.radio.scanner
Date: 1994-09-04 15:22:04 UTC
From: glr@ripco.com
Message-ID: <CvM2ot.8Jv@rci.ripco.com>
Source record: 269451

Keith Elgin (Keith@elgin.demon.co.uk) wrote:
: I have just seen on the news today that Airforce 2 is arriving at Dublin
: airport on Wednesday 7th of September. Can anyone help me out with VHF/UHF
: frequencies for the secret service and any other agencies relating to the Vice
: President. I am a regular Mystic Star listener so HF is not a problem but
: never thought I would get a chance to listen to any of the VHF/UHF comms.

: If anyone can assist please connect me as soon as possible either by this
: newsgroup of by email.

I hear phone calls on 415.700mhz on AF1&2... dunno if that will help you
or not.

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

1639. WX. by finger?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 16:06:49 UTC
From: mcdowelm@ios.com
Message-ID: <34crap$33e@ankh.iia.org>
Source record: 269452

What is the address to 'finger' the National Weather Service or NOAA?
for NYC.
mcdowelm@ios.com Mike... :-)

1640. Re: 10 Codes for Washington State

Newsgroup: rec.radio.scanner
Date: 1994-09-04 16:30:31 UTC
From: Thomas Mitchell <thmitchell@delphi.com>
Message-ID: <xq-R+LP.thmitchell@delphi.com>
Source record: 269453

If you mean Washington State Patrol, they don't use 10 codes

1641. Re: New RS Nicad Cahrgers

Newsgroup: rec.radio.scanner
Date: 1994-09-04 16:33:12 UTC
From: domonkos@access.digex.net
Message-ID: <ruUQkiubGIH4066yn@access.digex.net>
Source record: 269454

In article <002304Z03091994@anon.penet.fi>, GoatRoper wrote:
>
>
> Layman's Evaluation of the Radio Shack Ni-Cd Charger/Conditioners
> 23-242 and 23-243
>
.....
> Overall Comments:
>
>
> I had four cells on their deathbeds. One had a bad memory problem,
> and 3 were close. After using these units with them, all four cells
> _appear_ to have been returned to a regular service life. While, this
> is premature and I need to time their charge life to known good cells as
> well as do voltage tests, so far they seem to have been saved from the
> trash can for the time being.
> I use nicads extensively. I have about 7 items I use very often that
> require the constant use of batteries. These units cut down on the time
> they need to be "cooking up", as well as give me the satisfaction that I
> know I am getting a set of batteries all equally charged and ready to work
> for me.
>
> Prices: The prices are about $17 for the AA charger and $22 for the
> larger unit.
>
>
> This file may be distributed, provided it is kept complete, including the
> date of release, as well as my IDs.
>
> Date of release: 01 September 1994
>
> Send comments or questions to:
>
> Jwilkerson@delphi.com
> jwilkers@freenet.columbus.oh.us
> john.wilkerson@tcr.com

I have been using the $22 Charger/conditioner and have had similar results
above. I avoided the AA 3 hours quick charge/conditioner based on the sole
reason that unless you use AA Ni-cads designed for fast charges (<5 hours)
you will shorten the battery life and capacity dramatically. The standard
Ni-cads on the market (6-14 hours charge time) are not designed to chemically
re-combine the oxygen generated during the quick-charge process. There are
manufacturers that sell 1 hour charge batteries and those would work fine.

The RS Ni-cads, even their high capacity batteries, are not made for 1-2 hour charges (regardless of what the RS employee tells you).

The 7 hour charger/conditioner is highly recommended. You manaully discharge the batteries using a switch. This is fine, since the circuit brings the batteries down to about .5 - .6 volts/cell, and this is where the batteries come as close as possible to factory formed levels. The only drawback is the charger doesn't switch off after the 7-8 hours recommended. No problem, if you exceed this for a few hours no harm done, but do not get into the habit of doing this. I use a timer that I set for 7 hours. This guarantees no over-charge. Warm (not hot) batteries are fine, as long as there is no venting of electrolyte (odors). If this happens, some battery capacity has been lost but is still usable.

Hope this helps. Overall, 5 - 7 hour chargers will work w/all the nicads on the market. Anything less than 5 hours should be used w/batteries meant specifically for this application.

1642. Re: What is the difference between "handset" and "base" frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 16:33:17 UTC
From: domonkos@access.digex.net
Message-ID: <X7VQkiubGMpU066yn@access.digex.net>
Source record: 269455

In article <CvKBqu.2oK@encore.com>, Mike Palmer wrote:
> domonkos@access3.digex.net (Andy Domonkos) writes:
>
> >Mike Palmer (mpalmer@encore.com) wrote:
> >: What is the difference between "handset" and "base" cellular frequencies?
>
> >About 45Mhz...Handsets run 824-849 Mhz, base (cell towers) 869-896 Mhz.
>
> So the handset talks to the tower at 824-849 Mhz & the tower talks back at
> 869-896 Mhz? If one should accidentally monitor the tower frequency, would
> one hear both sides of the argument?

Generally both sides can be heard on the tower output.

Andy

1643. Re: What is the difference between "handset" and "base" frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 16:33:22 UTC
From: domonkos@access.digex.net
Message-ID: <88VQkiubGMu0066yn@access.digex.net>
Source record: 269456

In article <34b7fr$rdv@nic-nac.CSU.net>, Berton Corson wrote:
>
> I'm confused. Could someone explain what the above means? On my scanner,
> where I live, 824-849 mhz is quite dead. Nothing there. But on 869-896
> there are loads of 'two-way' conversations, although one side is often
> harder to hear then the other. Also, anything listened here, I often
> will not here the entire conversation, as the systems change frequencies
> and/or cell sites often.
>

The handset put out a max 3 watts and have very limited range unless you live hilltop like I do and use a multiband scanner antenna. Even so only a few miles is possible. This is the reason for the cellular multitower overlapping approach to assure you're always in range (usually).

Andy

1644. help optoscan

Newsgroup: rec.radio.scanner
Date: 1994-09-04 16:33:45 UTC
From: jthomas@hookup.net
Message-ID: <jthomas.19.00072E0E@hookup.net>
Source record: 269457

I don't know if this is a problem with other people but in memory mode I can't listen to frequencies without pl tone. I have tried ver 3.4 and 3.44, I had no trouble with the first version execpt it would not decode pl.

Did I forget to turn something on or off but I would like to scan memory with some frequencies with pl and some with not!!!

cul de Jim

1645. Construction plans for radio

Newsgroup: rec.radio.scanner
Date: 1994-09-04 16:50:24 UTC
From: starin@netcom.com
Message-ID: <starinCvM6s0.8vn@netcom.com>
Source record: 269458

Would anyone know of a resource where I can find information on constructing a miniature receiver which would probably have to use crystals to receive transmissions in the 460 Mhz range? Ideally I would construct this into a walkman or make my own case. The idea is that it should be small and portable and need only receive 1 frequency at a time.

Any help much appreciated.

Jeffrey
{New York}
--
Jeffrey
{New York}

1646. NC police acronym 'NCIC'?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 17:25:02 UTC
From: schuh@phys.unca.edu
Message-ID: <34cvte$scj@balsam.unca.edu>
Source record: 269459

Occasionally, when responding to a License/ID check, the dispatcher
will sometimes say: "Negative NCIC"

I figure the 'NC' is for North Carolina....
Any ideas on what the 'IC' stands for?

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

1647. Help! scanning CB radio needed soon.

Newsgroup: rec.radio.scanner
Date: 1994-09-04 17:49:31 UTC
From: ab@odo.CSOS.ORST.EDU
Message-ID: <34d1bb$82h@jadzia.CSOS.ORST.EDU>
Source record: 269466
Cross-posted to: alt.radio.scanner,rec.radio.swap,rec.radio.scanner,rec.radio.cb,misc.wanted,misc.forsale

40 channel CB needed soon! It should be able to scan all 40 channels, stopping on any busy channel for as long as the channel is busy, then continue scanning. I would like a used one or to buy a new one by mail order.

It's for my house-mate, Lee. He needs it for his work. He is a fork-lift driver and he recently got a job where some of the other workers are jealous of his good job. They are sabatoging some things around the saw mill when nobody is looking. They do this to make him look bad and it's coordinated on the CB channels. So we want to hook up a scanning CB to a VOX tape recorder and we will also set up a hidden camera if we can. We only need the regular 40 channels, it needs to scan all 40 channels and stop when it hears a signal.

It's important that we get this thing soon as Lee's job is in jeapardy. If you have a CB for sale or can recomend a mail order source please contact me ASAP!

Thanks.

Dean Youngquist | youngqud@teleport.com | Contact me if you |
428 N.W. 9th Street | Phone: (503) 758-6230 | need SIMM boards |
Corvallis, Oregon 97330 | Fax: (503) 758-5331 | for your RAM chips |

1648. Re: NC police acronym 'NCIC'?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 18:35:15 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CvMBMr.ELI@freenet.carleton.ca>
Source record: 269468

In a previous article, schuh@phys.unca.edu (Paul Schuh) says:

>Occasionally, when responding to a License/ID check, the dispatcher
>will sometimes say: "Negative NCIC"
>
>I figure the 'NC' is for North Carolina....
>Any ideas on what the 'IC' stands for?
>
Wrong... It's the F.B.I.

National Crime Information Computer..

Up here in Canada we have CPIC run by the R.C.M.P.

Canadian Police Information Computer, we often will run NCIC checks
on vehicles with USA licence plates. Our City police force has MDT
(Mobile Data Terminals) in every car, but NCIC checks have to be
run through a limited access modem connection to the FBI. Hope this
clears some things up.

tafn

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

1649. New driver seeks info

Newsgroup: rec.radio.scanner
Date: 1994-09-04 18:36:20 UTC
From: jnice@gwhb486.demon.co.uk
Message-ID: <778703780snz@gwhb486.demon.co.uk>
Source record: 269461

I'd be very grateful for some assistance:
I've just bought a Yuperitu 7100, the UK model (naturally!) Half the
data says it starts at 100 kHz, the other half saya 530 kHz. Can
anyone please tell me which limit is correct, and/or if there is a mod
to allow 100 kHz??

TIA
--
John Nice

1650. Re: Help! scanning CB radio needed soon.

Newsgroup: rec.radio.scanner
Date: 1994-09-04 18:46:10 UTC
From: schuh@phys.unca.edu
Message-ID: <34d4li$1jt@balsam.unca.edu>
Source record: 269462
Cross-posted to: alt.radio.scanner,rec.radio.swap,rec.radio.scanner,rec.radio.cb,misc.wanted,misc.forsale

Dean Youngquist (ab@odo.CSOS.ORST.EDU) once wrote:
: 40 channel CB needed soon! It should be able to scan all 40 channels,
: stopping on any busy channel for as long as the channel is busy, then
: continue scanning. I would like a used one or to buy a new one by mail
: order.

: It's for my house-mate, Lee. He needs it for his work. He is a fork-lift
: driver and he recently got a job where some of the other workers are
: jealous of his good job. They are sabatoging some things around the saw
: mill when nobody is looking. They do this to make him look bad and it's
: coordinated on the CB channels. So we want to hook up a scanning CB to a
: VOX tape recorder and we will also set up a hidden camera if we can. We
: only need the regular 40 channels, it needs to scan all 40 channels and
: stop when it hears a signal.

The only scanning tranceivers I've seen that cover the 27Mhz (CB) range
are modified 10-Meter Rigs. (Like a Uniden HR-2510)
The Realistic PRO-2006 Scanner covers the CB range unmodified...

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

1651. Re: NC police acronym 'NCIC'?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 18:50:07 UTC
From: scan911@aol.com
Message-ID: <34d4sv$8ea@search01.news.aol.com>
Source record: 269469

In article <34cvte$scj@balsam.unca.edu>, schuh@phys.unca.edu (Paul Schuh)
writes:

>Occasionally, when responding to a License/ID check, the dispatcher
>will sometimes say: "Negative NCIC"

>I figure the 'NC' is for North Carolina....
>Any ideas on what the 'IC' stands for?

Negatory....it's National Crime Information Center ... where every state
and most jurisdictions have access to via computer to find out if you are
a bad guy or not, or if your car is stolen, or that scanner under your
dash has been ripped off ...

Chuck
scan911@aol.com

1652. FOR SALE: Scanner books/r

Newsgroup: rec.radio.scanner
Date: 1994-09-04 19:24:00 UTC
From: dave.blaskey@corpsoft.com
Message-ID: <2737.600.uupcb@corpsoft.com>
Source record: 269463

MC>I am clearing out some extra scanner books that're cluttering up my shack:

MC>1: LOW BAND SKIP DIRECTORY by Chuck Robertson published by Grove Enterprises

MC>2: SCANNER RADIO LISTINGS by Norman H. Schrein, MPA published by FOX

MC>Michael Crestohl KH6KD/W1
MC>mc@shore.net

I would be interested in both of these. Please let me know if they are
still available.

Dave
N9SAN
dave.blaskey@corpsoft.com

. OLX 2.1 TD . Press "+" to see another tagline.

+---+
| CorpSoft BBS [3 Nodes] - (815) 886-9388 28.8 v.fc |
| Romeoville, IL |
+---+

1653. Road America

Newsgroup: rec.radio.scanner
Date: 1994-09-04 19:24:00 UTC
From: dave.blaskey@corpsoft.com
Message-ID: <2738.600.uupcb@corpsoft.com>
Source record: 269464

Hi All,
Will be attending the Indy car race in Elkhart Lake next weekend and am looking for some freqs to check out. I already have the race freqs, but am looking for local PD, Fire etc. Also looking for local radio stations to listen to for local happenings and weather(along with the NOAA I'll be listening to) since we'll be camping for the weekend.
Thanks in advavce.
Dave
N9SAN
dave.blaskey@corpsoft.com

. OLX 2.1 TD . All hope abandon, ye who enter messages here.

+---+
| CorpSoft BBS [3 Nodes] - (815) 886-9388 28.8 v.fc |
| Romeoville, IL |
+---+

1654. Re: NC police acronym 'NCIC'?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 19:29:58 UTC
From: jds0447@ultb.isc.rit.edu
Message-ID: <1994Sep4.192958.1604@ultb.isc.rit.edu>
Source record: 269465

In article <34cvte$scj@balsam.unca.edu> schuh@phys.unca.edu (Paul Schuh) writes:
>Occasionally, when responding to a License/ID check, the dispatcher
>will sometimes say: "Negative NCIC"
>
>I figure the 'NC' is for North Carolina....

NCIC is when the police check a national computer on a person's name or
car. NC is not North Carolina.

1655. Re: What is the difference between "handset" and "base" frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 20:19:46 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778789096@f747.n115.z1>
Source record: 269467

-=> Quoting Berton Corson to All <=-

BC> I'm confused. Could someone explain what the above means? On my
BC> scanner, where I live, 824-849 mhz is quite dead. Nothing there. But
BC> on 869-896 there are loads of 'two-way' conversations, although one
BC> side is often harder to hear then the other. Also, anything listened
BC> here, I often will not here the entire conversation, as the systems
BC> change frequencies and/or cell sites often.

Berton...
The cellular phones power is very low. So a cellular user would have to be practically in your driveway to receive the signal (Actually, I think it's a couple of miles.) in the 824-849 range. What you are hearing in the 869-894 range is the landline side and occasionally, the cellular phone user. I believe someone said that it depends on how far the user is from the tower that determines the volume of the transmission on the cellular end.

Jerry

1656. Re: Help! scanning CB radio needed soon.

Newsgroup: rec.radio.scanner
Date: 1994-09-04 20:40:56 UTC
From: brueger@larry.wyvern.com
Message-ID: <brueger.778711256@larry>
Source record: 269470
Cross-posted to: alt.radio.scanner,rec.radio.swap,rec.radio.scanner,rec.radio.cb,misc.wanted,misc.forsale

ab@odo.CSOS.ORST.EDU (Dean Youngquist) writes:

>40 channel CB needed soon! It should be able to scan all 40 channels,
>stopping on any busy channel for as long as the channel is busy, then
>continue scanning. I would like a used one or to buy a new one by mail
>order.

I think that I am pretty safe in saying that there is no such animal. I
don't now know of any CB transceiver that "scans" the channels. You might
want to get a Radio Shack Pro-2006. I think that that scanner scans the
CB channels.

Cheers

Brian
--

Brian J. Rueger	Hampton Division of Fire & Rescue	"Who dares win"
Medic/Firefighter	Squad-7	Soon to be -
Hampton, VA.	Email - brueger@infi.net	NREMT-P

1657. Re: Cordless Phones Seized by Serb Police

Newsgroup: rec.radio.scanner
Date: 1994-09-04 21:06:06 UTC
From: dayglo@mindvox.phantom.com
Message-ID: <Vgc6Rc3w165w@mindvox.phantom.com>
Source record: 269473

> Sounds like an excellent idea to add such an amendment to Clowntoon's
> so called Crime Bill. Just think how much more effective the
> 100K new cops will be using radios that no one can overhear!

Are you kidding me Clowntoons new 100K cops will NOT be using radios
they will be using radar guns. You know how horrible a crime speeding
is?

1658. Re: DTMF decoder for PC?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 21:21:08 UTC
From: mcdowelm@ios.com
Message-ID: <34ddo4$4nq@ankh.iia.org>
Source record: 269471

J. D. Hubbard (dhubba@access1.digex.net) wrote:
: Does anyone know of a PC-based program that uses a Sound Blaster
: compatible board to digitize and decode DTMF (touch-tone) digits?
: I know that there are several boxes available but surely there must
: be something PC based.

: Tnx in advance,

: J. D. Hubbard

: --
: **********
: dhubba@access.digex.net
: J. D. Hubbard
: **********

Yes!, There is a program that does that. The one I 'had' was called DTMF, and
it used a Sound Blaster type card. It worked great. I'm pulling my hair out
trying to find one. We'll see what we can get.
mcdowelm@ios.com Mike... :-)

1659. Re: NC police acronym 'NCIC'?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 21:21:15 UTC
From: schuh@phys.unca.edu
Message-ID: <34ddob$629@balsam.unca.edu>
Source record: 269472

J.D. Spewak (jds0447@ultb.isc.rit.edu) once wrote:
: In article <34cvte$scj@balsam.unca.edu> schuh@phys.unca.edu (Paul Schuh) writes:
: >Occasionally, when responding to a License/ID check, the dispatcher
: >will sometimes say: "Negative NCIC"
: >
: >I figure the 'NC' is for North Carolina....

: NCIC is when the police check a national computer on a person's name or
: car. NC is not North Carolina.

Thanks to everybody who responded so quickly to my question!
One point I want to make:
I LIVE in North Carolina, I Listen to North Carolina Police, in North Carolina

What else would I ever think the NC stood for???? <grin>

Once again, thanks!

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

1660. Re: Illegal to monitor cordless?

Newsgroup: rec.radio.scanner
Date: 1994-09-04 23:17:40 UTC
From: g9153402@huey.csun.edu
Message-ID: <34dkik$pcm@nic-nac.CSU.net>
Source record: 269474

Grady Ward (grady@netcom.com) wrote:
> It is not currently a *federal* crime to monitor cordless
> (but that may change with the new FBI wiretap bill), but some
> states such as California has made it a crime for some time now.

> The first offense is a $500 infraction and goes up exponentially
> from there. :-)

> "For legal advice, consult an attorney"

How in the heck is such a law enforced? It has been well discussed in this newsgroup about cellular listening, but even the cheapest of scanners do 46 - 50 Mhz! Are the scanner police going to send everyone to scanner prison who search through 46 mhz when their search stops on a cordless telephone call? ...Totally unenforceable...

1661. Need portable scanner for RRs

Newsgroup: rec.radio.scanner
Date: 1994-09-04 23:42:45 UTC
From: pmb@netcom.com
Message-ID: <pmbCvMpvA.1rD@netcom.com>
Source record: 269475

Hi all.

I am a railroad and transit enthusiast and I would like to buy a scanner. Years ago, I had one and then lost it on a business trip. -(: I'm totally confused
by the models out these days, and I am honestly not a scanner enthusiast. However, I would like to get a unit with good "features" and sensitivity, etc. [hope I'm not misusing the terms.]

Please advise on on a brand/model which meets these needs. Also, if you have a unit for sale, please email me privately. And, pleae suggest a good mail order dealer. I have this genetic aversion to paying list price so some guy can have a fancy story in an upscale mall.

* Portable-size unit. The kind you can wear on your belt, with some kind of clip or attachment. I chase railroads and subway systems "in the field" usually while I'm walking around, and usually with a camera bag.
* "Good" sensitivity with a Rubber Ducky attenna.
* Covers the 160 MHz band, and other bands with railroad usage, as well as other commonly used bands. I am not particularly interested in listening in on cellular conversations or cordless phone conversations.
* Lots of channels so I don't need to reprogram the unit constantly.
* Good battery life. (optional) uses off-the-shelf batteries, not custom batteries.
* Alphanumeric display. (optional) place for comments that could be stored in a table, e.g. "Southern Pacific dispatch Roseville".
* (optional) RS232 port, so I can backup my stored channel settings. And, use my PC to create channel settings, rather than having to do this by punching buttons on the unit. Does this exist???

I'd also like some advice on a "car kit" and a "home kit". Different attenna for better sensitivity and running off 12V battery or AC power.

Also, please tell me about carrying cases that don't make me look too much like a police officer. No offence intended here, but sometimes trains are found in not-so-nice places, and I don't want anyone mistaking me (somewith who needs glassses bad!) for a police officer.

In advance, thanks for help.

Phil Burton
pmb@netcom.com
philb@cylink.com

--
Phil Burton pmb@netcom.com

Palo Alto, CA

1662. Re: Looking for scanning CB transceiver.

Newsgroup: rec.radio.scanner
Date: 1994-09-05 00:00:24 UTC
From: kjn@netcom.com
Message-ID: <kjnCvMqop.AKn@netcom.com>
Source record: 269476

Dirk of PA says:
" I don't know of any that you can get through mail order, however,
" there is a CD shop down here near where I live and they have a REAL NICE
" portable scanning CB radio with a headset, Vox, Extra channels and the
" whole 9 yards. Please note, however, that this unit is for professionals
oh, really... on CB... I think not! ^^^^^^^^^^^^
" (Not like the 49Mhz units found at radio shck for 69.00). Although the
" radios aren't EXTREMELY expensive, they are over $100 in price.

" Note again, that these have PRIVATE channels pre-installed so
" that you can switch to private frequencies (with handhelds of the same
" make supporting the extra channels).

They may have a "private line" type ctcss squelch available but certainly no
PRIVATE FREQS. At least not if they are unaltered consumer products.
Keep in mind, Dirk, that CB has to operate on allocated frequencies and
none of those are "PRIVATE"...
--
Ken <kjn@netcom.com>

1663. Re: MIR space station freqs?

Newsgroup: rec.radio.scanner
Date: 1994-09-05 00:31:04 UTC
From: oscweb@aol.com
Message-ID: <34dos8$cvd@search01.news.aol.com>
Source record: 269477

In article <778664682snz@g0gku.demon.co.uk>, henry@g0gku.demon.co.uk (henry brugsch) writes:

MIR frequencies?

I have 145.550 listed for ham contacts. Seems to me that there was another in the 143.000 range. Haven't heard that one in a while.

Warren Bowery

ov_bowery@noacsc.ohio.gov

1664. Federal Licensing Problems

Newsgroup: rec.radio.scanner
Date: 1994-09-05 00:32:25 UTC
From: kjn@netcom.com
Message-ID: <kjnCvMs61.C96@netcom.com>
Source record: 269478

Has anyone else had problems dealing with the F.C.C. since they had to scale down their operation?

For the past 3 months I've been trying to get the forms for the renewal of our Public Safety Radio Licenses (form 574L). I keep getting their voice mail loop and never get a response either by phone or mail...

What gives???

Oh wait, I get it... all the field engineers and office help, armed with information from this newsgroup, are over at the Radio Shack stores boxing up all the cellular restorable scanners.

Yeah, That must be it.

HEY F.C.C. shut down the DAMN voice mail and answer the phone.
Or, at least respond to the requests for forms!!!!!!

There... I feel much better now!

--
Ken Navarre <kjn@netcom.com>

1665. Shinwa Scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-05 00:55:53 UTC
From: dfleming@earth.execpc.com
Message-ID: <34dqap$f3u@homer.alpha.net>
Source record: 269479

Has anyone had any experience, good or bad with this scanner? I picked one up at a Hamfest and have not had good experience with it. I have to pick up the manual every time I do anything with it. (I know, DUH.)

I just got a RS 2006 at the local, friendly Radio Shack, and am in love with this unit. I accidently snipped a couple of diodes by accident and lo and behold the cellular freqs. are unblocked, accidently of course as it is illegal to listen to these frequencies. I will have to resolder the connections asap.

Now I need to toss the Radio Shk. discone and get something better. Any suggestions will be appreciated....

1666. List of Stores that carry scanners/products

Newsgroup: rec.radio.scanner
Date: 1994-09-05 01:19:03 UTC
From: shawn4sk1@aol.com
Message-ID: <34drm7$djn@search01.news.aol.com>
Source record: 269480

A List of Stores that carry scanners/products 09/04/94

DISCLAIMER:

I have never dealt with any of these places (I'm new to scanning anyway...) but I have thought of asking in the past what stores actively carry scanners and/or scanner-related products. Now that I have acquired a few, I thought I'd post them to the group...

Not in any particular order:

Format- Store Name, State, Phone Number
EEB, VA, 1-800-368-3270
Communications Elec., MI, 1-800-872-7226
Grove, NC, 1-800-438-8155
US Radio, TX, 1-800-433-7283
Lentini, CT, 1-800-666-0908
Tucker, TX, 1-800-527-4642
Scanner World USA, NY, 1-518-436-9606
SBH, NY, 1-800-451-5851
MaryMac, TX, 1-800-231-3680
MetroWest, IL, 1-800-657-1475
Atlantic, Ontario, Canada, 1-416-636-3636
C. Crane, CA, 1-800-522-8863
ACE, IN, 1-800-445-7717
Pioneer, OR, 1-503-982-5115
Galaxy, OH, 1-216-376-2402

I'm sure there's more but this'll get all the NEWBIES started...

Enjoy,

Shawn4SK1

1667. Freq Guides

Newsgroup: rec.radio.scanner
Date: 1994-09-05 01:23:02 UTC
From: shawn4sk1@aol.com
Message-ID: <34drtm$dm9@search01.news.aol.com>
Source record: 269481

Does anyone have a copy of one of the Frequency Almanacs put out by US Scanner Publications, Portland, Oregon or subscribe to the National Scanning Report magazine????

Both look good based on the Ads but I want opinions from customers...

Post to the newsgroup or E-mail me directly.

Thanks in Advance!!!

Shawn4SK1@aol.com

1668. Re: Illegal to monitor cordless?

Newsgroup: rec.radio.scanner
Date: 1994-09-05 01:28:43 UTC
From: grady@netcom.com
Message-ID: <gradyCvMurv.58p@netcom.com>
Source record: 269482

In the documentary books "Spycatchers" (still banned in the UK,
I believe), you can send a truck around and catch receivers
tuned *to a particular frequency* by listening for particular
IF products.

One variation involved xmitting a carrier through a set of
frequencies and listening for the sum and difference products
of the first IF, sort of like how certain anti-theft tags work.

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

1669. Re: 162.550 mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-05 01:29:57 UTC
From: rwilkins@ccnet.com
Message-ID: <34dsal$66u@ccnet.ccnet.com>
Source record: 269483

Glen Roberts (glr@ripco.com) wrote:

: : > ----------
: : > Glen L. Roberts, Editor, Full Disclosure Magazine
: : > Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
: : > ----------

You might check out another Government station WWVH 5,000 kHz
of course you should listen Sundays 7pm central.

Before you call the NSA switchboard complaining about all the free codes
and tones that they play ... check back with this group if you have no clue.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

1670. Re: Hush-Hush on Celluar 911

Newsgroup: rec.radio.scanner
Date: 1994-09-05 02:23:16 UTC
From: vector@inferno.com
Message-ID: <29444GEBRQECXCYSTAF@inferno.com>
Source record: 269484

i've used the callboxes to report accidents
(not mine) and other incidents several times and have never been
charged. i guess this only applies to the person(s) involved in
whatever incident they report.

greg

vector@inferno.com

1671. Antenna boosters

Newsgroup: rec.radio.scanner
Date: 1994-09-05 02:29:01 UTC
From: shawn4sk1@aol.com
Message-ID: <34dvpd$eoj@search01.news.aol.com>
Source record: 269485

I know 'Antenna booster' is exactly the correct term, I don't think, but I'm wanting some info on one's that work well but aren't too expensive. I am using a 2006 and an All-band antenna if that matters... I haven't found any reliable resource that lets me know exactly how far I'm receiving now but I wanna get the best distance I can. Also, will these boosters either over-boost strong signals to where I'll have to disable it when listening to certain sources and/or cause other unacceptable results I will want to consider??

Thanks in Advance!!

Shawn4SK1@aol.com

1672. Re: Radio Shack New Product Line - Questions

Newsgroup: rec.radio.scanner
Date: 1994-09-05 02:40:37 UTC
From: gdallal@world.std.com
Message-ID: <CvMy3s.HtB@world.std.com>
Source record: 269486

Berton Corson (g9153402@huey.csun.edu) wrote:
: Got questions if any of the following is now modifiable:

: I'm looking at the new, 1995 Radio Shack catalog. Page 30 shows their
: 800 mhz home scanners. They now have five models, with four being new.
: Are any of them modifiable? Has anyone found out the procedure to
: modify them, or are they totally unmodifiable unless one is a rocket
: scientist? The scanners pictured are:

In theory, they should not be modifiable (just like the PRO-51). But
until they're available and people have experience withe them, there's no
way to know for sure. I believe many of them are due out on 10.15, but
some have been delayed. You'll just have to stay posted.

1673. Re: Icom CT-17 vs J-Com Interface Cable

Newsgroup: rec.radio.scanner
Date: 1994-09-05 02:44:01 UTC
From: walters925@aol.com
Message-ID: <34e0lh$evd@search01.news.aol.com>
Source record: 269487

In article <33j7gv$df3@pdx1.world.net>, warren@bluesky.com (Warren Leach) writes:

whats the price roughly on th j-com
ive got a icom r71 a an am debating on getting the computer link how do you like it

1674. Re: 162.550 mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-05 03:16:01 UTC
From: glr@ripco.com
Message-ID: <CvMzqq.K4B@rci.ripco.com>
Source record: 269488

Bob Wilkins n6fri (rwilkins@ccnet.com) wrote:
: Glen Roberts (glr@ripco.com) wrote:

: : : > ----------
: : : > Glen L. Roberts, Editor, Full Disclosure Magazine
: : : > Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
: : : > ----------

: You might check out another Government station WWVH 5,000 kHz
: of course you should listen Sundays 7pm central.

THey come in better at 10,000 and 15,000 khz. But CHU at 7,335 is usually
better than WWV.

Boy, I'm glad that this bland topic has generated so much interest!

: Before you call the NSA switchboard complaining about all the free codes
: and tones that they play ... check back with this group if you have no clue.

: Bob

: --
: Bob Wilkins work bwilkins@cave.org
: Berkeley, California home rwilkins@ccnet.com
: 94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

1675. Re: NC police acronym 'NCIC'?

Newsgroup: rec.radio.scanner
Date: 1994-09-05 03:31:17 UTC
From: st4j9@Rosie.UH.EDU
Message-ID: <34e3e5$4s1@masala.cc.uh.edu>
Source record: 269489

NCIC is the National Crime Information Center

1676. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-05 03:33:46 UTC
From: KevinW@ix.netcom.com
Message-ID: <34e3iq$720@ixnews1.ix.netcom.com>
Source record: 269490

In <PhillipsJ-cic-is-010994231823@136.205.228.14> PhillipsJ-cic-is@redstone-emh2.army.mil (Jimmy Phillips) writes:

>
>Please forgive me if this issue has been discussed before, I was just
>wondering if it would be possible to get a good sound output from a scanner
>thru your cars radio speakers. I have a BC55XLT that I listen to going to
>and from work and the idea popped into my head and I was wondering if it
>would be feasible. Thanks in Advance for any helpful comments.
>
>--
>Jimmy Phillips
>Macintosh Network Support Group
>US Army, MICOM/SESI
>
>"Beware the monsters of the ID".....Forbidden Planet
>

I suppose one of those cassette-shaped adaptors would work...the type you use to connect a portable CD player to your car audio... just connect it to your earphone plug 'course, you have to have a cassette player ;)

Kevin

1677. Re: NC police acronym 'NCIC'?

Newsgroup: rec.radio.scanner
Date: 1994-09-05 06:28:25 UTC
From: jthurs@ukelele.gcr.com
Message-ID: <jthurs.778746372@ukelele>
Source record: 269491

schuh@phys.unca.edu (Paul Schuh) writes:
>Occasionally, when responding to a License/ID check, the dispatcher
>will sometimes say: "Negative NCIC"
>I figure the 'NC' is for North Carolina....
>Any ideas on what the 'IC' stands for?
National Crime Information Computer (I believe). NCIC negative means
that this person is not in the computer, and is not wanted.
Hope this helps!
--Jason
==
| Jason Thurston | thurs_j@cs.odu.edu |
| Firefighter III/EMT-A | jthurs@gcr.com |
| Dumfries-Triangle Rescue Squad, Stations 3-Rescue & 17 |
| Prince William County, Virginia, USA |
==

1678. BC100XLT (Regency R 4020)

Newsgroup: rec.radio.scanner
Date: 1994-09-05 12:39:00 UTC
From: robert.foster@nashville.com
Message-ID: <69.4906.3074.0N3EE758@nashville.com>
Source record: 269492

Does anyone know of a mod for this scanner to enable the reception of the 200 MHz band?

Thanks

Bob

 QMPro 1.50 32-4532 Time flies like wind. Fruit flies like pears.

1679. Re: How to make Mot. phone into Receiver?

Newsgroup: rec.radio.scanner
Date: 1994-09-05 12:50:52 UTC
From: scrooge@moneybin.equinox.gen.nz
Message-ID: <HFH7Rc1w165w@moneybin.equinox.gen.nz>
Source record: 269221

There is a mailing list for this sort of thing. Post to alt.cellular
requesting info and you should get someone replying with the subscription
address.

Glenn.

Glenn Murphy. +64 3 3811862. Christchurch 8006
New Zealand.

1680. Re: Radio Shack Scanners, Shinwa Scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-05 13:21:03 UTC
From: g9153402@huey.csun.edu
Message-ID: <34f5vv$7di@nic-nac.CSU.net>
Source record: 269493

Dan Fleming (dfleming@earth.execpc.com) wrote:

> I just got a RS 2006 at the local, friendly Radio Shack, and am in love
> with this unit. I accidently snipped a couple of diodes by accident and
> lo and behold the cellular freqs. are unblocked, accidently of course as
> it is illegal to listen to these frequencies. I will have to resolder the
> connections asap.

What a coincidence! I had the same sort of accident too, on another Radio Shack scanner. I had this seizure, in which I accidentally dropped a valuable diamond that fell into my scanner. I got a screwdriver, and opened it up. And behold, the diamond was wedged under a wire going to this certain diode. I had to get a pair of wire cutters to snip the wire, to get my diamond out. And then closed up my scanner and turned it back on. It then started to scan the entire 800 mhz range. Absolutely amazing, and I owe it to butterfingers-me, for dropping jewelery into my scanner. ... You got to understand. This just could happen to anyone, you know...

1681. Re: BC8500XLT poor Air Freqs Reception

Newsgroup: rec.radio.scanner
Date: 1994-09-05 13:45:06 UTC
From: mcias@aol.com
Message-ID: <34f7d2$n3h@search01.news.aol.com>
Source record: 269494

In article <2vh1ea$edq@ef2007.efhd.ford.com>, tbohr1@ed8751.pto.ford.com (Tim Bohr(R)) writes:

Hi, not only are the air freq's hard to catch on this radio but the 800 police band as well the BC 890 xlt is by far a better radio. I called BC (UNIDEN) & they said, well i don't understand it. It's our best model. Let me know if yuo founfd out any thing different. Thanks; McIAS @ AOL.com

1682. Re: BC8500 mod???

Newsgroup: rec.radio.scanner
Date: 1994-09-05 13:51:02 UTC
From: mcias@aol.com
Message-ID: <34f7o6$n68@search01.news.aol.com>
Source record: 269495

In article <13@byter.win.net>, gregt@byter.win.net (Gregory A. Therrien) writes:

Hi, if you find out could you send me the fix on the 8500 restoration of cellular mods thanks. McIAS @ AOL.com

1683. Re: Uniden 8500XLT Discontinued?

Newsgroup: rec.radio.scanner
Date: 1994-09-05 13:56:02 UTC
From: mcias@aol.com
Message-ID: <34f81i$n8u@search01.news.aol.com>
Source record: 269496

In article <9M9CkiubG66A066yn@access.digex.net>, domonkos@access.digex.net (Andy Domonkos) writes:

Yes, I was told the same thing. So I bought the 890xlt. I then this month bought an 8500 from TUCKER electronics of Texas and did a side by side. the 890 killed the 8500 in reception. I think Grove has the inside track on information but doesnt want to hurt their relations with BearCat. McIAS @ AOL.com

1684. Bearcat/PRO mods via touch pad

Newsgroup: rec.radio.scanner
Date: 1994-09-05 14:05:04 UTC
From: mcias@aol.com
Message-ID: <34f8ig$ndu@search01.news.aol.com>
Source record: 269497

Hi, is their any one out their with a way of restoring Freq's on The Bearcat & or Pro lines of Scanners via Touch Pads & could you please send them my way I would greatly appreciate it. McIAS @ AOL.COM

1685. How to Order from Canada RS

Newsgroup: rec.radio.scanner
Date: 1994-09-05 14:45:00 UTC
From: mshafer@herbie.unl.edu
Message-ID: <34fatc$8d4@crcnis1.unl.edu>
Source record: 269498

E. Michael Shafer II
University of Nebraska
Electrical Engineer
mshafer@herbie.unl.edu

My local Radio Shack has one Pro-43 left. The serial number has no A after the 300 and its date code shows production before the change-over. Before I purchase it, I wanted to find out the process for ordering one from a Radio Shack in Canada. Does anyone have actual experience with this procedure? If I ordered one from Canada, would it have a broader range of freqs? Would there be no gaps in the scanning ability of the unit? Would any mods be needed and if so would they be the same mods I have for the U.S. version of the Pro-43? Do you have an exact dealer you have done business with, with his phone number and cost for unit plus shipping?
Thanks for any and all info.

1686. Latest GROVE Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-09-05 14:50:58 UTC
From: steven@sgb.oau.org
Message-ID: <Cvnvwz.4sF@sgb.oau.org>
Source record: 269499

It is rare in these modern times I can write *anything* good about Grove Enterprises, but with the recently received Grove catalog (Sept-Oct 94), it seems I must make an exception.

Let's start with the front page -- cover page. I spy an IC-R7100 Window Scanning System ICOM receiver. Significant is that these now must be imported from overseas sources unless you can get a corrupt official to "make" you an "official looking" purchase order.

Is that a -1 or -2 unit in the photo?

All packages are now sent 2nd day air for the price of ground. That is *nice*.

Page 3:

Data line / Fax service 24 hours/day 7 days/week: (704) 837-2216
Now that *is* an improvement! A 24 hour modem line, nice work Bob!

A quote from his opening comments:

It seems as if the well of cellular-capable and cellular-restorable scanners has finally dried up. We are down to our last few PRO-2006s, the only remaining cellular-restorable scanner in the catalog. And that will be it.

The Federal Communications Commission (FCC) is now looking with suspicion at several new scanner models which have been certified, but which can receive cellular phone calls by pressing a factory-test keyboard routine. The scanners may be prohibited from sale and their certification revoked.

So how are these different from the cellular telephones which can also become cellular scanners by a simply keyboard routine? If the FCC bans the scanners, they should be banning the phones as well. I'm sure this would bring a painful cry from the very industry that purchased your Congress's ban on scanners.

--
Well, my hat is off to you Bob! You have *finally* come to your senses! Here is a general question for anyone who may have answer(s):

Since a "rider" on the FCC budget is what started this fiasco, is it possible to force a rider on another budget requiring full range scanning receivers be accepted again, ie reversing the present law they forced into existance? I mean if there is another add-on requiring the change, they would be forced to do so, only I'd rather it not take two YEARS to implement it!

If so, we need to write/speak to our congress-critters daily, weekly, monthly and let them know we want this changed -- and have it tagged onto another budget approval like the ban was sneaked in as. I feel we have a chance to do this *if* we also bring out the fact that cellular phones need to be banned if

they do not, and pressure the issue so hard they would be forced to take one direction or the other (either ban the phones, or remove the scanning restrictions!) With a little industry support, we could actually do this! Do not think for one moment that Radio Shack will be making a profit from those units returned for re-work! This may interest them to do something about it!

Next item - under LIMITED WARRANTY:

Grove Enterprices assumes no responsibility for damages or penalties incurred resulting from the use of this product in a manner or location other than that for which it was intended.
--
Well, that statement there says "we can sell you international non-FCC approved equipment under condition you sign a statement that your purchase is for use outside of the U.S." Correct? I hope this gives someone some ideas?

Of course, there are those who say "never assume anything"... :(

Page 4:

The Watkins-Johnson HF1000 luxury receiver and AOR 3030 general coverage receivers are illustrated. Taking note at the top of the page:
"FULL COVERAGE RECEIVERS"

Not exactly "full coverage" really, Bob? Perhaps full coverage shortwave receivers may have been better stated!

I also note putting them side by side was a nice approach to the sales line: "Professional quality at a low consumer price!" with only $3000 difference, nice advertising touch! I guess that means you stock one HF1000 to every five hundred AOR3030s.

I detect the omission of all KENWOOD shortwave receivers and accessories as well (sob) I guess that means Universal is my "universal source" for such accessories for my R-5000. Oh well...

Side comment as I plow into the scanning department - why hasn't anyone made a tunable receiver (like the old VHF-hi/lo/UHF models of 15 years ago) with only 3 storage channels (for your favourites) to get around the TDDRA garbage that specifically tunes the cellular region? I am sure someone would figure a way to increase the memory capacity as an after-market item!

Page 12:

Moving right along -- we find the M400 Universal Decoder Version 2! I bought mine last year -- and STILL have version 1.04! I would have hoped to see the upgrade kit available by NOW!

Page 16:

ICOM R100 and R1 (page 17) clearly state 100khz-800 Mhz and 900-1300 Mhz! I guess that means no more cops on trunked systems if you are dumb enough to buy an ICOM!

SIGNIFICANT ITEM BOTTOM OF PAGE 17:

The new AR8000 scanner, $649.95. This model supposedly will have the cellular blocked via programming through the serial interface. This means it should be readily alterable by computer literate folks with PCs in the near future! So this one model may become the gold mine of the future for those wishing to buy cellular capable scanners. No news yet as to how to alter, just word on the street is it will be done via the serial port. So -- we await Grove to start selling the interface as well. I suspect you will need to import the program to do the cellular restore from Javiation or other overseas supplier when it becomes available -- but this is 100% legal with the fact FCC can NOT regulate SOFTWARE ON FLOPPY DISKS! Yippeeee!

Page 18:

The AR1500 supposedly will permit some infringement of the TDDRA rules if you want to listen to the mobile side of cellular, as it (supposedly) receives 500 khz-869 Mhz and 894 Mhz-1300 Mhz. Same with the AR3000A as well!

Page 20:

The Uniden 760XLT and 855XLT were both specifically noted as being restorable as per cellular.

Page 22:

The 2006 still was noted as restorable too!

Page 23:

The new nationwide FCC Database on CDROM with MAPPING is now listed at $169.95 or without mapping for $99.95.

Can someone who has the mapping option tell us how good it really is? How does it compare to some of the other CD-ROM mappers presently available in the $100 range? Can the mapping be used alone?

Page 28:

The OptoScan 456 interface is featured for $279.95, I wish they would make one for the newer "non-modifiable" R/S lineup! As I understand it, this kit will permit you to override cpu cellular blocks via computer and get around the FCC crap! It does many other things too!

Page 30:

Overpriced channel organizers. It would not have been so bad if they would have been computer printable and sold as a refill package, at costs from $13 to $16, ouch, too high Bob!

Page 35:

Nice GRE Super Converter advertisement, to obtain uninterrupted 810-912 mhz coverage! Nice job Bob, no comments about in short supply, hurry while supplies last, these too are under the TDDRA ban! It was a relief not to read the hype you have vented in the past six plus months! Perhaps this is a sign of change? Or that GRE has chosen to take a stand and ignore the TDDRA garbage!! I'm not sure, but I don't think they required FCC approval, and

certainly NOT as a scanning receiver!

Back Page:

R7000 Service Manual -- although I doubt it has the re-fit instructions to restore the 800-900 mhz band!

Overall, I'd give the latest Grove catalog, four (out of) five stars! He appears to have actually made an effort to return to the responsible (to the scanner enthusiasts) dealer he once was! The catalog was informative and useful. One nice touch though would be upgrade kits for the Pro-43 to convert them to international models. Check Tandy UK service for the costs of the digital board, add in a reasonable percentage to cover costs and make some profit, and then import and sell these circuit boards! The FCC can not touch them (they are not a converter NOR a scanning receiver of four or more channels!) I am sure the same market who is looking at the Opto456 would be as interested in an international digital board (the one with the CPU and diodes on it) for the Pro-43s!

Nice job Bob!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

1687. Re: NC police acronym 'NCIC'?

Newsgroup: rec.radio.scanner
Date: 1994-09-05 15:14:42 UTC
From: af546@yfn.ysu.edu
Message-ID: <34fcl2$6vt@news.ysu.edu>
Source record: 269500

For those of you in ohio, you will find that the check on that scanner under your dash, will be done on R.C.I.C. or Regional Crinme Information Center which is run by the Bureau of Criminal Investigation, State of Ohio.

This database runs quicker for Public Safety officers and contains more detail information concerning crimes within the state. It is in this system where serial numbers exist of stolen property, criminal aliases, statistics and indepth history on each known criminal that has been known to resibde in the state.

I am sure each state has thier own in house system
--

1688. Pro43 diode spec needed

Newsgroup: rec.radio.scanner
Date: 1994-09-05 15:19:31 UTC
From: crumrine@crsgi1.erenj.com
Message-ID: <1994Sep5.151931.17212@erenj.com>
Source record: 269507

Hi,

I recently posted regarding modifying my pro43. I suspect that I damaged d2 while moving d4 to d3, since I no longer get freq 30-54. This has been confirmed thru email that others have not lost this range, I conclude that d2 is certainly trashed. Does anyone have the spec for this diode, so I may go to the local RS and get it? I am awaiting my service manual, but this is the kind of thing tht makes me itchy ;-).

Mike

1689. Yupiteru 7100 users

Newsgroup: rec.radio.scanner
Date: 1994-09-05 15:56:09 UTC
From: jnice@gwhb486.demon.co.uk
Message-ID: <778780569snz@gwhb486.demon.co.uk>
Source record: 269501

New buyer would welcome mail from users, esp. problems/fixes, etc.

TIA
--
John Nice

1690. Re: Advice on Grove filter?

Newsgroup: rec.radio.scanner
Date: 1994-09-05 16:00:16 UTC
From: kenw@col.hp.com
Message-ID: <34ffag$otb@hp-col.col.hp.com>
Source record: 269503
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I too was excited when I first noticed his latest ad for the new line of filters. However, if you read the text carefully, you will note that none of the filters claim to actually notch out the frequency bands where most pagers are located (near 151 and 158 MHz). Thus, although they claim these filters can "notch out pager interference" they won't.

The best thing I can suggest is to insert a 10 to 20 dB attenuator in line with your antenna in order to reduce the overall signal strength. This should greatly improve the pager interference problem (due to receiver front-end overload). The drawback to this, of course, is that the desired -signals- are reduced as well. If they are local, you may not notice too big a difference.

1691. VHF MARINE

Newsgroup: rec.radio.scanner
Date: 1994-09-05 16:03:10 UTC
From: USERID@InforMNs.k12.MN.US
Message-ID: <USERID-050994110954@dialip-line7.mr.net>
Source record: 269502

Does anyone have the vhf marine band freqs? EX. what freq. is channel 83
thanks

1692. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-09-05 17:00:44 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Sep5.090044.4513@cmkrnl>
Source record: 269504

In article <1994Sep4.024201@sdg.dra.com>, sean@sdg.dra.com (Sean Donelan) writes:
> In article <1994Aug30.230906.4480@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>> can record eight hours straight at EP. The fun thing here is that while there
>> may be problems with "the authorities" setting up video surveliance systems,
>> there's nothing on the books to stop private citizens from doing so...
>
> For video I think you are still correct. But be sure to unplug the microphone.

Why??? This is a camcorder inside a private home. And though it's pointed outside, it's aimed at a public street and driveways, parking places, etc., that are open to same... not in other people's windows. If people outside talk loudly enough for their nefarious plans to be overheard (and, incidentally, recorded), it's their lookout, especially since there are signs posted warning of the practice.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

1693. What is a Yupiteru 7100

Newsgroup: rec.radio.scanner
Date: 1994-09-05 17:15:11 UTC
From: wbreathe@aol.com
Message-ID: <34fjmv$q6n@search01.news.aol.com>
Source record: 269505

What is a Yupieru 7100?
Are they legal in the U.S.?

Thanks ,
WILL BREATHE

1694. Wanted: Delaware/Wilmington Area Frequencies....

Newsgroup: rec.radio.scanner
Date: 1994-09-05 17:40:01 UTC
From: ciaocomeva@aol.com
Message-ID: <34fl5h$qhs@search01.news.aol.com>
Source record: 269506

I used to have a list that was created by someone in the Wilmington area that was periodically passed thru the net. Unfortunately, it has disappeared... So, in an effort to regain all that info, I am looking for any and all freq info for Delaware, in particular Wilmington and the Delaware Beaches area.

Please e-mail direct to me at jmetzger@aol.com - in return I will send you my current list of Philadelphia metro area frequencies (well over 1000+ freqs ALL verified with detail info). Thanks to anyone who can help!

Jim KA3HWD

1695. Re: Just joined in...from Australia

Newsgroup: rec.radio.scanner
Date: 1994-09-05 18:23:48 UTC
From: Mark Hanrahan <hanrahan@ozemail.com.au>
Message-ID: <Y042340.940906.H@ozemail.com.au>
Source record: 269508

Would like to say hi, I'm from Downunder.

I work in Television News as a cameraman....I use scanners every day, all day as part of my job.

I'm interested in latest products and those accessory devices (frequency counters etc.)

"Scanrahan" ....hanrahan@ozemail.com.au

1696. OptoScan 456

Newsgroup: rec.radio.scanner
Date: 1994-09-05 18:51:35 UTC
From: schumann@crl.com
Message-ID: <34fpbn$ph7@crl7.crl.com>
Source record: 269509

I have a number of questions about the OS456 that I would like answered before I purchase. (Sure, why not....)

The ads say that there is no soldering and no drilling of holes. Okay, so how is it interfaced? Also, if this is added to my 2006, will I still be able to use the scanner in its regular, non OS456, manner? And is it possible to load/unload frequencies from the scanner to computer, etc.

How big is the device? I see pictures of it next to a 2006 with the top of the case open, but I do not see the front of the OS456. Does it look like: a DC440? a modem? a TNC? a cigar box?

Also in the ads I note that the display on the 2006 is blank. Is this because it is no longer used, as the computer's monitor is now the default? (This refers to an above paragraph: can I use the 2006 in its 'regular' manner.)

I've heard a lot of good about this add-on, and between the sales-pitch and user-reviews I'm inclined to CIO (i.e. purchase), but: questions, questions, questions....

TNX & 73 for the response.

--

James Schumann, KE6DMY
schumann@crl.com
KE6DMY @N6EEG.#NOCAL.CA.USA.NOAM

1697. Re: VHF MARINE

Newsgroup: rec.radio.scanner
Date: 1994-09-05 19:17:57 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.778792677@vela.acs.oakland.edu>
Source record: 269510

CH.#
06 156.3 intership safety 07 156.350 commercial
08 156.4 comm. 09 156.450 comm.
10 156.5 comm. 11 156.550 comm.
12 156.6 port operations 13 156.650 navigational
14 156.7 p.o. 15 156.750 environmental
16 156.8 calling/distress 17 156.850 state control
18 156.9 comm. 19 156.950 comm.
20 157.0 p.o. 21 157.050 C.G.
22 157.1 C.G. 23 157.150 C.G.
24 161.8 Radio telephone 25 161.850 R.t.
26 161.9 R.t. 27 161.950 R.t.
28 162.0 R.t. 65 156.275 p.o.
66 156.325 p.o. 67 156.375 comm.
68 156.425 non-comm. 69 156.475 non-comm.
70 156.525 non-comm. 71 156.575 non-comm.
72 156.625 non-comm. 73 156.675 p.o.
74 156.725 p.o. 77 156.875 comm.
78 156.925 non-comm. 79 156.975 comm.
80 157.025 comm. 81 157.075 C.G.
82 157.125 C.G. 83 157.175 C.G.
84 161.825 R.t. 85 161.875 R.t.
86 161.925 R.t. 87 161.975 R.t.
88 157.425 comm.

21.B.161.775 C.G.(?)
Enjoy,please post or E-mail any corrections or additions.NCS

1698. Bearcat BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-09-05 19:26:43 UTC
From: ccartee@regal.cisco.com
Message-ID: <CCARTEE.94Sep5122643@regal.cisco.com>
Source record: 269511

I was thinking about getting a Bearcat 2500XLT scanner for use at
airshows and listening into 220-400Mhz range. I haven't see nmuch
traffic go by about this unit. Any experiences good or bad?

--

Claude Alan Cartee "I have neither the time nor the inclination to explain
1525 O'Brien Drive myself to a man who rises and sleeps under the blanket
Menlo Park, CA 94025 of the very freedom I provide...
ccartee@cisco.com ... and then questions the manner in which I provide it"
415 688-7801 -Col Nathan R. Jessep

1699. OptoScan 456

Newsgroup: rec.radio.scanner
Date: 1994-09-05 19:54:02 UTC
From: bsaladino@aol.com
Message-ID: <34ft0q$4l@search01.news.aol.com>
Source record: 269512

>From: schumann@crl.com (James C. Schumann)<
>Date: 5 Sep 1994 11:51:35 -0700<
>Message-ID: <34fpbn$ph7@crl7.crl.com><

>I have a number of questions about the OS456 that I would like answered
>before I purchase. (Sure, why not....)<

James,
The OptoScan 456 looks more like a PC expansion card than a anything else. It has 6 ribbon cable connectors (3 from the radio and 3 to the radio). They snap in, so there isn't any soldering.

The battery compartment is removed and a new face plate takes it place. The plate has an RS-232 9 Pin connector, an Icom compatible CI-V mini jack port, and a Tape Pause jack. The 9volt back up battery is double-stick taped to the inside of the radio. There's nothing that hangs outside the radio, except the connectors above. It's a very clean addition to the radio.

You cannot upload and download to and from the radio's memory. You can use your radio the same way you do without an OptoScan456, when it's not under computer conrtrol. You'll probably loose your radio's memory during the installation though. When it's under computer control the radio's display is blanked.

I think that answers all of them. If not, let me know, and I'll try again.

I've got one, and love it. I can read CTCSS and DCS tones as well as DTMF digits. I write a shareware program called Radio Manager for Windows to control the Icom radios, and now the OptoScan 456. If you'd like more info please let me know.

Good Luck,
Ben Saladino KC5IRJ
660 W Oak ST
Hurst, TX 76053-5526
CIS:71052,2416
AOL:BSaladino

1700. Re: Pro43 diode spec needed

Newsgroup: rec.radio.scanner
Date: 1994-09-05 20:13:50 UTC
From: dcomer@dmcmicro.win.net
Message-ID: <23@dmcmicro.win.net>
Source record: 269513

In article <1994Sep5.151931.17212@erenj.com>, MDCRUMR Crumrine (crumrine@crsgi1.erenj.com) writes:
>Hi,
>
>I recently posted regarding modifying my pro43. I suspect that
>I damaged d2 while moving d4 to d3, since I no longer get freq
>30-54. This has been confirmed thru email that others have not
>lost this range, I conclude that d2 is certainly trashed. Does
>anyone have the spec for this diode, so I may go to the local
>RS and get it? I am awaiting my service manual, but this is
>the kind of thing tht makes me itchy ;-).
>
>Mike
>
The PRO-43 service manual has the following descriptions for D1-D4:

Ref No. Diodes Mfr's Part No.
------- ------------------------------------ --------------
D1 MA110 marked 1A (silicon) MA110
or 1SS352 Marked C1 (silicon) or 1SS352
D2 MA110 marked 1A (silicon) MA110
or 1SS352 marked C1 (silicon) or 1SS352 D3
Not used
D1 MA110 marked 1A (silicon) MA110
or 1SS352 marked C1 (silicon) or 1SS352
DA1 MA121 marked M2D (silicon) MA121
DA2 MA121 marked M2D (silicon) MA121

I remember seeing somewhere modifcation instruction for the PRO 43
other than the cellular and speed-ups. If you have material
releating to the PRO-43 that you can pass on to me via e-mail, I
would appreciate it.

Thanks,

Regards,

David M. Comer

1701. Re: *** MOBILE SCANNER WANTED ***

Newsgroup: rec.radio.scanner
Date: 1994-09-05 21:00:41 UTC
From: Greg <gregmason@delphi.com>
Message-ID: <pQ4Qu1Z.gregmason@delphi.com>
Source record: 269514

Robert Sweeton <blade@crash.cts.com> writes:

>I am wanting to put a mobile scanner in my TOYOTA 4X4. Any
>recommendations on brand model type?

get yourself a radio shack 2006... stat! They wont be available much longer.
this is a great radio which can be used with AC, or DC out of the box.
Theyre on sale at RS now... but wont be available for long.

1702. 460 Mhz to 88-108 FM

Newsgroup: rec.radio.scanner
Date: 1994-09-05 21:03:50 UTC
From: starin@netcom.com
Message-ID: <starinCvoD6F.7tq@netcom.com>
Source record: 269515

Does a device exist that converts the 460 Mhz to the frequency used by FM stations?

Any help appreciated.

Jeffrey
{New York}
--
Jeffrey
{New York}

1703. PRo 2023 scanner mods?

Newsgroup: rec.radio.scanner
Date: 1994-09-05 21:05:13 UTC
From: noc@video.ne
Message-ID: <34g169$9m6@lastactionhero.rs.itd.umich.edu>
Source record: 269516

I'm looking for radio-shack pro-2023 scanner modifications. (Realistic pro-2023). Any modifications are welcome, please e-mail me.

--
Knock
noc@video.net

1704. Mods for RS Pro-46

Newsgroup: rec.radio.scanner
Date: 1994-09-05 22:26:44 UTC
From: mwight@bonehead.aiss.uiuc.edu
Message-ID: <34g5v4$f6s@vixen.cso.uiuc.edu>
Source record: 269517

I have heard that there is a non-surgical mod for the Pro-46. Is this true? If so, what is it.

Thanks.

Michael
--
Michael Wight Hernia Movers, Inc. Milwaukee, Wi
mwight@uiuc.edu "The Potenate of Totin' Freight"

1705. Re: aor ar-8000

Newsgroup: rec.radio.scanner
Date: 1994-09-05 22:31:00 UTC
From: ronald@prins.xs4all.nl
Message-ID: <090594223152Rnf0.78@prins.xs4all.nl>
Source record: 269518

ronald@prins.xs4all.nl (Ronald Prins) writes:

I'm interested in the new aor receiver ar-8000. Can someone compare
this scanner with a yupiteru 7100 or aor 3000a. I'm not interested in
SSB, and < 30 MHz stuff. I already know all the great things it can
do, just want to know if there are intermod/overload problems..external antenna
etc.

Thanks!
BTW How much do you have to pay for it in the US?

Ronald Prins.

1706. International Scanner Suppliers?

Newsgroup: rec.radio.scanner
Date: 1994-09-05 22:37:11 UTC
From: rout0003@maroon.tc.umn.edu
Message-ID: <rout0003.778804631@maroon>
Source record: 269519

I have seen several references to International scanner suppliers and was wondering if someone would post any names/addresses/telephone numbers for them. I am interested in their selection and prices and would like to get on their mailing lists.

Thanks!
-Andy R.

1707. what pro-46 modifivation?

Newsgroup: rec.radio.scanner
Date: 1994-09-05 22:37:53 UTC
From: lkf104@psu.edu
Message-ID: <lkf104.21.2E6B9DC1@psu.edu>
Source record: 269520

so i can enable the missing 800 MHz freqs in my pro-46? how?

1708. Re: Advice on Grove filter?

Newsgroup: rec.radio.scanner
Date: 1994-09-05 22:40:01 UTC
From: wwhitby@aol.com
Message-ID: <34g6o1$2ji@search01.news.aol.com>
Source record: 269521

In article <34ffag$otb@hp-col.col.hp.com>, kenw@col.hp.com (Ken Wyatt) writes:

>The best thing I can suggest is to insert a 10 to 20 dB attenuator in >line with your antenna in order to reduce the overall signal strength.

I am running 12 db right now to kill pager interference on the VHF-Hi band. It works, but I eliminate UHF and 800 Mhz. There has to be some other way.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

1709. Best Scanner?? RS 2006 or what??

Newsgroup: rec.radio.scanner
Date: 1994-09-05 22:40:20 UTC
From: herbr@netcom.com
Message-ID: <herbrCvoHn8.1F0@netcom.com>
Source record: 269522

--
herbr@netcom.com

1710. Re: C.S.U.N. security freq.

Newsgroup: rec.radio.scanner
Date: 1994-09-05 23:31:51 UTC
From: draziw@netcom.com
Message-ID: <draziwCvoK13.M0B@netcom.com>
Source record: 269523

Others mentioned
153.74
154.54

Here is a list of all freqs that I saw listed as belonging to CSUN.

153.7400 Police/Plant Ops
151.7750 Student Union
154.5150
154.5400
157.7400

Ryan

1711. Re: Six Flags Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-09-05 23:35:25 UTC
From: draziw@netcom.com
Message-ID: <draziwCvoK72.MA0@netcom.com>
Source record: 269524

AndrewJ514 (andrewj514@aol.com) wrote:

: IN VALENCIA, SECURITY USES 154.515

Here are the Six Flags Magic Mountain freqs.

151.7150
151.8950
151.9550
154.5150
154.5400
154.5700
154.6000
461.4375

Ryan

1712. Grove Catalog, Motorola Cellphones

Newsgroup: rec.radio.scanner
Date: 1994-09-05 23:52:49 UTC
From: g9153402@huey.csun.edu
Message-ID: <34gb0h$7np@nic-nac.CSU.net>
Source record: 269275

Where do I call to get the latest Grove catalog? Does it cost anything?

Also, to continue on with the discussion of making a Motorola Cellphone (flip-phone type) into a scanner by grounding some connection in the battery compartment to put it into a test mode. Does this just make the cellphone into a cellular scanner by hearing the tower frequencies, or does it allow broadcasting on the handset frequency at the same time, allowing one to 'drop-into' an existing phone call? I don't know if this is possible, since the phone would have a different ESN, but it would do wonders to screw-up cellphone service.

But I sort of agree with another person's comments. Since the cellphone industry was semi-successful with cellular capable scanners, the FCC should also outlaw the cellphones themselves, since there are probably many ways in making many models into cellular scanners. This I wouldn't doubt, since cellphones are made dirt-cheap these days that they obviously don't have much security built in, and should be modifiable with anyone with the correct knowledge, and maybe a soldering iron...

1713. Re: [REQUEST] South FL Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-06 00:43:18 UTC
From: dbg@gate.net
Message-ID: <34gdv6$kqk@tequesta.gate.net>
Source record: 269276

Jen Kuiper (jkuiper@halcyon.halcyon.com.) wrote:
: I'm looking for some South Florida (Dade & Broward County, Miami & Ft
: Lauderdale) frequency information.
: ... if anyone has some to share.... :-)
[rest deleted]

What type of frequencies are you after? I have a file of about 100K worth of various frequencies I've monitored over the past few years. (Some are good, some aren't and some are unidentified). I would think posting the whole thing here would be a little too much. I'd be happy to e-mail it you (or anyone else that wants it) or I can post here just those frequencies you would be most interested in.

James

David Gilbert James Gilbert
dbg@gate.net http://www.gate.net/~dbg/

1714. Re: Advice on Grove filter?

Newsgroup: rec.radio.scanner
Date: 1994-09-06 01:13:09 UTC
From: smacken@aol.com
Message-ID: <34gfn5$4um@search01.news.aol.com>
Source record: 269277

In article <34g6o1$2ji@search01.news.aol.com>, wwhitby@aol.com (Wwhitby) writes:

The filter you are refering to is (i think) the Grove FTR5

I spoke personally with Bob Grove several years ago and he informed me that
he was soon to be releasing a new filter the FTR5.

I can only say this. FANTASTIC.

I live in a heavily populated area full of nasty rf. Including a pager or two.

Well it was as though I had moved to the top of a hill and installed a tower with hardline.

I could hear the NWS freqs from 50 miles away where without the filter I could hear nothing at all.

And I mean 'FULL QUIETING' no static at all.

The only drawback that I have noticed is that the bandwidth of the broadcast filter rolls off a little slowly above 108mhz resulting in some of the air freqs being attenuated somewhat. It seems to be good above 115mhz though.

In summary ; Go for the GROVE FTR5. It is worth every penny and more !!

Steve M WB1DNZ

1715. Phone Security Device for sale

Newsgroup: rec.radio.scanner
Date: 1994-09-06 02:34:56 UTC
From: satfax@nbnet.nb.ca
Message-ID: <satfax.152.0@nbnet.nb.ca>
Source record: 269278

I have available a new product that I'm sure you can find some use for. Have you ever wished you had an unlisted phone number but you can't see fit to pay the phone company the high monthly rate to maintain your phone privacy (in my area it costs $ 4.75 per month). OK, lets say you do pay the phone company the monthly rate to have an unlisted phone number and one of your friends, who you gave your number to, lets someone have your number who normally doesn't have it so they can get in touch with you. Pretty soon a lot of people have your "unlisted" phone number and you are getting calls from people you do't really want to talk to. Well you can correct that by having you unlisted phone number changed to a new number for the fee of $ 17.50, the cost in my area. You can see how soon all these charges add up and you still don't have complete control over your phone.....UNTIL NOW...

Available now you can own the " TELE-SCREEN " telephone security device which does the following:

Someone tries to call you and before your phone will even ring the caller is greeted by the voice prompt " Thank you for calling. Please input four-digit pass-code for connection ". Your phone will only ring if the caller enters the correct 4 digit code. If the caller enters an incorrect pass-code they will again be given one more chance, by voice prompt, to enter the correct pass-code. Should they fail to enter the correct code on the second attempt they will be automatically disconn--ected and your phone will not even have rung once. Of course only your closest friends and family will have the required 4 digit pass-code.
Now let's say that a friend gives the pass-code to someone that you really don't want to have it - no problem, you just change the pass-code at any time (as many times as you want) via the key pad on the top of the unit. The LCD display on the unit shows the current pass-code setting. It also comes packed with it's own plug-in power supply and is as easy to install as an answering machine. The unit can also be deactivated at any time with the simple push of one button. This will also work to secure your modem or fax line as well. This unit is very portable and compact and can be taken with you anywhere you go as well.
Finally, without being dependant on your phone company, you will be able to take control of your phone.

Available for $ 89.95 plus $ 4.95 shipping (TOTAL $ 94.90) payable by Postal Money Order ONLY, all other forms of payment will be refused. All prices are in U.S. funds. E-mail me if you are interested. All orders will be shipped via U.S. Mail from Maine.

satfax@nbnet.nb.ca

1716. Pager on PC

Newsgroup: rec.radio.scanner
Date: 1994-09-06 03:04:02 UTC
From: studebaker@aol.com
Message-ID: <34gm72$6t3@search01.news.aol.com>
Source record: 269279

I'd like to record my pages on my PC. Does anyone know of a board that will interpret the AF off of a scanner tuned to my Pager frequency and turn it into an ASCII text file?

1717. Re: Grove Catalog, Motorola Cellphones

Newsgroup: rec.radio.scanner
Date: 1994-09-06 03:47:46 UTC
From: Frank@english.microserve.com
Message-ID: <34gop2$87j@nuclear.microserve.net>
Source record: 269280

I would be interested in any information on the motorola Flipphones.

Also can someone give me groves phone number, I want to get added to
their mailing list.

Frank English
frank@english.microserve.com
Do you know where your computer is?

1718. DES ON 154.190

Newsgroup: rec.radio.scanner
Date: 1994-09-06 04:23:00 UTC
From: mike.scheel@slc.davenport.ia.us
Message-ID: <29a.44.2038@slc.davenport.ia.us>
Source record: 269281

In the last few days I have been hearing DES transmissions on 154.190
in northwest Illinois/eastern Iowa. The signal is about S3/5. Any ideas
who?

Michael W. Scheel RCMA IA-011
N0NGL [EN41RN] N0NGL@W0BXR.IA.US.NA
INTERNET:Bushranger@slc.davenport.ia.us

* 1st 2.00b #408 * Pinedale Mall bombed by turkeys, film at eleven.
--- Silver Xpress Mail System 5.03H1

Internet: mike.scheel@slc.davenport.ia.us (Mike Scheel)
This message was processed by RAuucp from Merlin Systems Inc.

1719. convert 460 to FM - one way....

Newsgroup: rec.radio.scanner
Date: 1994-09-06 04:32:05 UTC
From: hemmings@Violet.CCIT.Arizona.EDU
Message-ID: <0098408E.09E20200@Violet.CCIT.Arizona.EDU>
Source record: 269308

-> Does a device exist that converts the 460 Mhz to
-> the frequency used by FM stations?

Sure. Step 1) buy my old Bearcat 100 (pre-XLT, really old 16 channel scanner for, oh, say, $35. Step 2) get one of those close-out "Silent Play" adapters being closed-out by Radio Shack for about $15; Step 3) plug "silent Play" into earpnone jack of scanner, tune scanner to desired frequency, broadcast scanner audio to any FM radio within maybe 100 feet. Really good fidelity, too.
hemmings@ccit.arizona.edu

1720. Re: MIR space station freqs?

Newsgroup: rec.radio.scanner
Date: 1994-09-06 04:34:01 UTC
From: scan911@aol.com
Message-ID: <34grfp$8ha@search01.news.aol.com>
Source record: 269282

In article <34dos8$cvd@search01.news.aol.com>, oscweb@aol.com (OSC WEB) writes:

>MIR frequencies?

>I have 145.550 listed for ham contacts. Seems to me that there was >another in the 143.000 range. Haven't heard that one in a while.

The freq was 143.625 and I haven't monitored it lately because of interference problems in my shack. It was downlink only. The uplink from Cuba was narrow band FM in the normal aviation band.

Chuck
scan911@aol.com

1721. 2006 mods (cont'd)

Newsgroup: rec.radio.scanner
Date: 1994-09-06 04:54:01 UTC
From: shawn4sk1@aol.com
Message-ID: <34gsl9$8r0@search01.news.aol.com>
Source record: 269283

Yes, it's 2006 mods, Part 9642-

I read tonight that a guy souped up his 2006 to where he had a 6400 channel memory bank! I don't know if that's a well know one but it looked kinda hard to me... besides, 6400 is great but too far fetched for my neck of the woods- we only have 3 primary Police channels!! And I would consider my city to be fairly large...

Anyway, I was wondering, besides cutting the 2 diodes for scan speed increase and cell freqs, and of course the one I mentioned above, what other fairly easy mods are there? Also, for kicks, what are some of the more ridiculous ones? I've heard a bit about the computer interface one but it surprised the heck outta me to see a mod for 6400 channel memory! This thing can do anything, huh?!

Also, I read in the Grove Ad (heard not to trust Grove very much) that if you modify the 2006 to pick up cell freqs, it'll also provide a 30 step option. Mine doesn't. Is that because I have the "A" version or did I not do the whole mod? And with steps, is there really any hard, fast rule as to which freqs are best set to which steps?

Last, my friend saw something about the 2006 I supposedly posted to alt.radio.scanner- very funny guys... It's not that I don't agree with it but anyone who's been reading rec.radio.scanner for awhile knows a)how I feel about alt.radi.scanner and b)that I've only had a 2006 for about 2 weeks... Nice try.

Thanks In Advance to ALL Who Provide Answers To My 'Hopefully Not Too Over-redundant' Questions! :-) :-) :-)

Shawn4SK1@AOL.COM

1722. Re: Federal Licensing Problems

Newsgroup: rec.radio.scanner
Date: 1994-09-06 05:41:12 UTC
From: af546@yfn.ysu.edu
Message-ID: <34gvdo$q7u@news.ysu.edu>
Source record: 269284

I have been checking on a application for a public safety agency client
of mine that I submitted in June......I didn't connect with any voice
mail though I called Gettysburgh and it took approximately 12 minutes
to get through to a data clerk......What was nice to an age old problem
of just hanging on the phone is that every few minutes a digital voice
announced that I was the 5th in line, 4th in line, 3rd in line and so on.
At least I had an idea where I "stood" in line.

Once I got the clerk, I asked for the file number so I wouldn't have to
call back time and time again.
It is alot cheaper to track the progress via Interactive Systems, Inc.
on line FCC Database since they are the ONLY outside vendor of govt.
info that recieves data NIGHTLY.

BTW, she said that licensing was going about 84 days after receiving
the app from APCO.

In a renewal situation such as yours....wait NO MORE than three months
before expiration date and submit a modification by a simple mobile unit
increase. We all can use more radios. <grin>

Tony Rossi
T O P Communications
--

1723. Re: Icom Ct-17 Vs J-com I

Newsgroup: rec.radio.scanner
Date: 1994-09-06 06:35:20 UTC
From: henniger@crl.com
Message-ID: <34h2j8$gv7@crl.crl.com>
Source record: 269285

CRISP@NETCOM.COM writes:

>In article <Cv289B.FyI@nntpa.cb.att.com> zephyr@inuxs.att.com (Terry Florek)
>writes:
>>Does anyone know of any advantage to using the Icom CT-17
>>interface over the J-Com interface cables ?? Does the Icom
>>pass the S-meter signal or anything else that the J-Com
>>will ignore ?

>I also understand that the R7000 and R71A do not support the s-meter
>being read via the port. SO it is really a matter of the receiver
>multiplexing the s-meter onto the signal wire rather than the
>level converter offering or not offering S-meter support.

If you want to read any data over the interface, the radio must support
an explicit command for setting/ reading that particular piece of data.

If you want to read the squelch status, it is only supported on the
R9000, R72 and R7100 (according to the Icom CI-V Reference Manual
available for about $20.)

Reading the signal strength is allowed on the R9000 and the R7100.

The command number for Squelch is [0x15] [0x01]
The command number for signal strength is [0x15] [0x02]

As an example, the following would request squelch data:
if the controller has id of 0xe0, and the radio has id of 0x1e

[0xfe][0xfe][0x1e][0xe0][0x15][0x01][0xfd]

The radio should respond with
[0xfe][0xfe][0xe0][0x1e][[0x15][0x01][VVV][0xfd]

VVV is a single byte with the following two values:
0x00 == squelch is closed
0x01 == squelch is open

Keep in mind that the icom multidrop protocol is a *Single* data wire use
to both transmit and receiver over a CSMA ttl open-collector 'ethernet'
like interface (usually defaults to 1200 baud) so everything you transmit
will be echoed back to you in addition to everything anyone else on the
multidrop says.

Kind of cute way of doing any-to-any.
Mick
(wb5von)

1724. Re: 2006 mods (cont'd)

Newsgroup: rec.radio.scanner
Date: 1994-09-06 06:43:10 UTC
From: DPalmer@ix.netcom.com
Message-ID: <34h31u$hod@ixnews1.ix.netcom.com>
Source record: 269286

In <34gsl9$8r0@search01.news.aol.com> shawn4sk1@aol.com (Shawn4sk1) writes:

>
>Yes, it's 2006 mods, Part 9642-
>
>I read tonight that a guy souped up his 2006 to where he had a 6400
>channel memory bank! I don't know if that's a well know one but it looked
>kinda hard to me... besides, 6400 is great but too far fetched for my neck
>of the woods- we only have 3 primary Police channels!! And I would
>consider my city to be fairly large...
>
>Anyway, I was wondering, besides cutting the 2 diodes for scan speed
>increase and cell freqs, and of course the one I mentioned above, what
>other fairly easy mods are there? Also, for kicks, what are some of the
>more ridiculous ones? I've heard a bit about the computer interface one
>but it surprised the heck outta me to see a mod for 6400 channel memory!
>This thing can do anything, huh?!

I have read in Bill Cheek's book about the 6400 channel mod.
It involves removing and replacing a RAM chip and adding a DIP switch.
He also has mods for LED S-meters, Centering meters, squelch tightening
Tape outputs and switching, faster speedups and more.

>Also, I read in the Grove Ad (heard not to trust Grove very much) that if
>you modify the 2006 to pick up cell freqs, it'll also provide a 30 step
>option. Mine doesn't. Is that because I have the "A" version or did I
>not do the whole mod? And with steps, is there really any hard, fast rule
>as to which freqs are best set to which steps?

Should scan at 30KHz. Try pushing the ReSet button when in that range. It'll
default to NBFM at 30KHz spacing.

>Last, my friend saw something about the 2006 I supposedly posted to
>alt.radio.scanner- very funny guys... It's not that I don't agree with it
>but anyone who's been reading rec.radio.scanner for awhile knows a)how I
>feel about alt.radi.scanner and b)that I've only had a 2006 for about 2
>weeks... Nice try.
>
>Thanks In Advance to ALL Who Provide Answers To My 'Hopefully Not Too
>Over-redundant' Questions! :-) :-) :-)
>
>Shawn4SK1@AOL.COM
>

--

David Palmer DPalmer@ix.netcom.com
Monterey, California 4108@mgs.com
MPTV Cable, Western Communications

1725. Re: DTMF decoder for PC?

Newsgroup: rec.radio.scanner
Date: 1994-09-06 06:49:14 UTC
From: henniger@crl.com
Message-ID: <34h3da$hga@crl.crl.com>
Source record: 269287

glr@ripco.com (Glen Roberts) writes:

>J. D. Hubbard (dhubba@access1.digex.net) wrote:
>: Does anyone know of a PC-based program that uses a Sound Blaster
>: compatible board to digitize and decode DTMF (touch-tone) digits?

>I wired up a nice little one... but people tell me to shut up when I
^^^^^^^^^^^^^^^^^^^^^^^^
>post in this area, so I'll just keep it to my self.

It does not surprise me that people tell you to shut up.
The least you could do was answer the question given.

>Hint: Ask SSI for the datasheet on their DTMF decoders.
>--

ooh! Soo secretive! This must be really valuable....

FYI, there is an article which uses the Silicon Systems chip in page 34-3
of the 1994 ARRL Handbook for Radio Amateurs. Cute chip.
(chip supplied by Silicon Systems Inc., Syntronics.)

Mick
(wb5von)

>-------------------------------------
>Glen L. Roberts, Editor, Full Disclosure Magazine
>Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
>email glr@rci.ripco.com for information on The Best of Full Disclosure,
>four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
>email for uuencoded .TIF of T-Shirt Honoring the FBI
>-------------------------------------

1726. Re: Bearcat BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-09-06 06:56:43 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.116.0006F234@cornell.edu>
Source record: 269302

>I was thinking about getting a Bearcat 2500XLT scanner for use at
>airshows and listening into 220-400Mhz range. I haven't see nmuch
>traffic go by about this unit. Any experiences good or bad?

I have had mine for about 6 months and am real happy with it. the scan rate is phenominal. The only drawback I can find is in high RF areas. the front end is so sensitive that it overloads easily. However a 10db attenuator will fix that. It will pick up things on it;s rubber duckie that my Pro 2006 on a discone won't even here. If the price is right I would say go for it.
Carl

1727. Re: Phone Security Device for sale

Newsgroup: rec.radio.scanner
Date: 1994-09-06 07:05:21 UTC
From: henniger@crl.com
Message-ID: <34h4bh$igh@crl.crl.com>
Source record: 269288

satfax@nbnet.nb.ca (KAT KILLER) writes:

> I have available a new product that I'm sure you can find some use for.

I have built a prototype like this one. I included a function that
allowed the caller who did not know the passcode to leave a voicemail
message (like your old high school buddy, or your girlfriend who left you
but is reconsidering...)

Mick
(wb5von)

> Have you ever wished you had an unlisted phone number but you can't see
> fit to pay the phone company the high monthly rate to maintain your phone
> privacy (in my area it costs $ 4.75 per month). OK, lets say you do
> pay the phone company the monthly rate to have an unlisted phone number
> and one of your friends, who you gave your number to, lets someone have
> your number who normally doesn't have it so they can get in touch with
> you. Pretty soon a lot of people have your "unlisted" phone number and
> you are getting calls from people you do't really want to talk to. Well
> you can correct that by having you unlisted phone number changed to a
> new number for the fee of $ 17.50, the cost in my area. You can see how
> soon all these charges add up and you still don't have complete control
> over your phone.....UNTIL NOW...

> Available now you can own the " TELE-SCREEN " telephone security device
> which does the following:

> Someone tries to call you and before your phone will even ring the
> caller is greeted by the voice prompt " Thank you for calling. Please
> input four-digit pass-code for connection ". Your phone will only ring
> if the caller enters the correct 4 digit code. If the caller enters an
> incorrect pass-code they will again be given one more chance, by voice
> prompt, to enter the correct pass-code. Should they fail to enter the
> correct code on the second attempt they will be automatically disconn-
> -ected and your phone will not even have rung once. Of course only your
> closest friends and family will have the required 4 digit pass-code.
> Now let's say that a friend gives the pass-code to someone that you
> really don't want to have it - no problem, you just change the pass-code
> at any time (as many times as you want) via the key pad on the top of
> the unit. The LCD display on the unit shows the current pass-code setting.
> It also comes packed with it's own plug-in power supply and is as easy to
> install as an answering machine. The unit can also be deactivated at any
> time with the simple push of one button. This will also work to secure
> your modem or fax line as well. This unit is very portable and compact
> and can be taken with you anywhere you go as well.

> Finally, without being dependant on your phone company, you will
> be able to take control of your phone.
>
> Available for $ 89.95 plus $ 4.95 shipping (TOTAL $ 94.90) payable
> by Postal Money Order ONLY, all other forms of payment will be refused.
> All prices are in U.S. funds. E-mail me if you are interested. All orders
> will be shipped via U.S. Mail from Maine.

> satfax@nbnet.nb.ca

1728. Opto Scout reviews?

Newsgroup: rec.radio.scanner
Date: 1994-09-06 07:39:05 UTC
From: arnim@lenti.med.umn.edu
Message-ID: <Cvp6uJ.116@news.cis.umn.edu>
Source record: 269289

Has anyone tried the new Optoelectronics Scout 25? I've seen it advertised in Monitoring Times for a few months, sounds really cool!. According to the add it will "automatically find and record frequencies". Has a 50 freq memory for autostorage and a hit counter for each freq in memory. Also has a switchable audible alarm or a vibrator alarm when a new freq or one in memory is received.
I've got an old model 2210 that I bought about 3 years ago, full of dreams of "tralling" for freqs - just driving down the street and writing down all the new finds. Well of course that doesn't work too good because of all the continous psuedo-random display of everything it receives. The only way to actually "capture" a freq is to be continuously watching the display and look for the same freq shown twice in succesive displays. Pretty useless for semi-covert monitoring. I assume that this problem has been taken care of with this new unit.
Please let me know:
1) scan accuracy and false alarm problems.
2) approx range for differant wavelengths.
Also has anybody seen any reviews for this in any of the radio-magazines?

thanks

.
/

1729. Re: Cellphone to scanner!

Newsgroup: rec.radio.scanner
Date: 1994-09-06 07:49:25 UTC
From: henniger@crl.com
Message-ID: <34h6u5$j4k@crl.crl.com>
Source record: 269290
Cross-posted to: alt.cellular-phone-tech,rec.radio.scanner

Scott_Goldman@overnet.com (Scott Goldman) writes:

>>>In article <347u0s$d7@search01.news.aol.com>, GgaryPtrsn wrote:
>> In article <000171B9.fc@overnet.com>, Joshua_P._Kiem@overnet.com (Joshua
>> P. Kiem) writes:
>>
>> So is using a gun. But that hasn't stopped them yet. Maybe if it was in
>> the crime bill it would be all better.....

>Yeah, let's put all those 'vicious' scanner listeners in jail, that'll
>fix the 'crime' problem, won't it?<<

>PMFJI, but you are *missing the point*! It's not a matter of calling scanner
>listeners criminals, or throwing them in jail... it's a way of informing the
>public that it's not the "right thing to do" to listen in on someone's phone
>conversations - whether they're on landline or over the air. How would propose
>that society (or the government) do it? It's clear that we can't use the "good
>faith... I trust you" approach as long as there are people like you around.

>So, if you've got a better suggestion, I'm sure that everyone here, the industry
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>association and the federal government would all like to hear it.

I have an idea Scott -

How about the industry investing in a *very* small amount of foresight?
The industry had the technology to build a system that was secure and
instead chose to use a transmission mechanism that anyone could LEGALLY
listen to. (all these laws were not in effect in 1979 when they started
building the infrastructure.)

The radio listening hobby predates even the notion of cellular
communications.

Because the industry decided to compromise the integrity of the system
they were building (EVEN THOUGH THEY WERE WARNED NOT TO) anyone anywhere
could monitor the simple FM transmissions.

The industry noticed this and decided to engineer a solution...NOT!
The 'solution' was to spend money to buy a set of laws, because buying
laws is cheaper than retrofitting the $20 billion cellular
infrastructure in the US that was continually built up even though the
problem and solutions were well understood.

The result is that freedoms are compromised.

If the phone company decided that they would design a system
today which transmitted private information by posting the information on
billboards, this rationale suggests that the correct solution would be to
pass a law regulating those who look at billboards.

Other countries are doing it right. (e.g. gsm, jdc, ...)

We have no excuse, and have set an improper precedent.

Mick
(wb5von)

>Somehow, given your attitude, my guess is that you'd be screaming bloody murder
>if someone monitored your email, or put a tap on your house phone, or a bug in
>your living room without you knowing it. Yet, heaven forbid that the
>government, who says that *that* shouldn't happen, restrict your invasive little
>scanning hobby in the same regard.

>If you don't want people to spy on you in your own home, why should you be able
>to spy on them during their private conversations? Besides, after digital
>becomes more popular, all you desperate cellular looky-loos will have to go
>somewhere else for your thrills. Get a life, guy... doing what you want to do
>is the same as having some little old lady eavesdrop on a conversation. The
>only reason there *has* to be a restriction is because folks like you can't
>willingly leave it alone.

>I'm not a big fan of regulation, in fact quite the contrary... but in a society
>where folks like you insist on invading other's privacy just so that you can
>show you're capable of doing so, there should be *some* protection.

>And please, spare me any future diatribes about the "public airwaves". Like it
>or not, only *part* of the airwaves are public. That's life... I suggest you
>grow up and get another hobby. Or, maybe we should swap "rights"... you can
>keep the "right" to listen in on my cellular conversations using a scanner if
>you give me the right to listen to your phone conversations, open your mail,
>monitor your email, review your tax returns, etc.

>What's your choice?

>See you on the NET...
>=-=
>| scott_goldman@overnet.com (Internet)
>=-=
>OverNET delivers wireless industry news and information *online*!

1730. Yupi-7100 for sale!

Newsgroup: rec.radio.scanner
Date: 1994-09-06 07:49:52 UTC
From: sww@esq.win.net
Message-ID: <3@esq.win.net>
Source record: 269291

Yupi-7100 All mode handheld scanner for sale. 500khz-1600mhz, 1000 channels and packed with features. Make offer.

1731. Re: Phone Security Device for sale

Newsgroup: rec.radio.scanner
Date: 1994-09-06 09:13:34 UTC
From: david@roth-music.com
Message-ID: <0105009A.9377e4@david.roth-music.com>
Source record: 269292

In article <34h4bh$igh@crl.crl.com> (rec.radio.scanner), henniger@crl.com (Mickey R Henniger) writes:
>
> satfax@nbnet.nb.ca (KAT KILLER) writes:
>
> > I have available a new product that I'm sure you can find some use for.
>
> I have built a prototype like this one. I included a function that
> allowed the caller who did not know the passcode to leave a voicemail
> message (like your old high school buddy, or your girlfriend who left you
> but is reconsidering...)
>
> Mick
> (wb5von)
>
>
>
> > Have you ever wished you had an unlisted phone number but you can't see
> > fit to pay the phone company the high monthly rate to maintain your phone
> > privacy (in my area it costs $ 4.75 per month). OK, lets say you do
> > pay the phone company the monthly rate to have an unlisted phone number
> > and one of your friends, who you gave your number to, lets someone have
> > your number who normally doesn't have it so they can get in touch with
> > you. Pretty soon a lot of people have your "unlisted" phone number and
> > you are getting calls from people you do't really want to talk to. Well
> > you can correct that by having you unlisted phone number changed to a
> > new number for the fee of $ 17.50, the cost in my area. You can see how
> > soon all these charges add up and you still don't have complete control
> > over your phone.........UNTIL NOW...
>
> > Available now you can own the " TELE-SCREEN " telephone security device
> > which does the following:
>
> > Someone tries to call you and before your phone will even ring the
> > caller is greeted by the voice prompt " Thank you for calling. Please
> > input four-digit pass-code for connection ". Your phone will only ring
> > if the caller enters the correct 4 digit code. If the caller enters an
> > incorrect pass-code they will again be given one more chance, by voice
> > prompt, to enter the correct pass-code. Should they fail to enter the
> > correct code on the second attempt they will be automatically disconn-
> > -ected and your phone will not even have rung once. Of course only your
> > closest friends and family will have the required 4 digit pass-code.
> > Now let's say that a friend gives the pass-code to someone that you
> > really don't want to have it - no problem, you just change the pass-code

> > at any time (as many times as you want) via the key pad on the top of
> > the unit. The LCD display on the unit shows the current pass-code setting.
> > It also comes packed with it's own plug-in power supply and is as easy to
> > install as an answering machine. The unit can also be deactivated at any
> > time with the simple push of one button. This will also work to secure
> > your modem or fax line as well. This unit is very portable and compact
> > and can be taken with you anywhere you go as well.
> > Finally, without being dependant on your phone company, you will
> > be able to take control of your phone.
> >
> > Available for $ 89.95 plus $ 4.95 shipping (TOTAL $ 94.90) payable
> > by Postal Money Order ONLY, all other forms of payment will be refused.
> > All prices are in U.S. funds. E-mail me if you are interested. All orders
> > will be shipped via U.S. Mail from Maine.
>
> > satfax@nbnet.nb.ca
>

What if a family member is hurt in a car accident and is unable to
give the access code to the hosptial folks. How are they going to
contact you in an emergency?

What if you lost your wallet and when someone you don't know calls
to tell you and they don't get through because they don't know the access
code?

What if a company that has your resume from six months ago wants to
call and set-up an interview and they don't know the access code?

This sounds like an interesting device but I can see alot of problems
with it like the above. I wouldn't feel right about expecting everyone
else who calls me to remember a access code just to talk to me. What
if they forget the access code? How are they going to call up to
let you know? :-)

David

1732. Frequencies for LA County beaches

Newsgroup: rec.radio.scanner
Date: 1994-09-06 10:34:28 UTC
From: M09@tes.edu
Message-ID: <M09.13.000A9364@tes.edu>
Source record: 269320

Anyone have the freqs for the beach patrol for LA County. I will be travelling out there at the end of the month.

Thanks

1733. Re: International Scanner Suppliers?

Newsgroup: rec.radio.scanner
Date: 1994-09-06 11:09:42 UTC
From: steven@sgb.oau.org
Message-ID: <CvpGC8.J0z@sgb.oau.org>
Source record: 269293

Andrew V Routt (rout0003@maroon.tc.umn.edu) wrote:
: I have seen several references to International scanner suppliers and was
: wondering if someone would post any names/addresses/telephone numbers for
: them. I am interested in their selection and prices and would like to get
: on their mailing lists.

Suppliers of Scanners and Radio Equipment

The following suppliers (listed by country) sell uncensored MVT 7100 and other radio and scanning materials not available in the U.S. This information was accurate as of January 1994 and will be updated as needed.

United Kingdom

AOR (UK) Ltd.
Adam Bede High Tech Centre, Derby Road, Wirksworth, Derbys., DE4 4BG
Tel: (0629) 825926 Fax: (0629) 825927
Access/Mastericard and VISA

ASK Electronics Ltd.
248 Tottenham Court Road, London, W1P 9AD
Tel: (071) 637-0353/0590 Fax: (071) 637-2690

Communications Centre (Photo Acoustics Ltd.)
58 High Street, Newport Pagnell, Bucks, MK16 8AQ
Tel: (0908) 610625 Fax: (0908) 216373
Access/Mastercard and VISA

Haydon Communications
132 High Street, Edgeware, Middlesex, HA8 7EL
Tel/Fax: (081) 951-5782 Outside office hours: (0850) 586313
Access/Mastercard and VISA

Javiation
Carlton Works, Carlton Street, Bradford, West Yorkshire, BD7 IDA
Tel: (0274) 732146 Fax: (0274) 722627
Access/Mastercard and VISA

Lowe Electronics Ltd
Chesterfield Road, Matlock, Derbyshire, DE4 5LE
Tel: (0629) 580800 Fax: (0629) 580020 FaxInfo: (0629) 580008

Martin Lynch G4HKS
140-142 Northfield Avenue, Ealing, London, W13 9SB
Tel: (081) 566-1120 Fax: (081) 566-1207

Access/Mastercard and VISA

Nevada Communications
189 London Road, North End, Portsmouth, Hants, P02 9AE
Tel: (0705) 662145 Fax: (0705) 690626
Access/Mastercard and VISA

Waters & Stanton Electronics
22 Main Road, Hockley, Essex SS5 4QS
Tel: (0702) 206835 Fax: (0702) 205843
Access/Mastercard and VISA

--
How's that for a start... more coming shortly when it's done -- I also have another copy of Shortwave magazine (recent copy) to cross reference it.

Steven
--
Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

1734. Re: For cops who dont like scanners:READ!

Newsgroup: rec.radio.scanner
Date: 1994-09-06 11:54:27 UTC
From: sean@sdg.dra.com
Message-ID: <1994Sep6.065427@sdg.dra.com>
Source record: 269294

In article <1994Sep5.090044.4513@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
> In article <1994Sep4.024201@sdg.dra.com>, sean@sdg.dra.com (Sean Donelan) writes:
>> In article <1994Aug30.230906.4480@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>>> can record eight hours straight at EP. The fun thing here is that while there
>>> may be problems with "the authorities" setting up video surveliance systems,
>>> there's nothing on the books to stop private citizens from doing so...
>>
>> For video I think you are still correct. But be sure to unplug the microphone.
>
> Why??? This is a camcorder inside a private home. And though it's pointed
> outside, it's aimed at a public street and driveways, parking places, etc.,
> that are open to same... not in other people's windows. If people outside talk
> loudly enough for their nefarious plans to be overheard (and, incidentally,
> recorded), it's their lookout, especially since there are signs posted warning
> of the practice.

The problem is many video cameras have directional microphones. If you pick up conversations that would not have been audiable to the normal human ear, you may have trouble with that tape.

--
Sean Donelan, Data Research Associates, Inc, St. Louis, MO
Domain: sean@dra.com, Voice: (Work) +1 314-432-1100

1735. Re: Opto Scout reviews?

Newsgroup: rec.radio.scanner
Date: 1994-09-06 12:10:13 UTC
From: schuster@panix.com
Message-ID: <34hm75$ql1@panix2.panix.com>
Source record: 269295

In article <Cvp6uJ.116@news.cis.umn.edu>,
Arnim Sauerbier <arnim@lenti.med.umn.edu> wrote:
>
>
>
>Has anyone tried the new Optoelectronics Scout 25?

Only the designer ... they haven't shipped any yet.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1736. Re: OptoScan 456

Newsgroup: rec.radio.scanner
Date: 1994-09-06 12:21:01 UTC
From: malxndr@aol.com
Message-ID: <34hmrd$dkf@search01.news.aol.com>
Source record: 269296

In article <34ft0q$4l@search01.news.aol.com>, bsaladino@aol.com (BSaladino) writes:

>You cannot upload and download to and from the radio's memory. You can >use your radio the same way you do without an OptoScan456, when it's >not under computer conrtrol.

Does anyone have a clue whether you can load freqs into the 2006 with the Commtronics unit? That seems to be a worthwhile feature. Can anyone point me to a comparison review of both units? That would decide the issue for me (well, maybe).

1737. Hamfest calendar for N. Illinois - hamfest in Joliet 9/11/94

Newsgroup: rec.radio.scanner
Date: 1994-09-06 12:29:16 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CvpK0s.5rG@nntpa.cb.att.com>
Source record: 269313
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap,sci.electronics.repair,rec.radio.amateur.misc

HAMFEST/COMPUTERFEST CALENDAR 1994 - NORTHERN ILLINOIS
last updated July 26, 1994 |

o Please report additions or changes to Bob Parnass, AJ9S, office phone: (708)979-5414, electronic mail: parnass@ihlpf.att.com.

SEPTEMBER *

September 11, Sunday: Joliet, IL - Bolingbrook ARS Ham/Computerfest, Inwood Recreation Center, 3000 W. Jefferson. This is a medium size hamfest with indoor/outdoor flea market. Gates open 8 AM for general public. Outdoor flea market on paved lot -- setup at 6 AM. Use Exit 253 from I55, or Exits 126/130 from I80. Admission $5. VE testing 9 AM - 12 noon. Bring original license and photocopy, ID and photo ID, plus $5.75 test fee. Novice-only tests are free. Talk-in 147.33, 224.54, and 443.525 MHz repeaters. Indoor table reservation, call Ed Weinstein at 708-085-0527. Info, BARS Hotline (708)759-7005 between 6 AM and 9 PM. |

September 11, Sunday: Chicago, IL - Vintage Audio Fair |
The Vintage Audio Fair, organized by the Chicago Vin- |
tage Audio Society will be held on 11 Sep 1994 at |
Irish-American Heritage Center, 4220 N. Knox, Chicago, |
IL (vicinity of I94-Edens Expwy and Wilson Ave). We |
expect about 30 exhibitors and 300-500 people attend- |
ing. Admission is $5.00, table - $75.00. For more info |
call: days: 312-545-2641, nights: 312-338-1042. Mail |
your inquiry to: 5308 W. Lawrence, Chicago, IL 60630. |
The show is for all MacInstosh - Marantz freaks, tube |
maniacs, audiophiles, musicians, aficionados and all |
alike!

September 17-18, Saturday & Sunday: Peoria, IL - Superfest. Admission $5. For more info call (309)685-6698. Talk in on 146.76 (-600 kHz offset).

September 24-25, Saturday & Sunday: Grayslake, IL - Chicago FM Club, Ham Radio Expo. This is a large hamfest with indoor and outdoor flea markets. Lake County Fairgrounds, Rts 45 & 120. 6AM - 6PM. Info 146.76 MHz (-600). Admission $6 at gate, one ticket good for 2 days. Kids under 12 free.

OCTOBER

October 23, Sunday: Waukesha, WI - Kettle Moraine Ham-
fest Sponsor: Kettle Moraine Radio Amateurs Waukesha
County Exposition Center Forum Building, Highways J and
FT All orders MUST be accompanied by a SASE and mailed
to: KMRA Swapfest, P.O. Box 411, Waukesha, WI
53187-0411 General Admission - $4.00 ($5.00 at the
door)

NOVEMBER 1994

November 19-20, Sat.-Sun.: Fort Wayne, IN - Fort Wayne
Hamfest Sponsor: Allen County Amateur Radio Technical
Society (ACARTS) Allen County War Memorial Coliseum
Exposition Center Admission: $5.00 (No advance ticket
sales.) For information or table orders, send a SASE
to: ACARTS, P. O. Box 10342, Fort Wayne, IN 46851 or
call John Rufner at 219-483-6305 (table info) Don Gag-
non at 219-484-3317 (general info)

Nov 27, Sunday: Wheaton, IL - GMRS of Illinois May Fest
'94. Admission $5. Starts 8 AM. Setup 6 AM. Info,
call (708)690-1492.

COMPUTERFEST SCHEDULE

September 17, Saturday: Kankakee, IL - Computer Fest
1994. Sponsor: Kankakee River Valley Computer Users'
Group. Kankakee County Fairgrounds 9:00 a.m. to 3:30
p.m. Admission $4.00. Information: 815-935-8590 or
815-935-1605>

Computer Central, College of DuPAGE, Main Arena of the
Physical Education Building Park Blvd & College Road,
Glen Ellyn, Il. 708-940-7547 $5 with card Normal
admission $6.00 Opens 9:30 am - 3:00 pm

05/22/94, 06/26/94, 07/31/94, 09/18/94, 10/30/94,
11/27/94

Orland Park Computer Show held at The Orland Park Civic
Center, 147th Street & LaGrange Road, Orland Park, Il.
9:30AM - 3:00PM. Call 708-974-3123 for information or
to get on mailing list. Admission $5.00 or $4.00 with
card.

05/15/94, 06/12/94, 07/17/94, 09/18/94, 10/16/94,
11/20/94, 12/18/94

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==========
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1738. Re: Cordless Phones Seized by Serb Police

Newsgroup: rec.radio.scanner
Date: 1994-09-06 12:39:44 UTC
From: domonkos@access.digex.net
Message-ID: <Pc6RkiubGMV0066yn@access.digex.net>
Source record: 269297

In article <Vgc6Rc3w165w@mindvox.phantom.com>, dayglo wrote:
> > Sounds like an excellent idea to add such an amendment to Clowntoon's
> > so called Crime Bill. Just think how much more effective the
> > 100K new cops will be using radios that no one can overhear!
>
>
> Are you kidding me Clowntoons new 100K cops will NOT be using radios
> they will be using radar guns. You know how horrible a crime speeding
> is?
>
>

Warning, will these be Federal Police? (Anyone remember when a government
last instituted 'Federal Police'. SS, Gestapo?

1739. Re: !SECRET! Airshow Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-09-06 12:39:50 UTC
From: domonkos@access.digex.net
Message-ID: <Zg6RkiubGIX4066yn@access.digex.net>
Source record: 269298

In article <29e.2206.21@pfzrfsg.com>, System Supervisor wrote:
>
> Seems *very* strange that a tower would try to keep their latitude and
> longitude secret; makes for some very tough flight planning!
>
> In any case, the Airport/Facility Directory, published every 8 weeks by the
> Department of Commerce (NOAA), lists the precise latitude and longitude of
> nearly all airports (private and public) in the country. It is issued in 7
> volumes: Northeast, Southeast, South Central, North Central, Southwest, and
> Northwest. Much easier and more accurate than driving over with a GPS! :-)
>
> The book should be available from any outlet that sells aeronautical charts.
>
>
>
> ---
> Internet E-Mail: sysop@pfzrfsg.com (System Supervisor)
> ---

I ended up at the same airport and purchased the Northeast version. BTW,
I've known of individuals walk up to the pilots of military aircraft and
ask them what frequencies (channel) they were using and the boys in uniform
were more than happy to let them know. Go figure.

Andy

1740. Pro-43, what has changed?

Newsgroup: rec.radio.scanner
Date: 1994-09-06 12:39:55 UTC
From: domonkos@access.digex.net
Message-ID: <cr6RkiubGoDU066yn@access.digex.net>
Source record: 269299

What is the technical difference between the 800Mhz restorable Pro-43 and the non-restorable models (besides the cell-mod). Are the diodes only missing and is the chip that's used the same or have both been changed. If the chip is the same is it conceivable to mount a diode or go directly to the chip's pins for modifications? If the chip has been changed then all bets are off.

Andy

1741. Re: VHF MARINE

Newsgroup: rec.radio.scanner
Date: 1994-09-06 12:46:16 UTC
From: rwm@Central.KeyWest.MPGN.COM
Message-ID: <rwm.778855494@Central.KeyWest.MPGN.COM>
Source record: 269300

USERID@InforMNs.k12.MN.US () writes:
^^^^^^^^^^^^^^^^^^^^^^^^ You need to check your reader. Mail bounces!!!!

>Does anyone have the vhf marine band freqs? EX. what freq. is channel 83
>thanks

157.175 Simplex Ch 83CG USCG Auxiliary
161.775 Duplex Ch 83 Ship on 157.175 (Ship-Shore Only)

Rob
--
Rob Miracle
Tantalus Inc.
rwm@mpgn.com
"You have a problem? I have a plan!" -- Anton Devious

1742. stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-06 13:52:12 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <34hs6c$t0f@thecourier.cims.nyu.edu>
Source record: 269204

Monday, September 4. Radio Shack.. Princeton, NJ

Him: May I help you?
Me: Do you have your HTX-202's on sale?
H: We sure do [reaches for the demo and puts it on the counter]
M: Terrific. Do you take personal checks?
H: With a driver's license and a major credit card.
M: You do realize that's it's illegal to request a credit
card as backup to a personal check, don't you?
H: It's not my policy, sir, it's the company's.
M: That policy is illegal. Besides, I don't have one.
H: [Holds the *demo* behind his back] Then I can't sell
you the unit, sir.
M: Look, I'm a local. I have my license, the check is good.
H: *sigh* Fine, I'll do it. [walks over and gets a new one]
How long has it been illegal?
M: [caught off guard] ummm, about a year.
H: That's funny, we just started asking a year ago, and I never
heard about that.
M: It doesn't surprise me that big corporations wouldn't want
that to get out. They want to protect themselves at all angles.
H: You know, I just need to look at the expiration date. I
don't need the number or anything.
M: That's fine and dandy. I don't have a credit card.
[open the box, examine the contents, he sells me the service plan]
[I write out the check and write my license number down without
even looking since my license address is far away from the Princeton
address on my checks]
H: Do you have your license number memorized or something?
M: Yup.
H: Sheesh.

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

1743. Re: NC police acronym 'NCIC'?

Newsgroup: rec.radio.scanner
Date: 1994-09-06 13:53:16 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <34hs8c$t0f@thecourier.cims.nyu.edu>
Source record: 269301

In Jersey, I've heard SCIC, which probably means "State".

NCIC is used most common by far, though.
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

1744. Re: tracing clell-phone calls

Newsgroup: rec.radio.scanner
Date: 1994-09-06 13:57:25 UTC
From: barryc@mpd.tandem.com
Message-ID: <1994Sep6.135725.28024@integrity.uucp>
Source record: 269303

RE:

: Actually with satellites and using DTOA (Differential Time of Arrival)
: techniques a transmitter can be located quite precisely. It is just a matter
: of spending the bucks to do it. In cases of satellite jamming (a la
: Captain Midnight/HBO) it is worth the time and energy to do it.

Captain Midnight was caught because he bragged about his exploits. The FEDs would like to have you think it was a high tech investigation that exposed him but in reality it was his big mouth (low tech). Another urban legend (one that the FEDs like to repeat).

It's like the stories about how OJ was tracked down. Some media sources have implied that the cellular call was traced. Yeah, he was traced via a cellular phone - the one the folks used to call in on after seeing the Bronco.

We should be more concerned about that poor boy in England who needs (insert you favorite, business cards, get well cards, etc.) to help him make the Guiness (sp?) World record book... :)

Barry D. Chalcroft / N5NWI Tandem Computers ISD, Austin,TX
Work: (512) 244-8723 The Home of "UNIX with Integrity"
EMAIL: barryc@mpd.tandem.com
76500.2177@compuserve.com

1745. Re: Pager on PC

Newsgroup: rec.radio.scanner
Date: 1994-09-06 14:14:05 UTC
From: rxy5310@hertz.njit.edu
Message-ID: <1994Sep6.141405.15618@njitgw.njit.edu>
Source record: 269304

Could someone send me or post the common frequencies which
pager messages are sent on? I live in th NYC area.
--

Rolan Yang rxy5310@hertz.njit.edu
Electrical Engineering New Jersey Institute of Technology

1746. Re: Advice on Grove filte

Newsgroup: rec.radio.scanner
Date: 1994-09-06 14:28:00 UTC
From: larry.nebron@pcgfx.com
Message-ID: <e7.9675.2508.0NE73661@pcgfx.com>
Source record: 269305

K>Message-ID: <34ffag$otb@hp-col.col.hp.com>
>Newsgroup: rec.radio.scanner,alt.radio.scanner
>Organization: HP Colorado Springs Division

K>I too was excited when I first noticed his latest ad for the new line of
>filters. However, if you read the text carefully, you will note that none
>of the filters claim to actually notch out the frequency bands where most
>pagers are located (near 151 and 158 MHz). Thus, although they claim
>these filters can "notch out pager interference" they won't.

K>The best thing I can suggest is to insert a 10 to 20 dB attenuator in
>line with your antenna in order to reduce the overall signal strength.
>This should greatly improve the pager interference problem (due to
>receiver front-end overload). The drawback to this, of course, is that
>the desired -signals- are reduced as well. If they are local, you may
>not notice too big a difference.
I live in Urban area that is a test for any scanner. I'm within the
line of site (five miles) from a massive TV tower carrying five
stations, plus FM stations and to the South of that I am looking at
several more TV stations antennas on a mountain. What I found is even
my YUPI suffered from strong overload until I purchased a AOR MPIF-1
filter. It's not cheap at $59.00 but IT WORKS! The YUPI is great radio
with it attached and a piece of junk without it. All the of cross-mod
and most of the pager interference disappeared.
---
* QMPro 1.52 * Danger: Shortwave listening is habit forming!

1747. Bought a BC8500XLT...mistake?

Newsgroup: rec.radio.scanner
Date: 1994-09-06 14:36:28 UTC
From: nfrancis@indiana.edu
Message-ID: <nfrancis.28.00099BE3@indiana.edu>
Source record: 269306

I'm new to scanning. I recently bought an BC8500XLT for $350. I reasoned that it was Uniden's best scanner, and had the added benefit of an alphanumeric display (can program in a name for the freq display; e.g., Dallas Police).

1. Was this a mistake? Are there flaws in the design of this model? Is this model now discontinued?
2. The technical specs in the manual are lousy. Anyone have info such as receiver sensitivity, etc.?
3. I'm not particulary interested in cellular coverage, but...is there a way to modify this model for continuous 800 mhz coverage? I am picking up cellular in the 1268 - 1280 mhz range. These are images, right?
4. Without an alphanumeric display on scanners with 500 to 1,000 channels, how in the world does someone remember what all of those channels are assigned to?
5. I can't program an alphanumeric display to the channels above bank J (251 - 500). Am I doing something wrong, or is this a limitation? The manual doesn't say anything about this limitation, and the ad pictures for this model clearly show an alphnumeric display on channel 500.

Any help would be appreciated. Thanks.

Nat Francis, nfrancis@indiana.edu

1748. Re: !SECRET! Airshow Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-09-06 14:53:17 UTC
From: dingman+@cs.cmu.edu
Message-ID: <34hvot$9jg@casaba.srv.cs.cmu.edu>
Source record: 269307
Cross-posted to: rec.aviation.misc,rec.radio.scanner

Okay, thanks everyone. I just thought it was a little strange
that they didn't volunteer the frequency, but I hadn't thought of
the "stuck mike" scenario. One thing I did think was funny, that I
didn't mention in my original post is that if you listen only to
the tower, they mention the show control frequency about every 10-20
minutes, usually for the medevac helicopters ("Life Flite one,
contact show control for clearance, 126.0").

Saw both the Cleveland show (same control freq as last year :-)), and
the Latrobe/Westmorland County show. What a weekend!

- Chris

+--+
| Christopher P. Dingman |
| Electrical and Computer Eng. Dept. dingman@ece.cmu.edu |
| Carnegie Mellon University (412) 268-7119 |
| 5000 Forbes Ave |
| Pittsburgh, PA 15213 |
+--+

1749. Re: NC police acronym 'NCIC'?

Newsgroup: rec.radio.scanner
Date: 1994-09-06 15:28:02 UTC
From: tharrell@nmsu.edu
Message-ID: <34i1q2$a4f@dns1.NMSU.Edu>
Source record: 269309

Darrell A. Larose (ad607@FreeNet.Carleton.CA) wrote:

: Up here in Canada we have CPIC run by the R.C.M.P.

: Canadian Police Information Computer, we often will run NCIC checks
: on vehicles with USA licence plates. Our City police force has MDT
: (Mobile Data Terminals) in every car, but NCIC checks have to be
: run through a limited access modem connection to the FBI. Hope this
: clears some things up.

So the RCMPs use MDTs for CPIC and for USA, NCIC via FBI? :)

--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\--/

1750. Re: Shinwa Scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-06 15:41:07 UTC
From: ian@isis.demon.co.uk
Message-ID: <778866067snz@isis.demon.co.uk>
Source record: 269310

In article <34dqap$f3u@homer.alpha.net>
dfleming@earth.execpc.com "Dan Fleming" writes:

> Has anyone had any experience, good or bad with this scanner? I picked
> one up at a Hamfest and have not had good experience with it. I have
> to pick up the manual every time I do anything with it. (I know, DUH.)

Do you mean the one with the fancy remote control ?
It's tough and it's pretty. It's bloody illogical in the way the controls
work, but once working it's pretty good. The two antenna system is nice and
I have to admit that I like the remote. When new, it was *very* over-priced.
You were very lucky to pick up a manual. In fact, I didn't realise that a
manual had ever existed as I have never seen one.
By the way, has yours got the RS232 interface fitted ?

Ian.
--

| Ian Smith | "The Moving Finger writes;
| ian@isis.demon.co.uk | and, having writ, Moves on."

1751. Re: Cellphone to scanner!

Newsgroup: rec.radio.scanner
Date: 1994-09-06 15:47:30 UTC
From: Jim.Rees@umich.edu
Message-ID: <34i2ui$eiv@lastactionhero.rs.itd.umich.edu>
Source record: 269208
Cross-posted to: alt.cellular-phone-tech,rec.radio.scanner

In article <34h6u5$j4k@crl.crl.com>, henniger@crl.com (Mickey R Henniger) writes:

How about the industry investing in a *very* small amount of foresight?
The industry had the technology to build a system that was secure and
instead chose to use a transmission mechanism that anyone could LEGALLY
listen to.

It's even worse than that. Not only is the voice sent in the clear, but the
authentication data is sent in the clear too. So anyone can forge a valid
ESN using data they snoop off the air. This of course has led to massive
fraud, which has led to the abominable roaming situation we have in the US
today. It also, as you note, led to the cellular industry buying the repeal
of the Communications Act of 1934.

1752. Re: 162.550 mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-06 15:49:30 UTC
From: <>
Message-ID: <34i32a$k6t@wizard.uark.edu>
Source record: 269311

glr@ripco.com (Glen Roberts) writes:

>Nah... I got bitched at for posting "interesting" discussions in .radio.scaner,
>so I figured I'd try something as bland as ya can get.

Well, well, well. I thought all the folks in rec.radio.shortwave got
over having us scanner folks leave. It *has* been a year after all.

Now, let's see: 'K' then 's' ...

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

1753. Re: 2006 mods (cont'd)

Newsgroup: rec.radio.scanner
Date: 1994-09-06 15:53:02 UTC
From: shawn4sk1@aol.com
Message-ID: <34i38u$has@search01.news.aol.com>
Source record: 269312

In response to Dave Palmer's response to my post:

I wanted to say thanks to you Dave and post some additional info on 30 step in case others are in the same newbie boat I was just in-

Yes, pushing reset while scanning in the 800 bands does offer you 30 khz step- BUT, it doesn't add the 30 step position to the step button options- if, for any reason, when you go back to the 800's the 30 step is not activated, you just hit reset again and it'll come back.

Thanks again Dave- it works great!!!

Shawn4SK1.AOL.COM

1754. Re: Grove No-Tenna comments and experiences?

Newsgroup: rec.radio.scanner
Date: 1994-09-06 16:48:20 UTC
From: kavolius@Hopper.ITC.Virginia.EDU
Message-ID: <Cvpw0K.GLC@murdoch.acc.Virginia.EDU>
Source record: 269314
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Gary Palmer (gpalmer@blue.weeg.uiowa.edu) wrote:

: Does anyone have any experience or comments regarding the Grove No-Tenna?

Yes, I purchased one and QUICKLY returned it. Poor reception in my car.
I replaced it with the CONDOR antenna and it performs much better than th
NO-TENNA and the original antenna... even in the car. I recommend the
CONDOR if you are going to buy another rubber antenna.

--
Vytas A. Kavolius
kavolius@hopper.itc.virginia.edu

1755. Re: Advice on Grove filte

Newsgroup: rec.radio.scanner
Date: 1994-09-06 16:56:00 UTC
From: grady@netcom.com
Message-ID: <gradyCvpwDD.DqM@netcom.com>
Source record: 269315

Larry Nebron (larry.nebron@pcgfx.com) wrote:
: line of site (five miles) from a massive TV tower carrying five
: stations, plus FM stations and to the South of that I am looking at
: several more TV stations antennas on a mountain. What I found is even
: my YUPI suffered from strong overload until I purchased a AOR MPIF-1
: filter. It's not cheap at $59.00 but IT WORKS! The YUPI is great radio

I might suggest you get ICEs free catalog. They make extremely good
filters -- high, low, and passband, for everything from 100 KHz up.

Also DC active lighting surge protectors. All extrememly heavy duty.

Call 1 800 ICE COMM for free catalog and rf interference fact sheet.

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

1756. Blue Angels/Thuderbirds Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-06 17:00:18 UTC
From: dingman+@PIE9.MACH.CS.CMU.EDU
Message-ID: <34i772$ijn@casaba.srv.cs.cmu.edu>
Source record: 269316
Cross-posted to: rec.aviation.misc,rec.radio.scanner

After posting that I "already had a list of freqs to scan for the Blue Angels/Thuderbirds" I received a flood of mail asking me to post my list, so here it is. Nothing new, that I know of. These have been consolidated from several postings over the past couple of years.

This past weekend in Cleveland the Blue Angels were using 275.350 and 251.600. At the Latrobe/Westmorland Co PA airshow the Thunderbirds were using 141.850 and 322.600, with some support traffic on 413.100 (like, "Hey, get Jean-Claude Van Damme's autograph for Jim and I, too!" -- really! :-)). Note also that the 141.850 traffic was AM (glad I have a Pro-43!).

- Chris

+---+
| Christopher P. Dingman |
| Electrical and Computer Eng. Dept. dingman@ece.cmu.edu |
| Carnegie Mellon University (412) 268-7119 |
| 5000 Forbes Ave |
| Pittsburgh, PA 15213 |
+---+

THUNDERBIRDS U.S. Air Force
66.900 Ground Support NBFM
114.9500 THUNDERBIRDS AIR FORCE NATIONWIDE
118.100 REPORTED OPERATIONS
118.200 REPORTED OPERATIONS
120.450 reported ops
123.400 air show common
123.450 AIR TO AIR CHIT CHAT
124.9300 THUNDERBIRDS AIR FORCE NATIONWIDE
134.100 REPORTED OPERATIONS
138.875 REPORTED OPERATIONS
140.000 REPORTED OPERATIONS
140.400 AIR TO AIR TACTICAL & GROUND CHIT CHAT CHANNEL
141.300 REPORTED OPERATIONS
141.850 VICTOR 1 PRIMARY [air to air]
143.850 VICTOR 2 SECONDARY
148.175 other fq reported
148.550 REPORTED OPERATIONS
148.550 Ground Support NBFM
235.250 THUNDERBIRD CONTROL [Team Leader]
236.550 SOLOS 5 & 6 AIR TO AIR

236.600 air to air
241.400 Solo 5-6
250.850 REPORTED LEADER CUES [Team Leader]
273.500 REPORTED F2 /Solo 5-6
283.500 REPORTED F3 Solo 5-6
294.700 REPORTED OPERATIONS [air to air]
295.700 REPORTED F1
319.700 reported operations
322.300 REPORTED F4 [air to air]
322.600 REPORTED F5 [air to air]
322.950 ANSWERS TO 235.250 / SOLOS 5 & 6 AIR TO AIR
382.900 REPORTED F6 [air to air tactical]
383.900 Air to Air [UHF]
392.900 reported operations
394.000 REPORTED F7 [air to air tactical]
413.025 Ground Support NBFM [Channel 2]
413.100 Ground Support NBFM [Channel 1]

.....

123.4000 NAVY BLUE ANGELS COMMON CONTROL
142.0000 BLUE ANGELS TEAM NAVY NATIONWIDE
142.0250 BLUE ANGELS TEAM NAVY NATIONWIDE
142.2625 BLUE ANGELS TEAM NAVY NATIONWIDE
142.2650 NAVY BLUE ANGELS: UNKNOWN USE
143.0000 NATIONWIDE BLUE ANGELS ALSO 118.2 ,275.35 ,142.0 ,241.4 ,360.4
,391.1 ,395.9
142.6250 NAVY BLUE ANGELS GROUND SUPPORT FEEDS 142.025
143.0000 NAVY BLUE ANGELS AIR-AIR 'B'
143.6000 NAVY BLUE ANGELS MAINTENANCE/GROUND CREW
241.4000 USN BLUE ANGELS AIR TO AIR Y
246.4 - Solo/2-Team
250.8000 USN BLUE ANGELS AIR TO AIR Y
251.6000 USN BLUE ANGELS AIRCRAFT 5-6 (CH-19) ALSO AIR TO GND Y
263.350 Maintenance (My Plane's Broke! FIX it, Ground Mech!)
275.3500 USN BLUE ANGELS AIRCRAFT 1-4 ALSO AIR TO GND Y
302.150 All Aircraft
307.700 Alternate All Aircraft
360.4000 USN BLUE ANGELS AIR TO AIR Y
384.4000 USN BLUE ANGELS AIR TO AIR Y
391.9000 NAVY BLUE ANGELS AIR-AIR
395.9000 USN BLUE ANGELS AIR TO AIR Y

.....

032.2000 U-S ARMY GOLDEN KNIGHTS OPS SECONDARY
032.3000 U-S ARMY GOLDEN KNIGHTS OPS
042.0250 U-S NAVY BLUE ANGELS GROUND SUPPORT RPTR OUT
042.3500 U-S ARMY GOLDEN KNIGHTS OPS PRIMARY
121.9000 NAVY BLUE ANGELS GROUND SUPPORT
123.4000 U-S ARMY GOLDEN KNIGHTS COMMON CONTROL

.....

CANADIAN SNOWBIRDS ch.1 275.80 ch.2 295.60 ch.3 310.80
ch.4 227.60 ch.5 243.40 ch.6 240.50
ch.7 378.50 ch.8 266.30 ch.9 294.50
ch.10 322.80 ch.11 245.70 ch.12 316.50
ch.13 344.50 ch.14 356.60 ch.15 236.60
ch.16 283.90 ch.17 363.80 ch.18 289.40
ch.19 245.0 ch.20 239.80

.....

Brazilian A.F. 130.55 130.655 132.25
.....

1757. Re: Pager on PC

Newsgroup: rec.radio.scanner
Date: 1994-09-06 17:02:36 UTC
From: neotenic@dorsai.org
Message-ID: <CvpwoD.A7E@dorsai.org>
Source record: 269317

STUDEBAKER (studebaker@aol.com) wrote:
: I'd like to record my pages on my PC. Does anyone know of a board that
: will interpret the AF off of a scanner tuned to my Pager frequency and
: turn it into an ASCII text file?

At the recent H.O.P.E. convention in NYC, there was on display a product
called Scanstar, I think that allowed one to connect a scanner to a PC
and intercept pages addressed to a particuliar frequency. You can
download a demo version @ 408-258-6462

I woke the same as any other day, except a voice was in my head. It said
seize the day, pull the trigger drop the blade and watch the rolling
heads...
--SOUNDGARDEN--

--

I woke the same as any other day, except a voice was in my head. It said
seize the day, pull the trigger drop the blade and watch the rolling
heads...

1758. Re: Pager on PC

Newsgroup: rec.radio.scanner
Date: 1994-09-06 17:04:23 UTC
From: neotenic@dorsai.org
Message-ID: <CvpwrB.ADM@dorsai.org>
Source record: 269318

Rolan (rxy5310@hertz.njit.edu) wrote:
: Could someone send me or post the common frequencies which
: pager messages are sent on? I live in th NYC area.

I believe they're in the 900MHz range

I woke the same as any other day, except a voice was in my head. It said
seize the day, pull the trigger drop the blade and watch the rolling
heads...
--SOUNDGARDEN--

--

I woke the same as any other day, except a voice was in my head. It said
seize the day, pull the trigger drop the blade and watch the rolling
heads...

1759. BC-700 Preprogramed Scanner For Sale!

Newsgroup: rec.radio.scanner
Date: 1994-09-06 17:16:36 UTC
From: sww@esq.win.net
Message-ID: <8@esq.win.net>
Source record: 269319

BC-700 is preprogrammed with all fire, police, air, weather, and emergency channels. Plus 50 user programable channels. Full 800mhz coverage. $140 Or best offer.

1760. FCC licensing for scanners in cars?

Newsgroup: rec.radio.scanner
Date: 1994-09-06 18:00:43 UTC
From: eth@tiamat.umd.umich.edu
Message-ID: <eth.778874219@tiamat.umd.umich.edu>
Source record: 269321

A while back I thought that some one mentioned that you were could have scanner in your car in Michigan if you had a FCC license of some kind. Three questions, 1. Is this true? 2. What type of license is it? 3. What do you have to meet to get this license? (Age, type of scanner) Also if anyone has freqs for the Detroit 313 area, please email

Dave
eth@tiamat.umd.umich.edu

1761. FOR SALE: Scanner books/r

Newsgroup: rec.radio.scanner
Date: 1994-09-06 18:05:20 UTC
From: Rickey.Stein@illusion.metronj.org
Message-ID: <541_9409070403@nisc.fidonet.org>
Source record: 269122

Just wondering if you received my message about the Low Band Skip Book
you had for sale? Still interested if it is available.

Rickey Stein

1762. Re: McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-06 18:28:52 UTC
From: wps@ElSegundoCA.NCR.COM
Message-ID: <6679@tdbunews.teradata.COM>
Source record: 269322

look on oak.oakland.edu in:
/pub/hamradio/docs/misc/fastfood-frequencies

+---+
| Bill Starkgraf wps@ElSegundoCA.ncr.com |
| AT&T Global Information Solutions (310) 524-5754 |
| El Segundo, CA (800) 222-8372 x5754 |
| |
| Call: KD6UQB Simi Settlers ARC |
| Simi Valley, CA |
+---+

1763. RE-LAPSE

Newsgroup: rec.radio.scanner
Date: 1994-09-06 18:49:29 UTC
From: tony.fagler@hotelnet.com
Message-ID: <9409061849.0QG1I00@hotelnet.com>
Source record: 269185

Is rec.radio.scanner the same excat area as alt.radio.scanner or what ever the alt group is?

Tony Fagler

```
////////////////////////////////////
// tony.fagler@hotelnet.com //
// //
// DENVER, CO //
////////////////////////////////////
```

1764. PRO-51

Newsgroup: rec.radio.scanner
Date: 1994-09-06 18:49:29 UTC
From: tony.fagler@hotelnet.com
Message-ID: <9409061849.0QG1K00@hotelnet.com>
Source record: 269186

I was wondering if any one has any modifications for the radio shack pro-51?

Tony Fagler

tony.fagler@hotelnet.com

1765. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-06 19:18:16 UTC
From: banister@lobby.ti.com
Message-ID: <banister.87.00134E8D@lobby.ti.com>
Source record: 269187

In article <1994Sep2.181336.4503@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>From: jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems)
>Subject: Re: Scanner output thru car speakers
>Date: 2 Sep 94 18:13:36 PST

>In article <e5w1Rc2w165w@dcsborg.cls.com>, doogie@dcsborg.cls.com (Doogmeister)
>writes:
>> PhillipsJ-cic-is@redstone-emh2.army.mil (Jimmy Phillips) writes:
>>
>>> Please forgive me if this issue has been discussed before, I was just
>>> wondering if it would be possible to get a good sound output from a scanner
>>> thru your cars radio speakers. [...]

>> I've found that those portable CD player to cassette adapters work
>> great for using the cars speakers for my scanner.

>Agree - it works great.

>Someone else suggested using something like a Rat Shack "Silent Play"
>(an FM stereo transmitter/receiver pair; you can throw away the receiver)
>to pipe the sound into the car FM tuner. There are numerous other gadgets
>like this on the market, intended to let you do things like play your Walkman
>through the FM stereo radio in rental cars, but the Rat Shack unit is by far
>the cheapest. However I wonder about having a transmitter that close to the
>scanner -- even though it's a very weak transmitter, it's also going to be
>VERY, VERY close, and might cause receiver desensitization through front-end
>overload. At $15 or so for the Silent Play it isn't that expensive to find
>out...

I bought a Silent Play and have been using it in my car for several
days with my Pro-43 and it works fine. At $15 I couldn't resist
having one to transmit to my headphones at home, but I quickly
decided to try it out in the car, too!

Danny

Danny Banister email: ddb1@msg.ti.com
Texas Instruments Incorporated email: 4403502@mcimail.com
13353 Floyd Road , MS 370 phone: (214) 995-1520
Dallas, Texas 75265
"Statements made here are my personal opinions; I do NOT speak for TI"

1766. Pro-51 New aquisition

Newsgroup: rec.radio.scanner
Date: 1994-09-06 19:31:41 UTC
From: jdavis02@troy.eng.eds.com
Message-ID: <34ig2t$9ji@pascal.troy.eng.eds.com>
Source record: 269323

Howdy folks,

I just aquired a new RS Pro-51 and I am VERY happy with it, especially since the selling price was $219, down from $299.

Unit doesn't have a bad 'birdie' problem that's prevalent in other scanners of this type. A nice, small hand-held. Pretty fast scanner. Has a lot of useful features, like 200 channels, preprogrammed WX, AIR, FIRE, MARINE frequency bands (don't count into your 200 channels), built-in charger, frequency scan up/down range... Seems to pick up a good range of signals.

There were a few Pro-43's left in the northern suburbs of Detroit. Only one radio in 4 stores had a serial number without an 'A' leading it, and that one was an abused display model. They were all still priced around $340.

So, considering the 'fumble keyboard mod' available on this radio, I think it was a good choice for the first-timer-really-wanting-to-get-into-the-hobbist.

1767. Re: !SECRET! Airshow Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-09-06 20:09:31 UTC
From: Schoen@ix.netcom.com
Message-ID: <34ii9r$72l@ixnews1.ix.netcom.com>
Source record: 269324

In <29e.2206.21@pfzrfsg.com> sysop@pfzrfsg.com (System Supervisor) writes:

>
>* In a message originally to ALL, Andy Domonkos said:
>
>AD> I guess it's their butt-headed mentality. I called a local Maryland
>AD> control tower to get their long/lat positions for a flight
>AD> simulation scenario I was developing and they refused to give it out
>AD> (like anyone couldn't drive over there w/a GPS unit in-hand).
>
>Seems *very* strange that a tower would try to keep their latitude and
>longitude secret; makes for some very tough flight planning!
>
>In any case, the Airport/Facility Directory, published every 8 weeks by the
>Department of Commerce (NOAA), lists the precise latitude and longitude of
>nearly all airports (private and public) in the country. It is issued in 7
>volumes: Northeast, Southeast, South Central, North Central, Southwest, and
>Northwest. Much easier and more accurate than driving over with a GPS! :-)
>
>The book should be available from any outlet that sells aeronautical charts.
>
>
>
>---
>Internet E-Mail: sysop@pfzrfsg.com (System Supervisor)
>---
>

If anyone needs a long/lat for Mid-Atlantic airports, I have the guide as well as several other relevant aviation publications that are useful for scannists for the Mid-Atlantic and Northeast regions.

schoen@ix.netcom.com

1768. Re: OptoScan 456

Newsgroup: rec.radio.scanner
Date: 1994-09-06 20:44:58 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Sep6.124458.4520@cmkrnl>
Source record: 269175

In article <34hmrd$dkf@search01.news.aol.com>, malxndr@aol.com (Malxndr) writes:
> In article <34ft0q$4l@search01.news.aol.com>, bsaladino@aol.com
> (BSaladino) writes:
>
>>You cannot upload and download to and from the radio's memory. You can
>>use your radio the same way you do without an OptoScan456, when it's >not
> under computer conrtrol.
>
> Does anyone have a clue whether you can load freqs into the 2006 with the
> Commtronics unit? That seems to be a worthwhile feature.

Yes, you can. It isn't super-fast (it takes about 6 minutes for 400 channels),
but it's a lot better than programming the thing by hand.

ie this isn't a substitute, but rather a supplement, for the 6400-channel mod.
(which was recently expanded to 25600 channels!!)

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

1769. Listing

Newsgroup: rec.radio.scanner
Date: 1994-09-06 20:46:06 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <34ikee$5oo@thecourier.cims.nyu.edu>
Source record: 269176

Hi folks.. a short while ago I suggested putting together
a list of scanners and indicating for each whether they
are triple conversion and cell modifyable. Well, I'd
like to put such a list together.

So, will everyone "in the know" please email me details
about as many scanners as you know of. Don't send
any "I think" messages.

I need to know the make, model, whether it is double
or triple conversion, cell modifyable, and any notes
(less than five words) that absolutely must be included.
Notes should be something like "not mod-able after s/n
xxxxxx" (as is for the Pro43) or "ALL units mod-able"
(as is for the Pro2006).

Please do NOT send modifications or reviews. Just
those few details.

I'll post when it's ready.. keep sending me those snippets.

Thanks..
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

1770. Re: tracing clell-phone calls

Newsgroup: rec.radio.scanner
Date: 1994-09-06 21:06:02 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.82.000F1A36@chevron.com>
Source record: 269177

In article <1994Sep6.135725.28024@integrity.uucp> barryc@mpd.tandem.com (Barry Chalcroft,2136,x8723,18849,) writes:
[snip]
>It's like the stories about how OJ was tracked down. Some media sources have
>implied that the cellular call was traced. Yeah, he was traced via a cellular
>phone - the one the folks used to call in on after seeing the Bronco.
[snip]

Cellular calls can be tracked down to fairly "searchable" areas. The equipment an software is in place to assist with law enforcement efforts and is used everyday. It's not like a radar screen that will tell me what lane the guy is in but it will narrow a target down to cell sector.

If I was looking for a cellular subscriber and had cooperation of the cellular carrier, I could easily get a good idea where I should be searching for my "suspect vehicle". The cellular carriers will not do this just because the police ask - it requires a warrant just like a "wire tap".

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

1771. Want to Buy PRO-51

Newsgroup: rec.radio.scanner
Date: 1994-09-06 21:16:36 UTC
From: jim@ttech.com
Message-ID: <jim-060994131636@jimsmac.ttech.com>
Source record: 269178

I have a friend that is looking to buy a RS PRO-51 Scanner. If you have one for sale, please E-Mail me.

-Jim

jim@ttech.com

1772. Re: Help! scanning CB radio needed soon.

Newsgroup: rec.radio.scanner
Date: 1994-09-06 22:22:04 UTC
From: wwhitby@aol.com
Message-ID: <34iq2c$n8r@search01.news.aol.com>
Source record: 269179

The local 911 Center has a scanning CB that the radio tech sold them. It is labeld <Fujitsu 10 Limited>, with no other information. I asked a question about this rig a while back but I received no response. Maybe someone can help.

P.S. Didn't Cobra market a scanning 40 ch CB Walkie Talkie a while back?

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

1773. Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-06 22:27:35 UTC
From: dfmayes@gdwest.gd.com
Message-ID: <34iqcn$ft2@gdwest.gd.com>
Source record: 269207

I just completed an airline (UAL) trip and was wondering if anyone knows the frequencies for the "Airfone" or "SkyRadio" services. I suppose eavesdropping on "Airfone" is illegal in our wonderful free society :-).

Thanks for your time.

---
dfmayes@gdwest.gd.com
Dave Mayes

1774. Re: NC police acronym 'NCIC'?

Newsgroup: rec.radio.scanner
Date: 1994-09-06 22:54:09 UTC
From: smacken@aol.com
Message-ID: <34iruh$ns4@search01.news.aol.com>
Source record: 269180

In article <34i1q2$a4f@dns1.NMSU.Edu>, tharrell@nmsu.edu (Thomas J. Harrell) writes:

the direct answer to the question is...
National Crime Information Computer

steve

1775. Re: Grove Catalog, Motorola Cellphones

Newsgroup: rec.radio.scanner
Date: 1994-09-06 23:19:31 UTC
From: dskidmo@halcyon.com
Message-ID: <34ite3$ltb@news.halcyon.com>
Source record: 269181

In article <34gop2$87j@nuclear.microserve.net>, Frank@english.microserve.com (Frank English) says:

>
>Also can someone give me groves phone number, I want to get added to
>their mailing list.

Grove's number is 800-438-8155

Don

1776. Re: OptoScan 456

Newsgroup: rec.radio.scanner
Date: 1994-09-07 00:20:22 UTC
From: laborde@kilroy.jpl.nasa.gov
Message-ID: <laborde-060994172627@kd6msm.jpl.nasa.gov>
Source record: 269182

In article <34ft0q$4l@search01.news.aol.com>, bsaladino@aol.com (BSaladino) wrote:

> You'll probably loose your radio's memory during
> the installation though.

I didn't even lose mine.

--
Gregory R. LaBorde Phone: (818) 393-1107
Member Technical Staff - Galileo OET laborde@kilroy.jpl.nasa.gov
Jet Propulsion Laboratory Packet:kd6msm@w6vio.#soca.ca.usa.na

1777. Re: Listing

Newsgroup: rec.radio.scanner
Date: 1994-09-07 00:39:06 UTC
From: lkf104@psu.edu
Message-ID: <lkf104.31.2E6D0BAA@psu.edu>
Source record: 269183

In article <34ikee$5oo@thecourier.cims.nyu.edu> jackson@longlast.cs.nyu.edu (Steven Jackson) writes:
>From: jackson@longlast.cs.nyu.edu (Steven Jackson)
>Subject: Listing
>Date: 6 Sep 1994 20:46:06 GMT

>Hi folks.. a short while ago I suggested putting together
>a list of scanners and indicating for each whether they
>are triple conversion and cell modifyable. Well, I'd
>like to put such a list together.

>So, will everyone "in the know" please email me details
>about as many scanners as you know of. Don't send
>any "I think" messages.

>I need to know the make, model, whether it is double
>or triple conversion, cell modifyable, and any notes
>(less than five words) that absolutely must be included.
>Notes should be something like "not mod-able after s/n
>xxxxxx" (as is for the Pro43) or "ALL units mod-able"
>(as is for the Pro2006).

>Please do NOT send modifications or reviews. Just
>those few details.

>I'll post when it's ready.. keep sending me those snippets.

>Thanks..

well i WOULD like to know what the modification for the pro-46 is...

1778. Re: Cellphone to scanner!

Newsgroup: rec.radio.scanner
Date: 1994-09-07 01:10:22 UTC
From: g9153402@huey.csun.edu
Message-ID: <34j3tu$m68@nic-nac.CSU.net>
Source record: 269184
Cross-posted to: alt.cellular-phone-tech,rec.radio.scanner

Jim.Rees@umich.edu wrote:
> In article <34h6u5$j4k@crl.crl.com>, henniger@crl.com (Mickey R Henniger) writes:

> How about the industry investing in a *very* small amount of foresight?
> The industry had the technology to build a system that was secure and
> instead chose to use a transmission mechanism that anyone could LEGALLY
> listen to.

> It's even worse than that. Not only is the voice sent in the clear, but the
> authentication data is sent in the clear too. So anyone can forge a valid
> ESN using data they snoop off the air. This of course has led to massive
> fraud, which has led to the abominable roaming situation we have in the US
> today. It also, as you note, led to the cellular industry buying the repeal
> of the Communications Act of 1934.

True. I saw on TV recently, that anyone with this device the cellular
carriers make, which is about the size of a large book, can read the ESN
off of a nearby, in use, cellphone. With this ESN, one programs it into
another cellphone. It is just too simple, and the fraud is immense!
The cellular industry has no one to blame, but themselves. They're the
one's who created a system that is easy to de-fraud, and easy to listen
into. They should invest their own money to fix it, not just blame
scanner listeners, and the like, and try to have some unenforceable laws
passed to cover-up their own mistakes!

1779. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-07 01:18:03 UTC
From: g9153402@huey.csun.edu
Message-ID: <34j4cb$m68@nic-nac.CSU.net>
Source record: 269209

David F Mayes (dfmayes@gdwest.gd.com) wrote:
> I just completed an airline (UAL) trip and was wondering if anyone
> knows the frequencies for the "Airfone" or "SkyRadio" services.
> I suppose eavesdropping on "Airfone" is illegal in our wonderful
> free society :-).

> Thanks for your time.

> ---
> dfmayes@gdwest.gd.com
> Dave Mayes

A book I have lists 'aeronautical telephones' at 849-851 mhz, and I'm
not sure if it's in AM or FM. I've have yet to hear anything when
searching such frequencies, which I think may have to do with the
location I'm at, and whether the plane is above me while someone
is actually on the phone. Anyone have some ideas??

1780. Re: Grove No-Tenna comments and experiences?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 02:34:49 UTC
From: Bob Herrin <bobb@delphi.com>
Message-ID: <ZawSW9p.bobb@delphi.com>
Source record: 269188

Gary Palmer <gpalmer@blue.weeg.uiowa.edu> writes:

>Does anyone have any experience or comments regarding the Grove No-Tenna?

I had one for three days before I returned it. It did ok, but the rubber duck on a suction mount did as well. I had/have my scanner hooked into my AM/FM antenna, and that does almost as well as an A/S mag mount, and significantly better than the No-Tenna.

1781. Re: Grove Catalog, Motorola Cellphones

Newsgroup: rec.radio.scanner
Date: 1994-09-07 02:49:16 UTC
From: dfleming@earth.execpc.com
Message-ID: <34j9nc$t6n@homer.alpha.net>
Source record: 269189

Berton Corson (g9153402@huey.csun.edu) wrote:
: Where do I call to get the latest Grove catalog? Does it cost anything?

Just ordered mine today from Grove. You get the free catalog, a free
issue of Monitor Times, and one other free rag. (can't remember the name)

Sounds like a good deal to me.

1782. Re: MIR space station freqs?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 02:52:08 UTC
From: bat@gdstech.grumman.com
Message-ID: <1994Sep7.025208.25736@gdstech.grumman.com>
Source record: 269190

In article <778664682snz@g0gku.demon.co.uk> henry@g0gku.demon.co.uk writes:
> Has anyone got any good frequencies for MIR? I have been trying to scour
>my listings for them, but found nothing conclusive, accept for a
>reference to Russian telemetry at mhz135.625 if memory serves.
>Thanks
>
>--
> Henry Brugsch
> aka hbj elsewher, CIS: 75366.317.com
> hbj@bix.com, Moderator of adaptive.tech conference, bix
> (Join adaptive.tech)
> The freedom of information is a right not a privilege.

MIR runs frequent packet radio stuff in the 2 meter
Ham band, at 145.55 Mhz. But, you can only hear them
when nearly overhead, and you need a TNC to decode
the packets, which are mostly automated anyway. The
cosmonauts rarley appear on 2 meter phone. But, there must
be other downlink freqs for them to speak to their ground
controllers. I'll bet you can't hear those conversations
from this hemisphere.
--
--
* Pat Masterson D12-25 | KE2LJ@KC2FD *
* Grumman Data Systems | 516-346-6316. *
* Bethpage, NY 11746 | bat@gdstech.grumman.com *

1783. Re: 2006 mods (cont'd)

Newsgroup: rec.radio.scanner
Date: 1994-09-07 02:57:36 UTC
From: dfleming@earth.execpc.com
Message-ID: <34ja70$t6n@homer.alpha.net>
Source record: 269191

Shawn4sk1 (shawn4sk1@aol.com) wrote:
: Yes, it's 2006 mods, Part 9642-

: Also, I read in the Grove Ad (heard not to trust Grove very much) that if
: you modify the 2006 to pick up cell freqs, it'll also provide a 30 step
: option. Mine doesn't. Is that because I have the "A" version or did I
: not do the whole mod? And with steps, is there really any hard, fast rule
: as to which freqs are best set to which steps?

: Shawn4SK1@AOL.COM

I think you'll notice that the 30khz step icon only shows up when
scanning(searching) the cell bands. It lights up right above the other
step indicators..

I too, would love to hear about all those extensive mods for the 2006.
Also the best antenna, amp, 2006 combination and how the computer
interfaces work and which one works best... I know this is a lot of info
to ask for but I am very curious and I LOVE MY 2006.

1784. Re: Federal Licensing Problems

Newsgroup: rec.radio.scanner
Date: 1994-09-07 03:24:53 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778890941@f747.n115.z1>
Source record: 269192

-=> Quoting Ken Navarre to All <=-

KN> Has anyone else had problems dealing with the F.C.C. since they had to
KN> scale down their operation?
KN>
KN> For the past 3 months I've been trying to get the forms for the
KN> renewal of our Public Safety Radio Licenses (form 574L). I keep
KN> getting their voice mail loop and never get a response either by phone
KN> or mail...
KN> What gives???

Don't you know? Beevis and Butthead are in charge. Here is my recent
conversation with them.

Beevis...Uh, Hello...CFC
Jerry...Yeah, uh, I'd like to get some 574L license renewal forms.
Beevis...Uh, we're like, uh, closed or something...go away, uh, huh.

Sorry, couldn't resist. :)

Jerry

1785. Re: Help! scanning CB radio needed soon.

Newsgroup: rec.radio.scanner
Date: 1994-09-07 03:32:11 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778890942@f747.n115.z1>
Source record: 269193

-=> Quoting Dean Youngquist to All <=-

DY> 40 channel CB needed soon! It should be able to scan all 40 channels,
DY> stopping on any busy channel for as long as the channel is busy, then
DY> continue scanning. I would like a used one or to buy a new one by
DY> mail order.

Dean...
Don't know any scanners that will pick up the CB band other than top of
the line receivers.

Also consider posting your request in the shortwave echo, if you can.

Jerry

1786. Re: Looking for scanning CB transceiver.

Newsgroup: rec.radio.scanner
Date: 1994-09-07 03:35:41 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <778890943@f747.n115.z1>
Source record: 269194

-=> Quoting Ken Navarre to All <=-

KN> They may have a "private line" type ctcss squelch available but
KN> certainly no _PRIVATE FREQS_. At least not if they are unaltered
KN> consumer products. Keep in mind, Dirk, that CB has to operate on
KN> allocated frequencies and none of those are "PRIVATE"...

The last time I heard a 'private' freq was when someone was asked to
switch to Ch 3A on CB. Wonder how many garage doors open and closed when
the mike was keyed.

Jerry

1787. Re: tracing clell-phone calls

Newsgroup: rec.radio.scanner
Date: 1994-09-07 03:41:10 UTC
From: crisp@netcom.com
Message-ID: <crispCvqq8n.1M0@netcom.com>
Source record: 269195

In article <1994Sep3.091410.12094@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>crisp@netcom.com (Richard Crisp) writes:
>: In article <1994Aug31.062741.6823@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>: >
>: >No way. The cell may be able to determine the sector you are in - if
>: >reflections do not interfere - but there is no way it can tell where
>: >in that sector you may be. All that can be determined is a general
>: >location - depending on how strong your signal appears in different
>: >cells.
>:
>: Actually with satellites and using DTOA (Differential Time of Arrival)
>: techniques a transmitter can be located quite precisely. It is just a matter
>: of spending the bucks to do it. In cases of satellite jamming (a la
>: Captain Midnight/HBO) it is worth the time and energy to do it. If there
>: was some major criminal etc using a cellphone, I suspect the Feds would
>: play that card. I am not sure we will ever know all that was involved in
>: the location and subsequent execution of Pablo Escobar but it was
>: reported at the time he was located by his using a cellphone. Of course
>: just knowing which cell sites were handling his traffic will get you damn
>: close, but they could have used some pretty sophisticated techniques like
>: I mentioned to get even closer.
>
>Certainly, but not with cellular stations. Remember that GPS uses one
>receiver to receive several satellites. Trying to obtain as accurate a
>position by using multiple receivers to receive one broadcast is a
>completely different thing.
>

Well I still maintain that DTOA techniques could be used with a cell
xmitter to accurately pinpoint it. The trouble is having a suitable
group of satellites available with the proper receiving equipment
and directional antennas. With cesium time standards available on-ship
to get "good time" it appears that this is feasible. And of course
you need good directional antennas too. All of this is expensive
to do but for something like the "War on Drugs (tm)", this is
well within budget. (I wonder if the War on Drugs is really the
other name the Vietnam War was known by?)

Why you brought up GPS in the context you did is baffling. What bearing
does it have on this discussion?

>Once you know which sell the person is in - simple direction finding
>gear can pinpoint them fairly rapidly.

>
>Bill

the trouble is that you don;t have much time in many cases. Neat thing
about doing it from a satellite constellation is that you can do it
fast. The big problem is that you have to be looking at the right place
at the right time :-(

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1788. Re: tracing clell-phone calls

Newsgroup: rec.radio.scanner
Date: 1994-09-07 03:50:33 UTC
From: crisp@netcom.com
Message-ID: <crispCvqqoD.2JA@netcom.com>
Source record: 269196

In article <1994Sep6.135725.28024@integrity.uucp> barryc@mpd.tandem.com writes:
>RE:
>
>: Actually with satellites and using DTOA (Differential Time of Arrival)
>: techniques a transmitter can be located quite precisely. It is just a matter
>: of spending the bucks to do it. In cases of satellite jamming (a la
>: Captain Midnight/HBO) it is worth the time and energy to do it.
>
>Captain Midnight was caught because he bragged about his exploits. The FEDs
>would like to have you think it was a high tech investigation that exposed him
>but in reality it was his big mouth (low tech). Another urban legend (one
>that the FEDs like to repeat).
>

Of course I never said that CM was caught that way. However the fact
that he got on so easily has been the cause for many a discussion
at the FED level. The result, according to a well connected communications
consultant that I know that does work for the FEDS is a deployment
of a DTOA system as described above. The source further claimed that
within 5minutes of a future CM coming up that they would have his coordinates
nailed. If true that has to be some sort of a record for any law enforcement
agency to respond to anything other than an invitation to a Dunkin Donuts.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1789. listen in on space shuttle in Michigan?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 04:02:33 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.778910553@vela.acs.oakland.edu>
Source record: 269197
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space

I have a very long list of freqs.Iwant to know if I can listen in while the shuttle is up next week?I have a pro 43.

Thanks in advance,NCS

1790. Re: 2006 mods (cont'd)

Newsgroup: rec.radio.scanner
Date: 1994-09-07 04:12:03 UTC
From: shawn4sk1@aol.com
Message-ID: <34jeij$hk@search01.news.aol.com>
Source record: 269198

Thanks guys, I received a few messages about how to activate 30 step in the cellular bands- in cased folks missed it, you activate it by pressing the reset button while scanning the cellular freqs- if you go to another step setting while in scan mode, you have to press the reset again while scanning the cellular freqs to go back to 30 step- the mod does not add the 30 step option to the step list and it will not come up by hitting the step button. In fact, it doesn't even appear where the normal step setting is seen, it's higher up on the screen, same side.

As for 2006 mods, I keep seeing people mention some guy's book- I forget his name but would like to know the author, the title of the book, it's estimated price and a good place to get it... :-)

Thanks!

Shawn4SK1.AOL.COM

1791. Re: Controlling 2006 w/computer Information Wanted

Newsgroup: rec.radio.scanner
Date: 1994-09-07 04:13:08 UTC
From: shawn4sk1@aol.com
Message-ID: <34jekk$ie@search01.news.aol.com>
Source record: 269199

How much was it? Is it Windows software? Heard of it but don't know many details...

1792. Re: DES ON 154.190

Newsgroup: rec.radio.scanner
Date: 1994-09-07 04:17:05 UTC
From: myers@Cypress.West.Sun.Com
Message-ID: <34jes1$3sb@abyss.West.Sun.COM>
Source record: 269200

In article 2038@slc.davenport.ia.us, mike.scheel@slc.davenport.ia.us (Mike Scheel) writes:
>
> In the last few days I have been hearing DES transmissions on 154.190
>in northwest Illinois/eastern Iowa. The signal is about S3/5. Any ideas
>who?

Ummm.... how do you know this is DES encrypted?

Might it be DVP, or maybe DVP-XL??

;-)

---
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Sir, over there.... is that a man?" *

1793. 460 Mhz to 88-108 FM

Newsgroup: rec.radio.scanner
Date: 1994-09-07 04:21:55 UTC
From: vector@inferno.com
Message-ID: <12755DYDTDWKIQVRAVL@inferno.com>
Source record: 269201

IS>Does a device exist that converts the 460 Mhz to the frequency used by FM
IS>stations?

IS>Any help appreciated.

IS>Jeffrey
IS>{New York}
IS>--
IS>Jeffrey
nope.

vector@inferno.com
IS>{New York}

1794. Re: Cellphone to scanner!

Newsgroup: rec.radio.scanner
Date: 1994-09-07 04:27:01 UTC
From: mjr@babs.syl.dl.nec.com
Message-ID: <MJR.94Sep6232702@babs.syl.dl.nec.com>
Source record: 269212
Cross-posted to: alt.cellular-phone-tech,rec.radio.scanner

In article <34h6u5$j4k@crl.crl.com> henniger@crl.com (Mickey R Henniger) writes:

[...]
I have an idea Scott -

How about the industry investing in a *very* small amount of foresight?
The industry had the technology to build a system that was secure and
instead chose to use a transmission mechanism that anyone could LEGALLY
listen to. (all these laws were not in effect in 1979 when they started
building the infrastructure.)
[...]
The result is that freedoms are compromised.

Huh? As if my freedom as a cellular phone user isn't compromised by
people like you. Yes, the industry should have had some foresight,
but they didn't. What choice do we as users in this country have?
It's not like there's another cellular system that we can use.

[...]

If the phone company decided that they would design a system
today which transmitted private information by posting the information on
billboards, this rationale suggests that the correct solution would be to
pass a law regulating those who look at billboards.

No it's not. Billboards are intended as a one-to-many medium, and
every "user" of a billboard (the people who read them) use them this
way. Some radio transmissions, such as cellular, are one-to-one
transmissions, that happen to be recievable by others.
--
Matt Ranney - mjr@syl.dl.nec.com
"You know, I don't think theres a man, woman, or child alive today
who doesn't enjoy a lovely beverage." -DL

1795. Re: Controlling 2006 w/computer Information Wanted

Newsgroup: rec.radio.scanner
Date: 1994-09-07 04:49:52 UTC
From: Robert Kreuz <kreuzr@delphi.com>
Message-ID: <hiwQOzo.kreuzr@delphi.com>
Source record: 269202

e
AGGRAVATION of installing it....Opto say's that it
only takes a few minutes to install, well that is alot of .... But when I was
able to search any range of frequencies that the pro-2006 could normally search
and make as many search\scan files as iI needed....it also decodes dtmf,ctcss
dpl tones t!!!

1796. Re: NC police acronym 'NCIC'?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 05:03:00 UTC
From: tharrell@nmsu.edu
Message-ID: <34jhi4$ecv@dns1.NMSU.Edu>
Source record: 269203

```
SMacken (smacken@aol.com) wrote:
: In article <34i1q2$a4f@dns1.NMSU.Edu>, tharrell@nmsu.edu (Thomas J.
: Harrell) writes:

: the direct answer to the question is...
: National Crime Information Computer

What? I didn't write this. Ahhh...an AOL address... :)
--
/-------------------------------------------------------------\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\-------------------------------------------------------------/
```

1797. Seattle/Boeing freq's?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 05:08:09 UTC
From: pilotnick@aol.com
Message-ID: <34jhrp$1in@search01.news.aol.com>
Source record: 269205

I'm going to be on vacation in the greater Seattle area for about a week, and am (of course!) taking my trusty Pro-43 with.

Since Washington is in the same volume of Police Call as is California, that gives me some start. But do any locals know any good freq's to try? I'd be particularly interested in anything that relates to Boeing or other aviation goodies.

Thanks in advance!

--Nick

PilotNick@aol.com
pilot@leland.stanford.edu

"Toothpicks? We're on a spaceship, this place is crawling with toothpicks!"

1798. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-07 05:09:38 UTC
From: tharrell@nmsu.edu
Message-ID: <34jhui$ehv@dns1.NMSU.Edu>
Source record: 269214

David F Mayes (dfmayes@gdwest.gd.com) wrote:
> I just completed an airline (UAL) trip and was wondering if anyone
> knows the frequencies for the "Airfone" or "SkyRadio" services.
> I suppose eavesdropping on "Airfone" is illegal in our wonderful
> free society :-).

Try 894-896 MHz, AM mode, 6kHz spacing. The first call I heard was,
"This is so cool...I'm calling from the plane!!!"
--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\--/

1799. Re: Cellphone to scanner!

Newsgroup: rec.radio.scanner
Date: 1994-09-07 06:51:47 UTC
From: henniger@crl.com
Message-ID: <34jnu3$spj@crl6.crl.com>
Source record: 269224
Cross-posted to: alt.cellular-phone-tech,rec.radio.scanner

mjr@babs.syl.dl.nec.com (Matt Ranney) writes:

>In article <34h6u5$j4k@crl.crl.com> henniger@crl.com (Mickey R Henniger) writes:

>[...]
> I have an idea Scott -

> How about the industry investing in a *very* small amount of foresight?
> The industry had the technology to build a system that was secure and
> instead chose to use a transmission mechanism that anyone could LEGALLY
> listen to. (all these laws were not in effect in 1979 when they started
> building the infrastructure.)
>[...]
> The result is that freedoms are compromised.

>Huh? As if my freedom as a cellular phone user isn't compromised by
>people like you. Yes, the industry should have had some foresight,
^^^^^^^^^^^^^^^^

Sorry buddy. I dont listen to cellular communications.
I also do not appreciate a private enterprise doing a poor design job and
as a result spending alot of money to make laws which set an immoral
precedent.

>but they didn't. What choice do we as users in this country have?
>It's not like there's another cellular system that we can use.

How about not using the system because it is inferior?
How about not using the system as a private system since it is not?
How about using TDMA in cells that support it?
How about complaining to the private enterprises who created this mess?

Or would you rather just pretend that an unenforceable law will protect
your privacy?

>[...]

> If the phone company decided that they would design a system
> today which transmitted private information by posting the information on
> billboards, this rationale suggests that the correct solution would be to
> pass a law regulating those who look at billboards.

>No it's not. Billboards are intended as a one-to-many medium, and
>every "user" of a billboard (the people who read them) use them this
>way. Some radio transmissions, such as cellular, are one-to-one
^^
>transmissions, that happen to be recievable by others.

>--
>Matt Ranney - mjr@syl.dl.nec.com
> "You know, I don't think theres a man, woman, or child alive today
> who doesn't enjoy a lovely beverage." -DL

Sorry Matt. Radio is inherently one-to-many. To argue otherwise is
arguing against the laws of physics.

1800. Re: Cellphone to scanner!

Newsgroup: rec.radio.scanner
Date: 1994-09-07 07:26:03 UTC
From: henniger@crl.com
Message-ID: <34jpub$t51@crl6.crl.com>
Source record: 269127
Cross-posted to: alt.cellular-phone-tech,rec.radio.scanner

Scott_Goldman@overnet.com (Scott Goldman) writes:

>The radio listening hobby predates even the notion of cellular
>communications. <<

>The fact that the cellular industry *chose* not to employ encryption or other
>techniques does not, IMHO, give listeners the license (no pun intended) to
>eavesdrop on private calls.

The issue is not whether people who can should eavesdrop.

The issue is whether we should support an industry whose poor judgement
resulted in an infringment of liberties to all.

The precedent means that the government can outlaw citizens listening to
France or England on their shortwave radio.

It means that weather fax information could be made illegal to receive
from foreign countries if enough lobbying money was spent.

You make the example of people eavesdropping by looking through a light
at envelopes of mail.

I think a more appropriate example is an envelope manufacturer which makes
transparent envelopes. Why encourage enterprises which compromise the
integrity of the conversations they have been given the responsibility to
handle?

As telephone service providers they have the obligation to protect the
integrity of their customers.

They chose not to.

I think they should have. Because they did not assume the responsibility
which is theirs, they had to compromise our laws and set a dangerous precedent
that the government can say what is legal to *listen* to.

Excuse me? What kind of Draconian thinking is this?

[...]

>>>Other countries are doing it right. (e.g. gsm, jdc, ...)<<

>Sorry, but the motivation for these systems has a long list before privacy.
^^

Far be it from me to argue with the chief spokesman for the renown
"All Cellular Providers Everywhere Inc," but I believe there are privacy

advocates other than myself. I strongly believe in privacy and perhaps that
is where you and I differ. I'll let others speak for themselves.

>Quality of transmission, worldwide standards, capacity issues, etc., have long
>taken precedence over the natural encryption of digital signals because, in
>other countries it seems, there is more respect for the individual's right to
>privacy than for the individual's right to intrude.

>Again, I suggest that you reconsider in light of the fact that if your casual
>listeners had respect for the privacy of their fellow users of the spectrum,
>this wouldn't be an issue.

>By your logic, just because you can pick up a signal from a cable TV company by
>tapping into their lines makes it okay to do so. After all, the streets are
>public, aren't they? So wouldn't that give you the same right as the public
>airwaves?

>I'm sorry, but your argument doesn't hold water with me. Just because you *can*
>do something doesn't make it the right thing to do. If you can read someone
>else's mail by holding it up to a light, does that make it okay?

>It's truly a shame that the regulators had to get involved in this, but if the
>"listeners" had given the privacy and courtesy to others that they probably
>expect in their own homes, this would never have been an issue.

You bet. Its the listener's fault that liberties were infringed...*NOT!*
The cellular providers built a faulty system. period.

>And as a point of information, the only infrastructures that were being built in
>1979 were experimental. Cellular licensing began in 1982 and the first
>commercial system was launched in October, 1983 (Ameritech in Chicago).

You are correct. You confirm my point that cellular towers started going
up in Chicago in 1979, and continue to expand to present day.

Mick
(wb5von)

>| scott_goldman@overnet.com (Internet)
>| 818-880-5400 (Phone)
>| 818-880-0737 (Fax)
>=-=

1801. SELCAL HF Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-07 10:29:40 UTC
From: danois@montrouge.sinet.slb.com
Message-ID: <danois-070994061924@134.32.61.39>
Source record: 269210

Would anyone post HF Selcal frequencies for the Atlantic (Northern Hemisphere).
Thanks.

1802. OS/2 based software for 456

Newsgroup: rec.radio.scanner
Date: 1994-09-07 10:57:59 UTC
From: tonyrush@bga.com
Message-ID: <34k6bn$ijj@giga.bga.com>
Source record: 269211

Has anyone written an OS/2 application for interfacing
the Optoscan 456? DOS and Windows based software
tend to hog my CPU. If not, do the full protocols come
with the unit, as I will want to write my own?

Tony

1803. Yupiteru MVT-5000 manual needed

Newsgroup: rec.radio.scanner
Date: 1994-09-07 12:29:33 UTC
From: burrus@cmu.unige.ch
Message-ID: <1994Sep7.142933.1@ugcmu>
Source record: 269213

I have a YUPITERU MVT - 5000 multi band receiver but no manual.

I would be very happy if someone can make a copy of his manual and
send me by paper-mail, fax or e-mail.
Please contact me before by e-mail.
Manual language must be english or german or french or italian BUT
not in Japanese.

Mods possibilities are also welcome !

Thank's in advance,
Christophe

1804. Re: MIR space station freqs?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 13:10:47 UTC
From: maenpaj@rtsg.mot.com
Message-ID: <34ke4n$if9@delphinium.cig.mot.com>
Source record: 269215

In article <1994Sep7.025208.25736@gdstech.grumman.com>, bat@gdstech.grumman.com (Pat Masterson) writes:
|> In article <778664682snz@g0gku.demon.co.uk> henry@g0gku.demon.co.uk writes:
|> >Has anyone got any good frequencies for MIR? I have been trying to scour
|> >my listings for them, but found nothing conclusive, accept for a
|> >reference to Russian telemetry at mhz135.625 if memory serves.
|
....and in another follow-up......

|> ...there must
|> be other downlink freqs for them to speak to their ground
|> controllers. I'll bet you can't hear those conversations
|> from this hemisphere.

The MIR space station uses the frequencies below, in addition to the amateur radio activity on 145.550 MHz.

143.625 143.420 142.420 MIR voice/data communications

121.750 MIR beacon, Soyuz TM-3 and TM-4

166.130 165.875 MIR data communications

142.423 Soyuz T-11 voice communciations

166.000 Progress 7 supply ship

Downlink signals on 145.550 are fairly strong with an outdoor antenna. Can't vouch for all of the frequencies, they're just the one's that have been published in previous postings. The signal from MIR will appear suddenly and drop out suddenly. If they're running AX.25 packet you'll hear brief bursts of data that sound like a 1200 baud modem on the phone. You need the TNC box to decode them since the uplink and downlink frequency of 145.550 means that some of the packet buzz may be terrestrial signals uplinked to MIR rather than you hearing the downlink from the spacecraft. If the cosmonauts are on VHF phone they generally speak good English with a distinctive accent.

73 de John WB9JEJ

1805. Re: DTMF decoder for pc

Newsgroup: rec.radio.scanner
Date: 1994-09-07 13:15:26 UTC
From: val@kuentos.guam.net
Message-ID: <1994Sep07.131526.5321@kuentos.guam.net>
Source record: 269216

I also have this decoder have not used it yet due to the fact that i do not have a sound blaster card yet. Would like some input on it also, how it works and is any good.
Val

1806. CB SCANNER RADIO

Newsgroup: rec.radio.scanner
Date: 1994-09-07 13:29:27 UTC
From: M09@tes.edu
Message-ID: <M09.14.000D7E14@tes.edu>
Source record: 269139

On the FTP site of oak.oakland.edu, you can find all of the CB radio frequencies posted. Get a scanner capable of scanning at least 40 channels, plug in the CB frequencies and you are set.

1807. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-07 13:41:18 UTC
From: dcomer@dmcmicro.win.net
Message-ID: <24@dmcmicro.win.net>
Source record: 269217

In article <34iqcn$ft2@gdwest.gd.com>, David F Mayes (dfmayes@gdwest.gd.com) writes:
>I just completed an airline (UAL) trip and was wondering if anyone
>knows the frequencies for the "Airfone" or "SkyRadio" services.
>I suppose eavesdropping on "Airfone" is illegal in our wonderful
>free society :-).
>
>Thanks for your time.
>
>---
>dfmayes@gdwest.gd.com
>Dave Mayes
>
>
The 400MHz channels are the "older" freq's. The 800 MHz is the most
active. The 800MHz list is quite extensive. I will attempt to scan
in a list (provided the OCR doesn't butcher the list) and will
E-MAIL the list to you.

Channel Ground Plane

1 454.9500 459.9500
2 454.9000 459.9000
3 454.8500 459.8500
4 454.8000 459.8000
5 454.7500 459.7500
6 454.7000 459.7000
7 454.7250 459.7250
8 454.7750 459.7750
9 454.8250 459.8250
10 454.9750 459.8750
11 454.9250 459.9250
12 454.9750 459.9750
Calling 454.6750 454.6750

Regards,

David M. Comer

1808. Re: listen in on space shuttle in Michigan?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 13:54:02 UTC
From: hatesnakes@aol.com
Message-ID: <34kglq$7cq@search01.news.aol.com>
Source record: 269218

In article <ncschult.778910553@vela.acs.oakland.edu>,
ncschult@vela.acs.oakland.edu (N C Schultheiss) writes:

>I have a very long list of freqs.Iwant to know if I can listen in while
>the shuttle is up next week?I have a pro 43.

>Thanks in advance,NCS
I my area(San Fran Bay area) a local ham repeater rebroadcasts the
shuttle. You may want to check with a local ham operator or dealer, they
may have some info in your area.

Dean Olszewski
hatesnakes@aol.com

1809. Re: Illegal to monitor cordless?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 14:09:23 UTC
From: smasters@bzy.gmu.edu
Message-ID: <34khij$pps@portal.gmu.edu>
Source record: 269219

Grady Ward (grady@netcom.com) wrote:
: In the documentary books "Spycatchers" (still banned in the UK,
: I believe), you can send a truck around and catch receivers
: tuned *to a particular frequency* by listening for particular
: IF products.

That's assuming that they know the IF of my product, and have sensitive enough equipment to pick it up. In most cases it would seem easier to just buy a pair of binoculars and watch my scanner display.

73,
Shawn KE4GHS

1810. Re: OS/2 based software for 456

Newsgroup: rec.radio.scanner
Date: 1994-09-07 14:10:31 UTC
From: schuh@phys.unca.edu
Message-ID: <34khkn$prt@balsam.unca.edu>
Source record: 269220

Tony Rusho (tonyrush@bga.com) once wrote:
: Has anyone written an OS/2 application for interfacing
: the Optoscan 456? DOS and Windows based software
: tend to hog my CPU. If not, do the full protocols come
: with the unit, as I will want to write my own?

I run the Dos Software thatcame with the Optoscan 456 in a minimized window. I don't notice any difference in speed when it's running and when it's not. (486-DX33, 20Meg ram, OS/2 2.1) The ram may be a big part of the performance.

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

1811. Sprint Car Auto Racing Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 14:35:38 UTC
From: jeff_cooper@smpt.esl.com
Message-ID: <jeff_cooper-0709940736320001@macb205.esl.com>
Source record: 269222

Anyone know the frequncy used by the World of Outlaws sprint car racing series? When they come to San Jose Speedway in Calif. this weekend (9/10-11), will they use the San Jose frequency? If so, anyone know what it is?

1812. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-09-07 14:36:00 UTC
From: mikebo@MCS.COM
Message-ID: <34kj4g$lbv@Mercury.mcs.com>
Source record: 269223

In article <778789092@f747.n115.z1>,
Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> wrote:
> -=> Quoting Jamie Hanrahan, Kernel Mode Systems to All <=-
>
> JHKM> However the serial number has an "A" prefix. I haven't tried the mod
> JHKM> yet.
>
> No kidding...you are the first one that I have heard where there is a
>possibility that a 3A4 unit may not be modifiable. If you decide to try
>the mod, let me know what you find out. That way, we can all correct our
>information. In several scanner echos I visit, 3A4 and lower seems to be
>the recommendation. If this is no longer the case, we would all like to
>know.
>
Dollars to donuts it will NOT work...

> JHKM> by the way, that "Monitoring Times" article you quoted missed the
> JHKM> 54-88 restore mod.
>
> I initially left it out because there are TV signals and pager signals in
>this area for the most part. TV signals sound terrible with the NFM mode.
>Also, there was a possibility that the unit needed to be re-aligned to
>get better performance in this band. I went ahead and added this mod back
>into the mod file.
>
There is little of interest in this range but surveillance bugs... why
anyone would find this interesting is beyond me. Jerry is correct in
that the Int'l versions of the 43 have different coils, etc. specifically
for listening to 54-88. Bob Parnass has said simply restoring 54-88 Mhz
by putzing with diodes yields horrible receiver performance in this band.
Personally, I wouldn't bother...
- Mike
--

Michael Borowiec All tied to their things,
mikebo@MCS.COM they are netted by the strings...
Free to flutter, in memory of
their wasted wings... P.Gabriel

1813. Steps

Newsgroup: rec.radio.scanner
Date: 1994-09-07 15:10:04 UTC
From: shawn4sk1@aol.com
Message-ID: <34kl4c$8g1@search01.news.aol.com>
Source record: 269125

I wrote awhile back asking if there was a hard, fast rule to step settings when scanning particular band ranges- didn't get any responses yet... Any takers?

Shawn4SK1.AOL.COM

1814. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-07 15:10:51 UTC
From: horak@convex.com
Message-ID: <34kl5r$me8@eugene.convex.com>
Source record: 269126

In <24@dmcmicro.win.net> dcomer@dmcmicro.win.net (David M. Comer) writes:

>The 400MHz channels are the "older" freq's. The 800 MHz is the most
>active. The 800MHz list is quite extensive. I will attempt to scan
>in a list (provided the OCR doesn't butcher the list) and will
>E-MAIL the list to you.

I was on an American Airlines flight from Albuquerque to Dallas this past weekend and since I've heard those calls on my scanner between 894-896 (AM), I had to try the Airphone (tm) myself. I called my dad (since it was his 75th birthday) and wished him a "happy birthday from 30,000 feet!" The call was scratchy aand didn't sound any better than it usually does on my scanner. By the way, I did have my scanner and I was able to hear some ground calls (base side) between 849 and 851 while we were at cruising altitude. Of course, I put my scanner away prior to landing. The AA magazine has a section in it about what electronic equipment can/cannot be used during specific parts of the flight. Scanners can *never* be used, according to the magazine (the stewardess asked us to read this for more information about legal electronic devices) but they said nothing to me while I was listening to my MYT-7100! Too busy passing out food and drinks, I guess ;-)

David

1815. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-07 15:14:59 UTC
From: mulligan@ACM.ORG
Message-ID: <34kldk$hlq@hopper.acm.org>
Source record: 269129

dfmayes@gdwest.gd.com (David F Mayes) wrote:

> ... the frequencies for the "Airfone" or "SkyRadio" services.

From the FAF - Frequently Asked Frequencies file on oak.oakland.edu -

---

Air to Ground Telephone

Ch Ground Airborne

1 454.950 459.950
2 454.900 459.900
3 454.850 459.850
4 454.800 459.800
5 454.750 459.750
6 454.700 459.700
7 454.725 459.725
8 454.775 459.775
9 454.825 459.825
10 454.875 459.875
11 454.925 459.925
12 454.975 459.975
Signaling 454.675 (459.675)

Transmissions are FM. Ground stations repeat the airborne half
of the converstion, and transmit a continuous tone when idle. From
one to three channels are assigned in a particular area.
Service is used on private aircraft.

---

800 MHz Air to Ground Telephone

- - Airborne - -
Blk Ch 1 - Ch 29

10 894.0055 - 894.1735
9 894.2055 - 894.3735
8 894.4055 - 894.5735 Guard Band -
7 894.6055 - 894.7735 .x765-.x797
6 894.8055 - 894.9735
5 895.0055 - 895.1735 Control Channels -
4 895.2055 - 895.3735 .x813-.x973
3 895.4055 - 895.5735
2 895.6055 - 895.7735
1 895.8055 - 895.9735

Transmissions are AM. Channels are spaced 6 kHz apart. A
specific block of 29 channels is assigned to each geographical
area. Ground frequencies are 45 MHz lower and do not echo the
airborne half of the conversation.
Service is used on passenger airlines.

1816. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-07 15:35:15 UTC
From: scan911@aol.com
Message-ID: <34kmjj$8ur@search01.news.aol.com>
Source record: 269130

In article <34hs6c$t0f@thecourier.cims.nyu.edu>,
jackson@longlast.cs.nyu.edu (Steven Jackson) writes:

>M: Terrific. Do you take personal checks?
>H: With a driver's license and a major credit card.
>M: You do realize that's it's illegal to request a credit
card as backup to a personal check, don't you?

I recently shopped in Flemington, N.J., and there was a news clipping from the Star Ledger posted on an outlet's cash register with details of this law. Apparently, it is legal to request to see the credit card as a form of ID, but it is illegal to write the account number anywhere on the check. I think the droid was correct in requesting to see the credit card, however, he was not allowed to write the account number. He can look at it and say, OK, I believe you are who you say you are because you have a credit card with that person's name on it. Kinda stupid, but that's the way it works.

Chuck Gysi, N2DUP
scan911@aol.com
Burlington, Iowa
formerly of Hunterdon County, NJ

1817. Scanning Internet Sites

Newsgroup: rec.radio.scanner
Date: 1994-09-07 15:40:03 UTC
From: tbm@satelnet.org
Message-ID: <34kmsj$27u@sefl.satelnet.org>
Source record: 269131

I was wondering if their weren any FTP, WWW, gopher,etc... sites on all
of scanning, like mods, freq's, etc...?

Thanks for the info.
Tbm@sefl.satelnet.org

1818. Re: aor ar-8000

Newsgroup: rec.radio.scanner
Date: 1994-09-07 16:14:32 UTC
From: umeca86@Imperial.ac.uk
Message-ID: <1994Sep7.161432.20765@cc.ic.ac.uk>
Source record: 269128

In article <090294223911Rnf0.78@prins.xs4all.nl>, ronald@prins.xs4all.nl (Ronald Prins) writes:
|> I'm interested in the new aor receiver ar-8000. Can someone compare
|> this scanner with a yupiteru 7100 or aor 3000a. I'm not interested in
|> SSB, and < 30 MHz stuff. I already know all the great things it can
|> do, just want to know if there are intermod/overload problems..external antenna
|> etc.
|
From my own experience I can say that intermod/overload can't be
too bad with the AOR 8000, since I use mine connected to a Scanmaster
discone in my loft, my house is less than a mile from a band II (VHF)
transmitter which serves all of London, along with a 1MW erp TV transmitter.
On the civilian air band images of one particular FM station can be found,
but these go away with the attenuator switched in.
Not having owned any other receivers, I can't comment on how well it
performs compared to the YUPI,
but it got a positve review in Short Wave Listener Magazine.

Regards,
Graham

--
G.M. Stuart Software Mechanic
Centre for Process Systems Engineering Imperial College London
internet:g.stuart@ic.ac.uk
tel:+44 171 594 6625 (office) / +44 956 256066 (mobile)

1819. Re: Help! scanning CB radio needed soon.

Newsgroup: rec.radio.scanner
Date: 1994-09-07 16:35:39 UTC
From: dtmi@ccnet.com
Message-ID: <34kq4r$l0q@ccnet.ccnet.com>
Source record: 269156
Cross-posted to: alt.radio.scanner,rec.radio.swap,rec.radio.scanner,rec.radio.cb,misc.wanted,misc.forsale

Get a modified Uniden HR-2510.. It will do what you want..

```
---------------------------- ----------------------------------
|Shon Sterling (dtmi@ccnet.com) \ / "Linking the worlds of computers |
|Display Tech Multimedia, Inc. | & video together" |
|P.O. Box 6722 | Made-In-America Scan Converters & |
|Concord, CA 94524 | Video Encoders. Mac or PC |
|Voice (510) 676-9362 / \ Fax (510) 676-9335 |
---------------------------- ----------------------------------
```

Dean Youngquist (ab@odo.CSOS.ORST.EDU) wrote:
: 40 channel CB needed soon! It should be able to scan all 40 channels,
: stopping on any busy channel for as long as the channel is busy, then
: continue scanning. I would like a used one or to buy a new one by mail
: order.

: It's for my house-mate, Lee. He needs it for his work. He is a fork-lift
: driver and he recently got a job where some of the other workers are
: jealous of his good job. They are sabatoging some things around the saw
: mill when nobody is looking. They do this to make him look bad and it's
: coordinated on the CB channels. So we want to hook up a scanning CB to a
: VOX tape recorder and we will also set up a hidden camera if we can. We
: only need the regular 40 channels, it needs to scan all 40 channels and
: stop when it hears a signal.

: It's important that we get this thing soon as Lee's job is in jeapardy.
: If you have a CB for sale or can recomend a mail order source please
: contact me ASAP!

: Thanks.

: Dean Youngquist | youngqud@teleport.com | Contact me if you |
: 428 N.W. 9th Street | Phone: (503) 758-6230 | need SIMM boards |
: Corvallis, Oregon 97330 | Fax: (503) 758-5331 | for your RAM chips |

1820. Andy, Barney and Goober...

Newsgroup: rec.radio.scanner
Date: 1994-09-07 16:36:17 UTC
From: ccartee@regal.cisco.com
Message-ID: <CCARTEE.94Sep7093617@regal.cisco.com>
Source record: 269132

I am travelling to the Raleigh RTP area for a business (read boring)
business trip in the next couple of weeks. I want to bring a scanner
to help pass the time if my hotel doesn't get the Hee-Haw channel (all
Hee-Haw, all the time ;).

Anyway, all I have is a CA Police Call. Could someone please post
police, fire and any other 'interesting' frequencies for the RTP area?

--

Claude Alan Cartee "I have neither the time nor the inclination to explain
1525 O'Brien Drive myself to a man who rises and sleeps under the blanket
Menlo Park, CA 94025 of the very freedom I provide...
ccartee@cisco.com ... and then questions the manner in which I provide it"
415 688-7801 -Col Nathan R. Jessep

1821. Re: Andy, Barney and Goober...

Newsgroup: rec.radio.scanner
Date: 1994-09-07 17:06:34 UTC
From: fowler@esmlsun.gatech.edu
Message-ID: <fowler.166.778957594@esmlsun.gatech.edu>
Source record: 269133

In article <CCARTEE.94Sep7093617@regal.cisco.com>
ccartee@regal.cisco.com (Claude Alan Cartee) writes:
>I am travelling to the Raleigh RTP area for a business (read boring)
>business trip in the next couple of weeks. I want to bring a scanner
>to help pass the time if my hotel doesn't get the Hee-Haw channel (all
>Hee-Haw, all the time ;).

>Anyway, all I have is a CA Police Call. Could someone please post
>police, fire and any other 'interesting' frequencies for the RTP area?

You ax'ed for it city boy...

We had a feller down here one time, had some kinda radio thang with him.
But we just ain't quite into frequencies and all yet. Heck, if you need
to know what's goin' on 'round here, pick up the phone, crank that handle on
the side, an' ax for Sarah :)

c. b. fowler gtri/elsys/esmd
chris.fowler@gtri.gatech.edu

1822. Re: What is a Yupiteru 7100

Newsgroup: rec.radio.scanner
Date: 1994-09-07 17:19:48 UTC
From: biddle_s@kosmos.wcc.govt.nz
Message-ID: <1994Sep7.171948.1@kosmos.wcc.govt.nz>
Source record: 269206

In article <34fjmv$q6n@search01.news.aol.com>, wbreathe@aol.com (WBREATHE) writes:
>
> What is a Yupieru 7100?

A rather awesome handheld scanner. Covers 530-1600mhz continuous, and
has FM,WFM,AM,USB and LSB modes, meaning you can pretty much pick up anything
with it. SW reception is very usable, I regularly listen to the Pacific
Aviation bands, and can pick up stuff very clearly. It's basically got
everything you could possibly want in a mobile scanner. I think with the
new laws they would be illegal to import into the US, but I don't have any
problems here in New Zealand, and mine cost me NZ$1000, which is around
US$600.

> Are they legal in the U.S.?
>
> Thanks ,
> WILL BREATHE
--

| Steven Biddle - Wellington, New Zealand |
| Mail: biddle_s@kosmos.wcc.govt.nz |
| OR: sbiddle@aviate.welly.gen.nz |

1823. Help! Will this idea work? (telemetry question)?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 17:20:52 UTC
From: LOUXWE96%CS25@cadetmail.usafa.af.mil
Message-ID: <LOUXWE96%CS25.172@cadetmail.usafa.af.mil>
Source record: 269166
Cross-posted to: alt.radio.digital,alt.radio.scanner,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.scanner,rec.radio.shortwave,usafa.cadet.clubs.ham-radio

Hello, I am doing a telemetry project and I am curious if this will work.

We want to transmit a audio fsk digital signal to the ground. Now, on the ground can we just buy a regular 70 cm band receiver and will it spit the same digital audio tone out of the back, and then from there is it possible to use some sort of tone decoder or modem/tnc to then change the tones into a digital output which can then be feed into a computer I/O device.

I am looking for some information about if this design will work, and if so what are some specific products that we can buy and where can I get them.

Any Help Please.
Thanks, Bill

---
* Cadet William E. Loux | "I have never let my *
* P.O. Box 2835 | schooling interfere *
* United States Air Force Academy | with my education." *
* Email=> louxwe96%cs25@cadetmail.usafa.af.mil | -Mark Twain *
--------"All know the way; Few actually walk it." -Bohhidharma----------

1824. Cellular freqs?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 17:49:34 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.778960174@vela.acs.oakland.edu>
Source record: 269169
Cross-posted to: rec.radio.scanner,alt.cellular-phone-tech

Can anyone post,e-mail or direct me to a sight where I can get the cell.phone freqs?I'm shure they have been posted time and time again,so sorry if this is a repeat.

Thanks in advance,NCS

1825. Atlanta Freqs Wanted

Newsgroup: rec.radio.scanner
Date: 1994-09-07 18:42:30 UTC
From: andym@hq.af.mil
Message-ID: <34l1im$lu@hq.hq.af.mil>
Source record: 269134

I will be in ATL in the next few weeks and I'm looking for some freqs to listen on. I would most like to have freqs for ATL Hartsfield.

Any help would be greatly appreciated.

--
Lt Andy McConnell Communications Engineer
andym@hq.af.mil Air Force Pentagon Communications Agency

---NeXTMail accepted and encouraged---
(Opinions expressed are solely those of the author and not the USAF)

1826. MPRC Yakima Freq.

Newsgroup: rec.radio.scanner
Date: 1994-09-07 19:22:07 UTC
From: tampico@teleport.com
Message-ID: <34l3sv$f8r@linda.teleport.com>
Source record: 269135

For those in the Central Washington Area I found the freq for the MPRC center at the Yakima Firing Center.

171.075

The worlds largest live fire automated range. Runs a 386 for the whole thing!

-Joe
--
--
Joe Hamelin KB7WAI | tampico@teleport.com | Ain't no time to hate..
Tampico Washington USA | joeh@connected.com |
--

1827. Re: Illegal to monitor cordless?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 19:50:28 UTC
From: spiel@unix.cc.emory.edu
Message-ID: <34l5i4$7op@emoryu1.cc.emory.edu>
Source record: 269136

Berton Corson (g9153402@huey.csun.edu) wrote:
: How in the heck is such a law enforced? It has been well discussed in this
: newsgroup about cellular listening, but even the cheapest of scanners
: do 46 - 50 Mhz! Are the scanner police going to send everyone to scanner
: prison who search through 46 mhz when their search stops on a cordless
: telephone call? ...Totally unenforceable...

How do you enforce laws against suicide or sodomy? They can still pass
stupid laws even if they can't enforce them.

-Stephan Piel

1828. Re: listen in on space shuttle in Michigan?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 20:07:23 UTC
From: weinkar@aa.wl.com
Message-ID: <1994Sep7.150723.1@aa.wl.com>
Source record: 269137
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space

In article <ncschult.778910553@vela.acs.oakland.edu>, ncschult@vela.acs.oakland.edu (N C Schultheiss) writes:
> I have a very long list of freqs.Iwant to know if I can listen in while
> the shuttle is up next week?I have a pro 43.
>
> Thanks in advance,NCS
--

Until recently, NASA Select Audio was retransmitted on
the WD8OXB Repeater, 145.410, in Commerce Township.
Lately, though, I have noticed a distant Canadian ID
on that frequency, and WD8OXB's machine appears to be
down.

Rich Weinkauf

"Waiter, would you serve the nuts...
I mean, serve the guests the nuts?"
--Nora Charles, "The Thin Man"

1829. Re: Cellular freqs?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 20:07:34 UTC
From: gbelton@cris.com
Message-ID: <xNXRkasteUVP065yn@cris.com>
Source record: 269241
Cross-posted to: rec.radio.scanner,alt.cellular-phone-tech

In article <ncschult.778960174@vela.acs.oakland.edu>, N C Schultheiss wrote:
> Can anyone post,e-mail or direct me to a sight where I can get the
> cell.phone freqs?I'm shure they have been posted time and time again,so
> sorry if this is a repeat.

There are many hundreds of cell.phone freqs. That is one reason the
cellular system works so well.

Just set your scanner to search from 869 to 896 MHz.

1830. Cell phones????

Newsgroup: rec.radio.scanner
Date: 1994-09-07 20:09:21 UTC
From: sharpM@iac.honeywell.com
Message-ID: <sharpM-070994170921@msharpe.iac.honeywell.com>
Source record: 269138

Hi, I am a new reader of this group and would like to ask a (probably) simple question.

Which make and model Cell Phone is hardest to "inadvertantly" overhear?

Please respond by posting.

Thanks

Marty

1831. frequencies used at Notre Dame football games

Newsgroup: rec.radio.scanner
Date: 1994-09-07 20:35:24 UTC
From: P.J.Hinton@nd.edu
Message-ID: <34l86c$r73@news.nd.edu>
Source record: 269251

With the advent of football season, I'll be headed for the stadium. I've
been contemplating whether it's worth taking along the scanner for the ride.
Since I don't have a copy of <<Beyond Police Call>> (the Radio Shacks in
the South Bend/Mishawaka area are in a state of perpetual sellout) and I
don't have a SEARCH option on my Bearcat 55 XLT (don't laugh), I was wondering
if anyone has some frequencies that are used here. Possibilities include
Mutual Radio, NBC Sports, the American Red Cross, law enforcement, and
staff communications. Direct e-mail replies or mass postings welcome.
Thanks in advance!

Regards,

P.J. Hinton
Graduate Student--University of Notre Dame Chemical Engineering Department

INTERNET: P.J.Hinton@nd.edu

P.S. -- Please don't ask me for tickets, my mom has already gobbled up the
general admission tickets that I get for being an alumnus.

1832. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-07 20:51:22 UTC
From: alberg@pipeline.com
Message-ID: <34l94a$co0@pipe1.pipeline.com>
Source record: 269140

dfmayes@gdwest.gd.com (David F Mayes) wrote:

>I suppose
>eavesdropping on "Airfone" is illegal in our wonderful
>free society :-).

Interesting comment... people who read this group are
(hopefully) aware that their
cellular/Airphone/cordless calls are fair game to us scanner
toting outlaws. The
great unwashed masses are probably not aware that their
"private calls" can be
easily monitored. Having the ability to eavesdrop is a
powerful weapon. Just
because you have a weapon does not make it right to use it...

I'd like to see some discussion of the rights of the scanner
community and the
wireless service user. I am a member of both (I am a Pro-51
and a cellular/cordless
user) and I see some real problems for the "average Joe."

Al

Al Berg / alberg@pipeline.com / Hoboken, NJ, USA

1833. lescomm

Newsgroup: rec.radio.scanner
Date: 1994-09-07 21:08:50 UTC
From: Tommy the Tourist <nobody@csua.berkeley.edu>
Message-ID: <34la52$75p@agate.berkeley.edu>
Source record: 269141

lescomm, another week and i still don't have my radio. are you still
in business?

I recieved a shipment of 15kg of amonium nitrate from the consulate.
We're waiting for a chance to get into the building then we'll blow
them all to hell.

For more information about this anonymous posting service,please send mail
to remailer@csua.berkeley.edu with Subject: remailer-info.

To respond to the sender of this message, send mail to
remailer@soda.berkeley.edu, starting your message with
the following 7 lines:
::
Response-Key: the-clipper-key

====Encrypted-Sender-Begin====
MI@``$9^&2?(E<U9BPG1]W7LG=NKH_P&!MEEKN/`$<D849?K/'B7`B9AUSQ!
>=N%SV4("O4BH?;T!Y0$H%)`,8K28=PJT_*^"CU]_
====Encrypted-Sender-End====

1834. !SECRET Lat-Long of airport?!?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 21:13:06 UTC
From: jimp@trigraph.uucp
Message-ID: <1994Sep7.211306.18496@trigraph.uucp>
Source record: 269142
Cross-posted to: rec.aviation.misc,rec.radio.scanner

In <l3vPkiubGo8B066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:

>I guess it's their butt-headed mentality. I called a local Maryland control
>tower to get their long/lat positions for a flight simulation scenario
>I was developing and they refused to give it out (like anyone couldn't
>drive over there w/a GPS unit in-hand). Perhaps it's paranoia, who knows....

Or read a map! Sheesh! Probably ex-military. [<:-)

Maybe they just have orders not to be helpful over the phone.
In Canada, the Canada Flight Supplement (like the AFD) includes
Lat-Long for every airport and navaid right in the listings.
And veterans of rec.aviation will recall that the FAA publishes
the entire database of airport, navaid, and intersection co-ords.
in computer tape format at a price to cover tape handling only.
They even once gave permission to post those files for FTP!
So it can't be all THAT secret!
--
-- Jim Prall "We'll jump off that bridge
-- Trigraph, Inc., Toronto, CANADA when we come to it."
-- jimp%trigraph.uucp@csri.utoronto.ca

1835. Scanner antenna ?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 21:22:06 UTC
From: ab910@lafn.org
Message-ID: <1994Sep7.212206.16948@lafn.org>
Source record: 269143

Sorry if this has been done already, but has anyone made an un-biased comparison of scanner antennas? What do I mean? Grove, for one, is always making inflated claims about the brands they sell. Radio Shack has the same style of antenna for 1/2 the price. How do they, if at all, differ? Discones are simple, but what about that center whip? Some have none! Icom makes a discone that comes with 50 feet of low loss cable and has N-type connectors on it (AH-7000). It's also $106.99. Is it better by far than the Comet for $49.99 without the cable? Scanner beams? They look alot like TV type Log Periodic beams to me, but more money. Anyone tried a few? Nothing beats a hands on review. Sure they SAY it's great on 800. Is it? Enough with the "Will my WizBang-1999 get cell phones?" A radio is a radio, for the most part. It's the antenna that REALLY brings in the signals, or not, as the case may be. Besides, a new antenna with a 30 foot push-up pole is a lot less money than the latest PRO-?

Thanks.
Matthew D.
--
****
trust no one
****

1836. Re: Cellphone to scanner!

Newsgroup: rec.radio.scanner
Date: 1994-09-07 21:32:29 UTC
From: jtomason@li.net
Message-ID: <34lbhd$ssf@linet02.li.net>
Source record: 269258
Cross-posted to: alt.cellular-phone-tech,rec.radio.scanner

In article <MJR.94Sep6232702@babs.syl.dl.nec.com>, mjr@babs.syl.dl.nec.com (Matt Ranney) says:

>Huh? As if my freedom as a cellular phone user isn't compromised by
>people like you. Yes, the industry should have had some foresight,
>but they didn't. What choice do we as users in this country have?
>It's not like there's another cellular system that we can use.

Sorry, but that arguement doesn't wash. You know full well that you are transmitting your conversations
over the airwaves where it can be received. You know that it also applies to your cordless phone as well.

So why are cordless phones exempted from the ECPA of 1986? Simple. The cordless industry didn't throw
a lot of money at a tachnologically-challenged Congress. The cellular industry finally woke up real
fast and reacted -- real fast.

You can also begin to ponder why sensitive military transmissions are scrambled. Shouldn't be too hard to
pass a law banning military monitoring, right?

```
*************************************************************************
* :JOE TOMASONE: GOD IS REAL; UNLESS DECLARED INTEGER *
* INTERNET: jtomason@li.net AMPR AX.25: N2MUO@N2BQF.#NLI.NY.USA *
*************************************************************************
```

1837. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-07 21:51:58 UTC
From: glr@ripco.com
Message-ID: <Cvs4qn.2uo@rci.ripco.com>
Source record: 269144

SCAN911 (scan911@aol.com) wrote:
: In article <34hs6c$t0f@thecourier.cims.nyu.edu>,
: jackson@longlast.cs.nyu.edu (Steven Jackson) writes:

: >M: Terrific. Do you take personal checks?
: >H: With a driver's license and a major credit card.
: >M: You do realize that's it's illegal to request a credit
: card as backup to a personal check, don't you?

: I recently shopped in Flemington, N.J., and there was a news clipping from
: the Star Ledger posted on an outlet's cash register with details of this
: law. Apparently, it is legal to request to see the credit card as a form
: of ID, but it is illegal to write the account number anywhere on the
: check. I think the droid was correct in requesting to see the credit
: card, however, he was not allowed to write the account number. He can
: look at it and say, OK, I believe you are who you say you are because you
: have a credit card with that person's name on it. Kinda stupid, but
: that's the way it works.

The reason they like the credit cards as IDs, is because some stores claim
that if the check bounces they can just charge it... of course, even before
the laws against that... it was pushing it, since they wouldn't have your
signature on the charge slip and you could deny the charges.

Little rules make little people feel big.

That's why I made up a "f** you" picture id card... "In America you're
innocent until proven guilty. You got it backwards, you deserve to be
insulted." Followed by the ID No., my name, address, date of birth and
signature.

It is amazing how little some businesses want your business. Like Radio
Shack at Gurnee Mills Mall, they bitched me out for writing a check with
a "red pen." So, they lost the sale almost a year ago, and I haven't set
foot in since. I previously made purchases about once a week, and often
(and without program) used a red pen.

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

1838. RS Car Antenna Splitter Question

Newsgroup: rec.radio.scanner
Date: 1994-09-07 21:54:12 UTC
From: dingman+@cs.cmu.edu
Message-ID: <34lcq4$j31@casaba.srv.cs.cmu.edu>
Source record: 269226
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Okay, here's a probably simple question: On the antenna
splitter from Radio Shack each of the three connectors
has a "name":

One female connector is marked "Antenna"
One female connector is marked "FM/AM"
The male connector is marked "FM Only"

My guess was that for some reason the splitter would
only pass AM to the "FM/AM" connector, and since I don't
listen to commercial AM that often, and listen to
Aircraft band (civ and mil) quite a bit, I thought I'd
connect this jack to my scanner, and "FM Only" to
the car's radio [BTW, I have no way of knowing if this
FM/AM referrs to the modulation technique or the
transmission band, since lots of folks talk about AM
as a band].

Okay, so I'm happy. It works fine. Then, on the road
on Monday I want to listen to the Raiders/49ers game
and I think, CRAP! I dont' have AM. But, I tried anyway
and got WMVP1000 out of Chicago (in PA, no less! :-)).

So, what DO these markings mean? Are they just there for
added confusion?

- Chris

+---+
| Christopher P. Dingman |
| Electrical and Computer Eng. Dept. dingman@ece.cmu.edu |
| Carnegie Mellon University (412) 268-7119 |
| 5000 Forbes Ave |
| Pittsburgh, PA 15213 |
+---+

1839. Pro 39 Mod

Newsgroup: rec.radio.scanner
Date: 1994-09-07 21:55:37 UTC
From: dlblac@ccmail.monsanto.com
Message-ID: <1994Sep7.195446.8038@tin.monsanto.com>
Source record: 269145

Does anyone know if there is a modification for the Pro 39 (like the Pro 43) to unblock the blocked 800mhz range? Thanks in advacne for any ideas.

David Black

1840. Re: Grove Catalog, Motorola Cellphones

Newsgroup: rec.radio.scanner
Date: 1994-09-07 22:20:03 UTC
From: smacken@aol.com
Message-ID: <34leaj$fqr@search01.news.aol.com>
Source record: 269146

In article <34j9nc$t6n@homer.alpha.net>, dfleming@earth.execpc.com (Dan Fleming) writes:

The other 'rag' is probably satellite times (the first issue).
I received my complimentary copy of ST last week and it is really great. I'm not sure how they can keep it up every other month but I'll give them a chance.

steve

1841. Re: NC police acronym 'NCIC'?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 22:32:04 UTC
From: smacken@aol.com
Message-ID: <34lf14$g2b@search01.news.aol.com>
Source record: 269147

With sincere apologies tom.

And I'm not even an 'newbie'

Geeezzzeee

1842. Re: Sprint Car Auto Racing Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 22:39:04 UTC
From: smacken@aol.com
Message-ID: <34lfe8$g67@search01.news.aol.com>
Source record: 269148

World Of Outlaws (WOO) does not permit radios in the cars whatsoever but
the officials are pretty neat to listen to.

They are.

Ch. 1 464.55
Ch. 2 469.55
Ch. 3 456.675

and occasionally workers will use 151.625 (like the rest of the world)

steve

1843. scanner to hear 26.5 thru 26.9 (or so).

Newsgroup: rec.radio.scanner
Date: 1994-09-07 22:43:00 UTC
From: pat.wilson@pplace.com
Message-ID: <8996463.000D001F48.uuout@pplace.com>
Source record: 269149

I have a need to hear freqs in the 26 meg range and would appreciate it if someone could tell me where or which ones will do it. The cheaper the better, as i want to monitor just ONE frequency for noise. If you have a clue, clue me in please.

pat

1844. :scanner to hear 26.5 thru 26.9 (or so).

Newsgroup: rec.radio.scanner
Date: 1994-09-07 22:43:00 UTC
From: pat.wilson@pplace.com
Message-ID: <5c.8008.13@pplace.com>
Source record: 269150

I have a need to hear freqs in the 26 meg range and would appreciate it if someone could tell me where or which ones will do it. The cheaper the better, as i want to monitor just ONE frequency for noise. If you have a clue, clue me in please.

pat

1845. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-07 22:48:09 UTC
From: jds0447@ultb.isc.rit.edu
Message-ID: <1994Sep7.224809.18772@ultb.isc.rit.edu>
Source record: 269151

In article <34kl5r$me8@eugene.convex.com> horak@convex.com (David Horak) writes:
>I was on an American Airlines flight from Albuquerque to Dallas this
>past weekend and since I've heard those calls on my scanner between

I wasn't sure that airport security would even let something like a
handheld radio/sacnner on a plane, would they? Wouldn't that thing pick
up on the x-ray as being a complex electronical device, something like a
bomb? Isn't that why they ask you to turn on portable laptop
computers?

1846. Wanted: DTMF Decoder

Newsgroup: rec.radio.scanner
Date: 1994-09-07 23:01:34 UTC
From: mm884030@longs.lance.colostate.edu
Message-ID: <-WZRke2675G8070yn@longs.lance.colostate.edu>
Source record: 269152
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Howdy. I downloaded a file called DTMF101.EXE off from oak.oakland.edu
(/pub/hamradio/[I_forgot_the_directory_structure] -- It should be easy
to find). Well, cool idea for a program, but it doesn't seem to work.

Are there any other DTMF decoders out there? Or does anyone have a newer
version of this one?

This program takes input into your soundblaster card and decodes dtmf signals.

Well, Thanks for your time.

Marek
mm884030@longs.lance.colostate.edu

1847. paging software

Newsgroup: rec.radio.scanner
Date: 1994-09-07 23:39:18 UTC
From: stujorda@eku.acs.eku.edu
Message-ID: <1994Sep7.183918.3486@eku.acs.eku.edu>
Source record: 269153

I know this really doesn't belong on this list, but I don't know
anyplace else to ask.
I beleive this has been posted before, but either I don't have it anymore,
or I am mistaking. Is there any software available on the internet,
that allows you to page someone on their beeper, that allows letters as
well as numbers.
Thanks in advance for any and all information.
Darrell Jordan--Stujorda@acs.eku.edu
BITNET Stujorda@eku.bitnet

1848. Re: listen in on space shuttle in Michigan?

Newsgroup: rec.radio.scanner
Date: 1994-09-07 23:56:13 UTC
From: hrsblackwell@hrs.gsfc.nasa.gov
Message-ID: <hrsblackwell-0709941956130001@n3kwu.gsfc.nasa.gov>
Source record: 269154
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space

In article <ncschult.778910553@vela.acs.oakland.edu>,
ncschult@vela.acs.oakland.edu (N C Schultheiss) wrote:

> I have a very long list of freqs.Iwant to know if I can listen in while
> the shuttle is up next week?I have a pro 43.
>
> Thanks in advance,NCS

Don't know about local stuff but if you have an HF reciever we will be on

3,860 and 7,185 KHz
14,295 and 21,395 KHz

during the mission of STS-64

Jim Blackwell, N3KWU
President, Goddard Amateur Radio Club

1849. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-08 00:11:40 UTC
From: g9153402@huey.csun.edu
Message-ID: <34lkrs$cfo@nic-nac.CSU.net>
Source record: 269155

David Horak (horak@convex.com) wrote:
> (since it was his 75th birthday) and wished him a "happy birthday from
> 30,000 feet!" The call was scratchy aand didn't sound any better than
> it usually does on my scanner. By the way, I did have my scanner and I
> was able to hear some ground calls (base side) between 849 and 851
> while we were at cruising altitude. Of course, I put my scanner away
> prior to landing. The AA magazine has a section in it about what
> electronic equipment can/cannot be used during specific parts of the
> flight. Scanners can *never* be used, according to the magazine (the
> stewardess asked us to read this for more information about legal
> electronic devices) but they said nothing to me while I was listening
> to my MYT-7100! Too busy passing out food and drinks, I guess ;-)

> David

On a plane, if you read all that literature in those back seat pockets
(except the air-sick bag), usually in the airline's flight magazine,
there is something that says that use of any type of radio on an
airplane is against FAA regulations, but things like laptop computers,
and listening to cassette tape players with headphones, is OK.
My only question is, my portable cassette player also has an AM/FM
radio on it. The flight attendants never check to make sure that
you're listening to a tape, not trying to listen to some radio station
below. It just makes me wonder, in the future will some airline blame
their plane that crashed, because some passenger turned on this type
of radio that messed up the plane's navigation system? I doubt it.
I can't see how a $20 cassette/radio that you can buy at K-Mart, will
mess up the systems of a $80 million dollar jet.

1850. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-08 00:12:40 UTC
From: dfmayes@gdwest.gd.com
Message-ID: <34lkto$7v7@gdwest.gd.com>
Source record: 269265

```
In article <34iqcn$ft2@gdwest.gd.com>,
David F Mayes <dfmayes@gdwest.gd.com> wrote:
>knows the frequencies for the "Airfone" or "SkyRadio" services.
^^^^^^^^

Hmmm, so far nobody knows the frequency for "SkyRadio"...
SkyRadio has live news, sports, talk, etc. I heard Monday Night
Football on it during my flight.

---
dfmayes@gdwest.gd.com
Dave Mayes
```

1851. Re: FCC licensing for scanners in cars?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 00:57:59 UTC
From: pettysm@iglou.iglou.com
Message-ID: <1994Sep8.005759.1149@iglou.com>
Source record: 269157

Dave Pozniak (eth@tiamat.umd.umich.edu) wrote:
: A while back I thought that some one mentioned that you were could have
: scanner in your car in Michigan if you had a FCC license of some kind.
: Three questions, 1. Is this true? 2. What type of license is it? 3.
: What do you have to meet to get this license? (Age, type of scanner)
: Also if anyone has freqs for the Detroit 313 area, please email

There Is no FCC Licence for scanners in cars, Some hams will say that
their ticket does make it legal (in my opinion it does) if you read the
way the laws are written... But the legality of carrying a scanner in
your car or for that matter on your person is up to the individual state
you are in...

Here in Indiana you must be a law enforcement or emergency official
(fire, ambulance, Civil Defence, etc.)
or A Member Of the press WITH state credintals
or you may carry a scanner in your county of residence if you have and
carry a letter of authorization from your county sheriff.

this is a general idea of the law not ment to be legal, so don't take my
word for it...

Steve

--
<pettysm@iglou.com> *SMACK* Gooooooodnight Everybody!...And Gooooooodbye Nurse!
Anything To Stupid To Be Said Is Sung. Anything To Stupid To Be Sung Is Typed.
"I Just Can't help Myself; for I Am The Very Model Of A Cartoon Individual."
No Your Opinion, My Opinion! Babs or Yakko? "I'm So Confused!"

1852. FT-411E

Newsgroup: rec.radio.scanner
Date: 1994-09-08 01:08:17 UTC
From: hoffj@msus1.moorhead.msus.edu
Message-ID: <1994Sep7.200818.1736@msus1.msus.edu>
Source record: 269158

I have a ham radio, Yaesu F-411E. I bought it from a guy, and he showed me how it scanned police frequencies. I brought it home, and reset the unit so I could program in repeaters and police frequencies. Now I can't get it to enter police freq's. Does anyone have experience with this unit? Sorry if this is off topic, but I don't read the ham areas. (couldn't get there if I tried. Can't figure this internet thing out yet.)

Thanks

Jerad
hoffj@mhd1.moorhead.msus.edu

1853. diff. between pro2006 and 2006a?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 01:36:55 UTC
From: frankjm@sd2.af.mil
Message-ID: <1994Sep8.013655.10673@afit.af.mil>
Source record: 269159

Is there a difference between the pro-2006 and
the pro2006A? If so, what?

also if you buy one of these now,are they modifiable?

A friend bought 3 of them because he did not know
what could be done to them. One was manufactured
in 1992, the other are early 94 models.

Someone at radio shack said they sent some back
to make them unmodifiable even though they
had an early date on them, is this true and how
can you tell?

sorry for all the questions but I need to know.

thanks in advance,
jim

1854. Uniden SC-150 mods ??????? Please?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 01:37:50 UTC
From: charliebrown@BIX.com
Message-ID: <charliebrown.778988270@BIX.com>
Source record: 269160

Does anyone know if the Uniden Sportcat SC-150 is able to be modified?

If so, where can the mods be gotten. I checked the oak.oakland.edu and hamster.business.uwo.ca FTP sites, but couldn't find anything.

Thanks for any help you can offer!!!

Charlie Brown
charliebrown@bix.com

1855. Re: Cellphone to scanner!

Newsgroup: rec.radio.scanner
Date: 1994-09-08 01:54:22 UTC
From: meconlen@zeus.IntNet.net
Message-ID: <34lqse$in2@xcalibur.IntNet.net>
Source record: 269161
Cross-posted to: alt.cellular-phone-tech,rec.radio.scanner

>True. I saw on TV recently, that anyone with this device the cellular
>carriers make, which is about the size of a large book, can read the ESN
>off of a nearby, in use, cellphone. With this ESN, one programs it into
>another cellphone. It is just too simple, and the fraud is immense!
>The cellular industry has no one to blame, but themselves. They're the
>one's who created a system that is easy to de-fraud, and easy to listen
>into. They should invest their own money to fix it, not just blame
>scanner listeners, and the like, and try to have some unenforceable laws
>passed to cover-up their own mistakes!

Its not to hard as I understand it, with a PROM burner to create a phone
that looks like another. Just have to get the others ESN, program the
phone with that chip, and bingo, fly off of any number you choose!

Groove on dude
Michael Conlen

1856. Re: Cell phones????

Newsgroup: rec.radio.scanner
Date: 1994-09-08 02:37:14 UTC
From: g9153402@huey.csun.edu
Message-ID: <34ltcq$ms1@nic-nac.CSU.net>
Source record: 269162

Marty Sharpe (sharpM@iac.honeywell.com) wrote:
> Hi, I am a new reader of this group and would like to ask a (probably)
> simple question.
> Which make and model Cell Phone is hardest to "inadvertantly" overhear?
> Please respond by posting.
> Thanks
> Marty

From what I now know, it's the 'tower' frequencies (869 - 894 mhz) which are best to hear, in which you usually hear the cellphone half of the connection in lower volume (sometimes, not at all).
Tuning into the 'handset' frequencies (825 - 849 mhz, about 45 mhz lower), you may not hear anything, as a search using your scanner my just zip right through without stopping. Reason being, cellphones only emit from .3 watt (cheapest hand-helds) to 4 watts max (car phones/transportables). So unless you're fairly close to the cellphone transmitting (from a couple blocks to a couple miles) your scanner may not pick up anything. I don't think it has as much to do with the model of the cellphone, as it does with the performance of it.

1857. Faster RS PRO-2006 Scanning?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 02:56:11 UTC
From: g9153402@huey.csun.edu
Message-ID: <34lugb$ms1@nic-nac.CSU.net>
Source record: 269163

Shawn4sk1 (shawn4sk1@aol.com) wrote:
I know which diode and I know its effect in general but SPECIFICALLY- If I do get cut the diode and get the 2006 to scan faster, a)how much faster will it scan? b)will the speed button still offer a faster/slower option? and c)will it possibly cause me to lose alot of freqs I might otherwise catch, etc?

I figure the "c)" question is kinda a dumb one b/c I figure the idea is to be able to scan bands faster for the ability to cover a range quicker. BUT, I figure the original designer set speeds appropriate for the processor, etc as to be as fast as it could be under the design conditions- I figured if it could scan faster accurately, they would've made it that way to begin with... no???

Thanks In Advance!!! This is important as a soddering gun is not readily available to fix it if I'm disappointed by my surgery! :-)
.
Shawn4SK1@aol.com

1858. stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-08 04:43:00 UTC
From: john.tant@exchange.com
Message-ID: <2d.11075.603.0N85106D@exchange.com>
Source record: 269164

JACKSON@LONGLAST.CS.NYU.EDU writes:

>Monday, September 4. Radio Shack.. Princeton, NJ

>H: [Holds the *demo* behind his back] Then I can't sell
> you the unit, sir.
>M: Look, I'm a local. I have my license, the check is good.
>H: *sigh* Fine, I'll do it. [walks over and gets a new one]
****

Steven,

How in the world did you find a RatShak that had something in
stock besides the one demo?

John

---
* WR # 365 * Alas, poor tagline. I wrote it well.....

1859. cell phone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-09-08 04:43:00 UTC
From: john.tant@exchange.com
Message-ID: <2d.11076.603.0N85106E@exchange.com>
Source record: 269165

It's interesting to me that there didn't seem to be very much on most of the newsgroups about listening to cell phones until the law was passed which made it illegal to import/make cell-capable scanners. Now, it seems as though EVERYBODY wants to listen in on cell phones. In a couple of years, I predict that the two PRO-2006's I bought a couple of years ago, and never modified BTW, will be worth some big money. It reminds me of children who want to do something they were just forbidden to do. Too bad the scanner-banners never realized that by raising all the fuss, they just piqued everyone's curiosity (what is it I'm not supposed to hear? Just what are they hiding?) I guess it's kinda like a beautiful woman deciding she wants to change into her bikini out on the beach. So she yells loudly her intentions, and forbids anyone to look. Figure the odds!

John

---
* WR # 365 * Save The Whales -- until we get more tartar sauce

1860. Freq counter/scanner combo unit?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 04:45:09 UTC
From: linley@netcom.com
Message-ID: <linleyCvsnvB.6DK@netcom.com>
Source record: 269042
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Are there any scanners with a frequency counter built in? This would allow one to automatically tune in to the nearest transmitter in the area. Do such beasts exist or would Big Brother consider such a radio to be too "dangerous"? I really don't see the addition of freq counter circuitry adding too much to the bulk to the typical handheld scanner.

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur radio: KE6EQZ
-=-=-=-=-=-=-=-=-=-=-= "Peace through superrior firepower" =-=-=-=-=-=-=-=-=-=-=-

1861. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-08 05:03:13 UTC
From: popo@radioman.hernix.org
Message-ID: <CvsopD.Au@radioman.hernix.org>
Source record: 269167

Here in the Cleveland area there was a news story about a person who picked up child abuse on her baby monitor, recorded it then turned the people in to Social Services. Like the neighbors baby monitor overpowered the one in there house!!!!!! Seems it's OK to monitor and record for social services but all others are taboo......

--

James Pogras popo@radioman.hernix.org hernix!radioman!popo

1862. Re: Cellphone to scanner!

Newsgroup: rec.radio.scanner
Date: 1994-09-08 05:06:38 UTC
From: popo@radioman.hernix.org
Message-ID: <Cvsov2.By@radioman.hernix.org>
Source record: 269230
Cross-posted to: alt.cellular-phone-tech,rec.radio.scanner

It's a real puzzle that you can do just about anything in the privacy of
your own home.......BUT don't listen to those phone calls.......Well if
you don't want me to listen then stop the RF from entering into my house!!!

--

James Pogras popo@radioman.hernix.org hernix!radioman!popo

1863. New RS Scanner For Sale 9

Newsgroup: rec.radio.scanner
Date: 1994-09-08 05:15:18 UTC
From: ligosa@pipeline.com
Message-ID: <34m6l6$7mb@pipe1.pipeline.com>
Source record: 269168

For Sale:

From the new line of RS scanners, The PRO 50
sells new for $139.00

I'm asking $99.00+ shipping
Mint condition in the box w/manual
New Small and lightweight design
20 channels, search, lockout, monitor memory, delay
Full lighted display
Can be seen in the new catalog on page 27

Great scanner for having your 20 favorite most listened to
frequency's at hand

Selling because I'm getting a Pro43.

Contact Chris
CIS# 74722,3146
or Internet address ligosa@pipeline.com
or call 718-642-1087

1864. BC170 Uniden / Bearcat MOds

Newsgroup: rec.radio.scanner
Date: 1994-09-08 05:23:56 UTC
From: fb487@cleveland.Freenet.Edu
Message-ID: <34m75c$ijr@usenet.INS.CWRU.Edu>
Source record: 269170

Does anyone have any mods for the Uniden/Bearcat BC170 Scanning Radio.
It currently has only 16 channels. Thought it could be modified for more.
Thanks.
--
Mark Smalley
1111 Barbeau Drive
Saginaw, MI 48603

1865. Re: Federal Licensing Problems

Newsgroup: rec.radio.scanner
Date: 1994-09-08 05:27:45 UTC
From: schuh@phys.unca.edu
Message-ID: <34m7ch$o36@balsam.unca.edu>
Source record: 269171

Ken Navarre (kjn@netcom.com) once wrote:
: Has anyone else had problems dealing with the F.C.C. since they had to
: scale down their operation?

: For the past 3 months I've been trying to get the forms for the renewal
: of our Public Safety Radio Licenses (form 574L). I keep getting their
: voice mail loop and never get a response either by phone or mail...

: What gives???

Uh... maybe Bill... sorry, I mean Hillary Clinton's Government Downsizing?
Thanks everybody who voted for her! Some of us REALLY appreciate what's
happening to this country. <SARC>

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

1866. AOR AR 1500 question

Newsgroup: rec.radio.scanner
Date: 1994-09-08 07:06:46 UTC
From: quon@leland.Stanford.EDU
Message-ID: <34md66$svn@nntp2.Stanford.EDU>
Source record: 269044
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hello,

I just picked up an AOR AR 1500 and was wondering if it is possible to
manually entering a starting frequency and have it automatically *search*
upward from there.

After reading the docs, it seems I have to do SEARCH PROG ...
Kind of annoying if I just want to channel surf. (By using the down
arrow key after I enter the frequency manually, I can search downward--
Unfortunately, there is no up arrow).

Any help or info will be appreciated. E-mail is preferred.

Thanks,

Ken (quon@leland.stanford.edu)

1867. San Antonio freqs?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 07:14:52 UTC
From: szhoag@chip.ucdavis.edu
Message-ID: <Cvsuss.7HB@ucdavis.edu>
Source record: 269172

Hi there. I will be travelling to San Antonio, TX @ the end of the
month, and I would like to bring my PRO-43 along. Could anyone pass
along the local PD, FD, & EMS channels? Also I would appreciate it if
someone could clue me in regarding the local laws, etc?

Thanks in advance,

Phillip Hoag -- "NO FEAR"?! I'm scared s--tless, but I get paid for it!
(a tiny bit, anyway)
|| Volunteer Firefighter, Woodland, CA EMT-1A; Yolo Co. Heavy Rescue ||
|| -> All opinions, stupid comments, whatever, are mine and mine alone <- ||

1868. Stanford University Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-08 08:10:08 UTC
From: rudyw@sherlock.stanford.edu
Message-ID: <rudyw-0809940010080001@tip-mp4-ncs-7.stanford.edu>
Source record: 269173

Could anyone who might have a set of freqs for Stanford lying around please E-Mail them to me... I've just started a job out here and would like to listen in on the action while I work. I'd be particularly interested in the "Stanford One" helicopter frequency (she flies overhead at least twice a day) but would graciously accept any frequencies (security, police, fire, etc.)

Thanks a million. E-Mail to "rudyw@sherlock.stanford.edu" is preferred.

Rudy A. Willis

1869. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-08 08:46:23 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Sep8.004623.4525@cmkrnl>
Source record: 269174

In article <banister.87.00134E8D@lobby.ti.com>, banister@lobby.ti.com (Danny Banister) writes:
> In article <1994Sep2.181336.4503@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>>Someone else suggested using something like a Rat Shack "Silent Play"
>>(an FM stereo transmitter/receiver pair; you can throw away the receiver)
>>to pipe the sound into the car FM tuner. [...] d
>>However I wonder about having a transmitter that close to the
>>scanner -- even though it's a very weak transmitter, it's also going to be
>>VERY, VERY close, and might cause receiver desensitization through front-end
>>overload. At $15 or so for the Silent Play it isn't that expensive to find
>>out...
>
> I bought a Silent Play and have been using it in my car for several
> days with my Pro-43 and it works fine. At $15 I couldn't resist
> having one to transmit to my headphones at home, but I quickly
> decided to try it out in the car, too!
>
> Danny

Since posting the note Danny quoted I tried my "Silent Play" transmitter *right next* to my Pro-2004's little whip antenna. I noticed no desensitation effects. The "Silent Play" xmtr really must be pretty weak!

So... My new plan is to mount the Pro-2004 in the rear of the car, near the regular car radio antenna. I'll arrange for a coax relay to switch the antenna between the car stereo and the scanner, and let the Silent Play send the audio to the car stereo tuner. Since the stereo will be in 'radio' mode the antenna will be extended automatically, so no need to kluge that. A remote control keypad for the scanner (or, heck, an HB-232 and an MS-DOS-compatible palmtop) and I'll be all set... now if only there was away to have the power antenna automatically adjust to various lengths for various VHF bands... :-)

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

1870. Carnival Cruise Ships ???

Newsgroup: rec.radio.scanner
Date: 1994-09-08 08:58:43 UTC
From: kjn@netcom.com
Message-ID: <kjnCvszLv.44B@netcom.com>
Source record: 269225

Anyone have the shipboard freqs for any of the Carnival Cruise Line ships?
--
Ken Navarre <kjn@netcom.com>

1871. Re: Shinwa Scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-08 09:09:19 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <779015359snz@javiaton.demon.co.uk>
Source record: 269227

In article <778866067snz@isis.demon.co.uk>
ian@isis.demon.co.uk "Ian Smith" writes:

> Do you mean the one with the fancy remote control ?
> It's tough and it's pretty. It's bloody illogical in the way the controls
> work, but once working it's pretty good. The two antenna system is nice and
> I have to admit that I like the remote. When new, it was *very* over-priced.
> You were very lucky to pick up a manual. In fact, I didn't realise that a
> manual had ever existed as I have never seen one.

Very nice in the car at night.....and dangerous if you tried to
program while moving !

Never got to grips with the remote although I guess having not
used one very often it took a bit aof learning each time I picked
it up. As you say very illogical to program at times.
Selectivity/Sensativity was not as good as some.

Don't try to power it from anything less than 1 amp - it won't
like it. The two antenna system is excellent and would be nice if
seen on a few more "home base" sets.

Should have been a manual with it when originally purchased. The
ones we had from Japan always came with an English ('ish) book. If
you need one E-Mail me, I still have some copies left.

> By the way, has yours got the RS232 interface fitted ?

Nope, never saw one. The original fliesr from Japan showed a RS232
fitted but the ones we had never came fitted with one.

--
Cheers, I'll have a Taylors Landlord please.....
JC
/--\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
\--/

1872. Re: faster 2006 scanning?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 09:21:48 UTC
From: toddw@hebron.connected.com
Message-ID: <34ml3c$i66@hebron.connected.com>
Source record: 269228

Shawn4sk1 (shawn4sk1@aol.com) wrote:
: I know which diode and I know its effect in general but SPECIFICALLY- If I
: do get cut the diode and get the 2006 to scan faster, a)how much faster
: will it scan? b)will the speed button still offer a faster/slower option?
: and c)will it possibly cause me to lose alot of freqs I might otherwise
: catch, etc?

I have the 2006 and I did not do the speed mod for those specific reasons.
As I recall it only gives you about 16% speed increase. and it is a
diode that you cut. Not sure which one.

The mods should be on
FTP
oak.oakland.edu
/pub/mods/

Todd Wilburn RACES, PP-ASEL, Volunteer North West,
Civil Air Patrol Volunteer Fire Fighter, College Student,
Ed Hauter Comp. Squ. 46049 IFR Student, soon to be Helicopter Student
Emergency Services Officer toddw@hebron.connected.com
Washington Wing ☺Job? What Job I work for a living!☺

-------| My opinions are not my own but of the company that I own. |---------
---

1873. FOR SALE: PRO-2021

Newsgroup: rec.radio.scanner
Date: 1994-09-08 09:22:23 UTC
From: keithr@primenet.com
Message-ID: <keithr.41.001B0178@primenet.com>
Source record: 269229

```
============================================================
FOR SALE: RADIO SHACK PRO-2021 SCANNER

Features: 200 Channels, 10 banks of 20. 110 Volt or 12 VDC
operation. Includes high performance whip antenna.
30-512 MHZ in standard band arrangement.
Great radio and great sound!

Price: $125 COD, Includes UPS Blue Shipping
============================================================

The PRO-2004 and PRO-46 previously posted are sold, thanks to Internet.

If interested in this radio, please E-Mail me your address or
call (602) 835-2243, my work number, between 8:30 AM and 3:00 PM
Monday - Friday and ask for Keith and say it is about the scanner.
My secretary won't let you through otherwise.

Best Regards, Keith

============================================================
Internet Address: keithr@primenet.com
Personal WWW Page: http://www.primenet.com/~keithr/
Packet Radio Address: KG7EL@KC7Y.AZ.USA.NA
Earthly Address: Mesa, Arizona
============================================================
```

1874. Re: Cellular freqs?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 10:27:59 UTC
From: mulligan@ACM.ORG
Message-ID: <34movf$mlv@hopper.acm.org>
Source record: 269231

> ... the cell.phone freqs?

From the FAF - Frequently Asked Frequencies file on oak.oakland.edu:

Cellular Telephone

Chs Freqs (base) System

800-832 869.040 - 870.000 RCC - voice
1-312 870.030 - 879.360 RCC - voice
313-333 879.390 - 879.990 RCC - data
334-354 880.020 - 880.620 Telco - data
355-666 880.650 - 889.980 Telco - voice
667-716 890.010 - 891.480 RCC - voice
717-799 891.510 - 893.970 Telco - voice

Mobiles transmit 45 MHz below the base (824.040-848.970) and
are usually repeated by the base. Channels are .030 MHz apart.

1875. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-08 10:29:00 UTC
From: clay@panix.com
Message-ID: <clay.1126.2E6EE76C@panix.com>
Source record: 269232

In article <1994Sep7.224809.18772@ultb.isc.rit.edu> jds0447@ultb.isc.rit.edu (J.D. Spewak
) writes:

>I wasn't sure that airport security would even let something like a
>handheld radio/sacnner on a plane, would they? Wouldn't that thing pick
>up on the x-ray as being a complex electronical device, something like a
>bomb? Isn't that why they ask you to turn on portable laptop
>computers?

I've taken my scanner, my cellular telephone, my HT and my laptop computer
with me on several dozen flights and I've never had anyone even question
the scanner...

.-. .-.
/ \ .-. .-. / \
/ \ / \ .-. _ .-. / \ / \
-/--Clay Irving-(N2VKG)\-----/---\---/-\---/---\-----/-----\-------/-------\--
clay@panix.com \ / `-' `-' \ / \ /
New York, New York `-' `-' \ /
`-' `-'

1876. Re: Steps

Newsgroup: rec.radio.scanner
Date: 1994-09-08 10:46:01 UTC
From: mulligan@ACM.ORG
Message-ID: <34mq19$mon@hopper.acm.org>
Source record: 269233

shawn4sk1@aol.com (Shawn4sk1) asked:
> ... if there was a hard, fast rule to step settings ...

For a layout of the spectrum, with notes on steps, get the file:

oak.oakland.edu: /pub/hamradio/docs/misc/fcc.allocations

"A summary of the FCC Table of Frequency Allocations for the 30 - 1300
MHz range. Since it boils 90 pages of data down to 160 lines, a little
detail has been lost <g>, but it will guide a scanner user to what's where."

1877. Re: San Antonio freqs?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 10:53:42 UTC
From: szhoag@chip.ucdavis.edu
Message-ID: <Cvt4xI.Dz9@ucdavis.edu>
Source record: 269234

Hello again. Yes, I am familiar w/ Police Call & Monitor America--I am looking for the most current freqs since things do change... Also if the laws in Texas are different regarding portable scanners (i have a PRO-43) vs. CA, would someone clue me in?

Thanks again,

Phillip Hoag - "We all agree that your theory is crazy, but is crazy enough?"
- Niels Bohr
|| Volunteer Firefighter, Woodland, CA EMT-1A; Yolo Co. Heavy Rescue ||
|| -> All opinions, stupid comments, whatever, are mine and mine alone <- ||

1878. FORSALE AOR AR1500 $350 FULL RANGE!

Newsgroup: rec.radio.scanner
Date: 1994-09-08 11:06:18 UTC
From: donar@cs.vu.nl
Message-ID: <Cvt5II.1Fr@cs.vu.nl>
Source record: 269235

FOR SALE:

AOR AR1500

Frequency Range 500KHZ-1300MHZ FULL RANGE!!
step sizes 5khz-995khz, user programmable in 5khz or 12.5 khz multiplying
Sensitivity FM .5uV or better
AM .3uV or better
Scan speed and search speed Approx 20 channels/second
modes AM, NFM, WFM, SSB
Memory channels 900 channels plus 100 channels auto memory channel,
total 1000 channels (same as yupiteru)
Search range memory 9 normal search banks and 1 search banks for automemory
search pair

Priority 2 sec. of sampling rate
Antenna Input 50 ohm bnc connector
Audio Output 100mW at 10% THD or better
size 55(w)X152(l)X40(d) mm
weight 385 gram

I want to have $350 for it.

This scanner receives all celular and cordless phones as well as police ,
planes, air-control, etc frekwenties

Greatings Donar

--
,,,
(o o)
()=======================oOO==(_)==OOo=========================()
// Why is everyone using my little man in their .signature ? //\\

1879. Nashville Freqs needed

Newsgroup: rec.radio.scanner
Date: 1994-09-08 11:50:16 UTC
From: djdan@telerama.lm.com
Message-ID: <34mtpo$rfl@tusk.lm.com>
Source record: 269236

Need police, fire and any other interesting stuff. Please e-mail or
post here.
--
" "
The Invisible Man

1880. Re: Pro-51 New aquisition

Newsgroup: rec.radio.scanner
Date: 1994-09-08 11:50:46 UTC
From: jcosiman@clark.net
Message-ID: <34mtqm$kaa@clarknet.clark.net>
Source record: 269237

Jason Davis (jdavis02@troy.eng.eds.com) wrote:
: Howdy folks,

: I just aquired a new RS Pro-51 and I am VERY happy with it, especially
: since the selling price was $219, down from $299.
^^
I recently bought one for $199 - I didn't know prices varied that much.
You bought from a Rat Shack?

--
+---+
| jcosiman@clark.net - jcosimano@his.com |
| ^^^^^^^^^^^^^^^^^^ |
| Finger for PGP public key |
+---+

1881. AR-1500 Mods

Newsgroup: rec.radio.scanner
Date: 1994-09-08 12:17:47 UTC
From: midnight@tower.it.com.au
Message-ID: <34mvdb$mh3@tower.it.com.au>
Source record: 269238

Does anyone out there know of any existing mods for an AR-1500??

Thanx in adv.

--

```
----------------------- ----------------------------------------
/| | /| Something To Think About: |
--| | The Midnight Sun |--| | ^^^^^^^^^^^^^^^^^^^^^^^^ |--
| | | | | How can you remember what you have |
| | Of Western Australia | | | forgotten, when you've forgotten what |
| | | | | your trying to remember?? |
| ----------------------- | ----------------------------------------
|/Another CBRadio Freak|/ |/ e-mail -> midnight@tower.it.com.au |/
--- ------ -----
```

1882. PRO-2006 FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-09-08 12:26:47 UTC
From: av@lns62.lns.cornell.edu
Message-ID: <0098427B.D4989600@lns62.lns.cornell.edu>
Source record: 269239

I'm posting this for a friend who has no Net access.
Please reply to me via e-mail.

FOR SALE

Realistic PRO-2006 scanner, 4 months old, mods done. With manual
$300 plus shipping

ALSO

Realistic infrared wireless headphones - $25 plus shipping
Telephone speech tone shifter (disguises your voice) - $25 plus shipping

$325 plus shipping takes all 3.

---
^If one can / Alan Venooker N2MPD,SAC,ASEE,BLS,LSMFT
/ \ toucan! / Home address: 302 Woodgate Lane, Ithaca, NY 14850-8773
/0 0\ / Home phone: 607-277-4729 >6PM EDT
/ - \ / Lab phones: 607-255-4882(page), 607-255-4948(office) 8-4 EDT
/ ___/ \ / Lab address: Cornell University, Laboratory of Nuclear Studies
/ \ / Wilson Synchrotron, 694 Dryden Rd, Ithaca, NY 14853-8001
/ BigAl v E-mail: av@lns62.lns.cornell.edu, av15@cornell.edu

1883. Re: Freq counter/scanner combo unit?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 13:04:09 UTC
From: schuster@panix.com
Message-ID: <34n249$jan@panix2.panix.com>
Source record: 269240

In article <linleyCvsnvB.6DK@netcom.com>,
Bruce James Robert Linley <linley@netcom.com> wrote:
>Are there any scanners with a frequency counter built in? This would allow
>one to automatically tune in to the nearest transmitter in the area. Do
>such beasts exist or would Big Brother consider such a radio to be too
>"dangerous"? I really don't see the addition of freq counter circuitry
>adding too much to the bulk to the typical handheld scanner.

Such a beast is under development. Expect to see it next year, priced at
below $1000.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1884. Re: faster 2006 scanning?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 13:27:04 UTC
From: shawn4sk1@aol.com
Message-ID: <34n3f8$t47@search01.news.aol.com>
Source record: 269242

I did do the mod and I'm very happy with it- I would have now idea how anyone without proper equiptment and alot of free time because they don't have a job could figure the percentage of speed increase- I've heard 16%, 20%, 25%, etc... All I know (the "good" side! :-) is that it does scan so quickly, the last few digits aren't even readable anymore- I'd recommend it to anyone who hasn't done it yet.

Also, one guy wrote and said he replaced his clock crystal with a faster one and improved CPU speed by a third, I believe he said, to make it even that much faster- that's my next "Let's VOID the warranty" project. :-)

soliver@ozarks.sgcl.lib.mo.us

(formerly Shawn4SK1@aol.ocm)

1885. Re: Gmrs

Newsgroup: rec.radio.scanner
Date: 1994-09-08 13:52:46 UTC
From: bkobb@newsignals.com
Message-ID: <netnewsCvtD7y.DIw@netcom.com>
Source record: 269243

>>>
I haven't read the actual FCC regs yet, but I had been assuming that
the GMRS license applied only to the licensee and his/her immediate
family, and have hesitated in getting radios for that reason. Is it a
legal use to hand a radio to non-licensed, non-family member and
communicate with them?? With CB's, I know it wasn't.
<<<

It is not legal to do this. The only persons eligible to be station operators under a license issued to an individual person are the licensee and members of the licensee's immediate family living in the same household (FCC Rule 95.179).

Non-licensed friends, employees etc. are not eligible to be station operators under someone else's license.

This rule was enacted after lengthy study by the FCC and public comment by the GMRS community.

Anyone contemplating getting into GMRS should obtain the publications and newsletter of the not for profit Personal Radio Steering Group (address given elsewhere in this thread). Especially you need their Licensing Guidelines, GMRS Rules and the GMRS National Repeater Guide - now going into its tenth and most massive edition. The newsletter is called Personal Radio Exchange.

They also have a good introductory 8-pager called What is the GMRS? covering rules, frequencies, communications range, and understanding your local situation.

Bennett Kobb
WashDC

1886. PRO-34 scan rate and beep

Newsgroup: rec.radio.scanner
Date: 1994-09-08 13:55:11 UTC
From: al crowle <al.crowle@nt.com>
Message-ID: <34n53v$r83@nrtphaa9.nt.com>
Source record: 269244

I've got a PRO-34 and am very happy with it, although I was chapped when the PRO-37 with hyperscan came out 2 weeks after I bought it. Does anyone have the 34 service manual or schematic I could get? I would like to mod the scan speed if possible and lower the key beep volume when using headphones (Ouch, it hurts!)
al.crowle@nt.com

1887. 2006 and discone antenna

Newsgroup: rec.radio.scanner
Date: 1994-09-08 14:37:34 UTC
From: willi087@maroon.tc.umn.edu
Message-ID: <willi087-0809941437340001@dialup-1-79.gw.umn.edu>
Source record: 269245

I live on the top floor of condo bldg that won't allow outside antennas of any kind. I have a 3 season (joke in Minnesota) porch. Would I materially increase performance with a Radio Shack 20-013 discone antenna in this enclosed porch? Also, I have noticed many cellular auto phones with antenna mounted on back glass with wireless connection to the inside. I have a problem getting coax thru the wall but have large glass patio door. Could I use this to get signal thru and still enjoy reasonable use of the discone? Lindy Williams

1888. Re: Pro 39 Mod

Newsgroup: rec.radio.scanner
Date: 1994-09-08 15:26:41 UTC
From: dlblac@ccmail.monsanto.com
Message-ID: <1994Sep8.132422.28212@tin.monsanto.com>
Source record: 269246

In article <1994Sep7.195446.8038@tin.monsanto.com>,
<dlblac@ccmail.monsanto.com> writes:
> Newsgroups: rec.radio.scanner
> Path: monsanto.com!news
> From: dlblac@ccmail.monsanto.com
> Subject: Pro 39 Mod
> Content-Type: TEXT/PLAIN; charset=US-ASCII
> Message-ID: <1994Sep7.195446.8038@tin.monsanto.com>
> Sender: news@tin.monsanto.com (USENET News System)
> Organization: Monsanto Company
> Mime-Version: 1.0
> Date: Wed, 7 Sep 1994 21:55:37 GMT
>
>
> Does anyone know if there is a modification for the Pro 39 (like the Pro 43)
to
> unblock the blocked 800mhz range? Thanks in advacne for any ideas.
>
> David Black

I think I have found the answer to my own question. Many mods are available
from oak.oakland.edu.

David

1889. Re: PRO-34 scan rate and beep

Newsgroup: rec.radio.scanner
Date: 1994-09-08 15:38:48 UTC
From: horak@convex.com
Message-ID: <34nb68$d1c@eugene.convex.com>
Source record: 269247

In <34n53v$r83@nrtphaa9.nt.com> al crowle <al.crowle@nt.com> writes:

>I've got a PRO-34 and am very happy with it, although I was chapped when
>the PRO-37 with hyperscan came out 2 weeks after I bought it. Does
>anyone have the 34 service manual or schematic I could get? I would like
>to mod the scan speed if possible and lower the key beep volume when
>using headphones (Ouch, it hurts!)
>al.crowle@nt.com

Here is my experience with the 34. I never did disable the beep but you
may find the other mods interesting, including the scan speed mod.....

Pro34 Mods

Remove the four screws from the back of the unit, then remove the
batteries. Gently remove the back cover from the unit. You will need
to de-solder the antenna from the top board. Then remove the nuts
holding the squelch and volume pots. There may be a wire at the other
end of the top board to de-solder, which I think is mainly for
grounding purposes. Then, there are four hex screws holding the top
board on. Remove these and carefully wiggle the top board loose from
the bottom. I say wiggle because there is a multi pin connector to
unhook. Once unplugged, slide it out horizontally so that the volume
and squelch pots slide out with the board. Then there are three screws
to remove to lift the metal shielding from the bottom board. Once you
have the bottom board in plain view, you should see D9, D10, D11 and
D12 on one side of the board. Cut one lead of D11 and seperate the
leads so they dont touch. This removes D11 from the circuit and adds
the 800 mhz cellular phone bands to your scanner. It is a hassle to get
to D11, but the added frequencies are worth it in my opinion. Of
course, LISTENING TO CELLULAR PHONE CALLS IS ILLEGAL! There are other
mods that do various things to the diodes but these mods are of little
value. One, for instance, adds the 66-88 Mhz band but it also removes
the 30-54 Mhz band at the same time. In addition, many units won't
even pick up anything in the 66-88 band without major realignment. I
know mine won't! There is one other mod that's worth doing. I can't
remember the part designation, but there is a ceramic 2 Mhz crystal on
the logic board (probably blue in color), near the main CPU You can
replace it with a 3.4, 3.55 or similar value for increased scanning
speed. If you go over 4 Mhz, your CPU *may* not be able to maintain its
integrity. If you use a normal crystal, you'll have to bend the leads
over and lay the crystal flat over a nearby chip. It will fit though
and it works! Make sure the crystal leads and the crystal body are
insulated from touching any other circuits. If you use the two second
delay, it will be affected by the crystal. The delay time will be

reduced by increasing the crystal frequency. When you put the unit back together, make sure the key lock switch is intact. Mine fell out and I didn't notice it was missing until I had everything back together. Also, don't get the antenna connection too awful hot. There is a surface mount cap near the underside that will fall off if you apply too much heat. This is the input cap from the antenna. You'll notice decreased signal strength after you put it all together again. It can be a real bear trying to put surface mounted parts back on the board!! Trust me ;-)

Have fun. If you really screw up your radio, it's NOT MY FAULT !!!!!!
David Horak N5OFQ

1890. Re: diff. between pro2006 and 2006a?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 15:43:50 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-080994084508@earl.llnl.gov>
Source record: 269248

In article <1994Sep8.013655.10673@afit.af.mil>, frankjm@sd2.af.mil (JAMES M. FRANK) wrote:
>
> Is there a difference between the pro-2006 and
> the pro2006A? If so, what?

The 2006 has a backlight dimmer switch and the 2006A has a backlight ON/OFF switch.
>
> also if you buy one of these now,are they modifiable?

Yes, all 2006's are modifiable.

> Someone at radio shack said they sent some back
> to make them unmodifiable even though they
> had an early date on them, is this true and how
> can you tell?

Not true.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

1891. Re: Yupiteru MVT-5000 manual needed

Newsgroup: rec.radio.scanner
Date: 1994-09-08 15:51:08 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <779039468snz@javiaton.demon.co.uk>
Source record: 269249

In article <1994Sep7.142933.1@ugcmu>
burrus@cmu.unige.ch "Christophe Burrus, LABTEX, CMU, Geneva" writes:

> I have a YUPITERU MVT - 5000 multi band receiver but no manual.
>
> I would be very happy if someone can make a copy of his manual and
> send me by paper-mail, fax or e-mail.
> Please contact me before by e-mail.
> Manual language must be english or german or french or italian BUT
> not in Japanese.
>
> Mods possibilities are also welcome !
>

Hi,

E-Mail me your postal address and I'll send one out to you if you
would like.

No mods that I know of for the set except although you can remove the
"beep" each time you press a key.

--
Cheers, I'll have a Taylors Landlord please.....
JC
/--\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
\--/

1892. Re: aor ar-8000

Newsgroup: rec.radio.scanner
Date: 1994-09-08 15:55:54 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <779039754snz@javiaton.demon.co.uk>
Source record: 269250

In article <090294223911Rnf0.78@prins.xs4all.nl>
ronald@prins.xs4all.nl "Ronald Prins" writes:

> I'm interested in the new aor receiver ar-8000. Can someone compare
> this scanner with a yupiteru 7100 or aor 3000a. I'm not interested in
> SSB, and < 30 MHz stuff. I already know all the great things it can
> do, just want to know if there are intermod/overload problems..external antenna
> etc.

In terms of senstaivity both the AR8000 & Yupiteru are very
similar, if anything at UHF frequencies the Yupiteru was a little
better. Initially the very first AR8000's were nowhere near as
good on HF/SSB as the Yupiteru, in later production a few design &
component changes were implemented which improved the performance
on SSB to somewhere near that of the AR8000.

The AR800 though seems to be considerable "cleaner" with regard to
imtermod.

I also find that the audio on the Yupiteru is "better" than the
AOR - this though can be rather subjective to personal preferences.

On the next deliveries there should also be a factory fitted mod
to stop the CPU crashes that happened on earlier models.

> Thanks!
> BTW How much do you have to pay for it in the US?
>
> Ronald Prins.

--
Cheers, I'll have a Taylors Landlord please.....
JC
/--\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
\--/

1893. Re: faster 2006 scanning?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 16:11:52 UTC
From: schuh@phys.unca.edu
Message-ID: <34nd48$cm9@balsam.unca.edu>
Source record: 269252

Todd Wilburn (toddw@hebron.connected.com) once wrote:
: Shawn4sk1 (shawn4sk1@aol.com) wrote:
: : I know which diode and I know its effect in general but SPECIFICALLY- If I
: : do get cut the diode and get the 2006 to scan faster, a)how much faster
: : will it scan? b)will the speed button still offer a faster/slower option?
: : and c)will it possibly cause me to lose alot of freqs I might otherwise
: : catch, etc?

: I have the 2006 and I did not do the speed mod for those specific reasons.
: As I recall it only gives you about 16% speed increase. and it is a
: diode that you cut. Not sure which one.

If you don't mind doing a little more surgery that involves drilling
some holes into the case, you can put micro-switches on the case, so that
you can turn the high-speed scanning fix on and off. (You could do this with
the Cell fix too.... but I don't see any reason why... to the best of my
knowledge, there is no decrease in performance.)

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

1894. PRO-43...

Newsgroup: rec.radio.scanner
Date: 1994-09-08 16:14:29 UTC
From: domonkos@access.digex.net
Message-ID: <DNqRkiubGoGF066yn@access.digex.net>
Source record: 269253

The local RS has Pro-43 with mfr date 3A4 and an A prefix in the serial number. Has anyone modified this series unit (especially w/the A in the serial number)? Thanks...

Andy

1895. Need BGN Racing Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-08 17:41:01 UTC
From: jss@etbsun.larc.nasa.gov
Message-ID: <34nibd$p7m@reznor.larc.nasa.gov>
Source record: 269254

If someone has a list of freqs. for the Busch Grand National series race in Richmond Va. friday night, Please E-Mail them to me. I would greatly appreciate it.

Happy Scanning;
Jim Smith

********** I was lined up for glory but the tickets
** Jim Smith - PCB designer ** sold out in advance. - Neil Peart
** jss@longstreet.larc.nasa.gov ** Let's get naked and form a conga line.
********** - J. Buffett

1896. Mods for PRO-2021

Newsgroup: rec.radio.scanner
Date: 1994-09-08 17:45:57 UTC
From: lui@netcom.com
Message-ID: <luiCvto0L.G84@netcom.com>
Source record: 269262
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I found a couple of mods for the PRO-2021 on oak.oakland.edu. Has anyone successfully tried these? Does anyone know what magazines (i.e. Monitoring Times) has mods for the PRO-2021 (also year, and month of the issue). I can go to the local libary and look up the original article.

Stephen

p.s. If I wanted to buy a new handheld scanner for around $200, which ones should I consider?

1897. Test mode for BC 220?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 17:49:17 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.779046557@vela.acs.oakland.edu>
Source record: 269255

Can anyone tell me how to get the BC 220 into test mode,and what does
the test mode do?

Thanks inadvance,NCS

1898. PRO-2021 Family Lineage

Newsgroup: rec.radio.scanner
Date: 1994-09-08 17:58:02 UTC
From: lui@netcom.com
Message-ID: <luiCvtoKq.HFF@netcom.com>
Source record: 269256

Does anyone know how the PRO-2021 fits into the RS scanner line and what other units it is related to? I'm especially interested if the PRO-2021 is a PRO-XXXX with the 800 MHz band disabled. For instance, if a PRO-XXXX has 800 MHz and is related to a PRO-2021, I can compare the two units and see what is different to see if I can re-enable 800 MHz.

I'm trying to see if I can get any more mileage out of my PRO-2021 before investing in a new unit.

Stephen

1899. Air Show Frequencies Wanted !!

Newsgroup: rec.radio.scanner
Date: 1994-09-08 18:15:09 UTC
From: ieeelib@cc.memphis.edu
Message-ID: <1994Sep8.131509.23946@msuvx1.memphis.edu>
Source record: 269257

Hi,
I want to know if someone has common air show frequencies. We are having a airshow here in Memphis this weekend with Blue Angles and a some others performing.

If you do have some please e-mail them to me.

Thanks in Advance.

Suresh

___ ___ _____ Suresh Kagoo, Network Engineer, HealthSphere of America Inc.
| |__| | / ____\ / \ 5135 Covington Way #4| Domain: IEEELIB@MSUVX1.MEMPHIS.EDU
| __ | ____ \ / - \ Memphis, TN 38134 | AMPR : n9gsa@gate.n9gsa.ampr.org
|_| |_| _____/ /_/ _\ 1-800-532-3107 | AX.25 : N9GSA@W4BS.#WESTN.TN.USA

1900. Re: FT-411E

Newsgroup: rec.radio.scanner
Date: 1994-09-08 18:56:18 UTC
From: DPalmer@ix.netcom.com
Message-ID: <34nmoi$nmq@ixnews1.ix.netcom.com>
Source record: 269259

In <1994Sep7.200818.1736@msus1.msus.edu> hoffj@msus1.moorhead.msus.edu (Jerad Hoff) writes:

>
>
>I have a ham radio, Yaesu F-411E. I bought it from a guy, and he showed me
>how it scanned police frequencies. I brought it home, and reset the unit
>so I could program in repeaters and police frequencies. Now I can't get it
>to enter police freq's. Does anyone have experience with this unit? Sorry
>if this is off topic, but I don't read the ham areas. (couldn't get there
>if I tried. Can't figure this internet thing out yet.)
>
>Thanks
>
>Jerad
>hoffj@mhd1.moorhead.msus.edu
>
>

Hmm. I have a Modification book that describes moving some jumpers, then resetting the radio, then entering a code.
After resetting the microprocessor, (hold [MR] & [VFO], turn on and off, hold up & down keys and turn on) enter the following:
1200 [VFO] 1740 [VFO] 1400 [VFO] 1740 [VFO]
the book also says to press [Function] & [7] to change channel step.

The range should be 120-174MHz Receive, 140-174MHz Transmit

Good luck!

--

David Palmer DPalmer@ix.netcom.com
Monterey, California 4108@mgs.com
MPTV Cable, Western Communications

1901. Re: !SECRET Lat-Long of airport?!?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 18:57:16 UTC
From: rstarr@ppg01.sc.hp.com
Message-ID: <34nmqc$esu@hpscit.sc.hp.com>
Source record: 269260
Cross-posted to: rec.aviation.misc,rec.radio.scanner

Jim Prall (jimp@trigraph.uucp) wrote:
: In <l3vPkiubGo8B066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:

: >I guess it's their butt-headed mentality. I called a local Maryland control
>tower to get their long/lat positions for a flight simulation scenari

And don't forget the gov't published Airport and Facilities directory;
includes Lat/Lon for all airports.

1902. Re: Stanford University Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-08 19:14:25 UTC
From: DPalmer@ix.netcom.com
Message-ID: <34nnqh$o5c@ixnews1.ix.netcom.com>
Source record: 269261

In <rudyw-0809940010080001@tip-mp4-ncs-7.stanford.edu> rudyw@sherlock.stanford.edu (Rudy A. Willis) writes:

>
>Could anyone who might have a set of freqs for Stanford lying around
>please E-Mail them to me... I've just started a job out here and would
>like to listen in on the action while I work. I'd be particularly
>interested in the "Stanford One" helicopter frequency (she flies overhead
>at least twice a day) but would graciously accept any frequencies
>(security, police, fire, etc.)
>
>Thanks a million. E-Mail to "rudyw@sherlock.stanford.edu" is preferred.
>
>Rudy A. Willis
>

Some Stanford frequencies from the book Monitor America:

Athletics parking 151.625
Athletics safety 151.685
Athletics 151.745
Athletics 151.955
Athletics 151.865
Equipment 151.895
? 155.160
? 464.250
Maintenance 464.275
Utilities 464.675
? 483.6875
Police 484.6125
Police Secondary 482.8125
Police Tactical 483.3375
--

David Palmer DPalmer@ix.netcom.com
Monterey, California 4108@mgs.com
MPTV Cable, Western Communications

1903. Bought PRO-2028

Newsgroup: rec.radio.scanner
Date: 1994-09-08 20:00:18 UTC
From: mturner@hou.amoco.com
Message-ID: <34nqgi$h7c@tivoli.tivoli.com>
Source record: 269263

I recently bought a PRO-2028 from Rat Shack for $79 and was wondering
if anyone could give me some feedback on this model? Is it a reasonable
first scanner or should I try some other model? I have 30 days to decide if
I want to keep it. My understanding is that it is made by uniden, does anyone
know what the uniden model number is?

It scans up to 512 and can store 50 channels, are there any "mods" that apply to
this scanner?

Any information would be great!

Thanks,
Mike Turner
mturner@tivoli.com

1904. area 514

Newsgroup: rec.radio.scanner
Date: 1994-09-08 20:24:55 UTC
From: bk@nyongwa.montreal.qc.ca
Message-ID: <CvtvDK.4Bn@nyongwa.montreal.qc.ca>
Source record: 269264

hello amators fanz

i am lookin for some freq in the 514 (montreal,pq) area
if anyone got some, or a list please reply me immediatly or as
s00n as possible...

if you need freq anywhere in canada... ask me... ciao

bk

1905. Re: McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-08 20:37:13 UTC
From: jkronz@pts.mot.com
Message-ID: <Cvtvy2.GD9@pts.mot.com>
Source record: 269266

```
: >Thanks, yeah, I have those 150's freqs- can't get a thing... someone told
: >me last night that they heard McD's in the 800 band- is there a place
: >allocated by the FCC in the 800 band that McD's could possibly use? I
: >wouldn't think so, and I didn't find anything there either... well, at
: >least not McD's... :-)

: >Shawn4SK1

Shawn try between 30-36 MHZ... I find them there alot.

-
These Are MY opinions and do not reflect those of Motorola Inc.
--------------------------------------------------------------------------------
Jason Kronz |
jkronz@pts.mot.com | (This space intentionally left blank)
N9OFN |
Cyber-Pilot (VFR only) |
```

1906. Bearcat BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-09-08 20:48:12 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779085754@f747.n115.z1>
Source record: 269267

-=> Quoting Claude Alan Cartee to All <=-

CAC> I was thinking about getting a Bearcat 2500XLT scanner for use at
CAC> airshows and listening into 220-400Mhz range. I haven't see nmuch
CAC> traffic go by about this unit. Any experiences good or bad?

Hi, Claude...It's good and bad, depending on where you live. If you live in a metro area, the radio will be plagued by intermod. They have since improved the unit since last year, when the unit was plagued with battery problems and intermod problems beyond the norm of other units.

It is an excellent unit to consider. 100 cps search rate, auto search and store, 10 priority channels, 400 channel memory, hit counter, and covers the band you are looking for.

Best thing to do is find a place that has a good return policy and try it out. If you don't like it, you can always try for the Pro 43. While alot of the features above are not included, it is also worthy of consideration.

Good luck...Jerry

1907. Bearcat/PRO mods via touch pad

Newsgroup: rec.radio.scanner
Date: 1994-09-08 20:50:50 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779085755@f747.n115.z1>
Source record: 269268

-=> Quoting McIAS to All <=-

Mc> From: mcias@aol.com (McIAS)
Mc>
Mc> Hi, is their any one out their with a way of restoring Freq's on The
Mc> Bearcat & or Pro lines of Scanners via Touch Pads & could you please
Mc> send them my way I would greatly appreciate it. McIAS @ AOL.COM

Mc> -!- IFmail v.2.2
Mc> ! Origin: America Online, Inc. (1-800-827-6364) (1:115/511@fidonet)

This works on '51, '46, '23, 2026. Some of these modes work on the 220,
150 units by Uniden. From CompuServe Hamnet.

Subj: PRO-51 cellular trick Section: VHF/UHF Scanning
From: Howard Bornstein 76174,637 # 273839, 1 Reply
To: All Date: 02-Jun-94 05:47

There is an interesting test mode in the PRO-51 that, combined with the
direct search feature of the scanner, lets you pick up out-of-band
frequencies. You will have full access to the 66-88 Mhz ranges as well as
the cellular base range of 869-896 Mhz.

Actually, there are several test modes in the PRO-51 (most of these
comments should be true for any Uniden-made Radio Shack scanner, such as
the PRO-46). I'll describe them first and then how to take advantage of
one of them to get the restricted frequencies.

There are three data test modes. These modes completely destroy any
frequencies you had programmed into your scanner, so it's best to use
these techniques before you program your scanner. If you have already
programmed it, you'll have to decide if these new capabilities are worth
reprogramming.

Test mode 0. Clear the scanner.

A well-known method of clearing the scanner to all zeros is to hold down
the 2 key, the 9 key, and turn on the scanner. All frequencies will be
lost.

TEST MODE 1. Fill channels 1-25 with test frequencies.

Press the 2 key, the 9 key, the L/Out key, and turn on the scanner.

This fills channels 1-25 with these frequencies:

1 30.050
2 40.840

3 49.900
4 138.150
5 162.400
6 173.225
7 406.875
8 453.250
9 511.9125
10 108.500
11 118.800
12 127.175
13 135.500
14 66.450*
15 76.825*
16 87.425*
17 157.800
18 482.3625
19 29.000
20 54.000
21 806.000
22 857.200
23 888.96*
24 911.500
25 954.9125

* indicates not within the PRO-51's normal coverage. More on how to use these in a minute.

TEST MODE 2. Fill channels 1-17 with test frequencies.

Press 2, 9, Manual

Fills channels 1-17 with these frequencies:

30.00, 40.00, 50.00, 140.00, 155.00, 170.00, 410.00, 460.00, 510.00,
54.00,
109.00, 118.00, 127.00, 135.00, 810.00, 860.00, 950.00.

There is also a display diagnotic mode.

Display Test Mode.

Press 2, 9, Band or 2, 9, Moni.

This put the display in test mode. Every annunciator and every digit element is turned on in a scan from the left side of the display to the right. To keep this test mode continuous, release the buttons before the first scan finishes. This mode does not affect stored memory. Press any key to exit this display mode.

Now, if you've decided to try test mode 1, you will find several out-of-band frequencies stored in your memory channels. Channels 14-16 hold frequencies in the blocked out 66-88 Mhz range, and channel 23 holds a frequency in the blocked out cellular base range. Once you have these

frequencies stored in a memory channel, the PRO-51's direct search feature will let you search though these ranges. In the cellular band, the scanner searches in the correct 30 Khz steps.

You don't have to keep these frequencies in these channels. You can move them to any channel in the scanner. First move them to a monitor channel.

While on a channel with one of these frequencies, open squelch completely. Press direct search button, either up or down. The direct search button puts the scanner into search mode and the open squelch holds the frequency. Then press the Monitor button. The frequency is now in the monitor channel indicated in the display.

Now you can move it to any regular memory channel in the scanner.

Enter the channel number
Press PROG
Press Monitor
Press the number of the monitor channel if the proper channel is not displayed
Press E(nter)

The frequency is now permanently stored in the memory channel. You can do a direct search from this memory channel at any time.

The 66-88 Mhz range mainly covers TV audio. However, there is a strange phenomenon concerning TV audio and the PRO-51. Channels 4, 5, and 6 audio fall within the 66-88 Mhz range, yet the PRO-51 will not pick up the audio frequency while searching in this range. However, TV channel 2 audio is at 59.75 Mhz. When you add the intermediate frequency of 21.6 Mhz, you get an image of the TV channel 2 audio appearing at 81.35 Mhz. This does come in, although raspy, since the PRO-51 is receiving in narrow FM mode while TV audio requires wide band FM mode for proper reception.

I'd be interested in anyone can verify that any of these test modes work on the PRO-46 or any other Uniden-made Radio Shack scanner.

Howard

Jerry

1908. Best Scanner?? RS 2006 or what??

Newsgroup: rec.radio.scanner
Date: 1994-09-08 20:51:27 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779085756@f747.n115.z1>
Source record: 269269

-=> Quoting Herb Rosenberg to All <=-

2006...go for it!!

Jerry

1909. Bought a BC8500XLT...mistake?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 20:58:28 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779085757@f747.n115.z1>
Source record: 269270

-=> Quoting Nat Francis to All <=-

NF> I'm new to scanning. I recently bought an BC8500XLT for $350. I
NF> reasoned that it was Uniden's best scanner, and had the added benefit
NF> of an alphanumeric display (can program in a name for the freq
NF> display; e.g., Dallas Police).
NF>
NF> 1. Was this a mistake? Are there flaws in the design of this model?
NF> Is this model now discontinued?

This model is being discontinued. There should be a 9000 to replace it.
Whether it was a mistake to purchase the unit is up to you. There were
lots of flaws in early production models. Word has it alot of these flaws
were corrected. The only thing strange about the unit is that
alpha-numeric displays can only be used on the first 250 channels.

NF> 2. The technical specs in the manual are lousy. Anyone
NF> have info such as receiver sensitivity, etc.?

Uniden has always been privvy about the specs of their receivers.
Shouldn't be a whole lot of difference. Typically, Uniden receivers have
always been more sensitive than RS GRE made receivers.

NF> 3. I'm not particulary interested in cellular coverage, but...is there
NF> a way to modify this model for continuous 800 mhz coverage? I am
NF> picking up cellular in the 1268 - 1280 mhz range. These are images,
NF> right?
Yes, you are receiving images of cellular. And no, there is no hardware
mod for this unit.

NF>4. Without an alphanumeric display on scanners with 500 to 1,000
NF> channels, how in the world does someone remember what all of those
NF> channels are assigned to?
Most of us have been scanning so long, we just know what the freqs are.
<g>

NF>5.I can't program an alphanumeric display to
NF> the channels above bank J (251 - 500). Am I doing something wrong, or
NF> is this a limitation? The manual doesn't say anything about this
NF> limitation, and the ad pictures for this model clearly show an
NF> alphnumeric display on channel 500.
Answered in question number 1. Yeah, it was a little funny having
channel 500 w/ alpha displayed in it.

NF> Any help would be appreciated. Thanks.

Your welcome, Nat...Jerry

1910. REQUEST: TransAm Race Car frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-08 21:04:04 UTC
From: rfunk@ssr.hp.com
Message-ID: <34nu84$k1m@hpscit.sc.hp.com>
Source record: 269271

Does any one have a list of Scanner Frequencies used by the drivers
in the TransAm Race Car Series??

1911. DePaul University Security freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-08 21:09:53 UTC
From: cravitma@interaccess
Message-ID: <34nuj1$r4f@nntp.interaccess.com>
Source record: 269272

Does anyone have the radio frequencies used by the DePaul University security people? If so, I would appreciate it if you could e-mail them to me.

Thanks
/Matthew

--
Matthew Cravit | "A child of five could solve
DePaul University | this problem...quick, fetch
Chicago, IL 60614 | me a child of five!"
E-Mail: cravitma@interaccess.com |

1912. stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-08 21:25:08 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779085758@f747.n115.z1>
Source record: 269273

-=> Quoting Steven Jackson to All <=-

SJ> From: jackson@longlast.cs.nyu.edu (Steven Jackson)
SJ>
SJ> Monday, September 4. Radio Shack.. Princeton, NJ
<edited for brevity>

SJ> [I write out the check and write my license number down without
SJ> even looking since my license address is far away from the Princeton
SJ> address on my checks]
SJ> H: Do you have your license number memorized or something?
SJ> M: Yup.
SJ> H: Sheesh.

Ha, ha.

Jerry

1913. Re: !SECRET Lat-Long of airport?!?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 21:28:20 UTC
From: tnorris@ulibnet.mtsu.edu
Message-ID: <34nvlk$ai@isdnlin.mtsu.edu>
Source record: 269274
Cross-posted to: rec.aviation.misc,rec.radio.scanner

In <1994Sep7.211306.18496@trigraph.uucp> jimp@trigraph.uucp (Jim Prall) writes:

>In <l3vPkiubGo8B066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:

>>I guess it's their butt-headed mentality. I called a local Maryland control
>>tower to get their long/lat positions for a flight simulation scenario
>>I was developing and they refused to give it out (like anyone couldn't
>>drive over there w/a GPS unit in-hand). Perhaps it's paranoia, who knows....

>Or read a map! Sheesh! Probably ex-military. [<:-)

>Maybe they just have orders not to be helpful over the phone.
>In Canada, the Canada Flight Supplement (like the AFD) includes
>Lat-Long for every airport and navaid right in the listings.
>And veterans of rec.aviation will recall that the FAA publishes
>the entire database of airport, navaid, and intersection co-ords.
>in computer tape format at a price to cover tape handling only.
>They even once gave permission to post those files for FTP!
>So it can't be all THAT secret!

GEESH! Tennessee Department of Transportation puts out a guide
to Tennessee Airports, covers some of the smallerr dirt strips,
and all the commercial airports. Includes such TOP SECRET stuff
as Lat/Long, FSS freqs, etc. I think it's free. Most states should
have such a guide available to pilots, or even (GASP!) non-pilots
for just a small fee....

Tom

---

insert witty .sig here

1914. Re: Uniden 8500XLT Discontinued?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 21:32:27 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779085759@f747.n115.z1>
Source record: 269025

-=> Quoting McIAS to All <=-

Mc> From: mcias@aol.com (McIAS)
Mc>
Mc> In article <9M9CkiubG66A066yn@access.digex.net>,
Mc> domonkos@access.digex.net (Andy Domonkos) writes:
Mc>
Mc> Yes, I was told the same thing. So I bought the 890xlt. I then this
Mc> month bought an 8500 from TUCKER electronics of Texas and did a side by
Mc> side. the 890 killed the 8500 in reception. I think Grove has the
Mc> inside track on information but doesnt want to hurt their relations
Mc> with BearCat. McIAS @ AOL.com

Grove did a review on the 8500 in Nov. 1993 issue of Monitoring Times. They did a trashing of the performance of this feature oriented unit. They did have some implied optimism, though. MT quote..."But even though a dealer reports 1/3 of the scanners are being returned by dissatisfied customers, that means that the majority (2/3) are satisfied."

Grove even had a discussion with Uniden engineers about the problems with the 2500 and the 8500. They have led to some improvements of each of the units. Whether they have helped is unknown as there are not many postings on either of these two units. Word has it from a user on CompuServe (yes, that 'other' on line service) purchased a 2500 when it first came out, then sold it. He bought another one that was manufactured in Dec. 1993. He loves the unit. So apparently, this one was cleaned up quite a bit. And believe me, this said user is very finicky on performance. <g>

TTYL...Jerry

1915. what pro-46 modifivation?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 21:33:26 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779085760@f747.n115.z1>
Source record: 269026

-=> Quoting lkf104@psu.edu to All <=-

lk> From: lkf104@psu.edu
lk>
lk> so i can enable the missing 800 MHz freqs in my pro-46? how?

Product: Realistic PRO-46 by Radio Shack
Purpose: Restoration of full 800 Mhz coverage

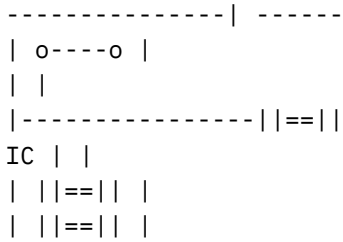
The modification of this unit is from the May, 1993 issue of
Monitoring Times, published by Grove Enterprises.

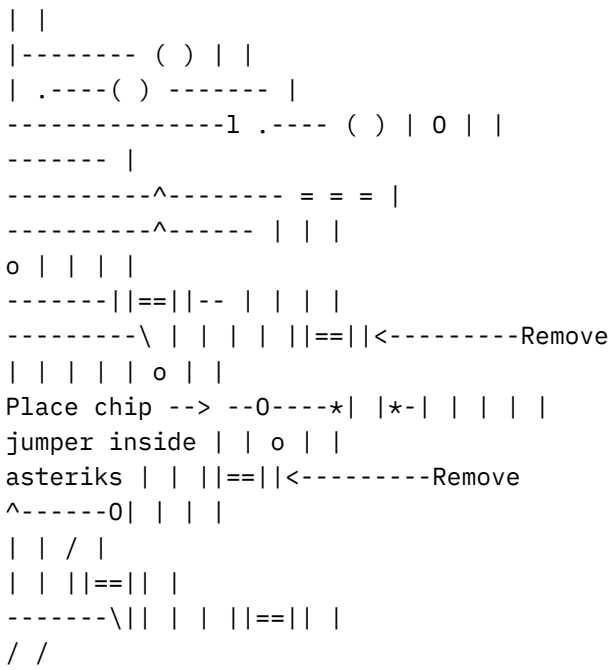
** Disclaimer: All modifications are done at your own risk. This
product uses surface mount components which can be easily damaged.
Do not perform this modification if you are not experienced with
this type of circuitry. This will void the warranty of your scanner.

** Listening to certain portions of the 800 Mhz band is prohibitted
by United States law.

Modification of PRO-46 for full 800 Mhz coverage with 30 Khz stepping
available.

1. Remove the battery pack, battery door and antenna.
2. Remove the four black screws from the back of the radio, then
push upward on the bottom of the rear of the case, carefully
swinging it upward and removing it.
3. Carefully insert a small screwdriver between the two boards
next to the interconnect plug in the lower right corner. Gently
pry the top board up to separate it and set it aside.
4. Unsolder the copper-coated plastic shield from the microprocessor
and set it aside. ** CAUTION!! Too much heat will damage the
shield. **
5. Locate the two chip jumpers imprinted with "0". Carefully unsolder
and remove both.
6. Solder one chip jumper across the two upper most unused solder
pads. (Soldering a jumper across the lower two pads changes the
30-50 Mhz band to 68-88 Mhz.)
7. Reverse steps 1-4. The modification is completed.





Jerry

1916. Yupiteru 7100 users

Newsgroup: rec.radio.scanner
Date: 1994-09-08 21:34:32 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779085761@f747.n115.z1>
Source record: 269027

-=> Quoting John Nice to All <=-

JN> From: jnice@gwhb486.demon.co.uk (John Nice)
JN> Reply-To: jnice@gwhb486.demon.co.uk
JN>
JN> New buyer would welcome mail from users, esp. problems/fixes, etc.

If you have access to CompuServe, go to the Hamnet VHF/UHF scanning
section. Several users of Yupi's there.

Jerry

1917. Anything better than "Police Call"?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 22:04:57 UTC
From: gesman@io.org
Message-ID: <34o1q9$kli@ionews.io.org>
Source record: 269028

I've recently travelled between Connecticut and NY and picked up a
Police Call from local RS. What a waste of money! It either had a small
number of frequencies for the areas I've been in or none at all.
Plus the book printed on shittiest paper I've ever seen.
Knowing approximate freq. plans I found A LOT of freq. not
listed in P.C., including 2 bugs in a hotel where I was
staying (what a surprise!).
Anyone knows better frequency reference for CT? RS salesperson wasn't
of much help as usial.

--
Gleb Esman.

1918. Re: Need BGN Racing Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-08 22:12:01 UTC
From: smacken@aol.com
Message-ID: <34o27h$b1e@search01.news.aol.com>
Source record: 269029

Jim,

I can't attach a list of all of the BGN guys. but If you send a request for a few of them tonight i will check in later and send them to you.

As I said i will have to compose them off-line for you so give me a 1/2 dozen or so and i'll send them along.

Too bad you hadn't posted a couple days ago. I would have typed the whole thing.

Enjoy the race. Maybe I'll run into you sometime at the track.

steve

ps; if you are not leaving till tomorrow night I will do this at work for you tomorrow and e-mail it to you.

1919. Bearcat 200xlt Battery Packs

Newsgroup: rec.radio.scanner
Date: 1994-09-08 22:20:54 UTC
From: dsteeves@bud.peinet.pe.ca
Message-ID: <34nv7m$smh@bud.peinet.pe.ca>
Source record: 269030

I have a Bearcat 200xlt with the portable battery pack and looking for info
mation on replacement packs also if you can reactivate them yourself with
minor repair. I would appreciate any information you might have also I would
a
dsteeves@bud.peinet.pe.ca
dsThanks so much

1920. Re: NC police acronym 'NCIC'?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 22:29:46 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cvu15M.Erp@freenet.carleton.ca>
Source record: 269031

In a previous article, tharrell@nmsu.edu (Thomas J. Harrell) says:

>Darrell A. Larose (ad607@FreeNet.Carleton.CA) wrote:
>
>: Up here in Canada we have CPIC run by the R.C.M.P.
>
>: Canadian Police Information Computer, we often will run NCIC checks
>: on vehicles with USA licence plates. Our City police force has MDT
>: (Mobile Data Terminals) in every car, but NCIC checks have to be
>: run through a limited access modem connection to the FBI. Hope this
>: clears some things up.
>
>So the RCMPs use MDTs for CPIC and for USA, NCIC via FBI? :)

Not exactly... The Ottawa Police (as do most of our urban Police forces)
have MDT's in the cars. The RCMP doesn't seem to have the terminals in-
car (Problems with keys jamming with donut crumbs ;->). The National
data-base is maintained by the Mounties. NCIC checks are run via the
CPIC mainframe. The main reason the RCMP doesn't have MDT's (IMHO) is
the tasking that they have! Small communties in the north, VIP protection,
airport security etc... Most of the actual chasing of bad guys is done
by the city police, regional police etc...

10-4?

Officer D

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

1921. Re: Freq counter/scanner combo unit?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 22:59:27 UTC
From: ligosa@pipeline.com
Message-ID: <34o50f$r9d@pipe4.pipeline.com>
Source record: 269032

Hi Mike,,
Are you referring to thr r50 ?
BTW I have an AR8000, It's pretty kool. Are you considering
one?

Chris...

schuster@panix.com (Michael Schuster) wrote:

>
>In article <linleyCvsnvB.6DK@netcom.com>, Bruce James
>Robert Linley <linley@netcom.com> wrote:
>>Are there any scanners with a frequency counter built
>in? This would allow
>>one to automatically tune in to the nearest
>transmitter in the area. Do
>>such beasts exist or would Big Brother consider such a
>radio to be too
>>"dangerous"? I really don't see the addition of freq
>counter circuitry
>>adding too much to the bulk to the typical handheld
>scanner.
>
>Such a beast is under development. Expect to see it
>next year, priced at below $1000.
>
>
>--
>Mike Schuster | schuster@panix.com |
>70346.1745@CompuServe.COM ------------------- |
>schuster@shell.portal.com | GEnie: MSCHUSTER

1922. Scanners Removed at RS

Newsgroup: rec.radio.scanner
Date: 1994-09-08 23:32:33 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779085455@f747.n115.z1>
Source record: 269033

Hi, All...

Well, it looks like the ban debacle is continuing at Radio Shack.
Apparently, the FCC turned up the heat a little more and were able to get
the PRO-51 scanner removed from the shelves. This is in addition to the
PRO-23 and the PRO-46 that were removed last month. Here is another twist
that the FCC is pulling on Radio Shack...

This is from a fax sent to RS stores nationwide last Thursday:

BEWARE THE FCC ARE DISGUISING THEMSELVES AS CUSTOMERS IN ORDER TO TRY BUYING
THEM FROM OUR STORES. REMEMBER, THIS IS A CRIMINAL OFFENSE WITH AUTOMATIC
TERMINATION AND FINE. VIOLATION OF THIS POLICY REQUIRES YOU TO REPORT ANY SALES
OF THESE ITEMS TO YOUR DISTRICT MANAGER IMMEDIATELY!!

Jerry

...Please, don't shoot the messenger.

1923. Re: Bearcat 200xlt Battery Packs

Newsgroup: rec.radio.scanner
Date: 1994-09-08 23:44:11 UTC
From: smacken@aol.com
Message-ID: <34o7kb$cjc@search01.news.aol.com>
Source record: 269034

I've used a great source for a rebuild kit for the 200xlt battery pack.
They are;

Frequency Fan Club
and their number is 1-800-race-fan

The kit costs 9 bucks. not a bad deal at all.

The have begun advertising a new pack called the XLT-AA
for 33$ which you load yourself with the battery type of your choice.

This sounds like a great idea to me.

Give e'm a call.

Tell them mamber #14331 sent ya

steve

1924. Re: Wanted: DTMF Decoder

Newsgroup: rec.radio.scanner
Date: 1994-09-08 23:55:19 UTC
From: rxy5310@hertz.njit.edu
Message-ID: <1994Sep8.235519.23979@njitgw.njit.edu>
Source record: 269035
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Yes, I also downloaded the file. The program does not
run on my Soundblaster 16 bit ASP. Perhaps it runs on the
older 8-bit Soundblasters???
Perhaps a program could be
designed to decode the PAGER tones? I've heard that there
is a program that decodes Weather FAX. What frequency does that
run on?

--

Rolan Yang rxy5310@hertz.njit.edu
Electrical Engineering New Jersey Institute of Technology

1925. Re: Anything better than "Police Call"?

Newsgroup: rec.radio.scanner
Date: 1994-09-08 23:57:04 UTC
From: sds910@aol.com
Message-ID: <34o8cg$csj@search01.news.aol.com>
Source record: 269036

In article <34o1q9$kli@ionews.io.org>, gesman@io.org (Gleb Esman) writes:
>Anyone knows better frequency reference for CT? RS salesperson wasn't
>of much help as usial.

Try Scanner Master at 1-800-722-6701. They have an excellent series of
publications.

1926. Re: Cell phones????

Newsgroup: rec.radio.scanner
Date: 1994-09-09 00:03:59 UTC
From: dskidmo@halcyon.com
Message-ID: <34o8pf$333@news.halcyon.com>
Source record: 269037

In article <34ltcq$ms1@nic-nac.CSU.net>, g9153402@huey.csun.edu (Berton Corson) says:
>
>Marty Sharpe (sharpM@iac.honeywell.com) wrote:
>> Hi, I am a new reader of this group and would like to ask a (probably)
>> simple question.
>> Which make and model Cell Phone is hardest to "inadvertantly" overhear?
>> Please respond by posting.
>
<snip>
> cellphones only emit from
>.3 watt (cheapest hand-helds) to 4 watts max (car phones/transportables).
>So unless you're fairly close to the cellphone transmitting (from a couple
>blocks to a couple miles) your scanner may not pick up anything. I don't
>think it has as much to do with the model of the cellphone, as it does
>with the performance of it.
>

Are you looking for a cell phone that will protect your privacy? There may be some kind of encryption if you have the bucks and are willing to put up with the hassle. Otherwise, your best bet is any digital phone if that service is available in your area. (Though you have to be careful as they do switch to analog if they cannot get a digital channel.) It is probably still possible to listen in on digital phones, but it is way beyond the capability of the casual user. Digital encodes voice into digital bits and puts several simultaneous conversations on one channel. I understand that some areas do or will offer some encryption or privacy features in addition. The major downside is purchase cost--digital goes for $400 up with most in the $600 area, at least around here. On the other hand, air time rates tend to be lower because they use bandwidth more efficiently.

Hmmm.. wonder if one of those 'cell phone to scanner' conversions would work with digital??

Note that the key word is 'casual'--probably some folks in this newsgroup who have already 'inadvertantly' picked up some digital.

__ __ _ __ | dskidmo@halcyon.com
___/ /__ / /__ (_)__/ /_ _ ___ | dskidmo@eskimo.com
/ _ (_-</ '_// / _ / ' \/ _ \ | 73477.2130@compuserve.com
_,_/___/_/_\/_/_,_/_/_/_/_/___/ | Bellevue, Washington USA

1927. Re: PRO-43...

Newsgroup: rec.radio.scanner
Date: 1994-09-09 00:07:25 UTC
From: flarsen@uclink.berkeley.edu
Message-ID: <flarsen-080994160726@flarsen.berkeley.edu>
Source record: 269038

In article <DNqRkiubGoGF066yn@access.digex.net>, domonkos@access.digex.net (Andy Domonkos) wrote:

> The local RS has Pro-43 with mfr date 3A4 and an A prefix in the serial
> number. Has anyone modified this series unit (especially w/the A in the
> serial number)? Thanks...
>
> Andy

All reports sofar have indicated that units having serial numbers that start with the letter *A* are _NOT_ modifiable.

The FCC-ID on the radio probably also has an *A* at the end, indicating that this is the later, unmodifiable version.

-- Flemming Larsen flarsen@uclink.berkeley.edu

1928. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-09 00:20:00 UTC
From: flarsen@uclink.berkeley.edu
Message-ID: <flarsen-080994162000@flarsen.berkeley.edu>
Source record: 269039

In article <banister.87.00134E8D@lobby.ti.com>, banister@lobby.ti.com (Danny Banister) wrote:

> I bought a Silent Play and have been using it in my car for several
> days with my Pro-43 and it works fine. At $15 I couldn't resist
> having one to transmit to my headphones at home, but I quickly
> decided to try it out in the car, too!
>
> Danny
>

I read an earlier thread about the Silent Play device and thought it was a great idea. So, I went to my local Radio Shack on my way home from work yesterday and asked them about it.

They didn't know anything about it, didn't have anything in the store like it and never did.

Does anyone mave more information and/or leads on where I might be able to get one (or two)?

Thanks in advance.

-- Flemming Larsen flarsen@uclink.berkeley.edu

1929. RS PRO-2006, Speed & Cellular Mods

Newsgroup: rec.radio.scanner
Date: 1994-09-09 02:26:52 UTC
From: g9153402@huey.csun.edu
Message-ID: <34oh5c$ch3@nic-nac.CSU.net>
Source record: 269040

I just ordered a Radio Shack PRO-2006, as a second scanner, to mainly grandfather myself into a second decent cellular modifiable model, before supplies are exausted.
I understand the cellular mod, but I am confused about the scanning speed mod. The unit scans 26 frequencies per second, which isn't really that fast, when compared to scanners made today.
But on reading a file I ftp'd on the subject, the speed mod will only increase the speed 13%. So 26 x 1.13 would equal a 29.38 speed after the mod. Is it worth it? My concern is, doing that mod may degrade some other performance within the scanner. Anyone know of any problems, however small, this might do? I think there might be some.
My reasoning is, why would Radio Shack manufacture a diode, and have it installed in all these scanners, which did nothing but degrade the performance of the scanner? It just wouldn't make sense to me for Radio Shack to increase their cost of making this scanner, by putting in a diode that does nothing but degrade its performance. I see the need for the other diode (the cellular skip one to conform with a U.S. law) but none for this diode. Anyone know of any? As you see, I am concerned about cutting this diode too.

1930. Re: Wanted: DTMF Decoder

Newsgroup: rec.radio.scanner
Date: 1994-09-09 02:34:20 UTC
From: dhubba@access3.digex.net
Message-ID: <34ohjc$c6u@access3.digex.net>
Source record: 269041
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I posted the original article requesting a PC based DTMF decoder using a SoundBlaster compatible board. Since the posting I've heard from several people who downloaded 'dtmf101.exe' from oak.oakland.edu. Unfortunately, nobody seems to be able to get the thing to run. I left a message with the keeper of the archive at oak but he does not own a SoundBlaster board and has never run the program. Bottom line...looks like we're stuck.

1) has anyone successfully used dtmf101.exe?
2) anyone know of a program besides dtmf101.exe?

Thanks,

J.D. Hubbard

--
****
dhubba@access.digex.net
J. D. Hubbard
****

1931. Re: faster 2006 scanning?

Newsgroup: rec.radio.scanner
Date: 1994-09-09 03:45:58 UTC
From: DPalmer@ix.netcom.com
Message-ID: <34olpm$84s@ixnews1.ix.netcom.com>
Source record: 269043

In <34n3f8$t47@search01.news.aol.com> shawn4sk1@aol.com (Shawn4sk1) writes:

>
>I did do the mod and I'm very happy with it- I would have now idea how
>anyone without proper equiptment and alot of free time because they don't
>have a job could figure the percentage of speed increase- I've heard 16%,
>20%, 25%, etc... All I know (the "good" side! :-) is that it does scan
>so quickly, the last few digits aren't even readable anymore- I'd
>recommend it to anyone who hasn't done it yet.
>
>Also, one guy wrote and said he replaced his clock crystal with a faster
>one and improved CPU speed by a third, I believe he said, to make it even
>that much faster- that's my next "Let's VOID the warranty" project. :-)
>
>soliver@ozarks.sgcl.lib.mo.us
>
>(formerly Shawn4SK1@aol.ocm)
>

How's the DELAY rate? I thought that it would decrease the delay time,
so I have not had the guts to try it.
--

David Palmer DPalmer@ix.netcom.com
Monterey, California 4108@mgs.com
MPTV Cable, Western Communications

1932. Re: Anything better than "Police Call"?

Newsgroup: rec.radio.scanner
Date: 1994-09-09 04:19:07 UTC
From: shawn4sk1@aol.com
Message-ID: <34onnr$hud@search01.news.aol.com>
Source record: 269045

I posted to the group the other day about the Scanner Almanac collection by US Scanner Publications, 1-800-890-6999- well, I got one for Missouri- 207 pages, sectioned off by County- everything from Municipal stuff to McDonald's and even shows individual's freqs- pretty nice. Connecticut is $19.95, same as Missouri- prices vary by State so I imagine you'll end up with as many pages in yours as I did. It even shows a few maps and the cellular bands...

soliver@ozarks.sgcl.lib.mo.us

formerly shawn4sk1@aol.com

1933. Re: RS PRO-2006, Speed & Cellular Mods

Newsgroup: rec.radio.scanner
Date: 1994-09-09 04:25:08 UTC
From: shawn4sk1@aol.com
Message-ID: <34oo34$i1s@search01.news.aol.com>
Source record: 269046

I was in the same situation and asked the same questions 3 weeks or less ago- I sped mine up and I do notice a difference worth doing it for, especially when you've put just a few into a bank and locked out the rest- it _really_ helps when you're monitoring conversations back and forth between 2 channels... I've had no problems and it seems no else has that has done it either- as for RS not wanting to put out a faster scanner... the World may never know...

:-)

soliver@ozarks.sgcl.lib.mo.us

formerly shawn4sk1@aol.com

1934. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-09 04:40:54 UTC
From: dseitel@crl.com
Message-ID: <34op0m$qko@crl5.crl.com>
Source record: 269047

Flemming Larsen wrote:
> So, I went to my local Radio Shack on my way home...
> They didn't know anything about it, didn't have anything in
> the store like it and never did.

It's item number 270-1715. It is discontinued. It is in a box
that is 8" high, 5" wide and 2" deep. The box says "Video Game
Accessories" and "Silent Play" and "For Nintendo, Super Nintendo
and Genesis Systems". It has a picture on the front of a kid
no longer annoying the hell out of his mother.

They could be out, but the chain did carry them. I got two.
And it did help in finding them that I mentioned it was a
discontinued item. The sales person at RS confirmed, after
checking some database, that the item was, indeed, discontinued.

David S. Eitelbach
dseitel@crl.com

1935. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-09 04:41:45 UTC
From: crisp@netcom.com
Message-ID: <crispCvuIDM.FvJ@netcom.com>
Source record: 269048

In article <34kl5r$me8@eugene.convex.com> horak@convex.com (David Horak) writes:
>In <24@dmcmicro.win.net> dcomer@dmcmicro.win.net (David M. Comer) writes:
>while we were at cruising altitude. Of course, I put my scanner away
>prior to landing. The AA magazine has a section in it about what
>electronic equipment can/cannot be used during specific parts of the
>flight. Scanners can *never* be used, according to the magazine (the
>stewardess asked us to read this for more information about legal

It is intereting that the airlines are so inconsistent about this. For example, the Delta magazine specifically permits vhf scanners while prohibiting AM and FM radios (as if a scanner did not support AM or FM modulation modes!). On the other hand, American Airlines prohibits all radios of any frequency coverage from being used on the flightrs.

This sort of ticks me off as I have a helluva lot more frequent flyer miles on American and therefore prefer to fly them in my nearly constant business travel. On the other hand Delta seems more willing to study the problem and to try to restrict as little as possible. Of course the whole subject is moot anyway as most flight attendants that I've had direct readouts on cannot tell the difference between a VHF scanner and a cell phone.

I once had to point out to a Delta flight attendant (note the gender neutral term, "very PC"!), that their publication specifically permitted the use of VHF scanners when I was spotted with my trusty Yupi merrily listening to the cops somewhere over Indiana/Ohio. She told me that her rule of thumb was "if it has an antenna, then it is not permitted". I then called her attention to the proper page in question and she became more informed of the rules she is expected to enforce.

I once suggested that we maintain a list of the airlines and ther reespective policies regarding the in flight use of scanners. Not too many folks seemed very interested so it eventually died out.

Here are the ones I remember:

American no radios of any type
Delta VHF scanners, Video tape players permitted
Reno Air no radios of any type

These are airlines I typically fly, It would be nice if the rest of you folks could make note of what is and is not permitted on each airlines. Maybe we could even get the list posted monthly with the introduction to scanning that is posted monthly.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com

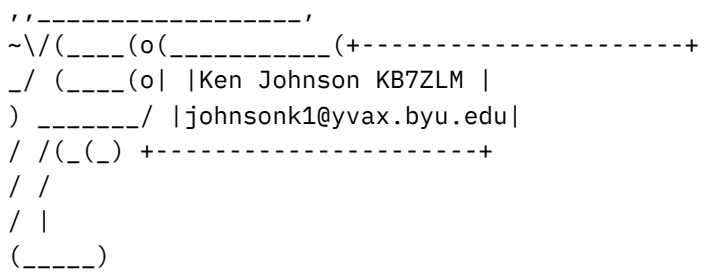
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1936. Any USAir scanner news?

Newsgroup: rec.radio.scanner
Date: 1994-09-09 06:03:00 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994Sep8.230300.9162@yvax.byu.edu>
Source record: 269049

Has anyone over in the Pittsburg area heard any interesting things over the air relating to this crash?

E-mail



1937. Re: RS PRO-2006, Speed & Cellular Mods

Newsgroup: rec.radio.scanner
Date: 1994-09-09 06:26:02 UTC
From: shawn4sk1@aol.com
Message-ID: <34ov5q$jtp@search01.news.aol.com>
Source record: 269050

from: soliver@ozarks.sgcl.lib.mo.us

This helped me, I hope it helps you...

Radio Shack PRO-2006 Scanner Mods
by Mark A. Day N4OQK @ CHO

Introduction

The PRO-2006 is probably the worlds most versatile scanner to date.
Modifications are easily implemented, and upgrade performance over stock
units tremendously. Enjoy, and keep scanning!

Mod#1 : Cellular restoration
Parts : NONE

To restore the missing CMT frequencies, merely clip diode D502.
It is located in the upper left corner of the CPU/display board.

Mod#2 : Scan rate increase
Parts : 16Mhz. Quartz Crystal - fundamental cut

Replace CX503 (12Mhz) with a 16Mhz crystal, clip diode D503 (near
D502)
The unit now scans at around 40 channels per second.

Mod#3 : Squelch hysteresis suppression
Parts : 100-200K ohm 1/8w resistor

Locate R152 (33K) on the linear PCB (main board). This is a tricky
resistor to get to, since it is on the bottom side of the board.
Remove this resistor, and replace it with a 100-200K resistor. The
higher the resistance, the less hysteresis will be present. I
found
100K gave me all the razor-sharpness I was looking for, without
sacrificing performance.

Mod#4 : "S" meter output
Parts : 10Kohm 1/8w resistor, 0.1 uf capacitor

Locate D33 on the linear PCB. Solder in the 10K resistor to the
ANODE
of this diode. Note this is not the same as TP2. Connect a wire
from
the free end of this resistor to a rear panel jack (RCA). Solder
the
0.1uf capacitor from the jack's center terminal to ground. Output
on

this jack follows the AGC voltage. Negative for no signal, goes
positive when a signal is present, increasing with signal
strength.
A 1Volt full scale panel meter makes a good "S" meter.

Mod#5 : Increased headphone audio
Parts : NONE

Locate resistor R228 (27 ohm) on linear board (near IC7).
Remove this resistor and replace it with a jumper wire.

Mod#6 : 6400 channel memory capacity (ADVANCED TECHNICIANS ONLY!)
Parts : Hitachi HM62256LFP-12 (256Kx8 SRAM) or equivalent (flat pack
required)
4 Position DIPswitch
10KOhm resistor SIP (or 4 10K 1/8w resistors)

This modification is complicated, so don't try it if you're not
fully
sure of youre ability.

1) Remove front panel from scanner, disconnect wiring harnesses.
You will lose all current programs (Sorry!)

2) Remove metal shield from panel CAREFULLY!
Remove screws holding CPU board in front panel.
Carefully separate CPU board from keyboard.

3) Locate IC505 next to CPU and remove it from the board.
Notice this is a 24pin IC, and that there are 4 extra pads
to the top of pin 1. All pin numbers given hereafter will
refer to the new 28 pin IC, with pin 4 being the old IC's
pin 1. Follow me? The pads for the new IC are already present.

4) To adapt to the new RAM, a few traces must be sliced.

A) Slice the trace connecting pin 28 to pin 26
B) Slice trace connecting pin 27 to pin 23 (bottom of board)
C) Slice trace connecting pin 2 to ground (bottom of board)

5) Install the new RAM, and connect a jumper from CPU IC501
pin 67 (+5V) to pin 28 of the new RAM.

6) To address the extended memory, external switches must be added
and connected to the unused address lines of the new RAM.
Just how you implement this is up to you. Regardless of how you
do it, you will need to connect a wire bundle from the new RAM
pins 1,2,23,26 to the outside world. I mounted a jack on the
rear
panel into which a 4 position dipswitch can be mounted.

7) Add pullup resistors from new address lines to +5V, available
at
pin 3 of the +5V regulator IC8.

8) Reassemble unit, installing all shields and ground straps.

9) Testing & checkout

A) With all switches 'OFF' enter '1000.000' into memory channel 1.
B) Toggle switch 1 to on and return to channel 1. Enter '1001.000'
C) Repeat for all switch combinations. Lockout channel 1 in each
of the 16 memory blocks. You now have a coded channel to key you in on which block you're scanning.
D) Enjoy 6400 channels of pure scanning power!

You now have:

16 Blocks of 400 memory channels per block
160 Search ranges (10 per block)
160 Temporary scratchpad channels (10 per block)

Notice that custom settings (delay/mode) are unique to EACH channel, but priority and speed are common to all blocks. You might dedicate a common channel in each block to be the priority channel

-end of text-

1938. Icom R100 computer interface

Newsgroup: rec.radio.scanner
Date: 1994-09-09 06:50:56 UTC
From: crisp@netcom.com
Message-ID: <crispCvuoCw.Aw1@netcom.com>
Source record: 269051

is anyone aware of a computer interface retrofit mod for the Icom R100?
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1939. MPRC Yakima Freq.

Newsgroup: rec.radio.scanner
Date: 1994-09-09 09:06:00 UTC
From: jason@cpubbs.cuug.ab.ca
Message-ID: <5141_7e091415@cpubbs.cuug.ab.ca>
Source record: 269060

> The worlds largest live fire automated range. Runs a 386 for the
> whole
> thing!

I could make a really bad joke about that line, but I won't.. ;)

jason low jason@cpubbs.cuug.ab.ca derran@sdf3.cpubbs.cuug.ab.ca
Only us XT users know that Jan 1, 1980 was a Tuesday.

1940. Re: Why modify scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-09-09 10:48:17 UTC
From: schuh@phys.unca.edu
Message-ID: <34pehh$anc@balsam.unca.edu>
Source record: 269052

Kelvin Lawson (pulse@sv.span.com) once wrote:

: Forgive me for asking a (probably) obvious question but what are all the mods
: that people mention here meant to do ?

About the same thing as adding a Souped-up holley carburator to a hot rod.

: Are they around because the scanner manufacturers have changed their products
: so you need to modify them to be able to hear cellular transmissions ?

Not necessarily... see the answer above.

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

1941. Re: Cellphone to scanner!

Newsgroup: rec.radio.scanner
Date: 1994-09-09 11:03:04 UTC
From: randolph@est.enet.dec.com
Message-ID: <34ptno$9j3@mrnews.mro.dec.com>
Source record: 269118
Cross-posted to: alt.cellular-phone-tech,rec.radio.scanner

In article <MJR.94Sep6232702@babs.syl.dl.nec.com>, mjr@babs.syl.dl.nec.com (Matt Ranney) writes...
>No it's not. Billboards are intended as a one-to-many medium, and
>every "user" of a billboard (the people who read them) use them this
>way. Some radio transmissions, such as cellular, are one-to-one
>transmissions, that happen to be recievable by others.
>--
>Matt Ranney - mjr@syl.dl.nec.com

Sorry, but no.
Billboards are, by design and nature, a one-to-many medium.
Radios are, by design and nature, a one-to-many medium.

Regardless of your intent, the above is still true. If you use a one-to-many medium, don't bitch because it's not secure. Use a one-to-one medium or encrypt your communications.

What you have said above, is that I can stand up in a crowded theater, shout my private communication to its recipient, and then pass a law to prosecute all those who happened to be there to hear it.

-Tom R. N1OOQ randolph@est.enet.dec.com

1942. Re: PRO-2021 Family Lineage

Newsgroup: rec.radio.scanner
Date: 1994-09-09 12:03:13 UTC
From: banister@lobby.ti.com
Message-ID: <banister.93.000C0E1E@lobby.ti.com>
Source record: 269072

In article <luiCvtoKq.HFF@netcom.com> lui@netcom.com (Stephen Lui) writes:
>From: lui@netcom.com (Stephen Lui)
>Subject: PRO-2021 Family Lineage
>Date: Thu, 8 Sep 1994 17:58:02 GMT

>Does anyone know how the PRO-2021 fits into the RS scanner line and what
>other units it is related to? I'm especially interested if the PRO-2021 is
>a PRO-XXXX with the 800 MHz band disabled. For instance, if a PRO-XXXX
>has 800 MHz and is related to a PRO-2021, I can compare the two units and see
>what is different to see if I can re-enable 800 MHz.

>I'm trying to see if I can get any more mileage out of my PRO-2021 before
>investing in a new unit.

The PRO-2021 cannot be modified to receive 800 MHz band. Some
people, however, have used an 800 MHz converter, such as the one
made by GRE, to convert the 800 MHz freqs to 400 MHz range,
which the 2021 can receive.

Danny Banister email: ddb1@msg.ti.com
Texas Instruments Incorporated email: 4403502@mcimail.com
13353 Floyd Road , MS 370 phone: (214) 995-1520
Dallas, Texas 75265
"Statements made here are my personal opinions; I do NOT speak for TI"

1943. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-09 12:09:41 UTC
From: banister@lobby.ti.com
Message-ID: <banister.94.000C29B4@lobby.ti.com>
Source record: 269073

In article <flarsen-080994162000@flarsen.berkeley.edu> flarsen@uclink.berkeley.edu (Flemming Larsen) writes:
>From: flarsen@uclink.berkeley.edu (Flemming Larsen)
>Subject: Re: Scanner output thru car speakers
>Date: Thu, 08 Sep 1994 16:20:00 -0800

>In article <banister.87.00134E8D@lobby.ti.com>, banister@lobby.ti.com
>(Danny Banister) wrote:

>> I bought a Silent Play and have been using it in my car for several
>> days with my Pro-43 and it works fine. At $15 I couldn't resist
>> having one to transmit to my headphones at home, but I quickly
>> decided to try it out in the car, too!
>>
>> Danny
>>

>I read an earlier thread about the Silent Play device and thought it
>was a great idea. So, I went to my local Radio Shack on my way home
>from work yesterday and asked them about it.

>They didn't know anything about it, didn't have anything in the store
>like it and never did.

>Does anyone mave more information and/or leads on where I might be
>able to get one (or two)?

The RS catalog number is 270-1715. This item is now shown as a
clearance item so all stores may not have them. They were designed
to be used with the Nintendo games. Original price was $39.99.
The clearance price is $14.99.

Danny Banister email: ddb1@msg.ti.com
Texas Instruments Incorporated email: 4403502@mcimail.com
13353 Floyd Road , MS 370 phone: (214) 995-1520
Dallas, Texas 75265
"Statements made here are my personal opinions; I do NOT speak for TI"

1944. bc170 uniden/bearcat mods?

Newsgroup: rec.radio.scanner
Date: 1994-09-09 13:11:34 UTC
From: fb487@cleveland.Freenet.Edu
Message-ID: <34pmu6$ib5@usenet.INS.CWRU.Edu>
Source record: 269053

Is there a mod to increase or speed up channels for the bc170 uniden/bearcat?
--
Mark Smalley
1111 Barbeau Drive
Saginaw, MI 48603

1945. Re: paging software

Newsgroup: rec.radio.scanner
Date: 1994-09-09 13:32:01 UTC
From: lasix@netcom.com
Message-ID: <lasixCvv6xD.7n@netcom.com>
Source record: 269054

Darrell Jordan (stujorda@eku.acs.eku.edu) wrote:
: I know this really doesn't belong on this list, but I don't know
: anyplace else to ask.
: I beleive this has been posted before, but either I don't have it anymore,
: or I am mistaking. Is there any software available on the internet,
: that allows you to page someone on their beeper, that allows letters as
: well as numbers.
: Thanks in advance for any and all information.
: Darrell Jordan--Stujorda@acs.eku.edu
: BITNET Stujorda@eku.bitnet

I have a neat little program called PAGEME. It waits for the phone to
ring and then waits (a user specified amount) for say - 3 minutes, then
dials your pager and puts in a number (once again, user specified).
It doesn't use alpha characters. What it is really good for is if
you are waiting for an important call, but can't bee there. Like when
you play hookie from work.
Good Luck,
Patrick
--

Patrick Springer
Sysop LASIX BBS
(818)892-5477
4804 Laurel Canyon Blvd. #132
Valley Village, CA. 91607
lasix@netcom.com

1946. Re: cell phone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-09-09 13:35:52 UTC
From: domonkos@access.digex.net
Message-ID: <Mg6SkiubGA-1066yn@access.digex.net>
Source record: 269055

In article <2d.11076.603.0N85106E@exchange.com>, John Tant wrote:
>
> It's interesting to me that there didn't seem to be very much on most of
> the newsgroups about listening to cell phones until the law was passed
> which made it illegal to import/make cell-capable scanners. Now, it seems
> as though EVERYBODY wants to listen in on cell phones. In a couple of
> years, I predict that the two PRO-2006's I bought a couple of years ago,
> and never modified BTW, will be worth some big money. It reminds me of
> children who want to do something they were just forbidden to do. Too
> bad the scanner-banners never realized that by raising all the fuss, they
> just piqued everyone's curiosity (what is it I'm not supposed to hear?
> Just what are they hiding?) I guess it's kinda like a beautiful woman
> deciding she wants to change into her bikini out on the beach. So she
> yells loudly her intentions, and forbids anyone to look. Figure the
> odds!
>
> John
>

If the rush on cell-modifiable scanners resulted from the new regulations,
I wonder if the sale of used M-60 fully automatic machine guns have gone
up due to the new restrictions?

Andy

1947. Re: !SECRET Lat-Long of airport?!?

Newsgroup: rec.radio.scanner
Date: 1994-09-09 14:00:03 UTC
From: judice@sulaco.enet.dec.com
Message-ID: <34ppp3$9bo@nntpd.lkg.dec.com>
Source record: 269056
Cross-posted to: rec.aviation.misc,rec.radio.scanner

I don't know what it has to do with rec.radio.scanner, but the solution to your problem is to call 18005551212, ask for SPORTY's Pilot Shop and call them for a catalog. You can order flight service directories with all the information you want or need for various geographic regions (something like 7 books cover the US). These are FAA publications and are very cheap. You can also go down to your local airport's flight service shop and buy the same books.

Oh, these documents do contain radio frequencies, too...

--

Louis J. Judice | Email: judice@sulaco.enet.dec.com
Digital Equipment Corp. | Office: 908-562-4103
Broadband Services Practice |
20 Corporate Place South | "To those who heed the call of the machine,
Piscataway, NJ 08876 | we salute you..."

1948. Red Arrows @ Duxford (UK)

Newsgroup: rec.radio.scanner
Date: 1994-09-09 14:03:10 UTC
From: C.Thomson@bnr.co.uk
Message-ID: <34ppuuINNimt@bhars12c.bnr.co.uk>
Source record: 269091

Hello all,

A friend has told me that the Red Arrows will be @ Duxford this weekend. Can anyone tell me their freq.

Any other freq for this event gratefully received.

Thanks

Clive

1949. Scanner Web Page (WWW)

Newsgroup: rec.radio.scanner
Date: 1994-09-09 14:31:19 UTC
From: zen@ccs.neu.edu
Message-ID: <34prjn$4u7@narnia.ccs.neu.edu>
Source record: 269057

Hello,
I've been looking around for some web pages that contain mod's & freq's for scanners, etc. and haven't found that much, so I set up my own.. It's kinda cheesy, and it doesn't have that much yet.. .I got alot of the mods & freq's off of ftp sites.. Anyways, you can check it out:
http://dice.dac.neu.edu/Homepages/paul/index.html .. it's located in the "ascii library section".. If you have any comments about it, or if you got some mods or freq's that you'd like to see on it, email me... Thanks!
Paul

Also, if you know of any other web pages, lemme know so I can make some pointers to them.. Thanks..

--

Paul Nash ||------- PGP Key Available By Fingering me----------
zen@denali.ccs.neu.edu ||---

1950. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-09 14:39:19 UTC
From: gbelton@cris.com
Message-ID: <r37Skastec78065yn@cris.com>
Source record: 269058

In article <flarsen-080994162000@flarsen.berkeley.edu>, Flemming Larsen wrote:
> I read an earlier thread about the Silent Play device and thought it
> was a great idea. So, I went to my local Radio Shack on my way home
> from work yesterday and asked them about it.

The guy at my Radio Shack didn't know what I was talking about until I said "Nintendo" and "discontinued." Then he found it right away. They had about five of them on the shelf, and it is well worth the $15.

I use mine at home, and the range was a bit short for my needs - I would lose the signal if I went into the next room. I just extended the antenna a bit with 20' of hookup wire, and now it works fine.

1951. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-09 15:27:59 UTC
From: rayrs@voyager.pc.my
Message-ID: <779124479.15snx@voyager.pc.my>
Source record: 269120

Hi there,

In article <1994Sep7.224809.18772@ultb.isc.rit.edu> jds0447@ultb.isc.rit.edu>
(J.D. Spewak) writes:
>
>handheld radio/sacnner on a plane, would they? Wouldn't that thing pick
>up on the x-ray as being a complex electronical device, something like a
>bomb? Isn't that why they ask you to turn on portable laptop
>computers?
>

I've spoken to airport security and they say that they look out
mainly for weapons through the x-ray. Imagine having to check
every electronic object (computers, TVs, radios, scanners,
phones, answering machines, fax machines, etc.); could take ages.

ray.

1952. Re: AOR AR 1500 question

Newsgroup: rec.radio.scanner
Date: 1994-09-09 15:59:31 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <779126371snz@javiaton.demon.co.uk>
Source record: 269059

In article <34md66$svn@nntp2.Stanford.EDU>
quon@leland.Stanford.EDU "Kenneth P Quon" writes:

> Hello,
>
> I just picked up an AOR AR 1500 and was wondering if it is possible to
> manually entering a starting frequency and have it automatically *search*
> upward from there.
>
> After reading the docs, it seems I have to do SEARCH PROG ...
> Kind of annoying if I just want to channel surf. (By using the down
> arrow key after I enter the frequency manually, I can search downward--
> Unfortunately, there is no up arrow).
>

Mmmmm...nope can't be done I'm afraid. As you say you have to put
the two limits in the Search Prog routine and go from there. Don't
forget Search Bank 9 will autostore channels into Scan Bank 9 !

--
Cheers, I'll have a Taylors Landlord please.....
JC
/--\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
\--/

1953. National Tower Phone

Newsgroup: rec.radio.scanner
Date: 1994-09-09 16:22:28 UTC
From: lpmartin@garnet.msen.com
Message-ID: <34q244$u1$1@heifetz.msen.com>
Source record: 268985

Does anyone have the telephone number for National Tower?

Thanks.

1954. Loose resistor on MVT 5000

Newsgroup: rec.radio.scanner
Date: 1994-09-09 16:40:32 UTC
From: randy_ware%nwmail@sparc.ncpa.olemiss.edu
Message-ID: <randy_ware%nwmail.19.0010AD78@sparc.ncpa.olemiss.edu>
Source record: 269089

I was looking inside my Jupiter MVT 5000 because on some freq. it is not as sensitive as it once was and noticed a 15K 1/8 watt resistor attached to the BNC ground tab to nothing, It looks like it once was attached but has come loose, could someone look inside their unit and see where it is supposed to hook up to. Thanks
Randy Ware

1955. Request for MODS to PRO-41

Newsgroup: rec.radio.scanner
Date: 1994-09-09 16:46:49 UTC
From: green@rammail.ram.co.uk
Message-ID: <01039.03003186@RAMail>
Source record: 269061

Does anyone have any mods for the PRO-41 ten channel scanner?
Such as scan all frequencies or enable AM reception.
Any other useful mods would be gratefully received.
Please Email responses to green@rammail.ram.co.uk
I cannot get into usenet easily and this is the only way of asking questions.
Thank You in advance, John Green.

1956. Re: McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-09 17:01:02 UTC
From: shawn4sk1@aol.com
Message-ID: <34q4ce$r9l@search01.news.aol.com>
Source record: 269062

I'll take this time to let everyone know that I did go up to McDonald's with my handheld, sit in the parking lot, and check out various freqs (yes, someone said that might be a good idea...)- I found the outside on 35.02 and the inside on 154.600- both of those were listed before as ones I might find them on... My handheld is a PRO-38, not too fancy- Once I left the lot, I couldn't pick up a thing from the next lot over... I realize they're low power signals but lower than I thought. Ok, I asked the other day and I only got ONE response- I want to know of some good "antenna boosters"- I live 2 residential blocks from McD's- I have the 2006 and the All-Band from RS- I would think I could pick up a simple McD's but not from home- I can hear my harddrive hummm on the 154.600 though... :-)

Shawn Oliver
SK1 Productions
soliver@ozarks.sgcl.lib.mo.us

formerly shawn4sk1@aol.com

1957. Re: Need BGN Racing Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-09 17:15:46 UTC
From: russ_gould@rsomacserver.rso.upenn.edu
Message-ID: <russ_gould-090994131430@oehs5.oehs.upenn.edu>
Source record: 269063

In article <34o27h$b1e@search01.news.aol.com>, smacken@aol.com (SMacken)
wrote:
>
> Jim,
>
> I can't attach a list of all of the BGN guys. but If you send a request
> for a few of them tonight i will check in later and send them to you.
>
> As I said i will have to compose them off-line for you so give me a 1/2
> dozen or so and i'll send them along.
>
> Too bad you hadn't posted a couple days ago. I would have typed the whole
> thing.
>
> Enjoy the race. Maybe I'll run into you sometime at the track.
>
> steve
>
> ps; if you are not leaving till tomorrow night I will do this at work for
> you tomorrow and e-mail it to you.

Hey Steve,

Post them anyway if you do not mind. I could use them next week at Dover.

Russell L. Gould
russ_gould@rsomacserver.rso.upenn.edu

1958. Price for a used BC200xlt

Newsgroup: rec.radio.scanner
Date: 1994-09-09 17:16:25 UTC
From: dwyer@ibm12.scri.fsu.edu
Message-ID: <34q599$2fn@mailer.fsu.edu>
Source record: 269064

What's a good price for a used BC200xlt (about 2 yrs old)? Haven't seen anyone selling them here, so there's nothing to use as a guide :)

Email responses please... no reason to waste bandwidth on this.

-f

--
Frank Dwyer (dwyer@scri.fsu.edu) Office: 443 SCL (904) 644-6008
http://www.scri.fsu.edu/~dwyer FAX : (904) 644-0098
Unix System Manager / Systems Development Pager : (904) 422-4333

Supercomputer Computations Research Institute
Florida State University
Tallahassee, FL 32306

"Unix _IS_ user friendly... It's just selective about who its friends are."

1959. PRO-43 The Latest

Newsgroup: rec.radio.scanner
Date: 1994-09-09 17:30:25 UTC
From: lombardi@bedford.progress.com
Message-ID: <34q63h$gfn@progress.progress.com>
Source record: 269065

Appologies for not inserting this into the "Pro-43 The Truth" thread, but I am truly inept with vi.

I've just been notified by a friend that my Pro-43 is un-modifiable by the method posted here recently from the June 1992 issue of "Monitoring Times." He found no diodes and had do do more de-soldering than the mods suggested.

The good news is that he got it back together and it works fine outside of that magical 8xx bandwidth.

My scanner's serial number does indeed begin with the letter A, and the tag inside the battery compartment reads A4A.

I hope I've saved some of you some hassles.

Skip Lombardi
ADE Development
Progress Software
14 Oak Park
Bedford, Ma. 07130

1960. Re: Scanners Removed at RS

Newsgroup: rec.radio.scanner
Date: 1994-09-09 17:41:28 UTC
From: horak@convex.com
Message-ID: <34q6o8$q17@eugene.convex.com>
Source record: 269066

In <779085455@f747.n115.z1> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:

>Hi, All...

> Well, it looks like the ban debacle is continuing at Radio Shack.
>Apparently, the FCC turned up the heat a little more and were able to get
>the PRO-51 scanner removed from the shelves. This is in addition to the
>PRO-23 and the PRO-46 that were removed last month. Here is another twist
>that the FCC is pulling on Radio Shack...

Yup. I just got back from buying the discontinued "Silent Play" and I
noticed the Pro51 display model was missing. The salesman said that the
ban on the 23/46 was extended to the 51 about 4 days ago. I'm glad I
got my Pro51 for $199 a few weeks ago!

David

1961. Yep Cordless phones again

Newsgroup: rec.radio.scanner
Date: 1994-09-09 17:55:11 UTC
From: Terry Dickerson <TXD118@psuvm.psu.edu>
Message-ID: <94252.135511TXD118@psuvm.psu.edu>
Source record: 269067

As we all know that cordless phones are leagal to listen to and have fun with.
If you don't at least try to listen to your area your missing out on all the sc
andalls, drug transactions, cheating(MARRIED), and sex.
AND PLEASE DON'T BUY RADIO SHACK IT'S SHIT.

1962. Request for MODS to PRO-41

Newsgroup: rec.radio.scanner
Date: 1994-09-09 17:59:15 UTC
From: green@rammail.ram.co.uk
Message-ID: <01041.03003186@RAMail>
Source record: 269068

Does anyone have any mods for the PRO-41 ten channel scanner?
Such as scan all frequencies or enable AM reception.
Any other useful mods would be gratefully received.
Please Email responses to green@rammail.ram.co.uk
I cannot get into usenet easily and this is the only way of asking questions.
Thank You in advance, John Green.

1963. ICOM IC-2SRA For Sale

Newsgroup: rec.radio.scanner
Date: 1994-09-09 18:01:28 UTC
From: genek@tekgen.bv.tek.com
Message-ID: <34q7to$9ml@tekgen.bv.tek.com>
Source record: 269110

For Sale:

ICOM IC-2SRA Handheld 5Watt 2 Meter Tranceiver (140-150 MHz)
with separate "Full Coverage" scanning receiver (25-950 MHz --
selectable am, fm-wide or fm-narrow modes)

NEW condition (6 months old) includes BP-83 battery pack,
wall charger and manuals.

$450 plus shipping and COD

Gene K7GK
genek@tekgen.bv.tek.com
503 644-6156

1964. Re: Help! scanning CB radio needed soon.

Newsgroup: rec.radio.scanner
Date: 1994-09-09 18:02:10 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1994Sep9.180210.5478@news.csuohio.edu>
Source record: 269069
Cross-posted to: alt.radio.scanner,rec.radio.swap,rec.radio.scanner,rec.radio.cb,misc.wanted,misc.forsale

You could also pick up a portable HF shortwave radio that has at least 40 memories. Many SW radios with memories also let you scan them. I have a Yaesu FRG-100 for example. Has 50 memories. Set each memory location (first 40) to the corresponding CB frequency (in the 26-27 MHz range), and scan thru them. The Yaesu is not really portable, but does run off 12V. Could find portable one to do same.

Hope it helps.

Mike
--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

1965. Re: FCC licensing for scanners in cars?

Newsgroup: rec.radio.scanner
Date: 1994-09-09 18:14:01 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1994Sep9.181401.5870@news.csuohio.edu>
Source record: 269070

eth@tiamat.umd.umich.edu (Dave Pozniak) writes:
: A while back I thought that some one mentioned that you were could have
: scanner in your car in Michigan if you had a FCC license of some kind.
: Three questions,

:1. Is this true?

In some states, yes.

:2. What type of license is it?

From what I know and assume, an FCC Amateur Radio license.

:3. What do you have to meet to get this license? (Age, type of scanner)

No age restriction on the ham radio license. Study, take test, pass,
wait 10 weeks for the license to arrive.

: Also if anyone has freqs for the Detroit 313 area, please email

Check out your local radio shack for the Police Call book.

:
: Dave
: eth@tiamat.umd.umich.edu
:

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

1966. Re: Yep Cordless phones again

Newsgroup: rec.radio.scanner
Date: 1994-09-09 18:44:54 UTC
From: myers@Cypress.West.Sun.Com
Message-ID: <34qaf6$931@abyss.West.Sun.COM>
Source record: 269071

In article 135511TXD118@psuvm.psu.edu, Terry Dickerson <TXD118@psuvm.psu.edu> writes:
>As we all know that cordless phones are leagal to listen to and have fun with.
>If you don't at least try to listen to your area your missing out on all the sc
>andalls, drug transactions, cheating(MARRIED), and sex.
>AND PLEASE DON'T BUY RADIO SHACK IT'S SHIT.

Listening to cordless phone is not legal in California, at least until someone challenges the law and gets it overturned. Look at Calfornia Penal Code 630-637 if you don't believe me.

---
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Sir, over there.... is that a man?" *

1967. Re: listen in on space shuttle in Michigan?

Newsgroup: rec.radio.scanner
Date: 1994-09-09 19:23:36 UTC
From: domonkos@access.digex.net
Message-ID: <w8CSkiubGMMN066yn@access.digex.net>
Source record: 269074
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space

In article <34pk9t$5vu@oliver.rutgers.edu>, Dave Hensley wrote:
>
> >3,860 and 7,185 KHz
> >14,295 and 21,395 KHz
>
> >during the mission of STS-64
>
> Will any of the retransmissions be AM or will they all be SSB?
>
> Dave Hensley dah@alumina.rutgers.edu

Most likely SSB.

Andy N3LCW

1968. Re: FT-411E

Newsgroup: rec.radio.scanner
Date: 1994-09-09 19:26:02 UTC
From: ab910@lafn.org
Message-ID: <1994Sep9.192602.19715@lafn.org>
Source record: 269075

In a previous article, hoffj@msus1.moorhead.msus.edu (Jerad Hoff) says:

>
>I have a ham radio, Yaesu F-411E. I bought it from a guy, and he showed me
>how it scanned police frequencies. I brought it home, and reset the unit
>so I could program in repeaters and police frequencies. Now I can't get it
>to enter police freq's. Does anyone have experience with this unit? Sorry

Try turning the power off. Press the arrow keys at the same time. Turn
the power on again. This is ths MARS mod. The hardware mod is much more
complicated to do. Mail me if you want it, or look on OAK.oakland.edu
in the mods dir. Lot's of mods there! All radio types that I know of.

Matthew D.

--
****
trust no one
****

1969. Re: Andy, Barney and Goober...

Newsgroup: rec.radio.scanner
Date: 1994-09-09 20:07:17 UTC
From: dfrey@bigbird.csd.scarolina.edu
Message-ID: <34qf9l$2nh@bigbird.csd.scarolina.edu>
Source record: 269076

In <CCARTEE.94Sep7093617@regal.cisco.com> ccartee@regal.cisco.com (Claude Alan Cartee) writes:

>I am travelling to the Raleigh RTP area for a business (read boring)
>business trip in the next couple of weeks. I want to bring a scanner
>to help pass the time if my hotel doesn't get the Hee-Haw channel (all
>Hee-Haw, all the time ;).

>Anyway, all I have is a CA Police Call. Could someone please post
>police, fire and any other 'interesting' frequencies for the RTP area?

Don't get away much, do you Claude?

David (I believe everything I see on Baywatch) Frey

1970. Re: Bearcat/PRO mods via touch pad

Newsgroup: rec.radio.scanner
Date: 1994-09-09 20:21:52 UTC
From: popo@radioman.hernix.org
Message-ID: <CvvpwG.4u@radioman.hernix.org>
Source record: 269077

I have a Uninden BC200XLT. They same codes work on it. I FOUND OUT THE
HARD WAY..... That 000.0000 for all channels is neat.....

--

James Pogras popo@radioman.hernix.org hernix!radioman!popo

1971. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-09 20:36:31 UTC
From: reece@eco.twg.com
Message-ID: <34qh0f$o22@scoop.eco.twg.com>
Source record: 269078

In article <1994Sep7.224809.18772@ultb.isc.rit.edu>, jds0447@ultb.isc.rit.edu (J.D. Spewak
) writes:
|>In article <34kl5r$me8@eugene.convex.com> horak@convex.com (David Horak) writes:
|>>I was on an American Airlines flight from Albuquerque to Dallas this
|>>past weekend and since I've heard those calls on my scanner between
|>
|>I wasn't sure that airport security would even let something like a
|>handheld radio/sacnner on a plane, would they? Wouldn't that thing pick
|>up on the x-ray as being a complex electronical device, something like a
|>bomb? Isn't that why they ask you to turn on portable laptop
|>computers?

The security folk really have no right to confiscate radios and scanners.
Inspect yes, but not confiscate.

On the other hand, if you USE the scanner in flight on an airline that
has not explicitly approved the use of scanners, the flight crew does
have the authority to confiscate the radio. If you resist that, you can
be charged with interfering with a flight crew in the performance of
their duties, which is a federal felony.

1972. Re: 2006 and discone antenna

Newsgroup: rec.radio.scanner
Date: 1994-09-09 20:42:48 UTC
From: firefly@omni.voicenet.com
Message-ID: <firefly-0909941640200001@firefly-slip.voicenet.com>
Source record: 269079

In article <willi087-0809941437340001@dialup-1-79.gw.umn.edu>,
willi087@maroon.tc.umn.edu (Lindy Williams) wrote:

> I live on the top floor of condo bldg that won't allow outside antennas of
> any kind. I have a 3 season (joke in Minnesota) porch. Would I materially
> increase performance with a Radio Shack 20-013 discone antenna in this
> enclosed porch? Also, I have noticed many cellular auto phones with
> antenna mounted on back glass with wireless connection to the inside. I
> have a problem getting coax thru the wall but have large glass patio door.
> Could I use this to get signal thru and still enjoy reasonable use of the
> discone? Lindy Williams

i suspect that your patio sliding door is double-paned. The distance
therefore between the two pieces of the antenna is likely to be well over
1 inch. This is most certainly MUCH further than an auto glass, and
probably would greatly weaken the "pulling" power of this antenna.

firefly@omni.voicenet.com

1973. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-09 21:04:14 UTC
From: reece@eco.twg.com
Message-ID: <34qike$o22@scoop.eco.twg.com>
Source record: 269080

In article <34lkrs$cfo@nic-nac.CSU.net>, g9153402@huey.csun.edu (Berton Corson) writes:
|>On a plane, if you read all that literature in those back seat pockets
|>(except the air-sick bag), usually in the airline's flight magazine,
|>there is something that says that use of any type of radio on an
|>airplane is against FAA regulations, but things like laptop computers,
|>and listening to cassette tape players with headphones, is OK.

Actually, Federal Aviation Regulation 91.21 states that any electronic device other than (1) Portable voice recorders, (2) Hearing aids, (3) Heart pacemakers, and (4) Electric shavers, are prohibited unless the airline is willing to stake its operating certificate on the device not interfering with navigation and communication equipment.

The airlines have bent to public pressure and are allowing the use of other equipment, like portable PCs and scanners, during the less critical phases of flight. Generally they want it all shut off before descending below 10,000 feet MSL.

|>My only question is, my portable cassette player also has an AM/FM
|>radio on it. The flight attendants never check to make sure that
|>you're listening to a tape, not trying to listen to some radio station
|>below. It just makes me wonder, in the future will some airline blame
|>their plane that crashed, because some passenger turned on this type
|>of radio that messed up the plane's navigation system? I doubt it.

NASA has an incident reporting system called the Aviation Safety Reporting System (or ASRS). Pilots, flight crews, and ground controllers can report mistakes, goofs, or problems to NASA for investigation without risking FAA sanctions.

There are quite a few incidents in the ASRS databases where navigation instruments in $80 million were noticibly affected by $20 radios, cell phones, and personal computers. In at least one case, a passenger who refused to turn off his PC after it was determined that it was causing interference was arrested on federal felony charges.

|>I can't see how a $20 cassette/radio that you can buy at K-Mart, will
|>mess up the systems of a $80 million dollar jet.

Just because you can't see how it could affect aircraft radios doesn't mean it doesn't happen. If you've ever had a problem listening to a radio when a PC is turned on, or seen annoying lines on your TV screen while someone is running a mixer in the kitchen, you've seen a little taste of radio frequency interference.

Regardless of how expensive the airplane is, if you interfere with the radio signals coming from a 100 Watt radio beacon a hundred miles away,

there's little the avionics can do to unscramble the signal. I certainly wouldn't want to risk a couple of hundred lives on your assumption.

1974. Re: Pro-2006 30k steps?

Newsgroup: rec.radio.scanner
Date: 1994-09-09 21:09:54 UTC
From: lancecr@netcom.com
Message-ID: <lancecrCvvs4J.JIG@netcom.com>
Source record: 269081

Clay Irving (clay@panix.com) wrote:
: In article <1994Aug29.071049.13176@lafn.org> ab910@lafn.org (Matthew Davies) writes:

: >Is there a mod to give the Pro-2006 the 30khz steps that it has in the
: >rest of the world? I hate using the 5khz setting. Way, way too slow.

: One sure fire way is to install the OptoElectronics 456 kit! You are
: provided the ability to specify the size of the steps with the software.

Where would you purchase the OptoElectronics 456 kit mentioned above? I
just got a Pro-2006 two days ago and it has 30khz, but only in certain
ranges and after I had an accident with a pair of wire cutters.

Thanks
Lance
lancecr@netcom.com
--
lancecr@netcom.com

1975. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-09 21:13:45 UTC
From: reece@eco.twg.com
Message-ID: <34qj69$o22@scoop.eco.twg.com>
Source record: 269082

In article <Cvs4qn.2uo@rci.ripco.com>, glr@ripco.com (Glen Roberts) writes:
|>It is amazing how little some businesses want your business. Like Radio
|>Shack at Gurnee Mills Mall, they bitched me out for writing a check with
|>a "red pen." So, they lost the sale almost a year ago, and I haven't set
|>foot in since. I previously made purchases about once a week, and often
|>(and without program) used a red pen.

A couple of years ago Radio Shack started a campaign to update their mailing lists by asking for your name and address on even cash sales. This little pitch starts off with, "May I have the last four numbers of your phone number?"

The first time I head this request, I answered "No". The salesman asked again, and again I said no. He then told me that without a name, address, and phone number, he couldn't complete the sale. I said that that was fine by me, and told him he'd just lost the sale.

Some people just don't understand that some of us just don't like being in all those corporate databases.

1976. Re: cell phone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-09-09 21:48:37 UTC
From: warren@bluesky.com
Message-ID: <34ql7l$sia@pdx1.i.net>
Source record: 269083

In article <2d.11076.603.0N85106E@exchange.com>, John Tant wrote:
>
> [snip]
> ... In a couple of
> years, I predict that the two PRO-2006's I bought a couple of years ago,
> and never modified BTW, will be worth some big money.
>
> John

Not to burst any balloons, but in a couple of years, the cellular industry will be using a significant number of digital phones and no scanner I know of (other than a modified cellphone) can decode that.

I just saw a price sheet for Cellular One here in Portland and they are pricing digital cellular time cheaper than analog. A market solution to the dial-surfing dilemma they currently have. I prefer this to the legislative approach they have used so far.

warren@bluesky.com
Warren Leach, Cruise Director
Blue Sky Research, Portland, Oregon

1977. Re: Cellphone to scanner!

Newsgroup: rec.radio.scanner
Date: 1994-09-09 22:03:04 UTC
From: wwhitby@aol.com
Message-ID: <34qm2o$370@search01.news.aol.com>
Source record: 269084

In the past I have listened to cell phone calls. I have never found them interesting, I enjoy listening to other bands and services. However, just because I don't listen to the cell band, I am not going to say that no one can listen. Our legal system loves precedents, and outlawing the reception of one band can serve as a precedent. Sooner or later some Police Department will become upset with scanner owners and ask that scanners that pick up public service frequencies be outlawed.

I am in favor of being able to receive ALL bands, even the ones that I don't listen to. I also own two cell phones. If I have anything sensative or personal, I don't mention it on the phone. I had a bad experience with someone listening in on a cordless phone call with a scanner and I don't want to go through that again. I know when to keep my mouth shut.

My cellular sales rep told me with a straight face that no one could pick up my cellular calls. I knew he was lying to me. The cellular industry needs to spend some of its own money instead of passing the buck to scanner owners.

Look what is happening with firearms. First machine guns, no one cared except those who owned them and those who realized what could happen. Assault rifles are next. The government is going to do its best to whittle down the bands we can listen to. We need to write our representatives and let them know that they won't get our support if they don't support our rights.

1978. PRO-2006: downconversion from 1.4-1.8GHz?

Newsgroup: rec.radio.scanner
Date: 1994-09-09 23:13:43 UTC
From: clark@angelo.amd.com
Message-ID: <clark.779152423@angelo>
Source record: 269085

OK all you '2006 guri:

I am in need of a way to downconvert INMARSAT/GOES freqs to something
the '2006 will receive... _on the cheap_ (relatively).

THere was supposed to be something in the oct. 94 Poopular Communications,
but, no joy. So, if anybody has any clues/plans/whatever, let me know.

I don't read this group regularly, so please eMail stuff to:
clark@brahms.amd.com

I can handle uuencoded files there as well.

Also, check out the 8/94 MT for a good 250 MHz RHCP helical for that
band. It also has the equations for a 1.6 GHz helical. Good stuff.

73 & TiA

BRad the Impaler // NP4AI/6

1979. SHUTTLE freq.

Newsgroup: rec.radio.scanner
Date: 1994-09-09 23:13:43 UTC
From: Clive@dashx.demon.co.uk
Message-ID: <779152423snz@dashx.demon.co.uk>
Source record: 269086

I understand that the current shuttle STS 64 (lunch 6.23 EST)
that it will pass over England
does anyone have a freq. I can tune into ?

regards clive
--

****
* Clive A Churchward MIMgt AMILog - Internet: clive@dashx.demon.co.uk *
DX-Dash Xpress Manchester UK - Overnight Express/Sameday Courier Services

1980. Re: cell phone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-09-09 23:23:32 UTC
From: tharrell@nmsu.edu
Message-ID: <34qqpk$rgr@dns1.NMSU.Edu>
Source record: 269087

Andy Domonkos (domonkos@access.digex.net) wrote:
: If the rush on cell-modifiable scanners resulted from the new regulations,
: I wonder if the sale of used M-60 fully automatic machine guns have gone
: up due to the new restrictions?

Doubtful - the 'new restrictions' only apply to _SEMI_-automatic firearms.
Anyway, I'm glad I bought my Pro-43 last October to beat the (scanner ban)
rush, although my wife didn't take too kindly to my moving a diode _right_
after I got it home.
--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\--/

1981. Re: 900 MHz cordless phone evaluations

Newsgroup: rec.radio.scanner
Date: 1994-09-09 23:36:58 UTC
From: lltate@peach.america.net
Message-ID: <lltate.779153813@atl1>
Source record: 268929
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.2600,alt.cellular-phone-tech

[No readable article body recovered]

1982. Re: Yep Cordless phones again

Newsgroup: rec.radio.scanner
Date: 1994-09-09 23:38:12 UTC
From: tharrell@nmsu.edu
Message-ID: <34qrl4$rsr@dns1.NMSU.Edu>
Source record: 269088

In article 135511TXD118@psuvm.psu.edu, Terry Dickerson <TXD118@psuvm.psu.edu> writes:
>As we all know that cordless phones are leagal to listen to and have fun with.
>If you don't at least try to listen to your area your missing out on all the sc
>andalls, drug transactions, cheating(MARRIED), and sex.

Heck, you don't even need a scanner to listen in - just use your own cordless phone. A lot of people haven't realized that if you take your cordless phone handset, turn it on and get a dial tone, and then unplug the base unit from the AC, the handset stays on, listening to its current 46MHz frequency and simultaneously transmitting on the corresponding 49MHz frequency. I suggested this to a friend of mine who was experiencing bad interference on his phone - he said later that the offending conversation came in perfectly clear, but he muted his handset so as to not interrupt it.

If this is something that some of you already knew, sorry about the bandwidth. It works really great with the 10-channel units.

>AND PLEASE DON'T BUY RADIO SHACK IT'S SHIT.

Some of their merchandise (like my '43) is actually quite decent - it's just those f*cking idiots that work for them.
--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\--/

1983. PRO-43, LAST ONE!

Newsgroup: rec.radio.scanner
Date: 1994-09-10 00:04:39 UTC
From: flarsen@uclink.berkeley.edu
Message-ID: <flarsen-090994160439@flarsen.berkeley.edu>
Source record: 269113

I found a local Radio Shack store that has one non-*A* PRO-43
in stock.

It's their display model but I looked at it, and it looks like new.

The store is in Berkeley, CA.

Call (510) 841-6713 and ask for Michael Igbo.

-- Flemming Larsen flarsen@uclink.berkeley.edu

p.s. This is not an advertisement for Radio Shack or an endorsement
for their products. I have no financial interest in this deal. I am
posting it as general information only.

1984. Re: Pro51 - my initial impressions

Newsgroup: rec.radio.scanner
Date: 1994-09-10 00:24:05 UTC
From: jaylgold@crl.com
Message-ID: <34qub5$n8u@crl3.crl.com>
Source record: 269090

I have had my alkalines in my radio for 1 month now and use the radio about an hour a day. Still going. The radio works great. A lot of the complaints are due to the area people are in. As far as the comment on imaging. I also get some imaging in the 900mhz ranges, so it must be an up conversion.

Jay
Santa Rosa, CA

Andy Domonkos (domonkos@access.digex.net) wrote:
: In article <33ioca$n6t@eugene.convex.com>, David Horak wrote:

: .....

: > MANUAL the battery drain is a constant 64.5 ma on a non-active
: > frequency. So, there appears to be no battery saving mode but the most
: > current I saw it drain on an active channel was about 110 ma. The
: > pro51 is small, lightweight and takes four AA batteries for power.
: > Enjoy,
: >
: > David in Dallas

: I've had a set of alkalines in my Pro51 for 2 weeks now and use the thing
: at 1.5 - 2 hours/nite. Still going strong...

: Andy

1985. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-10 01:18:25 UTC
From: caldwe33@futures.wharton.upenn.edu
Message-ID: <34r1h1$3jg@netnews.upenn.edu>
Source record: 269092

Maybe this may help shed some light on the airline / scanner delima.

There is good reason why they would specifically restrict the use of an AM/FM receiver: the FM band would create signals (add 10.? mhz to the receiving signal) in the aircraft band. If you were listening to a radio station at 108, you would actually be transmitting a small amount of energy near 118. This could interfere with the aircrafts radios.

Scanners don't emit frequencies in those areas since they usually don't tune in 88-108.

Sean

1986. Re: 2006 and discone antenna

Newsgroup: rec.radio.scanner
Date: 1994-09-10 01:31:31 UTC
From: schumann@crl.com
Message-ID: <34r29j$fh8@crl.crl.com>
Source record: 269093

Lindy Williams (willi087@maroon.tc.umn.edu) wrote:
: I live on the top floor of condo bldg that won't allow outside antennas of
: any kind. I have a 3 season (joke in Minnesota) porch. Would I materially
: increase performance with a Radio Shack 20-013 discone antenna in this
: enclosed porch? Also, I have noticed many cellular auto phones with
: antenna mounted on back glass with wireless connection to the inside. I
: have a problem getting coax thru the wall but have large glass patio door.
: Could I use this to get signal thru and still enjoy reasonable use of the
: discone? Lindy Williams

Try the Diamond D130J discone antenna rather than the RS one. The
construction is better (solid elements instead of hollow), and the
Diamond has an additional center element that the 2006 can use for its
lower frequencies. It cost about $20 more, but....

I'm not sure about the wireless (infra red?) connection, but it sounds
like it *might* work. If you do this, post the results

--

James Schumann, KE6DMY
schumann@crl.com
KE6DMY @N6EEG.#NOCAL.CA.USA.NOAM

1987. Re: Bearcat/PRO mods via touch pad

Newsgroup: rec.radio.scanner
Date: 1994-09-10 01:34:43 UTC
From: frankjm@sd2.af.mil
Message-ID: <1994Sep10.013443.27146@afit.af.mil>
Source record: 269094

In article <779085755@f747.n115.z1>, Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
writes:
|> -=> Quoting McIAS to All <=-
|>
|> Mc> From: mcias@aol.com (McIAS)
|> Mc>
|> Mc> Hi, is their any one out their with a way of restoring Freq's on The
|> Mc> Bearcat & or Pro lines of Scanners via Touch Pads & could you please
|> Mc> send them my way I would greatly appreciate it. McIAS @ AOL.COM
|>
|> Mc> -!- IFmail v.2.2
|> Mc> ! Origin: America Online, Inc. (1-800-827-6364) (1:115/511@fidonet)
|>
|>
|> This works on '51, '46, '23, 2026. Some of these modes work on the 220,
|> 150 units by Uniden. From CompuServe Hamnet.
|>
|> Subj: PRO-51 cellular trick Section: VHF/UHF Scanning
|> From: Howard Bornstein 76174,637 # 273839, 1 Reply
|> To: All Date: 02-Jun-94 05:47
|>
|> There is an interesting test mode in the PRO-51 that, combined with the
|> direct search feature of the scanner, lets you pick up out-of-band
|> frequencies. You will have full access to the 66-88 Mhz ranges as well as
|> the cellular base range of 869-896 Mhz.
|>
|> Actually, there are several test modes in the PRO-51 (most of these
|> comments should be true for any Uniden-made Radio Shack scanner, such as
|> the PRO-46). I'll describe them first and then how to take advantage of
|> one of them to get the restricted frequencies.
|>
|> There are three data test modes. These modes completely destroy any
|> frequencies you had programmed into your scanner, so it's best to use
|> these techniques before you program your scanner. If you have already
|> programmed it, you'll have to decide if these new capabilities are worth
|> reprogramming.
|>
|> Test mode 0. Clear the scanner.
|>
|> A well-known method of clearing the scanner to all zeros is to hold down
|> the 2 key, the 9 key, and turn on the scanner. All frequencies will be
|> lost.
|>
|> TEST MODE 1. Fill channels 1-25 with test frequencies.

|>
|> Press the 2 key, the 9 key, the L/Out key, and turn on the scanner.
|>
|> This fills channels 1-25 with these frequencies:
|>
|> 1 30.050
|> 2 40.840
|> 3 49.900
|> 4 138.150
|> 5 162.400
|> 6 173.225
|> 7 406.875
|> 8 453.250
|> 9 511.9125
|> 10 108.500
|> 11 118.800
|> 12 127.175
|> 13 135.500
|> 14 66.450*
|> 15 76.825*
|> 16 87.425*
|> 17 157.800
|> 18 482.3625
|> 19 29.000
|> 20 54.000
|> 21 806.000
|> 22 857.200
|> 23 888.96*
|> 24 911.500
|> 25 954.9125
|>
|> * indicates not within the PRO-51's normal coverage. More on how to use
|> these in a minute.
|>
|> TEST MODE 2. Fill channels 1-17 with test frequencies.
|>
|> Press 2, 9, Manual
|>
|> Fills channels 1-17 with these frequencies:
|>
|> 30.00, 40.00, 50.00, 140.00, 155.00, 170.00, 410.00, 460.00, 510.00,
|> 54.00,
|> 109.00, 118.00, 127.00, 135.00, 810.00, 860.00, 950.00.
|>
|> There is also a display diagnotic mode.
|>
|> Display Test Mode.
|>
|> Press 2, 9, Band or 2, 9, Moni.
|>

|> This put the display in test mode. Every annunciator and every digit
|> element is turned on in a scan from the left side of the display to the
|> right. To keep this test mode continuous, release the buttons before the
|> first scan finishes. This mode does not affect stored memory. Press any
|> key to exit this display mode.
|>
|> Now, if you've decided to try test mode 1, you will find several
|> out-of-band frequencies stored in your memory channels. Channels 14-16
|> hold frequencies in the blocked out 66-88 Mhz range, and channel 23 holds
|> a frequency in the blocked out cellular base range. Once you have these
|> frequencies stored in a memory channel, the PRO-51's direct search feature
|> will let you search though these ranges. In the cellular band, the scanner
|> searches in the correct 30 Khz steps.
|>
|> You don't have to keep these frequencies in these channels. You can move
|> them to any channel in the scanner. First move them to a monitor channel.
|>
|> While on a channel with one of these frequencies, open squelch completely.
|> Press direct search button, either up or down. The direct search button
|> puts the scanner into search mode and the open squelch holds the
|> frequency. Then press the Monitor button. The frequency is now in the
|> monitor channel indicated in the display.
|>
|> Now you can move it to any regular memory channel in the scanner.
|>
|> Enter the channel number
|> Press PROG
|> Press Monitor
|> Press the number of the monitor channel if the proper channel is not
|> displayed
|> Press E(nter)
|>
|> The frequency is now permanently stored in the memory channel. You can do
|> a direct search from this memory channel at any time.
|>
|> The 66-88 Mhz range mainly covers TV audio. However, there is a strange
|> phenomenon concerning TV audio and the PRO-51. Channels 4, 5, and 6 audio
|> fall within the 66-88 Mhz range, yet the PRO-51 will not pick up the audio
|> frequency while searching in this range. However, TV channel 2 audio is at
|> 59.75 Mhz. When you add the intermediate frequency of 21.6 Mhz, you get an
|> image of the TV channel 2 audio appearing at 81.35 Mhz. This does come in,
|> although raspy, since the PRO-51 is receiving in narrow FM mode while TV
|> audio requires wide band FM mode for proper reception.
|>
|> I'd be interested in anyone can verify that any of these test modes work
|> on the PRO-46 or any other Uniden-made Radio Shack scanner.
|>
|> Howard
|>
|>

|> Jerry
|>

For the pro-46:

2,9,L/out inputs the 1-25 channels.

2,9,man ; 2,9,monitor input the 1-17 channels.

I could not get the display test. It does not have a band key.

And the 2,9 test is described in the owners manual.

Now I have to reprogram the 70 some channels I cleared.:|

jmf

1988. Re: tracing clell-phone calls

Newsgroup: rec.radio.scanner
Date: 1994-09-10 01:36:46 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Sep10.013646.5149@hpcvaac.cv.hp.com>
Source record: 269095

crisp@netcom.com (Richard Crisp) writes:
:
: Well I still maintain that DTOA techniques could be used with a cell
: xmitter to accurately pinpoint it. The trouble is having a suitable
: group of satellites available with the proper receiving equipment
: and directional antennas. With cesium time standards available on-ship
: to get "good time" it appears that this is feasible. And of course
: you need good directional antennas too. All of this is expensive
: to do but for something like the "War on Drugs (tm)", this is
: well within budget. (I wonder if the War on Drugs is really the
: other name the Vietnam War was known by?)

Directional antennas are totally unnecessary. The problems are the
lack of an accurate time base (as you pointed out) and a method to
compare the signal reception times down into the microsecond range.
Of course, I am talking about a terrestrial system here.

There would not be enough call for the equipment - even in the stupid
War on Some Drugs - to justify the cost. It is already possible to tell
approximately where a particular cell phone is. Combine that with a
mobile unit containing a directional antenna array similar to that used
on the Lojack system - and it becomes rather easy to find the phone. It
is also quite inexpensive - comparatively.

: Why you brought up GPS in the context you did is baffling. What bearing
: does it have on this discussion?

Because GPS uses DTOA technology.

: >Once you know which sell the person is in - simple direction finding
: >gear can pinpoint them fairly rapidly.
:
: the trouble is that you don;t have much time in many cases. Neat thing
: about doing it from a satellite constellation is that you can do it
: fast. The big problem is that you have to be looking at the right place
: at the right time :-(

There is no way that such a satellite system could be afforded. You are
correct that directional antennas would be required. However, not only
are you looking at $50 million or so per satellite, but the overhead to
precisely keep track of the exact satellite position (and update it in
real time) would be tremendous. I also doubt if a satellite antenna could
be made directional enough to pick out a particular cell phone. Remember
that there may be many phones in a city that may be using the same frequency,
on different cells, at the same time.

Bill

1989. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-10 01:45:00 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Sep10.014500.5274@hpcvaac.cv.hp.com>
Source record: 269096

flarsen@uclink.berkeley.edu (Flemming Larsen) writes:
:
: I read an earlier thread about the Silent Play device and thought it
: was a great idea. So, I went to my local Radio Shack on my way home
: from work yesterday and asked them about it.
:
: They didn't know anything about it, didn't have anything in the store
: like it and never did.

Yeah, I had that problem also. The trouble is, they just don't know
where to look.

: Does anyone mave more information and/or leads on where I might be
: able to get one (or two)?

Look in the section where they keep video games accessories. The top
of the box is purple. The lower part of the box has a picture of a kid,
with his mother sitting on in an armchair (in the background).

Bill

1990. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-10 01:47:43 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Sep10.014743.5374@hpcvaac.cv.hp.com>
Source record: 269097

gbelton@cris.com (Gerald Belton) writes:
:
: The guy at my Radio Shack didn't know what I was talking about until I said
: "Nintendo" and "discontinued." Then he found it right away. They had about
: five of them on the shelf, and it is well worth the $15.
:
: I use mine at home, and the range was a bit short for my needs - I would
: lose the signal if I went into the next room. I just extended the antenna a
: bit with 20' of hookup wire, and now it works fine.

Just using the included antenna - lying on top of my scanner - I have a range of 50-75 feet. If I were to tack the antenna up, the range would probably be greater.

Bill

1991. Re: RS Car Antenna Splitter Question

Newsgroup: rec.radio.scanner
Date: 1994-09-10 02:06:13 UTC
From: jmm5h@Virginia.EDU
Message-ID: <Cvw5uD.3Ey@Virginia.EDU>
Source record: 269098
Cross-posted to: rec.radio.scanner,alt.radio.scanner

dingman+@cs.cmu.edu writes:
> Okay, here's a probably simple question: On the antenna
> splitter from Radio Shack each of the three connectors
> has a "name":
>
> One female connector is marked "Antenna"
> One female connector is marked "FM/AM"
> The male connector is marked "FM Only"
>
> My guess was that for some reason the splitter would
> only pass AM to the "FM/AM" connector, and since I don't
> listen to commercial AM that often, and listen to
> Aircraft band (civ and mil) quite a bit, I thought I'd
> connect this jack to my scanner, and "FM Only" to
> the car's radio [BTW, I have no way of knowing if this
> FM/AM referrs to the modulation technique or the
> transmission band, since lots of folks talk about AM
> as a band].
>
> Okay, so I'm happy. It works fine. Then, on the road
> on Monday I want to listen to the Raiders/49ers game
> and I think, CRAP! I dont' have AM. But, I tried anyway
> and got WMVP1000 out of Chicago (in PA, no less! :-)).
>
> So, what DO these markings mean? Are they just there for
> added confusion?
>
> - Chris
>
> +---+
> | Christopher P. Dingman |
> | Electrical and Computer Eng. Dept. dingman@ece.cmu.edu |
> | Carnegie Mellon University (412) 268-7119 |
> | 5000 Forbes Ave |
> | Pittsburgh, PA 15213 |
> +---+
>
I guess it's pretty much trial and error with that disc
splitter. I don't think there are any internal components in
that thing and the markings are just for show.

1992. Re: OptoScan 456

Newsgroup: rec.radio.scanner
Date: 1994-09-10 02:10:39 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Sep10.021039.5781@hpcvaac.cv.hp.com>
Source record: 269099

jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
:
: ie this isn't a substitute, but rather a supplement, for the 6400-channel mod.
: (which was recently expanded to 25600 channels!!)

Is this a new modification by Bill Cheek? Is it in a new handbook by him?

Bill

1993. Re: 900 MHz cordless phone evaluations

Newsgroup: rec.radio.scanner
Date: 1994-09-10 02:16:15 UTC
From: bkelley@cup.hp.com
Message-ID: <34r4tf$mpf@hpindda.cup.hp.com>
Source record: 268931
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.2600,alt.cellular-phone-tech

Lloyd Edward Tate (lltate@peach.america.net) wrote:

What sort of encryption are we using now?

1994. Re: 2006 mods (cont'd)

Newsgroup: rec.radio.scanner
Date: 1994-09-10 02:25:57 UTC
From: cremer@delphi.com
Message-ID: <9409092223591.DLITE.cremer@delphi.com>
Source record: 269100

>I too, would love to hear about all those extensive mods for the 2006.
>Also the best antenna, amp, 2006 combination and how the computer
>interfaces work and which one works best... I know this is a lot of info
>to ask for but I am very curious and I LOVE MY 2006.

Me too, although I should say I love my PRO 2004. I'm in my easy chair and it is on the table to my left. Between us is an old Zenith laptop I've dedicated to running the CE-232 interface. I just bought the Commtronics unit a few weeks ago so I'm just starting to learn how to get the best use out of it. I really like the autoprograming feature. I just make up a file of frequencies in a simple spreadsheet program and then load them into the 2004. If I take the time to also add the identity of each freq to the file, I can use it as a lookup file while the scanner is running. Every time there
is a squelch opening, the computer displays the info.

I've just started to play with this toy, the program comes with a script language that allows for some fancy tricks like timed operation, search and log, search and log and lockout, and a bunch or other stuff I haven;t tried yet. Commtronics Engeneering has it's own BBS full of talk and tips about this machine. I think its on Fidonet.

I'm real curious about the Optoscan 456. I wish someone would report about what it can and can't do.

Charlie Cremer in the Northwest 'Burbs of Chicago

1995. Re: Faster RS PRO-2006 Scanning?

Newsgroup: rec.radio.scanner
Date: 1994-09-10 02:26:08 UTC
From: cremer@delphi.com
Message-ID: <9409092223592.DLITE.cremer@delphi.com>
Source record: 269101

>I know which diode and I know its effect in general but SPECIFICALLY- If I
>do get cut the diode and get the 2006 to scan faster, a)how much faster
>will it scan? b)will the speed button still offer a faster/slower option?
>and c)will it possibly cause me to lose alot of freqs I might otherwise
>catch, etc?

I have not heard of anyone having a problem from doing the diode speed-up. On my PRO 2004 I removed the diode that blocked 800MHz and inserted that same diode in another spot to accomplish the speedup. I don't know if that is the same for the 2006.

Bill Cheek, the guy that created the CE-232 computer interface for the 2004-2005-2006 says that the replacing the crystal speed-up mod sometimes messes up the CE-232. (Maybe the scanner goes too fast for the serial connection to the computer.) I wonder if it is compatible with the Optoscan-456?

Yours; Charlie Cremer

1996. Re: Cellphone to scanner!

Newsgroup: rec.radio.scanner
Date: 1994-09-10 02:35:10 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Sep10.023510.6274@hpcvaac.cv.hp.com>
Source record: 268934
Cross-posted to: alt.cellular-phone-tech,rec.radio.scanner

mjr@babs.syl.dl.nec.com (Matt Ranney) writes:
:
: Huh? As if my freedom as a cellular phone user isn't compromised by
: people like you. Yes, the industry should have had some foresight,
: but they didn't. What choice do we as users in this country have?
: It's not like there's another cellular system that we can use.

How is your freedom to use the phone compromised? Just because people can listen to your babbling - your ability to use it to babble is not lessened.

If you are concerned about someone overhearing the content of your call, use a landwire telephone. A slight inconvenience probably, but worth it for the added security.

The other thing you, and all other cellular users, can do is tell the providers to cancel your "service" - until they provide a decent encryption system. If their growth reversed, they would have such a system installed within a year.

: If the phone company decided that they would design a system
: today which transmitted private information by posting the information on
: billboards, this rationale suggests that the correct solution would be to
: pass a law regulating those who look at billboards.
:
: No it's not. Billboards are intended as a one-to-many medium, and
: every "user" of a billboard (the people who read them) use them this
: way. Some radio transmissions, such as cellular, are one-to-one
: transmissions, that happen to be recievable by others.

And, an unencoded signal that is broadcast is not meant to be received by many? Look up the definition of "broadcast" in a dictionary. If your signal was meant for one other receiver, then that receiver would be the only one that could receive the signal in the clear. The US Supreme Court made this rather clear with wireless phones - which have a much shorter range than cellular sets. Just because the cellular industry bought congress does not change this fact.

Force the industry to encrypt the signals, and I will support your right to privacy. Until then, you might as well be using megaphones to talk to the neighbor across the street.

Bill

1997. Why scan slowly?

Newsgroup: rec.radio.scanner
Date: 1994-09-10 02:47:25 UTC
From: ccartee@regal.cisco.com
Message-ID: <CCARTEE.94Sep9194726@regal.cisco.com>
Source record: 269102

I have a Bearcat 2500XLT, and it has options for normal and 'turbo'
scan. The 64k question, is what are the advantages to scanning fewer
number of channels per second? Is the scanner more likely to skip an
active transmission in a faster scan mode?

--

Claude Alan Cartee "I have neither the time nor the inclination to explain
1525 O'Brien Drive myself to a man who rises and sleeps under the blanket
Menlo Park, CA 94025 of the very freedom I provide...
ccartee@cisco.com ... and then questions the manner in which I provide it"
415 688-7801 -Col Nathan R. Jessep

1998. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-10 02:53:39 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Sep10.025339.6583@hpcvaac.cv.hp.com>
Source record: 269103

reece@eco.twg.com (Reece R. Pollack) writes:
:
: A couple of years ago Radio Shack started a campaign to update their
: mailing lists by asking for your name and address on even cash sales.
: This little pitch starts off with, "May I have the last four numbers
: of your phone number?"
:
: The first time I head this request, I answered "No". The salesman asked
: again, and again I said no. He then told me that without a name, address,
: and phone number, he couldn't complete the sale. I said that that was
: fine by me, and told him he'd just lost the sale.

Well, in my case, I really wanted to make the purchase. I told him to
make one up. I believe he said he used his brother's.

: Some people just don't understand that some of us just don't like being
: in all those corporate databases.

Yep.

Bill

1999. Re: RE-LAPSE

Newsgroup: rec.radio.scanner
Date: 1994-09-10 02:55:28 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Sep10.025528.6707@hpcvaac.cv.hp.com>
Source record: 269104

tony.fagler@hotelnet.com writes:
:
:
: Is rec.radio.scanner the same excat area as alt.radio.scanner or what ever the
: alt group is?
:
: Tony Fagler

No. alt.radio.scanner should be dying - since rec.radio.scanner has been created. However, people will probably continue to post to it, for years to come.

Bill

2000. Re: scanner to hear 26.5 thru 26.9 (or so).

Newsgroup: rec.radio.scanner
Date: 1994-09-10 03:06:13 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Sep10.030613.7043@hpcvaac.cv.hp.com>
Source record: 269105

pat.wilson@pplace.com (PAT WILSON) writes:
: I have a need to hear freqs in the 26 meg range and would appreciate it
: if someone could tell me where or which ones will do it. The cheaper
: the better, as i want to monitor just ONE frequency for noise. If you
: have a clue, clue me in please.

How about buying a old cb transceiver that used crystal synthesis. You
could get a crystal that would allow you to receive that frequency.

Bill

2001. Re: cell phone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-09-10 03:10:38 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Sep10.031038.7135@hpcvaac.cv.hp.com>
Source record: 269106

domonkos@access.digex.net (Andy Domonkos) writes:
:
: If the rush on cell-modifiable scanners resulted from the new regulations,
: I wonder if the sale of used M-60 fully automatic machine guns have gone
: up due to the new restrictions?

Nope. The new restrictions do not apply to them. At least, they do not
put any more restrictions on such ownership.

Bill

2002. Re: Yep Cordless phones again

Newsgroup: rec.radio.scanner
Date: 1994-09-10 03:21:14 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Sep10.032114.7371@hpcvaac.cv.hp.com>
Source record: 269107

TXD118@psuvm.psu.edu (Terry Dickerson) writes:

: AND PLEASE DON'T BUY RADIO SHACK IT'S SHIT.

The PRO-43 and PRO-2006 are two of the best scanners around.

Bill

2003. Re: cell phone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-09-10 03:53:36 UTC
From: copeland@metronet.com
Message-ID: <CvwAtD.3Fr@metronet.com>
Source record: 269108

```
In article <Mg6SkiubGA-1066yn@access.digex.net>,
Andy Domonkos <domonkos@access.digex.net> wrote:
>In article <2d.11076.603.0N85106E@exchange.com>, John Tant wrote:
>>
>
>If the rush on cell-modifiable scanners resulted from the new regulations,
>I wonder if the sale of used M-60 fully automatic machine guns have gone
>up due to the new restrictions?

Yes.

--
------------------------------------------------------------------------
| copeland@metronet.com |
------------------------------------------------------------------------
```

2004. Re: PRO-43: the truth

Newsgroup: rec.radio.scanner
Date: 1994-09-10 05:28:10 UTC
From: flarsen@garnet.berkeley.edu
Message-ID: <flarsen-090994212810@home.hip.berkeley.edu>
Source record: 269109

In article <34kj4g$lbv@Mercury.mcs.com>, mikebo@MCS.COM (Michael Borowiec) wrote:

> >
> There is little of interest in this range but surveillance bugs... why
> anyone would find this interesting is beyond me. Jerry is correct in
> that the Int'l versions of the 43 have different coils, etc. specifically
> for listening to 54-88. Bob Parnass has said simply restoring 54-88 Mhz
> by putzing with diodes yields horrible receiver performance in this band.
> Personally, I wouldn't bother...
> - Mike
> --

For those who want to know the reason for the 54-88 MHz band being available in some versions of the PRO-43 and many other scanners:

54-88 MHz is the VHF-Low band in Europe. The police in Copenhagen, Denmark is (or was) on 84.700 MHz.

Ooops, I can probably be arrested (in Denmark) for revealing that.

-- Flemming Larsen flarsen@uclink.berkeley.edu

2005. UNIDEN BEARCAT BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-09-10 06:14:00 UTC
From: don.droszcz@aquila.com
Message-ID: <f.5231.2391@aquila.com>
Source record: 268936

From Don Droszcz: I just bought a Uniden Bearcat BC2500XLT, and I heard it can be moded to 800 MHz. Does anybody know abuout this? or if they do, can you please leave a message on how to do this. Thank you all for your help. DON

2006. Re: Scanners Removed at RS

Newsgroup: rec.radio.scanner
Date: 1994-09-10 07:18:10 UTC
From: DPalmer@ix.netcom.com
Message-ID: <34rmji$icv@ixnews1.ix.netcom.com>
Source record: 269111

In <779085455@f747.n115.z1> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:

>
>Hi, All...
>
> Well, it looks like the ban debacle is continuing at Radio Shack.
>Apparently, the FCC turned up the heat a little more and were able to get
>the PRO-51 scanner removed from the shelves. This is in addition to the
>PRO-23 and the PRO-46 that were removed last month. Here is another twist
>that the FCC is pulling on Radio Shack...

Now I hear that they are not selling any remaining 2006s.

True?
--

David Palmer DPalmer@ix.netcom.com
Monterey, California 4108@mgs.com
MPTV Cable, Western Communications

2007. Re: How to Order from Canada RS

Newsgroup: rec.radio.scanner
Date: 1994-09-10 08:15:42 UTC
From: gunn@mprgate.mpr.ca
Message-ID: <1994Sep10.081542.27649@mprgate.mpr.ca>
Source record: 269112

mshafer@herbie.unl.edu (MICHAEL SHAFER) writes:
: E. Michael Shafer II
: University of Nebraska
: Electrical Engineer
: mshafer@herbie.unl.edu
:
: My local Radio Shack has one Pro-43 left. The serial number has no A
: after the 300 and its date code shows production before the
: change-over. Before I purchase it, I wanted to find out the process
: for ordering one from a Radio Shack in Canada. Does anyone have
: actual experience with this procedure? If I ordered one from Canada,
: would it have a broader range of freqs? Would there be no gaps in the
: scanning ability of the unit? Would any mods be needed and if so
: would they be the same mods I have for the U.S. version of the Pro-43?
: Do you have an exact dealer you have done business with, with his
: phone number and cost for unit plus shipping?
: Thanks for any and all info.
:
I don't know about the cost of the PRO-43 but I bought a PRO-2006 a few
months ago for $399.95 Canadian +GST+PST (1$ US = $1.40 CA approx). The
radio came with the cellular band disabled even though listening is not
illegal in Canada. I suspect that we may not have any better luck finding
cellular capable radios in Canada than you will in the US.

2008. Re: RADIO SHACK QUESTION

Newsgroup: rec.radio.scanner
Date: 1994-09-10 09:20:10 UTC
From: Lewis Krantz <lkrantz@delphi.com>
Message-ID: <hs5x3cK.lkrantz@delphi.com>
Source record: 269114

are you familiar with the computer controls offered for the pro models.
Requires no soldering, but does require installing a board.

2009. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-10 11:30:40 UTC
From: g9153402@huey.csun.edu
Message-ID: <34s5d0$n73@nic-nac.CSU.net>
Source record: 269115

Richard Crisp (crisp@netcom.com) wrote:

>It is intereting that the airlines are so inconsistent about this. For example,
>the Delta magazine specifically permits vhf scanners while prohibiting AM and
>FM radios (as if a scanner did not support AM or FM modulation modes!). On
>the other hand, American Airlines prohibits all radios of any frequency
>coverage from being used on the flightrs.

My unscientific thinking would assume that Delta would let you listen
to VHF 108-137 Mhz AM, because that's the air band the pilots are
supposed to be listening to. If their cockpit radios don't affect the
airplane's navigation, why should your scanner do it, since you're
doing the same thing?
But I can't see flight attendants walking up and down the airplane
checking passenger's scanners to make sure they're set on the right
frequencies. I just don't know how Delta would enforce it, but the
other airlines just take the easy way out (can't use any radios).

2010. Re: Red Arrows @ Duxford (UK)

Newsgroup: rec.radio.scanner
Date: 1994-09-10 11:31:38 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <779196698snz@javiaton.demon.co.uk>
Source record: 268928

In article <34ppuuINNimt@bhars12c.bnr.co.uk>
C.Thomson@bnr.co.uk "C Thomson" writes:

> Hello all,
>
> A friend has told me that the Red Arrows will be @ Duxford this
> weekend. Can anyone tell me their freq.

243.45MHz

> Any other freq for this event gratefully received.

Not off hand - sorry.

--
Cheers, I'll have a Taylors Landlord please.....
JC
/--\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
\--/

2011. BC-100XLT scanner mods?????

Newsgroup: rec.radio.scanner
Date: 1994-09-10 11:38:26 UTC
From: dorje@ios.com
Message-ID: <34s5ri$f5s@ios.com>
Source record: 268927

Lookung for mods for Bearcat BC-100XLT handheld scanner. Thanx in advance,
Chuck

2012. Re: Dallas/Ft. Worth FQ

Newsgroup: rec.radio.scanner
Date: 1994-09-10 11:48:02 UTC
From: mootpoint@aol.com
Message-ID: <34s6di$flg@search01.news.aol.com>
Source record: 269117

In article <30q05q$etf@search01.news.aol.com>, bsaladino@aol.com (BSaladino) writes:

The most complete list of freqs is on a BBS in Dallas called Alpha Drive and you can D/L it. Alpha's number is 817 321 3123, it can dailed as a local call from Dallas.

Hope this helps

2013. Re: SHUTTLE freq.

Newsgroup: rec.radio.scanner
Date: 1994-09-10 11:48:30 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <779197710snz@javiaton.demon.co.uk>
Source record: 269116

In article <779152423snz@dashx.demon.co.uk>
Clive@dashx.demon.co.uk "Clive A Churchward" writes:

> I understand that the current shuttle STS 64 (lunch 6.23 EST)
> that it will pass over England
> does anyone have a freq. I can tune into ?
>
> regards clive

Your best bet is to try the HF frequencies used by the Goddard
Amateur Radio Club that re-broadcast shutle comms:-

3860, 7185, 14295 and 21395 KHz

You might try UHF freq's 259.70, 296.80 - I very much doubt you
will here much on these though, I don't know how much they are
used during missions now.

279.00MHz is used by MMU's.

Much of the shuttle's comms use the S & KU Bands in various forms but voice
links are all in together with loads of other data etc.

Air-to-Ground : 2205.00, 2217.50, 2250.00, 2287.50(Primary digital link)
Ground-to-Air : 2041.90, 2201.40 MHz

--
Cheers, I'll have a Taylors Landlord please.....
JC
/--\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
\--/

2014. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-09-10 14:14:09 UTC
From: ah335@cleveland.Freenet.Edu
Message-ID: <34sevi$t3v@usenet.INS.CWRU.Edu>
Source record: 269119

First 2 questions.

Can you use the $2 coupon on the first purchase of the catalog?

If you buy a second catalog can you get $2 cash back if you bought the
second with a $2 coupon?

If the answer to the second questions is yes do this:

Pay two dollar for the catalog, use the $2 coupon to get another cat,
and return one of the catalogs for $2.

Now you have a catalog and you still have a $2 coupon to use and you have
your $2 back that you paid for the first catalog with.

2015. Re: PRO-43, LAST ONE!

Newsgroup: rec.radio.scanner
Date: 1994-09-10 14:17:42 UTC
From: gdallal@world.std.com
Message-ID: <Cvx3pI.K6q@world.std.com>
Source record: 268930

Flemming Larsen (flarsen@uclink.berkeley.edu) wrote:
: I found a local Radio Shack store that has one non-*A* PRO-43
: in stock.

In fact, there are still many to be had at local stores if people will only bother to look. Same goes for the 2006. People new to the hobby will probably think $350 is a lot to pay for a scannner when there are $200 and under options available. Triple conversion doesn't mean much to them, yet!

2016. Re: Bearcat BC2500XLT (beginner questions)

Newsgroup: rec.radio.scanner
Date: 1994-09-10 14:49:49 UTC
From: bonto@rwg.tiac.net
Message-ID: <34sh2d$kvt@sundog.tiac.net>
Source record: 269121

In article <779085754@f747.n115.z1>, Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> says:

> Hi, Claude...It's good and bad, depending on where you live. If you live
>in a metro area, the radio will be plagued by intermod. They have since
>improved the unit since last year, when the unit was plagued with battery
>problems and intermod problems beyond the norm of other units.
>
Hi,

I'm in the same situation as Claude in that I am trying to evaluate the Bearcat 2500XLT. I have some beginner questions. What is "intermod"? Can it be compensated for with extra gear? I live about five miles outside of Boston. Will intermod be a problem? How can I tell if the model on the shelf is one the the newer ones?

Thanks,

Bob Moore

2017. WHAT'S WRONG WITH MY RS-2006?

Newsgroup: rec.radio.scanner
Date: 1994-09-10 15:33:22 UTC
From: jmscamar@titan.ucs.umass.edu
Message-ID: <34sjk2$ntl@nic.umass.edu>
Source record: 269124

Most of the time (not always) after the scanner has been on for about 15 min a " carrier" type sound and a distorted voice or howl/squeal is present when a transmission occurs; this occurs exclusively in the 134 - 135 mhz am range. this is an internally generated noise and is not interference. The problem always clears up after the unit has been on long enough, after 45 min or so.

I'd like to get the unit repaired, but I'd like to know what the problem can possibly be and the probable cost, etc.

Would RatShack be the only place where repair could be done? I'm not so sure I trust those guys anymore.

Joe
--
---------- "Reservations are the condoms in the birth of new ideas" ---------
- T. "Twiggy" Rathbone; Chairman, Managing Director of RatHouse International-
*** Joe Scamardella at RatHouse International/ jmscamar@titan.ucs.umass.edu ***

2018. Re: VHF MARINE

Newsgroup: rec.radio.scanner
Date: 1994-09-10 15:45:18 UTC
From: milcom@netcom.com
Message-ID: <milcomCvx7rJ.zG@netcom.com>
Source record: 269123

USERID@InforMNs.k12.MN.US wrote:
: Does anyone have the vhf marine band freqs? EX. what freq. is channel 83
: thanks

keep in mind also that some marine radios like the better horizon line
have expansion channles which allow them to go up to 163mhz in 25khz steps.
I've heard marine operators on 157.9mhz, inbetween the mobile telephone
input channels.
--
POP: Persistant Online Procrastination milcom@netcom.com

2019. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-10 17:48:20 UTC
From: Dave & Jim Withrow <withrowd@delphi.com>
Message-ID: <5K1xPKM.withrowd@delphi.com>
Source record: 268925

Just to throw in another point - Rat Shack is now selling these micro-kits for about $10-$20. One of them is a FM xmtr on a PC board. Not sure what type of range it has, and from the picture on the front of the box, it looks like a mono only xmtr. Not sure what kind of range it has, but if you were to use it in the car, I don't think you'd need a whole lot of power. Am hoping to try one one of these days - am waiting for the price to drop from $19.95 (I think), but after a while, I guess they'll bring them down... (now why can't they do that with the neat stuff they sell, like the digital voice storage IC <$17.99 for as long as I can remember>)? Bought one and liked it. Want to daisy-chain a couple more of them to record over 20 sec. But oh well. Hope this helps anyone who can't track down the "Silent Play" gadget.
Jim

2020. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-10 18:08:07 UTC
From: smacken@aol.com
Message-ID: <34ssm7$kp5@search01.news.aol.com>
Source record: 268932

As a former employee of RS I feel compelled to respond to the considerable Abuse that RS employees have been taking in this and other forums about the various nets.

First I must ask you if you remember the 'OLD' slip of paper sales procedure that was used ?
If you do you must also remember the unacceptable amout of time it took to complete a sale !

Then as now you were perfectly capable of using another name and address at any time you wished. Or in most cases NONE even though it was against company policy !!

You must also be aware buy now that RS !!DOES NOT!! use the information supplied in it's point of sale data base for any purpose other than RS needs. This information has never been and i assume never will be sold to other data base companies !!

I like you I assume do not like the idea of getting flyiers in the mail selling everything onder the sun. Just because I made a contribution to my local PBS station.
I always use a misspelling in the situations. Which allows me to know who is selling lists.
Did you know the PHONE COMPANY still does this ??

OK ! Heres the hard sell part...

Yes, I have to agree that the RS salespeople are somewhat less informed than salespeople in say a HI-FI store.
But look at the selection of products available in a RADIO SHACK store.
I know that when I was an employee, There were guys who were self made experts in many things. Some CB, some stereo and some Computers.

RADIO SHACK makes every effort to train employees in every area of sales but their video tapes take a great deal of time to watch because of the huge variety of topics.

Just because one of them doesn't know the frequency of the secret service office in tacoma on thursdays doesnt mean that the employee is an idiot.

When I was employed by them I found that the majority of those I worked with were incredibly interested in my ability to listen to 'COOL' stuff on the scanners in the store.

Oh well... FLAME SHIELDS UP !!!!

Steve M. WB1DNZ

2021. Re: WHAT'S WRONG WITH MY RS-2006?

Newsgroup: rec.radio.scanner
Date: 1994-09-10 18:18:01 UTC
From: smacken@aol.com
Message-ID: <34st8p$kts@search01.news.aol.com>
Source record: 268926

Hmmmmm..

Sounds like you are hearing images from the 155 to 156mhz range which are in FM mode thus the howling sound.

Next time you turn on the rig and hear it try setting a search bank to the 155 - 156 range in fm mode and see what you hear.
If strong signals are present there see just how strong they are by first turning the attenuator on.
Then if still strong remove the external antenna and repeat the attenuator sequence and finally with no antenna at all.

If you find that the signals are strong I would reccomend the GROVE FTR-5 filter which along with a good brodcast filter has one tunable filter inside that you can notch out the strongest one.

Sounds to me like you are getting strong signal overload and not a problem with the radio.

Let me know. I'm curious to hear what you find.

Good luck

Steve M WB1DNZ

2022. You'll laugh, but...

Newsgroup: rec.radio.scanner
Date: 1994-09-10 18:37:09 UTC
From: shawn4sk1@aol.com
Message-ID: <34sucl$l7a@search01.news.aol.com>
Source record: 268933

Could someone "officially" explain STEPs to me? I think I have the basic idea down- If it's a 30khz step, the freqs will be assigned as, for example- 870.390, 870.420, 870.450, 870.480, etc. Right?

So is there ever anything in-between? And not by accident- I mean if the band area is allocated as a 30 step area, once they run out, do they have to get the freqs in-between approved for use or does the FCC just start dolling out the unused freqs?

Thanks in Advance!

soliver@ozarks.sgcl.lib.mo.us

2023. Pheonix Az. Freqs. needed

Newsgroup: rec.radio.scanner
Date: 1994-09-10 18:46:28 UTC
From: allds@indirect.com
Message-ID: <allds.45.0012C6DD@indirect.com>
Source record: 268949

Im looking for some freqs. for Phoenix and Tempe Az PD. I found a couple but they are sub stations and not to busy.

Thanks for any help!

_/_/_/

2024. Re: McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-10 19:22:41 UTC
From: sgregory@adam.com.au
Message-ID: <34t121$hk8@eve.adam.com.au>
Source record: 268935

Shawn4sk1 (shawn4sk1@aol.com) wrote:

: (yes, someone said that might be a good idea...)- I found the outside on
: 35.02 and the inside on 154.600- both of those were listed before as ones

It seems that these two freqs may be used globaly because they both are used
by all the McD's (that us the radio system) here is South Oz.

Cheers

Scott.

--

==
sgregory@adam.com.au (Scott Gregory)
Fidonet: 3:800/805.0 Adelaide, South Australia

PGP public key and fingerprint are available by
fingering sgregory@adam.com.au
==

2025. Re: You'll laugh, but...

Newsgroup: rec.radio.scanner
Date: 1994-09-10 20:11:06 UTC
From: nbschee@mailserv.nbnet.nb.ca
Message-ID: <nbschee.117.00142FFF@mailserv.nbnet.nb.ca>
Source record: 268945

In article <34sucl$l7a@search01.news.aol.com> shawn4sk1@aol.com (Shawn4sk1) writes:

>Could someone "officially" explain STEPs to me? I think I have the basic
>idea down- If it's a 30khz step, the freqs will be assigned as, for
>example- 870.390, 870.420, 870.450, 870.480, etc. Right?

>So is there ever anything in-between? And not by accident- I mean if the
>band area is allocated as a 30 step area, once they run out, do they have
>to get the freqs in-between approved for use or does the FCC just start
>dolling out the unused freqs?

Not a stupid question at all. To the best of my knowledge, there is not
supposed to be anything in between. The gaps are there so that each carrier
can have some space for its side bands; plus a little more to prevent
overlap. Hope this over-simplification helps.

From: nbschee@mailserv.nbnet.nb.ca
Saint John, NB, Canada

"He will wipe away all the tears from their eyes"

- Revelation 21:4

2026. :scanner to hear 26.5 thru 26.9 (or so).

Newsgroup: rec.radio.scanner
Date: 1994-09-10 20:45:17 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779213710@f747.n115.z1>
Source record: 268963

-=> Quoting Pat Wilson to All <=-

PW> From: pat.wilson@pplace.com (Pat Wilson)
PW>
PW> I have a need to hear freqs in the 26 meg range and would appreciate
PW> it if someone could tell me where or which ones will do it. The
PW> cheaper the better, as i want to monitor just ONE frequency for noise.
PW> If you have a clue, clue me in please.

Why not buy an inexpensive one or two channel walkie talkie? They will
cover the freqs in this range.

Jerry

2027. Anything better than "Police Call"?

Newsgroup: rec.radio.scanner
Date: 1994-09-10 20:50:27 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779213711@f747.n115.z1>
Source record: 268964

-=> Quoting Gleb Esman to All <=-

GE> I've recently travelled between Connecticut and NY and picked up a
GE> Police Call from local RS. What a waste of money! It either had a
GE> small number of frequencies for the areas I've been in or none at all.
GE> Plus the book printed on shittiest paper I've ever seen.
GE> Knowing approximate freq. plans I found A LOT of freq. not
GE> listed in P.C., including 2 bugs in a hotel where I was
GE> staying (what a surprise!).
GE> Anyone knows better frequency reference for CT? RS salesperson wasn't
GE> of much help as usial.

Hmmm...I found the Police Call book a pretty good resource for the IL cities. Even at the back of the book, there is an allocation directory to help search out those 'hidden' freqs like the two bugs you found. Beyond Police Call helps in that it covers hotels, casinos and some utilities.

Jerry

2028. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-10 20:50:53 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.91.000ED996@chevron.com>
Source record: 268938

In article <34r1h1$3jg@netnews.upenn.edu> caldwe33@futures.wharton.upenn.edu (Sean Caldwell) writes:

>Maybe this may help shed some light on the airline / scanner delima.

>There is good reason why they would specifically restrict the use of an
>AM/FM receiver: the FM band would create signals (add 10.? mhz to the
>receiving signal) in the aircraft band. If you were listening to a radio
>station at 108, you would actually be transmitting a small amount of
>energy near 118. This could interfere with the aircrafts radios.

>Scanners don't emit frequencies in those areas since they usually don't
>tune in 88-108.

Actually there are more frequencies used on board an airliner than just 118 to 136. Here are some examples:

Nav receivers (radiolocation) 108 MHz to 118 Mhz
VHF Com (two way) 118 MHz to 136 MHz
ILS Glideslope (Instrument Landing System) about 300 MHz to 350 MHz
Transponder (Interogated by radar) 1030 MHz 1060 Mhz
DME (Distance Measuring Equipment) 900 MHz to 1200 Mhz

There are other systems used on airliners but these are the primary that usually operate simultaneously for the duration of a flight (ILS is used for landing). In fact all of these systems are used by small private aircraft, not just the big jets. (I forgot to add LORAN and GPS - if the plane is equipped).

Receivers can cause interference on more than just their fundamental + IF (10.7 or whatever). Harmonics can be generated at multiples of this if the receiver is not well designed or is malfunctioning. I mentioned in a previous post that I have experienced interference from an FM stereo receiver at a distance of over 100 feet and more than 300 Mhz away.

All radios (avionics) used on commercially operated aircraft must meet tough technical standards of operation (TSO) set by the FAA plus appropriate type acceptance by the FCC. Your scanner has a Part 15 FCC ID sticker that meant something when it left the factory but with no maintenance requirements you really don't know what it's doing.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

2029. DePaul University Security freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-10 20:57:38 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779213712@f747.n115.z1>
Source record: 268965

-=> Quoting Matthew Cravit to All <=-

MC> Does anyone have the radio frequencies used by the DePaul University
MC> security people? If so, I would appreciate it if you could e-mail them
MC> to me.

Matt...
Try 463.2000, 463.9500 and 464.3375. Don't know which one will be
active, but one of these should yield results.

Jerry

2030. diff. between pro2006 and 2006a?

Newsgroup: rec.radio.scanner
Date: 1994-09-10 20:59:31 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779213713@f747.n115.z1>
Source record: 268966

-=> Quoting JAMES M. FRANK to All <=-

JMF> Is there a difference between the pro-2006 and
JMF> the pro2006A? If so, what?

2006 has a dimmer switch, the 2006A has a light switch...both on the
front panel.

JMF> also if you buy one of these now,are they modifiable?

Yes, both the 2006 and 2006A are modifiable.

JMF> Someone at radio shack said they sent some back
JMF> to make them unmodifiable even though they
JMF> had an early date on them, is this true and how
JMF> can you tell?

No, it is not true.

Jerry

2031. Mods for PRO-2021

Newsgroup: rec.radio.scanner
Date: 1994-09-10 21:06:58 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779213714@f747.n115.z1>
Source record: 268969

-=> Quoting Stephen Lui to All <=-

SL> I found a couple of mods for the PRO-2021 on oak.oakland.edu. Has
SL> anyone successfully tried these? Does anyone know what magazines (i.e.
SL> Monitoring Times) has mods for the PRO-2021 (also year, and month of
SL> the issue). I can go to the local libary and look up the original
SL> article.

Hi, Stephen...
The speed up mod does work. (That would be the one in which you change
the value of one of the resistors.)

First, you will need one 15K-ohm,1/4 or 1/2 watt resistor, radio solder
and a small soldering iron, and simple hand tools. Make sure the radio is
unplugged from its power source, and that the 9-volt memory battery is
removed! As you will be working in the area directly connected to the
microprocessor, failure to heed this advice may prove fatal to your
scanner!! Now, remove the upper case-half only by removing the four
screws (two per side) on both sides of the outer case, as well as the one
screw on the rear apron of the radio which fastens the upper case to this
surface. Carefully lift up the top case section and unplug the white
plastic two-conductor speaker plug, allowing removal of the upper case
entirely to simplify working inside the radio. With the scanner sitting
upright and facing you, locate resistor R-147 (a 39K-ohm resistor to the
left-front of the main board almost behind the vicinity of the LCD
display). Care-fully snip the leads at the resistor body with a pair of
sharp wire cutters to leave as much of the existing leads as possible.
Solder the 15K-ohm resistor to those remaining leads. If you wish to
totally replace R-147, it will be necessary to remove the lower case half
and unsolder an RF shield on the underside of the board; soldering the
new resistor to the old leads simplifies the process. Reassemble the
scanner in reverse order of disassembly, reinstall the memory battery
reconnect the scanner to the wall outlet; re program the memory, and you
will now have a radio that scans and searches three more channels per
second an improvement you can see as the numbers fly by.

/ ^^^ \
[0 0]
___000__ (") __000___

ROY J. CLOUTIER IN CHICAGO, IL.
CompuServe Address: 72440,412
Prodigy ID# (JGGM08D)
Don't stay up too late to night???

Uploaded with permission by Jerry Smith, in the 'Burbs of Chicago
CIS ID...73747,2143

Jerry

2032. PRO-43...

Newsgroup: rec.radio.scanner
Date: 1994-09-10 21:11:38 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779213715@f747.n115.z1>
Source record: 268968

-=> Quoting Andy Domonkos to All <=-

AD> The local RS has Pro-43 with mfr date 3A4 and an A prefix in the
AD> serial number. Has anyone modified this series unit (especially w/the A
AD> in the serial number)? Thanks...

Hi, Andy...I wasn't aware that there were some 'A' units manufactured in March, 1994 until someone let me know about it. The 'A' units, to my knowledge, can't be modified for continuous 800 Mhz coverage. You might want to open the unit up and see if there is a diode in the D4 position. Tandy could have been in a state of transition and just put the sticker on it as an 'A' unit.

Jerry

2033. Re: Scanners Removed at RS

Newsgroup: rec.radio.scanner
Date: 1994-09-10 21:14:42 UTC
From: gdallal@world.std.com
Message-ID: <Cvxn0J.CAF@world.std.com>
Source record: 268937

David Palmer (DPalmer@ix.netcom.com) wrote:

: Now I hear that they are not selling any remaining 2006s.

: True?

False. At least, I've seen them on display as of yesterday (9/9).

2034. RS PRO-2006, Speed & Cellular Mods

Newsgroup: rec.radio.scanner
Date: 1994-09-10 21:16:24 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779213716@f747.n115.z1>
Source record: 268967

-=> Quoting Berton Corson to All <=-

BC> I just ordered a Radio Shack PRO-2006, as a second scanner, to mainly
BC> grandfather myself into a second decent cellular modifiable model,
BC> before supplies are exausted.
BC> I understand the cellular mod, but I am confused about the scanning
BC> speed mod. The unit scans 26 frequencies per second, which isn't
BC> really that fast, when compared to scanners made today.
BC> But on reading a file I ftp'd on the subject, the speed mod will only
BC> increase the speed 13%. So 26 x 1.13 would equal a 29.38 speed after
BC> the mod. Is it worth it? My concern is, doing that mod may degrade
BC> some other performance within the scanner. Anyone know of any

There have been no ill effects to clipping the diode other than the
increase of scan rate to 30 cps. We could speculate why Tandy didn't just
go for the 30 cps and eliminate the diode, but who cares? It works good
with no degradation in performance. Just enjoy. <g>

Jerry

2035. Re: You'll laugh, but...

Newsgroup: rec.radio.scanner
Date: 1994-09-10 22:15:34 UTC
From: keithm@wicat.com
Message-ID: <1994Sep10.221534.4946@wicat.com>
Source record: 268944

shawn4sk1@aol.com (Shawn4sk1) writes:

>Could someone "officially" explain STEPs to me? I think I have the basic
>idea down- If it's a 30khz step, the freqs will be assigned as, for
>example- 870.390, 870.420, 870.450, 870.480, etc. Right?

>So is there ever anything in-between? And not by accident- I mean if the
>band area is allocated as a 30 step area, once they run out, do they have
>to get the freqs in-between approved for use or does the FCC just start
>dolling out the unused freqs?

>Thanks in Advance!

>soliver@ozarks.sgcl.lib.mo.us

There is a common misconception that radio transmissions cover
a single exact frequency. That a transmission on 870.450 is only on
that frequency and not on 870.451 or 870.449. This just isn't true.

Radio transmissions take up what is called "bandwidth". This means
that a transmission will take up some spectrum above and below its
center frequency. For narrow-band FM transmission (land-mobile, police
fire etc) this bandwidth is somewhere in the neighborhood of 10-15 Khz
(.010-.015 Mhz). A signal on 155.000 Mhz for example will go from
about 154.995 to about 155.005 Mhz. This all depends on the "deviation"
of the FM signal which for land mobile is usually +/- 5Khz.

Cellular transmissions are also FM, but use a little wider deviation
to allow a little better signal quality. Two signals on adjacent
channels (30Khz apart) will each "fill in" part of the space in between
and will actually overlap slightly.

So to answer your question, in between 870.450 and 870.480 there is
part of each transmission.

This may be getting a little deep for this group, but the amount of
"information" being transferred on a channel directly affects the
bandwidth. That is why land-mobile FM has a bandwidth of 15Khz,
broadcast FM stereo has a bandwidth of 200Khz, and broadcast television
has a bandwith of 6Mhz.

--
Keith McQueen, NACT, Inc | My opinions are |
Packet: n7hmf @ nv7v.UT.USA.NA | all mine... |
Internet: keithm@wicat.com | ...so there! |

2036. Help! scanning CB radio needed soon.

Newsgroup: rec.radio.scanner
Date: 1994-09-10 22:21:00 UTC
From: foxfire@stormbbs
Message-ID: <9409110600081604@stormbbs>
Source record: 268875

A>40 channel CB needed soon! It should be able to scan all 40 channels,
>stopping on any busy channel for as long as the channel is busy, then
>continue scanning. I would like a used one or to buy a new one by mail
>order.

I once had a ROADMASTER 40 channel CB that DID have scan and pres

2037. Re: UNIDEN BEARCAT BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-09-10 22:35:25 UTC
From: ab910@lafn.org
Message-ID: <1994Sep10.223525.6157@lafn.org>
Source record: 268955

In a previous article, don.droszcz@aquila.com (Don Droszcz) says:

>From Don Droszcz: I just bought a Uniden Bearcat BC2500XLT, and I heard
>it can be moded to 800 MHz. Does anybody know abuout this? or if they
>do, can you please leave a message on how to do this. Thank you all for
>your help. DON
>

there is a mod. but you had better have steady hands to do it. Surface
mount, don't you know.

1. locate the microprocessor chip " Uniden UC-1513A" and the chip
resistor under it marked "104". With a magnifier and fine soldering iron,
unsolder the lower left-most resistor, and move it one pad to the left.
Resolder it there.

The radio will scan in 30KHz steps.

There MAY be another board design for this radio. In that case this mod.
MAY not work on the other design.

If anyone has a keyboard mod. I'd like to hear of it!

Matthew D.

--
****
trust no one
****

2038. Radio Shack PRO-2006 Mod. Info

Newsgroup: rec.radio.scanner
Date: 1994-09-10 22:40:37 UTC
From: g9153402@huey.csun.edu
Message-ID: <34tcl5$oif@nic-nac.CSU.net>
Source record: 268939

The below was ftp'd off of oak.oakland.edu. I take no responsibility for the following. Use the below info at your own risk!

From: rats@ihlpm.UUCP

PRO-2006 Modifications

NOTE: The Electronic Communications Privacy Act of 1986 makes it unlawful to monitor mobile telephones, including cellular. The following modification is intended only to restore continuous 760-1300 MHz coverage as originally provided by the design of the PRO-2006 microprocessor.

BE SURE TO TEST YOUR PRO-2006 FULLY BEFORE ATTEMPTING THIS MODIFICATION. ANY MODIFICATION MAY VOID YOUR WARRENTY.

824-851, 869-896 MHz Frequency Restoration

Tools Required: small Phillips screwdriver, small wire cutters.

Procedure: With the power cord unplugged, remove the two rear cabinet screws holding the upper cover. Lift off the upper cover, being careful not to stretch the speaker leads. Examine the inner, right-hand-corner of the front panel to find two glass diodes, labelled D503 (upper diode) and D502 (lower diode).

Using the clippers, very carefully snip the visible lead of the lower diode (D502) at its bend and slightly separate the cut ends. If it is ever necessary to send the radio back for warrenty repair, the diode leads should be carefully resoldered.

Reassemble, plug in AC cord, turn on scanner, and press RESET.

Keyboard Beep Delete

With the top cover removed as described above, locate connector CN3, a 15-pin connector with colored wires at the front of the main circuit board. There are two precedures which will stop the beep tone from being heard through the speaker; read both to decide which procedure you want to follow.

(1) Find the center grey wire coming from CN3 and cut it midway to disable the beep tone. You may wish to solder a resistor in series to reduce the beep volume, a trimpot to vary the volume of the beep tone, or a minature switch to choose between beep and no beep.

(or)

(2) Using a pair of needle-nose pliers, CAREFULLY pry the plug from CN3, revealing a row of pins. Locate the center pin (#8) which corresponds to the grey wire and bend it down flat, disabling the beep circuit. Reinsert the plug. The pin may be erected again later to restore the beep tone if desired.

This completes the restoration procedure. Reattach the cover and replace the screws.

WARRANTY REPAIR

Should it be necessary during the first year of ownership of your new PRO-2006 to exercise your warrenty, it should be carefully double-boxed (as you received it) and returned to Grove Enterprises. Be sure to include a copy of the original bill to establish warranty privileges.

You must prepay only shipping and insurance; return shipping and insurance to you will be paid by the dealer.

Grove Enterprises, P.O. Box 98, 140 Dogbranch Road
Brasstown, NC; 1-704-837-9200
==========

pas@jupitercmc.ca (Peter Stokes)
Date: Tue, 27 Oct 1992 18:38:46 GMT
Reply-To: pas@jupiter.ic.cmc.ca
Sender: usenet@venus.ic.cmc.ca (News Administrator)

nguyen@aladdin.eng.hou.compaq.com (Nghia Nguyen) writes:
|>
|> Has anyone tried the Scanning Speed Mod on the PRO-2006.
|> Any side-effect? A guy from Marymac told me the mod
|> increases scanning speed significantly.
|> nvn

There are two diodes behind the "3" key on the keypad. Clipping one restores cellular, clipping the other increases scan speed by about 13%. I did this to my Pro-2006 after the warranty expired and did indeed measure a 13% scan and search speed increase. I don't think this has had any adverse effects on the radio although its theoretically possible that the increased scan speed might cause the radio to miss some carriers - but this is purly speculation on my part.

Cheers,
Peter

Peter A. Stokes ~~~~~~~~ pas@jupiter.ic.cmc.ca ~~~~~~~ (613) 545-2923 ~~~~~
~~~~~~

From: thieleke@icaen.uiowa.edu (Jeffrey Ray Thieleke)
Date: Wed, 28 Oct 1992 01:23:09 GMT
~~~~~~

horak@convex.com (David Horak) writes:

>pas@jupitercmc.ca (Peter Stokes) writes:

>>There are two diodes behind the "3" key on the keypad.
>>Clipping one restores cellular, clipping the other
>>increases scan speed by about 13%. I did this to my

>What about the crystal mod. The Pro-2004 and Pro-2005 could be revved up
>with a faster crystal. According to the Scanner Mod Handbook #2 (by Bill
>Cheek), it is theoretically possible to increase the Pro-2006 in the same
>manner, although he warns that he hasn't personally tried it. Since it
>already scans *much* faster than the 2004/5 (Hyperscan) with a 12 MHz
>crystal, he cautions that it may or may not work. HAS ANYONE TRIED A
>CRYSTAL FASTER THAN 12 MHZ IN THE PRO-2006?

Yes, I have done the Crystal mod. I used a 16.630 MHz crystal from an old
cordless phone (no bull), and I got a big speed increase (approx. 46 channels
per second). I tried several different crystals, ranging from 16MHz to 39MHz,
and my results seem to indicate that the highest crystal freq. should be about
18 MHz. If the crystal is too fast, the 2006 just uses the 3rd harmonic (ie
a 39MHz crystal operates like a 13Mhz.)

From: ross@novax.llnl.gov

>>The Scanner Mod Handbook #2 says to replace the 12 MHz crystal with something
>>faster; however, the author, Bill Cheek, says he hasn't actually tried it. I
>>haven't either, although I'd be interested in knowing if it is a successful
>>mod.
>

Well gang, right after I got my Mod handbook 2, I tore into my 2006. At first I
tried a 20 MHz xtal, the processor locked up and not all the LCD display
segments were happy (I had already done the diode clip speed mod). So I tried
an 18 MHz xtal, same problems. I contacted Cheek (the author) and he reported
that 16 MHz was the safe upper limit as he had seen no lockups at that speed
and higher speeds had produced lockups on SOME units.

So I changed xtals again. The 16 MHz runs fine without any loss of sensitivity
and I find enough delay left to still be able to use it (a faster
microprocessor xtal shortens delay time).

My favorite 2006 mod is a wired remote control (Monitoring Times Aug 91 - Bill
Cheek). I added a few extra parts and can control the following functions from
a six foot detachable cord: Scan, Manual, Search up, and Search down. Searching
is a snap when you can't reach the keyboard or it is dark.

Gary

From: IN%"horak@eugene.convex.com" 7-NOV-1992 11:49:43.95
From: horak@eugene.convex.com (David Horak)

Subject: RE: PRO-2006 Scanning Speed Mod.

Well, I changed the crystal in my Pro34, which is the same type of crystal and harder to get to than the 2006; however, I haven't changed the 2006 crystal yet. Some of the following instructions come from the Scanner Mod Handbook Vol. 2 on removing the logic board. Please read it all before doing anything. If you royally screw up your scanner, IT IS NOT MY FAULT!!!!!

Before you start anything, make sure you are at a static safe workstation. Unplug the A/C power cord. Remove the top and bottom covers. Remove the 4 countersunk machine screws from thesides of the front panel, then gently pull the panel away from the main chassis. All wires and cables will have to be disconnected from the top and bottom of the logic board (the board that the crystal is on). This will cause your memory channels to be lost and you will have to reprogram them :-((If you can work around it, you could leave CN-3, a 15 wire connector, connected to save your memories). At this point you may have to desolder a ground wire from the chasses going to the bottom of the logic board metal shield. Next, remove 6 small screws that secure the logic board to the front panel. Then, face the inside of the front panel placed in an upright position and locate the white 13-pin connector (CN-501) at the upper left corner of the board. This connector doesn't have any wires, just metal pins going into it. Gently pry this connector apart with a small flat blade screwdriver and the board should slip away from the plastic front panel and come loose in your hand. Also, you may need to remove the volume and squelch knobs. Desolder the metal shield at six places around the logic board and lift it up and off the board. This is fairly easy to do with a low wattage soldering iron. Apply pressure with your fingers while the shield is heated at each leg. As the solder melts, that leg of the shield will slip upward and pop free. Now there are two choices. If you have an air sucking soldering iron, you can procede to desolder each of the three leads. If you have a normal iron, this will be impossible. The remaining choice is to crush the crystal with a pair of needle-nose pliars until only three leads remain sticking up off the board. Then you can heat and remove each of the three leads. The center lead is ground. You will only use the outer two leads when installing the new crystal. It would be a good idea to insulate the body of the crystal with shrink tubing (whatever you do, don't use electrical tape!) to avoid it shorting out to another component. The crystal will have to be bent over so that the metal shield can fit back on top of the logic board. Before you completely hook everything back together, get the scanner in a usable state and make sure it works. It would be a real bummer to tear it all apart because something is wrong.

Hope this helps,

David

---

alt.radio.scanner
Subject: Pro2005/6 SSB MOD HERE!
From: horak@convex.com (David Horak)
Date: Mon, 31 May 1993 18:04:59 GMT

I had a few requests for this mod so I thought everyone would benefit...

This is the mod for adding SSB capability to your Pro2005/2006. It is taken in part from Bill Cheek's Scanner Mod Handbook Volume 1. As long as you have a shortwave receiver with an external antenna jack and capability to tune to 455 KHz, you can interface it to the Pro2006 with this mod. It is best if you use a static safe work environment to perform this mod and you should have some technical knowledge. Also, a schematic would be helpful but is not necessary.

You will need the following parts:

Output jack (I use a 1/8 mini earphone jack but some like a BNC. The 1/8 mono jack is easier to install because you don't have to drill as big a hole in the back of the unit)

.01 uF capacitor

5 Kohm resistor (1/4 watt)

6 inches of mini coax or other shielded cable

A cable to run from the 2006 to your shortwave. I use the shielded cable that has the 1/8 plug on one end and a phono plug on the other end (1992 catalog Radio Shack P/N 42-2444 works for me). The phono plug is perfect for the antenna input of my DX440 shortwave receiver.

The first step is to remove the cover of the unit and drill a hole in the back of the 2006 for your 1/8 or BNC plug. (You will want to wrap some tape around the drill bit about an inch from the end to keep it from cruising right on into the electronics once it punches through the metal!) Solder the 5K resister to one end of the .01 uF cap. Solder the other end of the cap to the shielded coax wire. Solder the other end of the coax to your 1/8 phono plug (or BNC) and ground the cable at this end. Now that the cable is in place you are ready to connect it to the 455 KHz source which is D33. It is on the top circuit board near the middle left, not too far from a huge capacitor. Solder the end of the resistor to the cathode of D33. (This should be the top of the standup part) Now you can test it out before you put the cover back on to make sure you did everything correct. You should be able to tune to some local airport or CB frequency on your 2006 and receive the same thing on your shortwave (with it tuned to 455 KHz and hooked up to the 2006 of course). If you tune something on your scanner that is SSB, you should be able to switch your shortwave to SSB and tune in the signal just fine. Beware of one thing, since the 2005/6 only tunes in 5 KHz increments minimum, you may notice from time to time that the signal on your shortwave isn't real clear. It may be that you will need to tune the shortwave anywhere from 451 to 459 KHz to tune in the signal well!

If you don't succeed or this description has you baffled you probably shouldn't be doing the mod in the first place. I assume no responsibility for screwups. Good luck

David

==========

Compiled for garfield.catt.ncsu.edu, world.std.com and other FTP servers by:

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

2039. Radio Shack PRO-2030 Mod. Info

Newsgroup: rec.radio.scanner
Date: 1994-09-10 22:47:03 UTC
From: g9153402@huey.csun.edu
Message-ID: <34td17$oif@nic-nac.CSU.net>
Source record: 268940

The below I ftp'd off of oak.oakland.edu. I take no responsibility for the following. Use at your own risk!

THE FOLLOWING IS INFORMATION ON HOW TO RESTORE THE PRO-2030, TO FULL 800 mhz coverage, as it was originally designed. But be aware, that monitoring of cellular frequencies may be against the law, in your country of residence. If in doubt, check with the proper authorities.

Modification to restore cellular frequencies in the Radio Shack PRO-2030 Scanner.

This mod is essentially the same as the PRO2026 except the location of the jumper is slightly different.

1. Remove power cable.
2. Turn unit upside down.
3. Remove five (5) recessed screws from bottom panel.
4. Carefully remove bottom panel.
5. With display panel facing you, locate the jumper marked L201 on the circuit board attached to the display. It will be about 2" in from the from and 2" in from the right side. It will look like a RF coil.
6. Cut the jumper marked L201.
7. Reinstall the bottom and reconnect power. Scanner is ready for use.
8. Cellular frequencies are now restored with 30 Khz channel spacing.

Please note: I picked up this mod from the FIDO net. I have never completed the mod myself because I own the 2006. But I do have the service manual and this is the diode that locks out the cellular band. Even the specs show this diode connected to pin 10 of the microprocessor. This pin is the STRAP OPTION CELLULAR SKIP. Too easy!

2040. Re: Scanners Removed at RS

Newsgroup: rec.radio.scanner
Date: 1994-09-10 23:00:18 UTC
From: g9153402@huey.csun.edu
Message-ID: <34tdq2$oif@nic-nac.CSU.net>
Source record: 268941

Jerry Dallal (gdallal@world.std.com) wrote:
> David Palmer (DPalmer@ix.netcom.com) wrote:

> : Now I hear that they are not selling any remaining 2006s.

> : True?

> False. At least, I've seen them on display as of yesterday (9/9).

It depends on the store. Company owned stores, to my knowledge, were told to take them off the shelves and send them back. Evidently, some 2006's were made after the new law to effect in April 1994. But there are some RS franchises that still have them in stock, and other retailers (like Grove Ent.) and they're selling them until they're all gone. Once they are all gone, which probably will be very soon, if not already at most stores, they'll be gone for good. The PRO-2006 model is no longer being manufactured...

2041. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-09-10 23:05:55 UTC
From: g9153402@huey.csun.edu
Message-ID: <34te4j$oif@nic-nac.CSU.net>
Source record: 268942

Richard Banks (ah335@cleveland.Freenet.Edu) wrote:

> First 2 questions.
> Can you use the $2 coupon on the first purchase of the catalog?
> If you buy a second catalog can you get $2 cash back if you bought the
> second with a $2 coupon?
> If the answer to the second questions is yes do this:
> Pay two dollar for the catalog, use the $2 coupon to get another cat,
> and return one of the catalogs for $2.
> Now you have a catalog and you still have a $2 coupon to use and you have
> your $2 back that you paid for the first catalog with.

Not this again!!!! I guess it is theoretically possible to leave the
store with 1,000 catalogs, doing this. That is, if you want that
many catalogs, and the store is willing to sell them all to you.
But remember, for each purchase, you will have to fork out sales tax.
The coupon won't cover the whole purchase then, at least not in Calif.

2042. Re: Radio Shack PRO-2030 Mod. Info

Newsgroup: rec.radio.scanner
Date: 1994-09-10 23:13:19 UTC
From: g9153402@huey.csun.edu
Message-ID: <34teif$oif@nic-nac.CSU.net>
Source record: 268943

Berton Corson (g9153402@huey.csun.edu) wrote:

> Modification to restore cellular frequencies in the Radio Shack PRO-2030
> Scanner.
> 5. With display panel facing you, locate the jumper marked L201 on the
> circuit board attached to the display. It will be about
> 2" in from the from and 2" in from the right side. It will look
> like a RF coil.

But FYI, the newer PRO-2030 s (Radio Shack still sells them) don't have a
L201. I haven't heard if the new units are modifiable, but they may not.

2043. Re: PRO-43 The Latest

Newsgroup: rec.radio.scanner
Date: 1994-09-10 23:25:19 UTC
From: steven@sgb.oau.org
Message-ID: <Cvxt28.IKC@sgb.oau.org>
Source record: 268979
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Skip Lombardi (lombardi@bedford.progress.com) wrote:
: Appologies for not inserting this into the "Pro-43 The Truth" thread,
: but I am truly inept with vi.

: I've just been notified by a friend that my Pro-43 is un-modifiable by
: the method posted here recently from the June 1992 issue of "Monitoring
: Times." He found no diodes and had do do more de-soldering than the
: mods suggested.

: The good news is that he got it back together and it works fine outside
: of that magical 8xx bandwidth.

: My scanner's serial number does indeed begin with the letter A, and the
: tag inside the battery compartment reads A4A.

: I hope I've saved some of you some hassles.

Well, I have a strong suspicion that if a diode is *added* between
the two points the original diode was placed (even if you have to
trace the pads on an older unit to figure what chips / points on
the board it connected to) it *may* restore the cellular. Any
1N914 would do, Rat Shack used to sell them in packages of 20 for
a small price.

Really, this mystery is FAR from over. I mean we need to know many
important facts:

[1] Is the CPU the same one used in the INTERNATIONAL models?
[1a] If so, what is different?
[1b] If not, is this the case with newer, more recently manufactured
models?

[2] Are the pads still there where the diode used to go?
[2a] If so, has anyone tried adding a diode at the place you used to
remove one?

[3] We are assuming that new locked out in CPU means end of the world,
well it is dumb and stupid to think they would make one type of
CPU for the (small, growing smaller) US market and another for the
(larger and growing) international market. If the rule states it
must be locked out in CPU, has *anyone* thought that the new CPU
may have followed the law "to the letter" and not intent, meaning
it now tests for the absense of a component. Since they have not
documented "what the component is" nor "how to restore the newer
units", it would meet the letter of the law, because the can
simply state "modification is not a simply add a part because the

part needed is unavailable to those in the US and is not
documented". The point is, a 1N914 needs to be placed between
the two places the old one was removed from before we can assume
NO, it can not be done. If this is done and it still shows no
improvement, then I will believe it can not be done.

[4] Someone needs to compare the international model to the new US
version. I do not have the capital $$$ to do such a test, but
to the person who does so, he has the potential to make a fortune
by making up a kit of instructions and or parts and selling them
as a conversion KIT which is legal and can not be meddled with
by the FCC.

[5] What about the european restore mod -- for 54-88 mhz? I know
mine allowed it, that was where you re-installed the diode you
removed. Did they automatically include that segment in the new
model? This is starting to *really* stink of suspicion there
are ways to upgrade it -- still to be found. I say that because
I know companies do not stock 2 of everything for a product just
so they can supply international and domestic. They make the
products main components usable in both with minor modifiable
differences. Let's face it, there will not be enough US sales
to justify their manufacturing division to stock two boards, two
CPUs, two of everything... Radio Shack is not Noah's Ark!

No, I must conclude the evidence is still inconclusive. If anyone does
follow further on this from any of the above, please e-mail me in
addition to a posting here -- I would sure want/like to know!

Thank you,

Steven
--
Steven G. Bradley | Internet: steven@sgb.oau.org
Forest City, Florida, USA | steven@gate.net
---------------------------------------+----------------------------------
Home: 407/862-7226 | CompuServe: 73232,505
Work: 407/578-8007 ext 1196 | America Online: sgbradley

2044. pro-2006 520mhz-760mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-10 23:57:33 UTC
From: seltzes@iia.org
Message-ID: <34th5e$44n@ankh.iia.org>
Source record: 268946

Has anyone ever heard of a modification for the RS Pro-2006 that will take out the 520-760 mhz hole? or can anyone recommend a scanner that doesn't have such a limitation?

-seltzes@iia.org

2045. Mobile repeater range

Newsgroup: rec.radio.scanner
Date: 1994-09-11 00:01:50 UTC
From: m24636@mwunix.mitre.org
Message-ID: <34thde$o0b@newsflash.mitre.org>
Source record: 268948

What's the average range for a UHF mobile repeater?

I heard a conversation on one while in the car, but when I got home 1/2 mile away, the BC890 with the rooftop antenna had a count of 00 for that channel.

chip

2046. 2023 mods wanted!

Newsgroup: rec.radio.scanner
Date: 1994-09-11 00:13:45 UTC
From: noc@video.ne
Message-ID: <34ti3p$h0m@lastactionhero.rs.itd.umich.edu>
Source record: 268947

Please post some realistic pro-2023 mods (cellular or any).

-noc@video.net

2047. Re: Bought a BC8500XLT...mistake?

Newsgroup: rec.radio.scanner
Date: 1994-09-11 01:48:08 UTC
From: Positrac@ix.netcom.com
Message-ID: <34tnko$fl7@ixnews1.ix.netcom.com>
Source record: 268950

In <nfrancis.28.00099BE3@indiana.edu> nfrancis@indiana.edu (Nat Francis) writes:

>
>I'm new to scanning. I recently bought an BC8500XLT for $350. I reasoned
>that it was Uniden's best scanner, and had the added benefit of an
>alphanumeric display (can program in a name for the freq display; e.g., Dallas
>Police).
>
>1. Was this a mistake? Are there flaws in the design of this model? Is this
>model now discontinued?
>2. The technical specs in the manual are lousy. Anyone
>have info such as receiver sensitivity, etc.?
>3. I'm not particulary interested in cellular coverage, but...is there a way
>to modify this model for continuous 800 mhz coverage? I am picking up
>cellular in the 1268 - 1280 mhz range. These are images, right?
>4. Without an alphanumeric display on scanners with 500 to 1,000 channels, how
>in the world does someone remember what all of those channels are assigned to?
>5. I can't program an alphanumeric display to the channels above bank J (251 -
>500). Am I doing something wrong, or is this a limitation? The manual
>doesn't say anything about this limitation, and the ad pictures for this model
>clearly show an alphnumeric display on channel 500.
>
>Any help would be appreciated. Thanks.
>
>Nat Francis, nfrancis@indiana.edu
>
Wondering myself......frown!

2048. Re: Mobile repeater range

Newsgroup: rec.radio.scanner
Date: 1994-09-11 02:17:55 UTC
From: af546@yfn.ysu.edu
Message-ID: <34tpcj$4vi@news.ysu.edu>
Source record: 268952

OK, let's talk average here.......Assuming the repeater was a 100 watt transmitter along with a receiver at .25 microvolts @ 10-12 dB SINAD along with the standard spurious rejection equivelants and a acceptable amount of selectivity.......add in a standard duplexer with say around 1.5dB RX and TX insertion loss all set say on a frequency pair of 452.050mhz/457.050mhz (RX/TX respectively).......say with a 10 dB omni directional antenna located say.......100 feet above ground level with the repeater on the "tenth floor" of a building using say.......25 feet of 7/8 inch hardline antenna feed......assuming that this structure is at a point of the highest terrain within a given radius of 40 miles taking into consideration of the curvature of the earth along with other various given locations where the elevation is equa to or greater than our system under "test".......using a mobile receiver with a rating of 15 % less of what our repeater receiver specs have to offer.........
taking into consideration of co-channel interference and other man made and atmospheric conditions.........opps! along with a 5dB roof mount mobile antenna........assuming that the terrain the mobile is exposed to is of hilly or rolling content............

Roughly 35 miles.......

CB'ers don't try this one at home <grin>

Seriously though a fraction of most of the above data could make a major change in "usable communications range".

Let's put int this way.....It takes BIG bucks to erect a commercial or public safety repeater system to get great distances especially when we're dealing with poor terrain etc.

TR[D
--

2049. Advice solicited

Newsgroup: rec.radio.scanner
Date: 1994-09-11 02:35:23 UTC
From: dusty@svpal.org
Message-ID: <34tqdb$3a3@svpal.svpal.org>
Source record: 268885

At present I'm using a Pro-46 and have a discone on a 10' mast. I'm just about ready to buy a new base model and have no idea what to look for. I'm budgeting about $300+/-. Any suggestions, comments or anything?
Dusty

2050. Fast Food Frequencies - What have you heard?

Newsgroup: rec.radio.scanner
Date: 1994-09-11 02:53:41 UTC
From: dcomer@dmcmicro.win.net
Message-ID: <26@dmcmicro.win.net>
Source record: 268951

I too am intriqued by the McD's, Burger King, Wendys, etc. fast food frequencies. My question is asside from tackling the challenge to determine the location of the transmisions, has anyone heard any interesting (alleged?) conversations on these frequencies? It would seem to be a shame to invest the time and effort into locating the transmission and not here something, huh? Although, I have to admit, it helps to have the scanner on when ordering cuz the speaker at the windows are in dire need of repair...

Thanks,

Dave Comer

2051. Re: pro-2006 520mhz-760mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-11 03:03:07 UTC
From: g9153402@huey.csun.edu
Message-ID: <34ts1b$880@nic-nac.CSU.net>
Source record: 268953

Slow Bob in the Lower Dimensions (seltzes@iia.org) wrote:
> Has anyone ever heard of a modification for the RS Pro-2006 that will take out
> the 520-760 mhz hole? or can anyone recommend a scanner that doesn't have
> such a limitation?
> -seltzes@iia.org

Haven't heard of any. It may be the circuitry to get this range just
doesn't exist in the scanner. In any event, there isn't much to scan
in that range, as far as I know, aside from UHF television stations.
Purchasing a TV should work better in this range. Not only will you
hear the transmissions, you'll see them too! :)

2052. BCT-2 Beartracker

Newsgroup: rec.radio.scanner
Date: 1994-09-11 03:15:02 UTC
From: jmoschell@aol.com
Message-ID: <34tsnm$smp@search01.news.aol.com>
Source record: 268954

Does anyone have info about the Bear Tracker. What are the frequencies
that it uses internally.

2053. RS 2004 with mods For Sale

Newsgroup: rec.radio.scanner
Date: 1994-09-11 04:40:32 UTC
From: robinett@cscns.com
Message-ID: <robinett.21.0015AD9D@cscns.com>
Source record: 268956

I want to sell may Radio Shack 2004 Scanner for $240. It has the cellular, scan speed, and 400 channel modifications already completed. Works great. I'm selling it because I just bought a $380 RS 2006 and $290 Opto 456 interface.

Rob Robinette
44 N. Sherwood Glen
Monument, CO 80132
(719) 488-9028

2054. Re: McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-11 05:18:31 UTC
From: fever@winternet.com
Message-ID: <34u3v7$mn@blackice.winternet.com>
Source record: 268958

Scott Gregory (sgregory@adam.com.au) wrote:
: : (yes, someone said that might be a good idea...)- I found the outside on
: : 35.02 and the inside on 154.600- both of those were listed before as ones
: It seems that these two freqs may be used globaly because they both are used
: by all the McD's (that us the radio system) here is South Oz.

Well, I've thought about this for a couple days now and still haven't found
any good reason why anyone would want to listen to McDonalds frequencies...
Please excuse my ignorance if I am missing an obvious one, Anyone wanna clue
me in? 8-)

2055. Re: RS Car Antenna Splitter Question

Newsgroup: rec.radio.scanner
Date: 1994-09-11 05:31:28 UTC
From: lancecr@netcom.com
Message-ID: <lancecrCvyA0J.LrD@netcom.com>
Source record: 268959
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Sort of a related question:
Is it worthwhile to hook the Pro-2006 to my regular car antenna? It will require taking the dash slightly apart (not a problem, just a pain) and I get ok reception with the 2006 sitting on the seat using it's own telescoping antenna.

I don't know if I'm getting bad reception because I have no reference, could be I'm missing all sorts of great stuff and don't know it...

Thanks for any help or comments!
Lance
--
lancecr@netcom.com

2056. Re: RS Car Antenna Splitter Question

Newsgroup: rec.radio.scanner
Date: 1994-09-11 05:35:11 UTC
From: Dave & Jim Withrow <withrowd@delphi.com>
Message-ID: <JU4yvef.withrowd@delphi.com>
Source record: 268957

Yeah, Chris,
Had one of those splitters in the car (and still do) for my ancient Regency Touch K-100 (smack it around, jiggle the knobs, wiggle the cord, cross your fingers and check for a pulse..) No difference b/n the AM & AM/FM outputs, at least to my ears. Maybe if you lived in a fringe area - but I don't know if there are any internal components in that thing either. At the very most, all that could be is a cap or two or mebbe a coil. Just thot I'd jump in and give ya my $ .02.

Jim

2057. San Antonio freqs, please...

Newsgroup: rec.radio.scanner
Date: 1994-09-11 06:55:44 UTC
From: szhoag@dale.ucdavis.edu
Message-ID: <34u9lg$8d7@mark.ucdavis.edu>
Source record: 268960

[Article crossposted from alt.radio.scanner]
[Author was Phillip (szhoag@dale.ucdavis.edu)]
[Posted on 11 Sep 1994 06:51:40 GMT]

Hello. This may be a repeat post, but the news server here went spastic...

I will be traveling to San Antonio soon, and would like to know the most current freqs for FIRE and PD. I have "Monitor America", but it may not have recent changes. Also, I would like to know if there are any local laws regarding portable scanners there (I have a PRO-43).

Thanks in advance,

==========-->>**88**<<--==========
Phillip Hoag "We all agree your theory is crazy,
* EMT-1A, Volunteer Firefighter but is it crazy enough?" -Niels Bohr
* Yolo Co. Heavy Rescue -->...All opinions, stupid comments,
Woodland, CA whatever, are mine and only mine...<--
==========-->>**88**<<--==========

2058. Re: faster 2006 scanning?

Newsgroup: rec.radio.scanner
Date: 1994-09-11 07:56:08 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <34ud6o$f3u@freenet3.scri.fsu.edu>
Source record: 268961

David Palmer (DPalmer@ix.netcom.com) wrote:
: In <34n3f8$t47@search01.news.aol.com> shawn4sk1@aol.com (Shawn4sk1) writes:
: How's the DELAY rate? I thought that it would decrease the delay time,
: so I have not had the guts to try it.
: --
: David Palmer DPalmer@ix.netcom.com
: ----------

This does decrease the delay, but you can extend it to as long as you
want with a simple mod from one of the Scanner Modification Handbooks.

chuck

2059. Re: Why modify scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-09-11 08:47:02 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <34ug66$gir@freenet3.scri.fsu.edu>
Source record: 268962

Paul Schuh (schuh@phys.unca.edu) wrote:
: Kelvin Lawson (pulse@sv.span.com) once wrote:
: : Forgive me for asking a (probably) obvious question but what are all the mods
: : that people mention here meant to do ?
: About the same thing as adding a Souped-up holley carburator to a hot rod.
: : Are they around because the scanner manufacturers have changed their products
: : so you need to modify them to be able to hear cellular transmissions ?
: Not necessarily... see the answer above.
: --
: Paul Schuh UNCA Society of Physics Students

Cellular restoration is only one of many things you can do (depending on
the flexability of your scanner). You can add other frequencies, speed-up
the scan/search rate, increase memory, add a SWR meter, interface with a
computer, etc.

chuck

2060. Re: OptoScan 456

Newsgroup: rec.radio.scanner
Date: 1994-09-11 09:51:32 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Sep11.015132.4534@cmkrnl>
Source record: 268975

In article <1994Sep10.021039.5781@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
> :
> : ie this isn't a substitute, but rather a supplement, for the 6400-channel mod.
> : (which was recently expanded to 25600 channels!!)
>
> Is this a new modification by Bill Cheek? Is it in a new handbook by him?

I don't know who invented it, but Bill definitely wrote it up in his newsletter. It's the same idea as the 6400-channel mod: Replace the RAM with a bigger one, and add a way to control the extra address lines for selecting which "bank of banks" you want.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

2061. Re: Radio Shack PRO-2006 Mod. Info

Newsgroup: rec.radio.scanner
Date: 1994-09-11 09:53:47 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <34uk3b$hqv@freenet3.scri.fsu.edu>
Source record: 268970

Berton Corson (g9153402@huey.csun.edu) wrote:
: PRO-2006 Modifications
: Subject: Pro2005/6 SSB MOD HERE!
: From: horak@convex.com (David Horak)
: This is the mod for adding SSB capability to your Pro2005/2006. It is
: taken in part from Bill Cheek's Scanner Mod Handbook Volume 1. As long
: as you have a shortwave receiver with an external antenna jack and
: capability to tune to 455 KHz, you can interface it to the Pro2006 with
: this mod. It is best if you use a static safe work environment to
: perform this mod and you should have some technical knowledge. Also, a
: schematic would be helpful but is not necessary.
: You will need the following parts:
:- Output jack (I use a 1/8 mini earphone jack but some like a BNC. The
: 1/8 mono jack is easier to install because you don't have
: to drill as big a hole in the back of the unit)
:-.01 uF capacitor
:- 5 Kohm resistor (1/4 watt)
:- 6 inches of mini coax or other shielded cable
:- A cable to run from the 2006 to your shortwave. I use the shielded
: cable that has the 1/8 plug on one end and a phono plug on the other
: end (1992 catalog Radio Shack P/N 42-2444 works for me). The phono
: plug is perfect for the antenna input of my DX440 shortwave receiver.
: The first step is to remove the cover of the unit and drill a hole in
: the back of the 2006 for your 1/8 or BNC plug. (You will want to wrap
: some tape around the drill bit about an inch from the end to keep it
: from cruising right on into the electronics once it punches through the
: metal!) Solder the 5K resister to one end of the .01 uF cap. Solder
: the other end of the cap to the shielded coax wire. Solder the other
: end of the coax to your 1/8 phono plug (or BNC) and ground the cable at
: this end. Now that the cable is in place you are ready to connect it
: to the 455 KHz source which is D33. It is on the top circuit board
: near the middle left, not too far from a huge capacitor. Solder the
: end of the resistor to the cathode of D33. (This should be the top of
: the standup part) Now you can test it out before you put the cover
: back on to make sure you did everything correct. You should be able
: to tune to some local airport or CB frequency on your 2006 and receive
: the same thing on your shortwave (with it tuned to 455 KHz and hooked
: up to the 2006 of course). If you tune something on your scanner that
: is SSB, you should be able to switch your shortwave to SSB and tune in
: the signal just fine. Beware of one thing, since the 2005/6 only tunes
: in 5 KHz increments minimum, you may notice from time to time that the
: signal on your shortwave isn't real clear. It may be that you will
: need to tune the shortwave anywhere from 451 to 459 KHz to tune in the
: signal well!

: David
: Brad Steinman, N8ZRP

I get a squeal at 455kHz on my DX-440, so I asked Bill Cheek at Commtronics Engineering what to do. He said: "I think the DX-440 is receiving it's own IF at 455kHz, hence the squeal. You should first be sure all other nearby radios are turned off because 455kHz is a common IF frequency. If the DX-440 just has this as a problem, we can always tap 10.7MHz out of the PRO-2005 at pin 1 of IC1 and otherwise follow the rest of the steps..."
"This might actually give better results than tapping 455kHz anyway!"
I assume this would also be pin 1 of IC1 in the 2006, but check to make sure.
chuck

2062. Frequency for O'Connell High School? [REQUEST]

Newsgroup: rec.radio.scanner
Date: 1994-09-11 12:50:50 UTC
From: Schoen@ix.netcom.com
Message-ID: <34uufa$1v8@ixnews1.ix.netcom.com>
Source record: 268972

Does anyone have the frequency for O'Connell High School in Arlington, VA? This is a private, Catholic high school, so I don't know if they would have a business license or a local government-school license. I do know they use radios, because I have seen several people carrying and using them. They are Motorola radios with a medium length, thin, and flexible antenna. This implies they are in the UHF band. I have looked in Beyond Police Call, where they list another nearby Catholic school, but they do not list O'Connell. I have also looked in the Scanner Master book for Virginia/Metro D.C.

Thanks in advance for any help,

schoen@ix.netcom.com

2063. Re: faster 2006 scanning?

Newsgroup: rec.radio.scanner
Date: 1994-09-11 12:55:43 UTC
From: g9153402@huey.csun.edu
Message-ID: <34uuof$5t1@nic-nac.CSU.net>
Source record: 268971

Charles Richards (chuck62@freenet3.scri.fsu.edu) wrote:
> David Palmer (DPalmer@ix.netcom.com) wrote:
> : In <34n3f8$t47@search01.news.aol.com> shawn4sk1@aol.com (Shawn4sk1) writes:
> : How's the DELAY rate? I thought that it would decrease the delay time,
> : so I have not had the guts to try it.
> : --
> : David Palmer DPalmer@ix.netcom.com
> : _____

> This does decrease the delay, but you can extend it to as long as you
> want with a simple mod from one of the Scanner Modification Handbooks.

> chuck

What's that mod???

2064. Handheld Radio Antenna Lengths

Newsgroup: rec.radio.scanner
Date: 1994-09-11 12:57:22 UTC
From: Schoen@ix.netcom.com
Message-ID: <34uuri$25v@ixnews1.ix.netcom.com>
Source record: 268974

What are the average lengths and widths for handheld radio antennas? (e.g. UHF--3 or 4 inches and stubby) I am curious about this because Police Call gives descriptions of antennas on vehicles, but not on handheld radios. Also, it seems as though some bands can use two different types of antennas. Please clarify this for me.

Thanks in advance,

schoen@ix.netcom.com

2065. Re: McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-11 13:07:23 UTC
From: caldwe33@futures.wharton.upenn.edu
Message-ID: <34uveb$krs@netnews.upenn.edu>
Source record: 268973

: Well, I've thought about this for a couple days now and still haven't found
: any good reason why anyone would want to listen to McDonalds frequencies...
: Please excuse my ignorance if I am missing an obvious one, Anyone wanna clue
: me in? 8-)

My local MCD has the repeater output on 154.57 and the input at 171.105.

Yes, the fun may be limited in listening. Talking with them is fun too.

2066. Re: Fast Food Frequencies - What have you heard?

Newsgroup: rec.radio.scanner
Date: 1994-09-11 13:12:23 UTC
From: caldwe33@futures.wharton.upenn.edu
Message-ID: <34uvnn$krs@netnews.upenn.edu>
Source record: 268976

David M. Comer (dcomer@dmcmicro.win.net) wrote:
: I too am intriqued by the McD's, Burger King, Wendys, etc. fast food
: frequencies. My question is asside from tackling the challenge to
: determine the location of the transmisions, has anyone heard any
: interesting (alleged?) conversations on these frequencies? It would

Yes...I hear them talk about what a pain in the ass some customers are whenever I tune in driving by. The young little girls on the headsets sometimes talk about hot little boys that are in the store or driving by. They sometimes complain about other employees. But most of the time its boring.

2067. Re: PRO-43 the truth

Newsgroup: rec.radio.scanner
Date: 1994-09-11 13:30:58 UTC
From: steven@sgb.oau.org
Message-ID: <Cvyw7p.3wn@sgb.oau.org>
Source record: 268983

F. Barry Mulligan (mulligan@ACM.ORG) wrote:
: ROSS@NOVAX.LLNL.GOV (Gary Ross) wrote:

: > 1999 must be a typo.

: Nope, 47 CFR 15 was revised effective 23 June 1989. Manufacturers of all
: receivers must comply with the new rules within the 10 year transition
: period. Other unlicensed equipment had a five year cutoff.
: /* barry /&

I am not familiar with this item -- the FCC does not regulate
receiving devices and what is wrong with the new PRO-43s that
needs it to cease being made in 1999? Which rule/law is it
violating now? Is this just to keep the manufacturers busy making
new models? I do *not* understand it... Oh I do understand one
aspect, the international trade will skyrocket!

What *d* new *f* rule is this talking about (having to exercise some
restraint here, hence the *d* and *f* terms, you figure them out!)

This only would apply to units purchased in the US as there is no
way the US can impose its nazi style government on other nations!

It's time we went back to kits or atleast a device which in itself
is not a scanner or receiver, using software from a PC to drive it
and determine its range -- something the stupid idiots in the
whitehouse can't *f* with!

Tell us *more*...

Steven
--
Steven G. Bradley | Internet: steven@sgb.oau.org
Forest City, Florida, USA | steven@gate.net
---------------------------------------+----------------------------------
Home: 407/862-7226 | CompuServe: 73232,505
Work: 407/578-8007 ext 1196 | America Online: sgbradley

2068. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-11 13:43:00 UTC
From: sysop@pfzrfsg.com
Message-ID: <29e.2597.21@pfzrfsg.com>
Source record: 268980

* In a message originally to ALL, Berton Corson said:

BC> My unscientific thinking would assume that Delta would let you listen
BC> to VHF 108-137 Mhz AM, because that's the air band the pilots are
BC> supposed to be listening to.

On a flight last year I was unaware of Delta's policy regarding scanners as published in their flight magazine. I wanted to use my Pro-43 so I asked a flight attendant if I could speak with the captain. I was taken to the cockpit and explained to the flight crew what I wanted to do. They asked me a few questions about the equipment. They were not sure what the policy was until the first officer remembered seeing something in their official flight procedure and regulation book. He looked it up and found essentially the same wording I later saw in the Delta magazine. After a few more minutes of discussion (they were very interested in the equipment) they told me it would be OK (with no restriction on the frequency) but not to use it during takeoff and landing. They were even kind enough to provide me with the frequencies they would be using enroute, including the company frequencies.

BC> If their cockpit radios don't affect the airplane's navigation, why should
BC> your scanner do it, since you're doing the same thing?

One argument I have heard is that the airplane's equipment is specifically designed and certified not to interfere with other electronic devices in the plane. This argument holds little water as it is inconceivable that the tiny emission from the scanner's 10.7MHz mixer could find its way to any onboard avionics with sufficient energy to cause interference.

BC> But I can't see flight attendants walking up and down the airplane
BC> checking passenger's scanners to make sure they're set on the right
BC> frequencies. I just don't know how Delta would enforce it...

During the flight a flight attendant saw me using the scanner (I had it propped up against a window and was listening with earphones). She asked me what it was. I told here that it was a radio scanner. She became concerned and told me she did not think I was allowed to use it (apparently also unaware of the official policy). I told her that I had cleared it with the captain. She then left (I should say that she was very polite during the entire exchange) and returned a few minutes later. She said that she had confirmed that I did have the captain's permission and reminded me to tun it off during the landing (we were airborne for about 20 minutes at this point). I was not questioned again during the rest of the flight (but did get some looks from other attendants as they went up and down the aisle).

BC> ...the other airlines just take the easy way out (can't use any radios).

I agree with this statement. When something is not understood, or their is no interest in understanding, the simple solution is the *ban*.

I would like to put in a good word for Delta. I was very impressed with the professional attitude of the crew, their willingness to be accommodating, and their assistance with frequency information. It made for a very enjoyable flight!

Internet E-Mail: sysop@pfzrfsg.com (System Supervisor)

2069. Re: Bearcat BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-09-11 15:08:29 UTC
From: HARRY ROBERTSON <gascan@delphi.com>
Message-ID: <R0zxHsd.gascan@delphi.com>
Source record: 268977

Carl Steckler <cjs9@cornell.edu> writes:

>>I was thinking about getting a Bearcat 2500XLT scanner for use at
>>airshows and listening into 220-400Mhz range. I haven't see nmuch
>>traffic go by about this unit. Any experiences good or bad?

I have both the BC2500XLT and the Pro43. (bot the 43 just because it was
being closed out to a "new non modifiable" unit)

I have liked the 2500 but it seems to have a problem with static now.
The 43 is very impressive, smaller and easier to walk around with.

The features on the 2500 are better, but for the money and size I
think that the 43 may be a better way to go.

Harry

Orchides forum trahite cordes et mentes veniant.

2070. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-11 15:11:21 UTC
From: glr@ripco.com
Message-ID: <Cvz0uy.3sz@rci.ripco.com>
Source record: 268981

SMacken (smacken@aol.com) wrote:

: As a former employee of RS I feel compelled to respond to the considerable
: Abuse that RS employees have been taking in this and other forums about
: the various nets.

: First I must ask you if you remember the 'OLD' slip of paper sales
: procedure that was used ?
: If you do you must also remember the unacceptable amout of time it took to
: complete a sale !

: Then as now you were perfectly capable of using another name and address
: at any time you wished. Or in most cases NONE even though it was against
: company policy !!

: You must also be aware buy now that RS !!DOES NOT!! use the information
: supplied in it's point of sale data base for any purpose other than RS
: needs. This information has never been and i assume never will be sold to
: other data base companies !!

According to Bernie Appel, when I asked to him two years ago that Point-of-
Sale information *IS* used for purposes beyond Radio Shack's own... he said
they were VERY open and willing to provide that information to law enforcement,
and proceeded to give an example of where they searched through their records
for people that bought certain types of stuff and provided a mailing list
based on that selection to the F.B.I.

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
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2071. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-11 15:12:40 UTC
From: glr@ripco.com
Message-ID: <Cvz0x5.3tx@rci.ripco.com>
Source record: 268982

Dave & Jim Withrow (withrowd@delphi.com) wrote:
: Just to throw in another point - Rat Shack is now selling these
: micro-kits for about $10-$20. One of them is a FM xmtr on a PC board. Not
: sure what type of range it has, and from the picture on the front of the box,
: it looks like a mono only xmtr. Not sure what kind of range it has, but if you
: were to use it in the car, I don't think you'd need a whole lot of power.
: Am hoping to try one one of these days - am waiting for the price to drop
: from $19.95 (I think), but after a while, I guess they'll bring them down...
: (now why can't they do that with the neat stuff they sell, like the digital
: voice storage IC <$17.99 for as long as I can remember>)? Bought one and
: liked it. Want to daisy-chain a couple more of them to record over 20 sec.
: But oh well. Hope this helps anyone who can't track down the "Silent Play"
: gadget.
: Jim

I just run a cord from the headphone jack on my scanner to teh CD/AUX input
on the car radio. Works great.
--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
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2072. Re: UNIDEN BEARCAT BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-09-11 15:17:29 UTC
From: HARRY ROBERTSON <gascan@delphi.com>
Message-ID: <Z08RH8R.gascan@delphi.com>
Source record: 268978

Matthew Davies <ab910@lafn.org> writes:

>
>there is a mod. but you had better have steady hands to do it. Surface
>mount, don't you know.
>

I have a bc2500 whic was modified. Recently it seems to be
"static(y)". What could be causing that?

The static seems to be in the unit itself.

Harry Robertson

2073. Spread Spectrum

Newsgroup: rec.radio.scanner
Date: 1994-09-11 15:55:34 UTC
From: tonyrush@bga.com
Message-ID: <34v99n$df9@giga.bga.com>
Source record: 268984

Someone recently posted the name of a text on Spread
Spectrum communications. Please re-post. As I recall it
was fairly old but still pertinent.

While on the subject.... Am I correct in my understanding that
the real difficulty in decoding spread spectrum digital comm lies
in that there is no way, with present available technology, for
a computer to "know" when it has successfully decoded the transmission.
It therefore becomes a tedious, manual process. And since some
systems randomize the manner in which the data is coded each
time they are used, one must start over for every transmission.
How is this coding coordinated between the handset and base?
Doesn't one have to "tell" the other how to decode the signal?

#include <std.disclaimer>

-Tony Rusho

2074. Re: How to Order from Canada RS

Newsgroup: rec.radio.scanner
Date: 1994-09-11 16:06:02 UTC
From: steven@sgb.oau.org
Message-ID: <Cvz3E3.5oL@sgb.oau.org>
Source record: 268987

Neil Gunn (gunn@mprgate.mpr.ca) wrote:
: mshafer@herbie.unl.edu (MICHAEL SHAFER) writes:
: : E. Michael Shafer II
: : University of Nebraska
: : Electrical Engineer
: : mshafer@herbie.unl.edu
: :
: : My local Radio Shack has one Pro-43 left. The serial number has no A
: : after the 300 and its date code shows production before the
: : change-over. Before I purchase it, I wanted to find out the process
: : for ordering one from a Radio Shack in Canada. Does anyone have
: : actual experience with this procedure? If I ordered one from Canada,
: : would it have a broader range of freqs? Would there be no gaps in the
: : scanning ability of the unit? Would any mods be needed and if so
: : would they be the same mods I have for the U.S. version of the Pro-43?
: : Do you have an exact dealer you have done business with, with his
: : phone number and cost for unit plus shipping?
: : Thanks for any and all info.
: :
: I don't know about the cost of the PRO-43 but I bought a PRO-2006 a few
: months ago for $399.95 Canadian +GST+PST (1$ US = $1.40 CA approx). The
: radio came with the cellular band disabled even though listening is not
: illegal in Canada. I suspect that we may not have any better luck finding
: cellular capable radios in Canada than you will in the US.

Big difference -- while it "came with it disabled", there are probably
still the diodes available - meaning OPTION to turn it on. Heck, why
could not they have put in a DIP switch bank in the battery
compartment -- would have made it easier! Big difference!

Steven
--
Steven G. Bradley | Internet: steven@sgb.oau.org
Forest City, Florida, USA | steven@gate.net
---------------------------------------+----------------------------------
Home: 407/862-7226 | CompuServe: 73232,505
Work: 407/578-8007 ext 1196 | America Online: sgbradley

2075. Scanner Frequencies, LA to SF

Newsgroup: rec.radio.scanner
Date: 1994-09-11 16:32:20 UTC
From: petersse@nic.cerf.net
Message-ID: <34vbek$evk@news.cerf.net>
Source record: 268986
Cross-posted to: rec.radio.scanner,ca.driving

Any pointers to up to date FTP sites would also help.

Thanks,

Scott Peterson

2076. Re: You'll laugh, but...

Newsgroup: rec.radio.scanner
Date: 1994-09-11 17:03:30 UTC
From: mjr@crl.com
Message-ID: <34vd92$nah@crl3.crl.com>
Source record: 268988

In article <1994Sep10.221534.4946@wicat.com> keithm@wicat.com (Keith McQueen) writes:
>
>>So is there ever anything in-between? And not by accident-
>
>>soliver@ozarks.sgcl.lib.mo.us
>
To which Keith replies...

> There is a common misconception that radio transmissions cover
>a single exact frequency....
>
... much good stuff on *spread* of a complete signal and bandwidth
deleted.....

I think the original question though was about primary channels (central or carrier frequencies)... The part of the answer that interests me is how one knows when the step (particularly a large one) lies on that multiple of the step that starts at the official beginning of the band... A band beginning (say) at 850Mhz (just being hypothetical here) and using a 30khz step might start (have its first assigned channel) at 850.010Mhz and then go to 850.040, 850.070, etc. I suppose this would be a most EXCELENT application for a scope like the Grove SDU-100, but what if you DON'T have one :-)?

Still to answer the question (I hope), YES, there are sometimes to be found other channels in between, often belonging to alternate services that share the band. For example the Amateur 70cm band is primarily allocated to military use (mostly RADAR of certain kinds). The steps, and/or bandwidth required even bandwidth may vary. More commonly allocations to broad government entities ("municipal government" for example), may end up being used by numerous agencies that don't all (though usually do) share the same band plan...

I'm curious about documentation of these differences. The references I have usually list frequencies and do not compare them to band plans where such exist (except for the 800Mhz area). Also remember that the 2M area (used by govt. alot above and below the amateur area) is stepped typically at 5khz, so it would be hard to get in between that! My guess is in 10 years or so (with tighter equipment specs), channels may be 2.5khz appart for some uses.

--
matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70371,255 Internet: mjr@crl.com

2077. Re: McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-11 17:11:02 UTC
From: shawn4sk1@aol.com
Message-ID: <34vdn6$ads@search01.news.aol.com>
Source record: 268989

Hey FEV,

Let's not have this dull, boring debate about what the fun is in listening to fast food freqs- haven't you been with the group for awhile? It's been discussed a billion times...

Conclusion: Why did you buy a scanner in the first place? To listen to things other people can't. Nuf said.

soliver@ozarks.sgcl.lib.mo.us

2078. Re: Fast Food Frequencies - What have you heard?

Newsgroup: rec.radio.scanner
Date: 1994-09-11 17:30:04 UTC
From: wwhitby@aol.com
Message-ID: <34veqs$aov@search01.news.aol.com>
Source record: 268990

I have heard two female employees talking about how good their boyfriends were in bed. They didn't seem to know that anyone with a scanner within a mile radius heard them too.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

2079. Re: cell phone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-09-11 17:38:52 UTC
From: copeland@metronet.com
Message-ID: <Cvz7ot.1Ks@metronet.com>
Source record: 268998

In article <34ql7l$sia@pdx1.i.net>, Warren Leach <warren@bluesky.com> wrote:
>In article <2d.11076.603.0N85106E@exchange.com>, John Tant wrote:
>>
>> [snip]
>> ... In a couple of
>> years, I predict that the two PRO-2006's I bought a couple of years ago,
>> and never modified BTW, will be worth some big money.
>>
>> John
>
>Not to burst any balloons, but in a couple of years, the cellular
>industry will be using a significant number of digital phones and no
>scanner I know of (other than a modified cellphone) can decode that.

Due to the vast number of analog cell phones out there already, it will
take at least 5 years before any significant turn over to digital phones
occur, even if they were available everywhere right now.

One testiment to slowness of change: there are still cell phones out
there on the old outdated freqs being supported (~153mhz and others).

There is an appeal to having a scanner with no government mandated
blockout, even if the signal is digital and can't be listened to.
Sort of like the disdain people have for buying a car with a speed
limiter on it, even though they will never drive fast enough to hit the
limiter.

--

| copeland@metronet.com |

2080. Emory

Newsgroup: rec.radio.scanner
Date: 1994-09-11 19:03:12 UTC
From: spiel@unix.cc.emory.edu
Message-ID: <34vk9g$o6r@emoryu1.cc.emory.edu>
Source record: 268993

Does anyone know the frequencies of the Emory U. Police Dept. in Atlanta?
If so please e-mail me. Thanks in advance.

-Stephan Piel

2081. Re: RS PRO-2006, Speed & Cellular Mods

Newsgroup: rec.radio.scanner
Date: 1994-09-11 19:12:25 UTC
From: Danny Little <dlittle@fox.nstn.ca>
Message-ID: <69775.dlittle@fox.nstn.ca>
Source record: 268991

On 9 Sep 1994 02:26:52 GMT,
Berton Corson <g9153402@huey.csun.edu> wrote:

>My reasoning is, why would Radio Shack manufacture a diode, and have
>it installed in all these scanners, which did nothing but degrade the
>performance of the scanner? It just wouldn't make sense to me for
>Radio Shack to increase their cost of making this scanner, by putting

Hi Berton! Well, as a happy owner of a Pro 2004 an older 300 channel unit that is now pretty much a 2006 as far as channel and scan rate goes, it does make you wonder. BUT when you think of the Research and Development that goes into these things, it's not suprising that maybe they'd want to do this and after a few years of 2004 sales, introduce the NEW AND IMPROVED 2006! Guessing only, but it would explain how they could get a whole new model with a very small amount of change. No big deal really. Car manufacturers have been doing it for years.
--
Danny Little From Halifax, Nova Scotia
dlittle@fox.nstn.ca Canada's Ocean Playground

2082. Re: PRO-43 the truth

Newsgroup: rec.radio.scanner
Date: 1994-09-11 19:12:46 UTC
From: g9153402@huey.csun.edu
Message-ID: <34vkre$l6h@nic-nac.CSU.net>
Source record: 268992

Steven Bradley (steven@sgb.oau.org) wrote:

> It's time we went back to kits or atleast a device which in itself
> is not a scanner or receiver, using software from a PC to drive it
> and determine its range -- something the stupid idiots in the
> whitehouse can't *f* with!

You're right. It probably won't stop with scanners. As the year's progress, it may be harder to tell apart a radio from a computer. The two will be very interconnected, possibly even to the point where a PC, which extremely fast processors coming, will be able to figure out scrambling and/or digital encoding done on a specific frequency, and translate it real time. So digital cellular, may not be as secure as it is now. In any event, watch for restrictions on software, by the govt, which won't admit that laws governing receiving certain over-the-air transmissions (eg. cellular) are just unenforceable. The same will hold true with computers, but the airheads in Congress can't figure out how to tie their shoes, let alone advances in technology.

2083. What's The "World's Best" scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-11 19:22:26 UTC
From: g9153402@huey.csun.edu
Message-ID: <34vldi$l6h@nic-nac.CSU.net>
Source record: 268994

O.K. What IS the world's best scanner, and what countries can they be purchased, along with costs, specs, and so on?

I mean, I want to know the best. My goal is to find the following features in one handy unit:
1 hz to 3 Ghz coverage. All modes, no gaps.
Can hear everything from submarines, sw, to space aliens.
Super fast, thousands of channels, and all the handy options found on today's expensive scanners.
Able to interface with other devices, can decode scrambled/digital signals.
I want this scanner to do everything, but optional are:
wash windows,
does the laundry,
does the shopping,
and can also cook.
Although that would be nice too.

Votes/Suggestions of which scanner this is, or any new models coming?

2084. paging software

Newsgroup: rec.radio.scanner
Date: 1994-09-11 19:36:41 UTC
From: vector@inferno.com
Message-ID: <20032JRNKOJPYUFKYTW@inferno.com>
Source record: 268995

IS>I know this really doesn't belong on this list, but I don't know
IS>anyplace else to ask.
IS>I beleive this has been posted before, but either I don't have it anymore,
IS>or I am mistaking. Is there any software available on the internet,
IS>that allows you to page someone on their beeper, that allows letters as
IS>well as numbers.
IS> Thanks in advance for any and all information.
IS>Darrell Jordan--Stujorda@acs.eku.edu
motorola makes software for the "advisor" pagers. advisors are
alphanumeric and capable of displaying approximately 80 characters of
text per message. (i've got one, they're pretty neat, but service is
expensive). unfortunately, motorola is pretty strict on not letting
regular customers having the software, and would rather have customers
call the 800# provided to send pages (and charge you up the ass for it
too). my only guess for them not letting the general public have the
software is so they can try to sell the nifty $400 desktop miniature
keyboard & display that would be used by someone like your secretary at
work to send you messages. the only real advantage to having the
software is that you can send vulgar / disgusting messages with it that
the dispatchers at the 800# would normally just hang up on you for! :)

vector@inferno.com
IS>BITNET Stujorda@eku.bitnet

2085. Re: Bearcat BC2500XLT (beginner questions)

Newsgroup: rec.radio.scanner
Date: 1994-09-11 20:07:17 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779296972@f747.n115.z1>
Source record: 269007

-=> Quoting Bob Moore to All <=-

BM> Hi,
BM>
BM> I'm in the same situation as Claude in that I am trying to evaluate
BM> the Bearcat 2500XLT. I have some beginner questions. What is
BM> "intermod"? Can it be compensated for with extra gear? I live about
BM> five miles outside of Boston. Will intermod be a problem? How can I
BM> tell if the model on the shelf is one the the newer ones?

Hi, Bob..."Intermod" (short for the term 'Intermodulation') is the mixing of two signals inside the radio and coming up with reception of a third. This third frequency is usually not the frequency you are trying to listen to and may become mixed with the frequency actually being monitored. Most radios have intermod. Some just resist them better than others.

The units all have a date code on the back of the radio. New units that can be still modified for continuous coverage are 0LIC (meaning 12/93) and were the ones that showed remarkable improvements. Current units are running 0FID or so. It has been reported on CompuServe that these units are no longer capable of modding for continuous 800 Mhz coverage as they have installed the new chip in this one.

The BC 2500 is about to be discontinued to make way for the BC 3000XLT. Not sure what features it will have but has been speculated that service search, (found on the BC220, Pro51 (made by Uniden for RS) Sportcat 150) will be included on this unit.

Find a place that takes returns and take it for a test drive. The features are excellent.

Jerry

2086. Re: Bearcat/PRO mods via touch pad

Newsgroup: rec.radio.scanner
Date: 1994-09-11 20:08:47 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779296973@f747.n115.z1>
Source record: 269009

-=> Quoting JAMES M. FRANK to All <=-

JMF> Now I have to reprogram the 70 some channels I cleared.:|

You were warned! <g>

Jerry

2087. Re: Scanners Removed at RS

Newsgroup: rec.radio.scanner
Date: 1994-09-11 20:18:55 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779296974@f747.n115.z1>
Source record: 269008

-=> Quoting David Palmer to All <=-

DP> Now I hear that they are not selling any remaining 2006s.
DP>
DP> True?

Not to my knowledge. The '2006 should still be legal until they are all sold. These were manufactured before the law kicked in and can be sold until the inventory is depleted.

Jerry

2088. Re: PRO-43 the truth

Newsgroup: rec.radio.scanner
Date: 1994-09-11 20:19:13 UTC
From: tls@gate.net
Message-ID: <34voo1$idf@tequesta.gate.net>
Source record: 268997

: : Nope, 47 CFR 15 was revised effective 23 June 1989. Manufacturers of all
: : receivers must comply with the new rules within the 10 year transition
: : period. Other unlicensed equipment had a five year cutoff.
: : /* barry /&

: I am not familiar with this item -- the FCC does not regulate
: receiving devices and what is wrong with the new PRO-43s that
: needs it to cease being made in 1999? Which rule/law is it
: violating now? Is this just to keep the manufacturers busy making

FCC does regulate receivers. Take a look at the name plate of
any radio or TV of recent manufacture and you will see an FCC ID number.

The FCC receiver reg mainly cover the maximum amount of harmful
interferance that the receiver electronics are allowed to generate.

2089. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-11 20:20:46 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779296975@f747.n115.z1>
Source record: 269010

-=> Quoting bill nelson to All <=-

bn> : A couple of years ago Radio Shack started a campaign to update their
bn> : mailing lists by asking for your name and address on even cash
bn> sales. : This little pitch starts off with, "May I have the last four
bn> numbers : of your phone number?"
bn> :
bn> : The first time I head this request, I answered "No". The salesman
bn> asked : again, and again I said no. He then told me that without a
bn> name, address, : and phone number, he couldn't complete the sale. I
bn> said that that was : fine by me, and told him he'd just lost the sale.
bn>
bn> Well, in my case, I really wanted to make the purchase. I told him to
bn> make one up. I believe he said he used his brother's.
bn>
bn> : Some people just don't understand that some of us just don't like
bn> being : in all those corporate databases.
bn>

I just give them the phone number where I work and the address. No
problemo.

Jerry

2090. Re: Yep Cordless phones again

Newsgroup: rec.radio.scanner
Date: 1994-09-11 20:27:53 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779296976@f747.n115.z1>
Source record: 269011

-=> Quoting Thomas J. Harrell to All <=-

TJH> Heck, you don't even need a scanner to listen in - just use your own
TJH> cordless phone. A lot of people haven't realized that if you take your
TJH> cordless phone handset, turn it on and get a dial tone, and then unplug
TJH> the base unit from the AC, the handset stays on, listening to its
TJH> current 46MHz frequency and simultaneously transmitting on the
TJH> corresponding 49MHz frequency. I suggested this to a friend of mine
TJH> who was experiencing bad interference on his phone - he said later that
TJH> the offending conversation came in perfectly clear, but he muted his
TJH> handset so as to not interrupt it.
TJH> If this is something that some of you already knew, sorry about the
TJH> bandwidth. It works really great with the 10-channel units.

Hi, Tom...
While your friend can listen, in the majority of cases, your friend
wouldn't be able to break into the conversation. This is because the
cordless phones use a sort of PL tone that ativates the base. This is all
of those fancy dip switches that let you select the code. Some cheap
phones just change the frequency. In any case, unless your friend had the
same exact phone, same exact frequency, and the same PL tone, he wouldn't
interrupt the conversation by using only the handset.

Jerry

2091. Re: scanner to hear 26.5 thru 26.9 (or so).

Newsgroup: rec.radio.scanner
Date: 1994-09-11 20:58:52 UTC
From: Greg <gregmason@delphi.com>
Message-ID: <pK0TP8c.gregmason@delphi.com>
Source record: 268996

bill nelson <billn@hpcvaac.cv.hp.com> writes:

>: I have a need to hear freqs in the 26 meg range and would appreciate it
>: if someone could tell me where or which ones will do it. The cheaper

Try any cheap shortwave radio... especially if all you neeto monitor is one
freq... most of em recieve in that range
good luck
Greg

2092. Re: paging software

Newsgroup: rec.radio.scanner
Date: 1994-09-11 21:17:17 UTC
From: Lee_Hines@SMTP.esl.com
Message-ID: <Lee_Hines-1109941417180001@m11002.esl.com>
Source record: 268999

In article <20032JRNKOJPYUFKYTW@inferno.com>, vector@inferno.com wrote:

-> IS>I know this really doesn't belong on this list, but I don't know
-> IS>anyplace else to ask.
-> IS>I beleive this has been posted before, but either I don't have it
anymore,
-> IS>or I am mistaking. Is there any software available on the internet,
-> IS>that allows you to page someone on their beeper, that allows letters as
-> IS>well as numbers.
-> IS> Thanks in advance for any and all information.
-> IS>Darrell Jordan--Stujorda@acs.eku.edu
-> motorola makes software for the "advisor" pagers. advisors are
-> alphanumeric and capable of displaying approximately 80 characters of
-> text per message. (i've got one, they're pretty neat, but service is
-> expensive). unfortunately, motorola is pretty strict on not letting
-> regular customers having the software, and would rather have customers
-> call the 800# provided to send pages (and charge you up the ass for it
-> too). my only guess for them not letting the general public have the
-> software is so they can try to sell the nifty $400 desktop miniature
-> keyboard & display that would be used by someone like your secretary at
-> work to send you messages. the only real advantage to having the
-> software is that you can send vulgar / disgusting messages with it that
-> the dispatchers at the 800# would normally just hang up on you for! :)
->
-> vector@inferno.com
-> IS>BITNET Stujorda@eku.bitnet

There are a couple of programs out there. One is called Page Pal, the
other is called Joe's pager. I could not get PagePal to work. Joe's Pager
works well, and I got it off of Sumex. Good Luck!!!

--
Lee Hines - Builder/Owner
Gator's Golf

Views expressed here are not necessarily those of my employer.

Go Gators - '91&'93 SEC Champs
Go Dolphins
(FSU.....just go away)
Work is for people who don't fish, hunt or play golf.

2093. Re: paging software

Newsgroup: rec.radio.scanner
Date: 1994-09-11 21:53:07 UTC
From: fonmaster@aol.com
Message-ID: <34vu83$eph@search01.news.aol.com>
Source record: 269000

In article <20032JRNKOJPYUFKYTW@inferno.com>, vector@inferno.com writes:

> motorola makes software for the "advisor" pagers. advisors are
> alphanumeric and capable of displaying approximately 80 characters of
> text per message.

FYI... there's also a 240 char model. There is software available. (Check oak.oakland.edu), but I can't swear where it is.

Russell

2094. Scrambling Cordless Signal?

Newsgroup: rec.radio.scanner
Date: 1994-09-11 22:03:08 UTC
From: shawn4sk1@aol.com
Message-ID: <34vuqs$euc@search01.news.aol.com>
Source record: 269001

I'm sure it's been discussed before so if you think it won't be of much interest to the group, please E-mail me directly.

I'm wondering if it is possible to scramble the cordless phone signal on my phone so the "general" listener can't evesdrop like I do to them (snicker, snicker...).

I realize any scrambler of reasonable availability can be descrambled but I don't think many people around here have the gear to descramble anyway...

What is the cost? Where can I get it? How much? If there are options on the market- if you are educated on the differences, please decribe the options and their relative cost and pros and cons.

Thanks in Advance!

soliver@ozarks.sgcl.lib.mo.us

2095. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-11 22:18:30 UTC
From: schuh@phys.unca.edu
Message-ID: <34vvnm$o33@balsam.unca.edu>
Source record: 269003

Glen Roberts (glr@ripco.com) once wrote:
: SMacken (smacken@aol.com) wrote:

: : You must also be aware buy now that RS !!DOES NOT!! use the information
: : supplied in it's point of sale data base for any purpose other than RS
: : needs. This information has never been and i assume never will be sold to
: : other data base companies !!

: According to Bernie Appel, when I asked to him two years ago that Point-of-
: Sale information *IS* used for purposes beyond Radio Shack's own... he said
: they were VERY open and willing to provide that information to law
: enforcement, and proceeded to give an example of where they searched
: through their records for people that bought certain types of stuff and
: provided a mailing list based on that selection to the F.B.I.

Pardon my ignorance. But WHO is Bernie Appel? Is he in a position where
his comments are actually indicative of Radio Shacks Policys'?

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

2096. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-11 23:25:37 UTC
From: glr@ripco.com
Message-ID: <Cvznqq.C4J@rci.ripco.com>
Source record: 269004

Paul Schuh (schuh@phys.unca.edu) wrote:
: Glen Roberts (glr@ripco.com) once wrote:
: : SMacken (smacken@aol.com) wrote:

: : : You must also be aware buy now that RS !!DOES NOT!! use the information
: : : supplied in it's point of sale data base for any purpose other than RS
: : : needs. This information has never been and i assume never will be sold to
: : : other data base companies !!

: : According to Bernie Appel, when I asked to him two years ago that Point-of-
: : Sale information *IS* used for purposes beyond Radio Shack's own... he said
: : they were VERY open and willing to provide that information to law
: : enforcement, and proceeded to give an example of where they searched
: : through their records for people that bought certain types of stuff and
: : provided a mailing list based on that selection to the F.B.I.

: Pardon my ignorance. But WHO is Bernie Appel? Is he in a position where
: his comments are actually indicative of Radio Shacks Policys'?

I should hope his comments have some basis relative to Radio Shacks policies,
in that at the time I spoke with him, he was President of Radio Shack. I do
not know if he still is or not. His comments and a memo he wrote about
use of Radio Shack products for Illegal Purposes was published long ago in
Full Disclosure.
: --
: Paul Schuh UNCA Society of Physics Students
: pmschuh@unca.edu UNCA Robotics Club

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

2097. Anyone have Austin Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-09-11 23:33:49 UTC
From: sdinan@utxvms.cc.utexas.edu
Message-ID: <1994Sep11.173349.1@utxvms.cc.utexas.edu>
Source record: 269002

Hey... could someone supply me w/ a list of freqs in the Austin area?
particulary interested in UT police, and stadium freqs..
Thanks.

2098. Re: Latest GROVE Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-09-12 00:58:15 UTC
From: glennh@hebron.connected.com
Message-ID: <350937$9ih@hebron.connected.com>
Source record: 269005

Steven Bradley (steven@sgb.oau.org) wrote:

: Side comment as I plow into the scanning department - why hasn't anyone made
: a tunable receiver (like the old VHF-hi/lo/UHF models of 15 years ago) with
: only 3 storage channels (for your favourites) to get around the TDDRA garbage
: that specifically tunes the cellular region? I am sure someone would figure
: a way to increase the memory capacity as an after-market item!

Why not just a tunable receiver with no memory channels and a serial port
for computer control? A black box or plug in card like the Softwave. My
R7000 has been computer contolled for years now and it has been years
since I ever put anything into "its" memory bank. I have to admit it
isn't really portable. Kind of bulky carrying the R7000, 486 and monitor
and my 5000'+ extension cord. :-)

Glenn Hansen KB7PKC
<glennh@hebron.connected.com>
--
Glenn Hansen - KB7PKC
<glennh@hebron.connected.com>
Tacoma, Wa

2099. paging software

Newsgroup: rec.radio.scanner
Date: 1994-09-12 01:02:00 UTC
From: alan.wilensky@channel1.com
Message-ID: <40.8368.2433@channel1.com>
Source record: 269006

v>IS>I know this really doesn't belong on this list, but I don't know
v>IS>anyplace else to ask.
v>IS>I beleive this has been posted before, but either I don't have it
v>IS>anymore, or I am mistaking. Is there any software available on
v>IS>the internet, that allows you to page someone on their beeper,
v>IS>that allows letters as well as numbers.
v>IS> Thanks in advance for any and all information.
v>IS>Darrell Jordan--Stujorda@acs.eku.edu
v>motorola makes software for the "advisor" pagers. advisors are
v>alphanumeric and capable of displaying approximately 80 characters of
v>text per message. (i've got one, they're pretty neat, but service is
v>expensive). unfortunately, motorola is pretty strict on not letting
v>regular customers having the software, and would rather have customers
v>call the 800# provided to send pages (and charge you up the ass for it
v>too). my only guess for them not letting the general public have the
v>software is so they can try to sell the nifty $400 desktop miniature
v>keyboard & display that would be used by someone like your secretary
v>at work to send you messages. the only real advantage to having the
v>software is that you can send vulgar / disgusting messages with it
v>that the dispatchers at the 800# would normally just hang up on you
v>for! :)
v>vector@inferno.com
v>IS>BITNET Stujorda@eku.bitnet

My paging company (Pagenet) sells alpha mate software that runs on a PC,
letting you page alpha pagers, for $25.00.

Alan Wilensky, N1SSO
abm@world.std.com
---
* CmpQwk #UNREG* UNREGISTERED EVALUATION COPY

2100. Programming Info for Bearcat 101 ?

Newsgroup: rec.radio.scanner
Date: 1994-09-12 01:12:15 UTC
From: mrb1@cbnewsh.cb.att.com
Message-ID: <CvzsoI.L93@cbnewsh.cb.att.com>
Source record: 269013

Hi:

I would appreciate it if anyone in this newsgroup could help me out with the following:

We have an old Bearcat 101 scanner....this is from the mid-70s, and has the row of 16 toggle switches along the front. In normal operation, each switch selects or deselects the channel (from scanning reception) but the switches are also used in programming the scanner's frequencies.

The unit came with a list of frequencies in MHz and the corresponding "binary" (switch up or down) setting. Unfortunately, the documentation has parted company with the scanner :-)

Is there anyone out there who can 1.) Xerox and mail me the list [postage & costs gladly reimbursed] -or- 2.) tell me the "secret" formula so I can calculate the switch settings I need -or- 3.) reply with the switch settings for the particular frequencies of interest ?

Thank you very much in advance!

Maurice Baker, WA3ZXO
AT&T Bell Labs, Holmdel NJ
mrbaker at attmail.com

2101. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-12 01:29:52 UTC
From: billsohl@earth.planet.net
Message-ID: <350aug$8j3@jupiter.planet.net>
Source record: 269012

SMacken (smacken@aol.com) wrote:
: As a former employee of RS I feel compelled to respond to the considerable
: Abuse that RS employees have been taking in this and other forums about
: the various nets.
: First I must ask you if you remember the 'OLD' slip of paper sales
: procedure that was used ?
: If you do you must also remember the unacceptable amout of time it took to
: complete a sale !

Using a prebious inept sales receipt process in no way justifies
anything. Certainly the "new" system is better, but it is irrelavent
to the asking for name/address/phone number issue.

: Then as now you were perfectly capable of using another name and address
: at any time you wished. Or in most cases NONE even though it was against
: company policy !!

I have no problem being asked for my name/address/phone number for a cash
sale. I won't give it, but I don't mind being asked...once. It has been
my experience in the past, although much less in more recent months,
that haviing said no, the sales person would either insist on the
details or otherwise continue to pester me for the information.
Frankly, once I've said no to the question, the sales person should just
let it be.

: You must also be aware buy now that RS !!DOES NOT!! use the information
: supplied in it's point of sale data base for any purpose other than RS
: needs. This information has never been and i assume never will be sold to
: other data base companies !!

That's not the issue. The fact remains, there is no legal reason,
nor is there any ethical or moral reason for me to give personal
information when I make a cash purchase...regardless of how well
intentioned RS may be with the data.

Bill Sohl K2UNK (billsohl@planet.net)
Budd Lake, New Jersey

2102. Mods

Newsgroup: rec.radio.scanner
Date: 1994-09-12 01:40:10 UTC
From: davis_ru@news.delphi.com
Message-ID: <350bhq$9tb@news.delphi.com>
Source record: 269014

I just bought a PRO 2006 and by brother has a PRO 46. Thanks to some good info from this news group we are both enjoying them to the max.

My father in law has an old - but still in great condition PRO 2020. It still works perfectly, but of course the frequencies it can recieve are very limited.

Does anyone have any mods for this old box? I'd love to surprise by father in law with them. He got bored with it years ago.

Thanks

2103. Re: Silent Play info

Newsgroup: rec.radio.scanner
Date: 1994-09-12 01:43:00 UTC
From: wade.cotton@windmill.com
Message-ID: <59.690.4048@windmill.com>
Source record: 269016

-=> Quoting Flemming Larsen to All <=-

> I bought a Silent Play and have been using it in my car for several
> days with my Pro-43 and it works fine. At $15 I couldn't resist
> having one to transmit to my headphones at home, but I quickly
> decided to try it out in the car, too!
>
> Danny

FL> I read an earlier thread about the Silent Play device and thought it
FL> was a great idea. So, I went to my local Radio Shack on my way home
FL> from work yesterday and asked them about it.

FL> They didn't know anything about it, didn't have anything in the store
FL> like it and never did.

FL> Does anyone mave more information and/or leads on where I might be
FL> able to get one (or two)?
FL> Thanks in advance.

FL> -- Flemming Larsen flarsen@uclink.berkeley.edu

Hi Gang:
The Silent Play model number is 270-1715. Get the sales person
to run that number to see if they have any in inventory. I think it's
a discontinued item. But, there are quite a few still around.
73,
Wade N5IST@N5IST.NM.USA.NOAM Carlsbad, NM

... We now return to our regularly scheduled flame-throwing.
___ Blue Wave/QWK v2.12

2104. Re: Scrambling Cordless Signal.

Newsgroup: rec.radio.scanner
Date: 1994-09-12 01:59:29 UTC
From: g9153402@huey.csun.edu
Message-ID: <350cm1$dcf@nic-nac.CSU.net>
Source record: 269015

Subject: Re: Scrambling Cordless Signal?
Newsgroups: rec.radio.scanner
References: <34vuqs$euc@search01.news.aol.com>
Organization: Calstate University Northridge
Distribution:
X-Newsreader: TIN [version 1.2 PL2]

Shawn4sk1shawn4sk1@aol.com) wrote:
>I'm sure it's been discussed before so if you think it won't be of much
>interest to the group, please E-mail me directly.
>I'm wondering if it is possible to scramble the cordless phone signal on
>my phone so the "general" listener can't evesdrop like I do to them
>(snicker, snicker...).
>I realize any scrambler of reasonable availability can be descrambled but
>I don't think many people around here have the gear to descramble
>anyway...
>What is the cost? Where can I get it? How much? If there are options on
>the market- if you are educated on the differences, please decribe the
>options and their relative cost and pros and cons.
>Thanks in Advance!
>soliver@ozarks.sgcl.lib.mo.us

Portable phones are already made that scramble. In fact, GTE PhoneMarts
in my area, just placed an ad for one in the local paper today. I think
the price was $98, and the ad stated the fact that unscrambled cordless
phone conversations could be heard possibly by other cordless phones near
where you live, and by scanners. But the scrambling techniques on these
phones (which make you sound something like a mumbling Donald Duck on
a receiver that doesn't unscramble) is rather primitive, and unscramblers
I've heard are available. So I still don't suggest using these phones
for super-secret, personal, or sensitive stuff.

2105. Hawaii freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-12 02:08:34 UTC
From: corrigan@aloha.com
Message-ID: <350d72$nen@mango.aloha.com>
Source record: 268902

Aloha,

Just moved to Oahu from the mainland and am looking for some
freqs for this area. If anyone is willing to share some with me I would
greatly appreciate it.

73's

Rich

2106. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-12 02:47:53 UTC
From: cremer@delphi.com
Message-ID: <9409112246591.DLITE.cremer@delphi.com>
Source record: 269017

To add to Curtis Wheeler's excelant information about the frequencies used for airliner direction finding, I'd add somethings I learned from an article in _PC Computing_ magazine early last uear. They set out to find out why certain airlines were banning the use of laptops in flight. They wanted to find out just what incidents caused all the concern and hysteria.

They found that there were precious few actual incidents of spurious emmissions that had affected a plane's heading. The most dramatic and best documented one was when a bunch of Razorback fans were flying home to Arkansas while listening to the football game on personal radios. The plane ended up several degrees off course. The interesting thing to remember tho is that there were about 40 radios in the passenger cabin, all tuned to the same radio station. The magazine folks concluded that this was a rare event and that a couple of radios in the cabin are unlikely to have much effect. They went on to test a whole bunch of computers and portible equipment in thier lab and didn't find a whole lot of RF emmissions.

2107. BC 2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-09-12 03:08:00 UTC
From: don.droszcz@aquila.com
Message-ID: <f.5303.2391@aquila.com>
Source record: 268890

FROM don.droszcz@aquila.com

Are there any mods for the Bearcat BC 2500XLT scanner to bring in the
800 MHz. range. Any help would be appreciated. Thanking you in advance
DON.......

2108. Re: Scrambling Cordless Signal.

Newsgroup: rec.radio.scanner
Date: 1994-09-12 03:09:03 UTC
From: shawn4sk1@aol.com
Message-ID: <350gof$jvv@search01.news.aol.com>
Source record: 269018

I've had a few responses so far- thanks guys...

I just wanted to be more specific-

I already have a fairly expensive AT&T 10-channel cordless phone- I'm not in the market to buy a new one unless the scrambler is going to cost nearly as much. Besides, the phone I have isn't made anymore and the reception circuitry is alot better than some of my friend's newer ones (and NO, I'm not interested in a debate or discussion about the reception quality of cordless phones... :-)

Also, the amount/severity of scrambling is really not that important to me- I just want the average Joe Blow who doesn't have de-scrambling devices to not be able to comprehend what is being said. If he can, then it probably really isn't much of a scrambler...

Finally, if you're going to post info on this:

1) Please post it to me directly as the group is really set up to discuss scanners. If you want copies of the info I receive b/c you're interested in the subject also, E-mail me w/your address and I'll gladly do it for ya...

2) I'm looking primarily for Manufacturers, Model Names/Numbers, Prices and Vendors- a quick review would be nice also... :-)

I try to post as much to the group as I possibly can/feel is beneficial...
To those that respond: Many Thanks and I hope I can return the favor!

Shawn Oliver
Email to: soliver@ozarks.sgcl.lib.mo.us

2109. Re: McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-12 03:36:04 UTC
From: scan911@aol.com
Message-ID: <350ib4$kgh@search01.news.aol.com>
Source record: 269019

Regarding the comments made by people who don't get kicks out of tuning in fast food order windows.....

It's kinda like ham radio. Some of us get into it to talk to everybody on repeaters on 2M. Others like to talk around the world. Others become interested in packet. Others send TV pictures from their hamshacks on UHF and HF. Some send Morse code messages. Some like to do it on microwaves.

The point is there is something for everyone, and scanning is much the same. Some of us like to listen to cops, some of us like to listen to the FCC, some like to tune in plumbers and others like to listen to fast food windows.

That's why scanning is a great hobby. There's always something different to listen to.

Chuck Gysi, N2DUP
scan911@aol.com

2110. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-12 03:40:04 UTC
From: scan911@aol.com
Message-ID: <350iik$kj0@search01.news.aol.com>
Source record: 269020

It's nice that refusing to tell the droids your last four numbers of your phone number works for most of you, but unfortunately, some of us are known by the staff at the local "Shack". Even if I didn't tell them my number, they'd be able to find it.

2111. Computer interface for 2006

Newsgroup: rec.radio.scanner
Date: 1994-09-12 03:46:30 UTC
From: davis_ru@news.delphi.com
Message-ID: <350ium$gfv@news.delphi.com>
Source record: 269021

Before I decided to buy my PRO 2006 I was reading some of the files about them and I seem to remember seeing some about hooking up some sort of interface from the 2006 to a PC. Does this ring a bell with anyone? Does anyone have more info about this?

Thanks!

2112. Pro-43 (again)

Newsgroup: rec.radio.scanner
Date: 1994-09-12 04:00:37 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <Cw00H2.9Hn@freenet.carleton.ca>
Source record: 269022

O.K. - Here goes. I just recently purchased a Pro-43, with no "A"
in the serial number, and a date of manufacture of 10A3.

I have seen some posts here about some modifications that can be
done, but nothing too specific. I would like to get a list of all the
known Pro-43 Mods.

I don't have access to FTP from the Free-Net, so I can't get to
oak.oakland.edu to get the files.

If anyone who has the files for the Pro-43, could they please E-mail
them to me? It would be greatly appreciated.

Thanx. Rob.

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

2113. Re: How to Order from Canada RS

Newsgroup: rec.radio.scanner
Date: 1994-09-12 04:18:45 UTC
From: gesman@io.org
Message-ID: <350kr5$f0h@ionews.io.org>
Source record: 269023

In article <34fatc$8d4@crcnis1.unl.edu>,
MICHAEL SHAFER <mshafer@herbie.unl.edu> wrote:
>E. Michael Shafer II
>University of Nebraska
>Electrical Engineer
>mshafer@herbie.unl.edu
>
>My local Radio Shack has one Pro-43 left. The serial number has no A
>after the 300 and its date code shows production before the
>change-over. Before I purchase it, I wanted to find out the process
>for ordering one from a Radio Shack in Canada.

Instead of dealing with RS emloyees, who are usially the most technically
illiterate persons, I suggesting you to call Radio Lorenz in Montreal:
(514) 392-9200. These guys could give a good advice about scanners and
similar things. I bought there Yupiteru MVT-7100 and wish the same for
everyone. Additionally you'll save PST (Ontario-specific tax - 8%) of
the price.

P.S. If you wish to have no gaps for sure and reliable unit - go for
MVT-7100 + case for it. You'll spend $200 more but will be satisfied
for a long time. 0.5 - 1650 MHZ with no gaps gives a "piece of mind" :).

--
Gleb Esman.

2114. Scanners - 2-way radios?

Newsgroup: rec.radio.scanner
Date: 1994-09-12 04:28:35 UTC
From: gesman@io.org
Message-ID: <350ldj$fi9@ionews.io.org>
Source record: 269024

Is there such devices, which are a scanner and a wide-range 2-way
radios in one unit?
Some kind of programmable 2-way radios, which could cover say 30-1000 MHZ
and has a scanner features at the same time?

--
Gleb Esman.

2115. Re: What's The "World's Best" scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-12 04:54:21 UTC
From: red.riders
Message-ID: <red.riders-1209940051520001@firefly-slip.voicenet.com>
Source record: 268688

In article <34vldi$l6h@nic-nac.CSU.net>, g9153402@huey.csun.edu (Berton Corson) wrote:

> I mean, I want to know the best. My goal is to find the following
> 1 hz to 3 Ghz coverage. All modes, no gaps.
> Can hear everything from submarines, sw, to space aliens.
> Able to interface with other devices, can decode scrambled/digital signals.
> I want this scanner to do everything, but optional are:
> wash windows,
> does the laundry,
> does the shopping,
> and can also cook.
> Votes/Suggestions of which scanner this is, or any new models coming?

Yes, from research completed by Sorek on the Martian colonies, we will soon be able to purchase a carbon-based bioscanner capable of simultaneously monitoring over 100 million frequencies, with a scanning speed limited only by the Subspace Scan Rate Limitation Treaties signed by the United Federation of Planets in the year 2506.

After completing a mind meld with Sorek, I firmly believe that these new units should be available no later than November, 2912. But order early, you know how those nanobots on Saturn are about these things.

2116. AR-2500 Control Software

Newsgroup: rec.radio.scanner
Date: 1994-09-12 05:07:29 UTC
From: droy@netcom.com
Message-ID: <droyCw03KI.576@netcom.com>
Source record: 268876

I just got a used AR-2500 scanner and I am looking for software to control the radio via the rs-232 port. I AM NOT A PROGRAMMER by any stretch of the imagination. I am a truck driver so if you have such a program I can trade you.... well I could give you a ride in my truck! Please respond here or to droy@netcom.com
Tnx. Dave

--
- -

Thanks to all those who have:
And to those who have not, remember
Please Send Money To:
Dave Roy
100 Harbor Blvd
Space # 16
Belmont, CA 94002

Ham Radio: KB6HLR . An EXPERIMENTAL No Code Extra
Packett Radio: kb6hlr @ n6qmy.#nocal.ca.usa.na
droy@netcom.com
" _ .... ._ _ ... ._ ._.. ._.. ..._. ___ ._.. _._ ... "

2117. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-12 05:58:29 UTC
From: danois@montrouge.sinet.slb.com
Message-ID: <danois-120994014712@134.32.61.31>
Source record: 268882

Please note that part 91 of the FARs do not apply to airliner operations.
They are covered under part 121.
In article <34qike$o22@scoop.eco.twg.com>, reece@eco.twg.com (Reece R.
Pollack) wrote:

> Actually, Federal Aviation Regulation 91.21 states that any electronic
> device other than (1) Portable voice recorders, (2) Hearing aids,

2118. Re: Bearcat BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-09-12 06:50:05 UTC
From: rawillis@netcom.com
Message-ID: <rawillisCw08BI.8G8@netcom.com>
Source record: 268877

ccartee@regal.cisco.com (Claude Alan Cartee) writes:

>I was thinking about getting a Bearcat 2500XLT scanner for use at
>airshows and listening into 220-400Mhz range. I haven't see nmuch
>traffic go by about this unit. Any experiences good or bad?

Claude, I have had mine for a few months and am nothing but pleased with it. Although, it is a little more succeptable to intermod that I'd like it to be. If you live right in the middle of downtown, you may not be happy with its performance. I've noticed that I can get SJPD _very_ clearly when I'm 10 - 20 miles away, but reception is reduced to _nil_ when I'm in downtown San Jose. But other than the intermod problem (which occures more or less on all scanners) I am 100% pleased with it.

I got mine from Scanner's Unlimited (San Carlos, CA) and hed them perform the cellular modification for it, so that's nice, too. Althoug I really don't listen to cellular as much as I thought I would -- something irritating about only hearing one side of a conversation -- and then have it cut off on you right in the middle (as the driver approaches the next cell).
--
rawillis@netcom.com

2119. STATE PATROL FREQS (text)

Newsgroup: rec.radio.scanner
Date: 1994-09-12 07:49:56 UTC
From: tampico@teleport.com
Message-ID: <351174$ojb@linda.teleport.com>
Source record: 268878
Body handling: HTML body converted to readable text

State Police Freqs.

ALABAMA SP MARYLAND SP OKLAHOMA SP

SP1 158.790 SP1 39.10 SP 861.2125
SP2 159.030 SP2 39.26 SP 862.2125
SP3 154.920 SP3 39.30 SP 863.2125
SP4 155.445 SP4 39.34 SP 864.2125
SPM 155.475 SP5 39.14 SP 865.2125
CP 155.010 SP6 39.32 ---------------
DOH 151.055 SP7 39.38 SP1 44.70
-------------- SP8 39.24 M 44.90
NATCHEZ TRA SP9 39.52 3WY 154.935
NAT 171.675 SP10 39.04 SP2 45.22
NAT 171.775 SP11 39.06 M 45.18
SP12 39.40 3WY 154.695
ARIZONA SP BOAT 39.22 SP 45.10
SPI 155.190 3WY 154.905
SP 460.025 SPI 155.475 3WY 154.920
ALL 460.225 MR 155.730 SPI 155.670
SW 460.275 JFK 151.040 ALL 155.490
SP 460.300 -------------- ALL 155.760
SP 460.325 BLT/W PKWAY ---------------
SP 460.400 295 159.315 OK TURNPIKE
SP 460.425 -------------- TP 159.000
SP 460.475 TOLL 453.100 TP 159.120
SPL 460.500 TOLL 453.575 WEATHER !!!
BOX 453.025 TOLL 453.975 EMER 462.875
SW 154.935 -------------- --------------
SWM 155.190 DOH1 47.32 DOT 151.025
-------------- DOH2 47.26 DOT 151.040
USBP 163.625 DOH3 47.40 DOT 151.115
USC 165.237 DOH4 47.14 WT 154.115

GRAND CANYON MASSACHUSETTS SP OREGON SP
GC 172.450
GC 172.575 SP1 42.44 SP1 42.88
GC 168.350 SP2 42.34 SP2 42.94
SP3 42.40 SP3 42.82
ARKANSAS SP SP4 42.50 SP4 42.86
SP5 42.54 SP5 42.56
SP1 44.74 SP6 42.46 SP6 42.90
SP2 44.62 C-C 42.42 SP7 42.92
SP3 44.66 R))) 42.38 AIR8 42.78

C-C 44.78 SW 44.74 R))) 42.44
MR 154.785 TAC 44.90 ------------
ALL 37.20 MR 154.920 -PORTABLES-
ALL 37.24 TP 156.240 WT 154.695
------------- TP 158.970 WT 154.860
DOH 151.055 TP 159.030 WT 154.905
DOH 151.070 TP 159.180 WT 154.935
DOH 151.085 DOH 47.14 NAT 155.475
DOH 151.100 DOH 47.26 WT 155.505
DOH 47.28 SPI 159.030
CALIFORNIA DOH 47.36 DOT 47.04
DOT 47.06
SLVR 42.08 MICHIGAN DOT 47.16
M 42.28 DOT 47.18
GOLD 42.12 SP1 42.94
M 42.20 SP2 42.68 PENNSYLVANIA SP
BLUE 42.34 SP3 42.02
M 42.18 SP4 42.64 155.580
PRPL 42.40 SP5 42.86 CAR 155.790
M 42.16 SW 42.48 155.670
TAN 42.42 SW 42.56 CAR 155.910
M 42.84 SW 45.28 155.505
RED 42.44 SW M 42.74 CAR 155.850
M 42.28 ------------ C-C 154.755
PINK 42.44 DETECTIVES RPT 159.210
M 42.76 RED 154.665 SPI 42.600
BLK 42.46 SW 154.905 --------------
M 42.70 GRN 154.920 TP1 159.045
GREY 42.48 WHT 155.460 TP2 159.075
M 42.68 BLU 155.505 C-C 159.000
BRWN 42.50 -------------- TP 156.195
M 42.82 SPI 155.370 TP 156.225
YELO 42.52 NAT 155.475 TP 159.030
M 42.30 SWE 155.865 TP 159.185
GRN 42.54 BDG 156.180 --TUNNELS--
M 42.24 BDG 453.950 TUN 453.150
WHT 42.56 DOT 151.040 TUN 453.300
M 42.72 DOT 151.055 TUN 453.650
COPR 42.60 DOT 151.085 --------------
M 42.74 DOT 151.115 DOT 47.14
ORNG 42.88 DOT 47.14 DOT 47.28
M 42.66 DOT 47.22 DOT 47.30
MR 154.905 DOT 47.26 DOT 47.38
ALL 154.920 DOT 47.32 WT 151.100

-EMERGENCY- MINNESOTA SP RHODE ISLAND SP
ALL 153.755
OES 154.160 MPLS 42.92 SP1 154.935
OES 154.220 M 42.66 SP2 154.905
OES 154.280 ST P 42.64 3R)) 155.445

M 42.72 SP4 155.505
COLORADO SP RCH 42.54 SP5 155.610
M 42.76 SP6 155.475
SP 154.665 ST C 154.920 SP7 154.695
CAR 154.740 M 159.210 SP8 155.190
SP 154.935 SW 42.82 SPI 158.970
CAR 154.770 AIR)) 42.88 TAC 159.150
SP 154.695 SP 45.66 DOT 47.22
CAR 154.830 MR 154.905 DOT 47.34
ALL 154.905 MR 154.920
NAT 155.475 MR 155.505 SOUTH CAROLINA SP
DOH 47.02 SPI 155.370
DOH 47.10 NAT 155.475 SP1 42.10
TUN 453.200 DOT 151.025 SP2 42.26
--------------- DOT 151.055 SP3 42.12
-EMERGENCY- DOT 151.070 SP4 42.08
ALL 453.625 DOT 151.115 SPI 155.955
ALL 460.100 SP6 42.34
ALL 460.425 MISSISSIPPI SP7 42.14
DOT 47.22
CONNECTICUT SP 42.08 DOT 47.34
CARS 42.30 WEIGHT UNIT
SP1 42.04 SP 42.12 CH3 154.980
SP2 43.36 CARS 42.18
SP3 42.48 SP 42.16 SOUTH DAKOTA
SP4 42.52 CARS 42.24
SP5 42.18 SW 42.02 SP1 39.10
6R)) 42.30 SW 155.490 SP2 39.12
7R)) 42.20 SPI 155.535 SP 39.16
8R)) 42.24 WTS 154.695 SP 39.22
TAC 42.32 WTS 155.460 SP 39.24
TAC 42.58 CP 45.22 SP 39.28
SW 45.86 CP 45.30 SP 39.32
SPI 154.665 DOH 47.14 DOT 154.025
MR 154.830 DOH 47.22 DOT 154.100
SWAT 155.475 DOH 47.26 DOT 154.115
DOT 47.38 DOH 47.34
DOT 47.30 ----------- TENNESSEE SP
EMER 453.550 NATCHEZ TRA
PKWY 171.675 SP 42.42
DELAWARE SP PKWY 171.775 3WY 155.430
SP 42.56
SP1 154.665 MISSOURI SP 3WY 155.505
SPM 154.770 SP 42.36
SP2 154.755 SP 42.06 3WY 155.655
SPM 154.650 CARS 42.22 SP 42.28
SPM 154.710 SP 42.12 C-C 42.26
SP4 154.695 CARS 42.32 SPI 155.370
SP7 155.475 SPI 42.38 TAC 45.58
SP8 154.860 3WY 154.695 TAC 45.62

SP 45.02 3WY 154.905 TAC 45.66
SPM 44.86 3WY 154.920 TAC 45.70
DOT 47.34 SPI 155.370 DOT 47.28
DOT 47.22 NAT 155.475 DOT 47.36
TP 156.135 CP 155.730 DOT 151.010
BDG 151.070 DOT 151.040 DOT 151.040
DOT 151.070 DOT 151.070
IDAHO DOT 151.130 DOT 151.130
DOT 159.180
SP1 460.100 MONTANA SP CP 37.26
SP2 460.200 AID 460.400
C-C 465.275 SP 39.90
SP4 460.025 CP 39.82 TEXAS SP
DET 460.300 SW 39.88
SPL 460.525 SWE 39.98 SP1 154.680
NEW 460.550 SPI 154.665 SP2 155.460
DOT 453.150 C-C 154.695 SP3 154.950
DOT 453.800 RPT 154.815 SP4 155.370
EMER 461.025 RPT 154.920 SP7 155.445
NAT 154.475 SP8 154.695
ILLINOIS SP SWE 153.905 TP 157.350
CP 155.790 WTS 156.210
CHGO 42.34 DOH 150.995 NEW 159.150
SP 42.36 DOH 151.010 3WY 154.665
SP 42.44 DOH 151.025 3WY 159.090
SP 42.46 DOH 151.040 3WY 159.210
ALL+ 42.50 DOH 151.055 BDG 156.150
SP 42.52 DOH 151.070 DOT 47.02
SP 42.54 DOH 151.130 DOT 47.06
CHGO 42.56 DOT 47.08
SP 42.60 NEBRASKA SP DOT 47.18
SP 42.62 USBP 163.625
SP 42.66 SP 42.46 USBP 163.775
CAR 42.68 M 42.20
CAR 42.70 M 42.30 UTAH SP
CAR 42.72 SP 42.34
CAR 42.84 SW 39.90 NE 155.070
---------- CP 39.46 OGDN 155.310
VHF 154.665 CP 39.58 SW 155.505
VHF 154.680 SWE 39.82 SP 155.550
VHF 154.695 SWF 39.98 SW 155.565
TAC 154.710 DOH 47.08 SLC 155.580
VHF 154.845 DOH 47.16 BRIG 155.595
VHF 154.920 DOH 47.20 NE 155.610
VHF 154.935 DOH 47.24 OREM 155.625
911 155.055 LOGN 155.655
SPI 155.370 NEVADA SP C-C 155.745
AIR+ 155.460 W< 155.910
NAT 155.475 SP1 42.94 DOT 47.04
MR 155.505 SP2 42.78 DOT 47.12

---------- SP3 42.56 DOT 47.16
TOLL ROADS SP4 42.88 DOT 47.18
F1 854.9875 SP 42.50
F2 855.2375 SP 42.58 VERMONT SP
F3 855.4875 DOT 151.01
F4 855.7375 DOT 151.040 ALL 460.025
F5 855.9265 DOT 151.100 NE 460.150
C-C 155.925 DOT 159.130 SP 460.225
---------- DOT 159.180 SPI 460.475
DOT 150.995 DMV 172.000 SP 460.300
DOT 151.070 TUN 451.025 SP 460.375
DOT 151.100 SP 460.425
DOT 453.700 NEW HAMPSHIRE SP SP 460.275
---------- CP 460.450
SPI 39.46 SP 851.0125 C-C 460.500
CPSW 39.50 SP 855.2125 TAC 42.86
SP 856.2125 DPT 159.075
INDIANA SP ---------- DOT 159.180
SP1 44.94 DOT 159.195
SP1 42.42 SP2 44.82
SP2 42.40 SP3 45.26 VIRGINIA SP
SP3 42.12 SP4 45.30
SP4 42.16 AIR)) 45.18 SP 158.985
SPM 42.26 SP6 45.22 M 154.905
SPM 42.32 NAT 155.475 SP 159.000
TOLL 154.755 VHF 155.910 M 154.935
TOLL 155.415 VHF 156.090 SP 159.135
CD 155.025 ---------- M 155.460
CP 155.130 DOH 453.625 SP 159.165
SPI 155.370 DOH 453.675 M 155.445
MR 155.445 DOH 453.775 TAC 154.695
NAT 155.475 DOH 453.925 C-C 154.665
DOH 47.28 DOH 453.975 RPT 458.350
DOH 47.36 TOLL 453.850
NEW JERSEY SP ALL 39.54
IOWA SW< 462.200
SP1 44.94 TUN 154.025
SPI 155.640 SP2 44.62 BDG 45.68
M 154.650 SP3 44.66 DOT 47.22
SP2 155.655 SP4 44.98 DOT 47.28
M 154.755 5C-C 44.78 DOT 47.30
SP3 155.565 6R)) 45.00 DOT 47.34
M 154.665 TP 45.82
3WY 453.625 ---------- WASHINGTON SP
SPI 155.370 NJ TURNPIKE
C-C 155.430 TP 155.190 SP1 155.970
TAC 155.445 C-C 154.935 SP2 154.770
NAT 155.475 TP 155.580 SP3 155.580
AIR 155.505 C-C 154.460 SP4 155.520
WIS 155.970 TP 154.905 SP5 154.845

DOT 159.180 TP 159.180 SP6 158.790
DOT 159.195 TP 453.875 SP7 154.680
-------------- -------------- F14 155.850
CP1 155.790 G S PARKWAY F15 154.665
CP2 155.685 A 851.3375 F16 154.695
CP3 155.700 B 852.1625 F17 154.935
C 852.7375 F18 155.505
FLORIDA D 853.8625 F19 154.920
GS1 158.910 F20 154.755
SP1 154.665 GS2 155.505 SPI 155.370
M 155.460 GS3 154.950 AIR 453.475
SP2 154.680 GS4 154.680 3WY 453.925
M 155.445 GS5 154.920 3WY 458.475
SP3 154.695 GS6 155.460 3WY 458.925
M 155.505 NAT 155.475 DOT 46.52
C-C 154.920 -------------- DOT 46.54
AIR 154.920 A C EXP WAY DOT 46.58
SPI 155.370 AC 453.700 DOT 47.02
-------------- AC 453.900 DOT 47.10
TP 453.575 -------------- DOT 47.20
TP 453.625 DOT 47.14 DOT 47.24
TP 453.675 DOT 47.26 DOT 151.010
TP 453.725 DOT 47.36 DOT 151.025
-------------- DOT 47.40 DOT 151.040
ALGTR ALLEY DOT 151.070
#84 151.310 NEW MEXICO SP
WEST VIRGINIA
GEORGIA SP SP 155.520
SPM 155.535 SPHUNT 42.10
SP 154.680 SP 155.565 SPCHAR 42.12
SPM 154.800 SPM 155.655 CARS 42.26
ATL 155.910 SP 155.580 3WY 155.505
SW 154.905 SPM 155.685 TP 155.430
SW 154.935 SP 155.790 TP 156.150
GBI 154.815 SPM 155.730 CP 39.98
GBI 155.505 SW1 155.370 DOH 47.14
DOH 47.32 SW2 155.550 DOH 47.28
DOH 47.34 SW4 154.920 DOH 47.32
-------------- ALL 154.875 DOH 47.36
ATL AREA PD NAT 155.475
ON I-75/-85 DOH 151.070 WISCONSIN SP
85N 460.175 DOH 151.085
85N 460.275 DOH 151.100 SP 154.680
285E 460.400 DOH 151.115 M 159.420
285W 158.775 DOH 151.130 SP 155.445
285E 460.450 M 159.285
85S 159.210 NEW YORK SP SP 154.905
75N 460.325 M 159.450
SP 154.905 SP 154.935
KANSAS SP SP 155.445 C-C 151.460

SP 155.460 NAT 155.475
SP 44.94 SP 155.505 SPI 155.370
SPM 45.18 SP 155.535 DOT 47.32
SP 44.98 SP 155.655 DOT 47.40
SPM 44.82 M 154.680 DOT 151.040
AIR 45.14 M 154.920 DOT 453.325
------------- M 154.935 DOT 453.475
KS TURNPIKE M 154.950 DOT 453.575
154.830 M 155.520 DOT 453.925
154.680 M 155.595
154.905 M 155.740 WYOMING SP
TOLL 151.085 SW2 154.665
TOLL 151.100 SW3 155.370 SP1 155.445
-------------- SW4 154.695 SP3 156.750
DOT 47.06 BCI 155.565 SP4 154.875
DOT 47.18 NAT 155.475 AID 155.640
CPI 39.46 R))) 42.14 CID 155.580
CP 39.58 TUN 153.550 DOH 156.015
--------------- DOH 156.630
KENTUCKY SP TACONIC PKWY
PK 158.775
R)) 453.300 HUDSON PKWY
SP 453.450 PK 159.195
SP 453.500 NY THRUWAY
SP 453.550 TW 453.425
SP 453.600 TW 453.525
PR 453.800 --------------
SP 453.850 DOT 47.22
TAC 453.900 DOT 47.32
TAC 453.950 DOT 47.34
MR 154.665 DOT 47.40
NAT 154.475
SPI 155.370 NORT CAROLINA
DOT 44.62
DOT 44.78 SP1 42.62
DOT 45.86 M2 42.78
DOH 47.14 SP3 42.52
DOH 47.22 M4 42.80
DOH 47.26 SP5 42.60
DOH 47.38 M6 42.66
DOH 156.045 SP7 42.64
DOH 156.060 M8 42.76
DOH 156.075 SP9 42.50
DOH 156.135 M10 42.70
CC11 42.82
LOUISIANA SPI 155.190
I-10 & 12 --------------
10E 158.970 MOBILE RPTR
M 155.655 >E 155.370
12E 155.910 W< 155.505

M 154.680 NW 456.050
10BR 155.505 W< 456.075
M 154.8775 SE 456.150
HQBR 154.755 W< 456.175
M 159.315 W< 457.050
10LF 154.695 >E 457.250
M 155.595 NW 457.350
10W 154.935 85N 457.400
M 155.625 SE 467.200
--------------- SE 467.250
I-20 --------------
20E 155.565 -ST BUREAU-
M 154.920 -OF INVEST-
20W 154.935 SBI 154.905
M 155.625 SBI 159.090
--------------- SBI 159.150
I-55 SB-9 42.72
55N 155.910 SB-10 42.58
M 154.680 ------------
55S 158.970 DOH 47.14
M 155.655 DOH 47.26
ALEX 154.755 DOH 47.47
M 155.445 DOH 47.32
GRAY 155.565 DOH 47.38
M 154.920 ------------
L'VL 154.905 -NAT PARKS-
M 155.460 SMOK 167.150
OPLS 155.850 BLRG 167.175
M 154.815
--------------- N DAKOTA SP
TAC 154.950
1M 151.280 SP1 154.905
TAC 154.800 SP2 154.935
2M 159.450 SP3 155.450
--------------- SP4 155.505
3WY 453.450 SP5 155.475
3WY 458.450 SP6 155.370
LK P 453.950 AIR 156.030
--------------- DOH 47.08
DOH1 47.32 DOH 47.16
DOH2 47.38 DOH 47.20
DOH3 47.30 DOH 47.24
DOH4 47.40 DOH 151.040
DOH5 47.28 DOH 151.055
DOH6 47.36 DOH 151.085
-------------- DOH 151.100
OLD SP SYS
SP 39.20 OHIO SP
SP 39.28
SP+ 39.30 SP 44.7

ALL 39.50 M 44.86
SPM 39.62 SP 44.94
CID 39.66 M 45.26
CID 39.92 SP 44.98
SW 39.96 CARS 44.82
GAME 31.06 AIR 45.02
AUX 45.10
MAINE SP ALL 154.680
ALL 154.935
PDI 155.370
SP1 154.710 NAT 155.475
SP2 154.695 --------------
SP3 154.665 OH TURNPIKE
SP4 154.650 TP 155.685
SP5 154.905 TP 155.790
SP6 154.935 TP 156.090
NAT 154.475 TP 158.985
TAC 154.920 TOLL 159.165
C-C 155.505 3WY 465.525
XX 155.535 3WY 465.550
TP 156.045 ---------------
TP 151.070 DOT 47.22
TP 151.130 DOT 47.30
DOT 47.14 DOT 47.34
DOT 47.22 DOT 47.40
DOT 47.26
DOT 47.32
DOT 47.34
CP 39.62
CP 39.54

--
--
Joe Hamelin KB7WAI | tampico@teleport.com | Ain't no time to hate..
Tampico Washington USA | joeh@connected.com |
--

2120. Re: OptoScan 456

Newsgroup: rec.radio.scanner
Date: 1994-09-12 11:14:27 UTC
From: mtiernan@world.std.com
Message-ID: <Cw0KK3.Htv@world.std.com>
Source record: 268879

Jamie Hanrahan, Kernel Mode Systems <jeh@cmkrnl.com> wrote:
> billn@hpcvaac.cv.hp.com (bill nelson) writes:
> > jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
> It's the same idea as the 6400-channel mod: Replace the RAM
> with a bigger one, and add a way to control the extra address lines for
> selecting which "bank of banks" you want.
Yea but does the scanner do all the channels by itself or only
in blocks of 400? To then do more, you've got to flip a switch
or some such trick?
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

2121. Optoscan vs CE-232 unit.

Newsgroup: rec.radio.scanner
Date: 1994-09-12 11:17:58 UTC
From: mtiernan@world.std.com
Message-ID: <Cw0Kpy.I9C@world.std.com>
Source record: 268880

charlie cremer <cremer@delphi.com> wrote:
> dedicated to running the CE-232 interface.

Ok, how about a request for those of us new to the PRO-200x scanners,
is there a comparason of the Commtronics unit vs the Optoscan one?
That Optoscan one sounds like it's gonna cost some bucks.

Do they both require an add in board at the computer or are they
all RS-232 controlled? Can you still use your 200x as a normal
scanner away from the computer, ie. mobile?
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

2122. RS-Pro-2006 backlight.

Newsgroup: rec.radio.scanner
Date: 1994-09-12 11:20:35 UTC
From: mtiernan@world.std.com
Message-ID: <Cw0KuB.ILq@world.std.com>
Source record: 268881

Could someone fill me in on something? In the manual for my
2006, they say something like "to extend the life of the
backlight, turn it off when not in use." What's the deal, how
long are these things supposed to last? What burns out on them,
I do belive they're electroluminesence but I didn't think they
had a short life.
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

2123. FOOTBALL COACH FREQS

Newsgroup: rec.radio.scanner
Date: 1994-09-12 11:27:52 UTC
From: M09@tes.edu
Message-ID: <M09.16.000B7741@tes.edu>
Source record: 268892

I noticed that while watching the NFL game between the Redskins and the Saints on 9-11 that both coaches were using headsets that were connected to walkie-talkie type radios on their belts with antennas. Anyone know the freqs for these radios and how do they keep from listening to the opposing teams info?

2124. test

Newsgroup: rec.radio.scanner
Date: 1994-09-12 11:56:24 UTC
From: M09@umbc.edu
Message-ID: <M09.17.000BF101@umbc.edu>
Source record: 268893

```
this is a test
```

2125. test 2

Newsgroup: rec.radio.scanner
Date: 1994-09-12 12:02:40 UTC
From: M09@umbc.edu
Message-ID: <M09.18.000C0BC1@umbc.edu>
Source record: 268895

```
this is another test
```

2126. Re: paging software

Newsgroup: rec.radio.scanner
Date: 1994-09-12 12:15:09 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <351god$ccf@umcc.umcc.umich.edu>
Source record: 268883

80 character Advisor? Mine displays 240...Anyhow, call Compuserve and download Alpha-page, a great Windows based paging program and it's shareware. The registered version has spell check and a few other neat things. It sells for around $120. Also Egghead can special order Notify, which is another great Windows paging program for around $149
Les

2127. Re: Cell phones????

Newsgroup: rec.radio.scanner
Date: 1994-09-12 12:48:56 UTC
From: peter@Thoth.usa.3Com.com
Message-ID: <3098@bridge2.NSD.3Com.COM>
Source record: 268917

In article 070994170921@msharpe.iac.honeywell.com, sharpM@iac.honeywell.com (Marty Sharpe) asks:
>
>Which make and model Cell Phone is hardest to "inadvertantly" overhear?

You want either a "TDMA" system or a "CDMA" system. Both are so difficult to monitor with a scanner as to be practically monitor-proof. Ask your service provider.

Peter

Peter Simpson, KA1AXY Peter_Simpson@3com.com
3Com Corporation (508) 836-1719 voice
Northborough, MA 01532 (508) 393-6934 fax

I speak only for myself, 3Com doesn't pay me to speak for them, so I don't.

2128. Re: WHAT'S WRONG WITH MY RS-2006?

Newsgroup: rec.radio.scanner
Date: 1994-09-12 13:15:53 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cw0q6H.1tG@nntpa.cb.att.com>
Source record: 268884

In article <34sjk2$ntl@nic.umass.edu>,
Joseph M. Scamardella at RatHouse International
<jmscamar@titan.ucs.umass.edu> wrote about his PRO-2006:

>Most of the time (not always) after the scanner has been on for about 15
>min a " carrier" type sound and a distorted voice or howl/squeal is
>present when a transmission occurs; this occurs exclusively in the 134 -
>135 mhz am range. this is an internally generated noise and is not
>interference. The problem always clears up after the unit has been on long
>enough, after 45 min or so.

Sounds like an IF or RF stage is breaking into oscillation.
I haven't had that problem on my PRO-200x scanners, but I did
replace an MC1488 op amp IC in the IF of an Icom R-7000 to cure the
problem you describe. Another manifestation of the self oscillation
was that is produced "wandering birdies."

Several years ago, I returned a portable PRO-30 to Radio Shack
because the IF stage broke into oscillation, but it oscillated
regardless of where the radio was tuned.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2129. STATE PATROL FREQS (text)

Newsgroup: rec.radio.scanner
Date: 1994-09-12 13:31:00 UTC
From: sysop@pfzrfsg.com
Message-ID: <29e.2660.21@pfzrfsg.com>
Source record: 268891

The posting regarding State Police Frequencies from tampico@teleport.com
is incorrect for New Jersey.

The New Jersey State Police use a statewide trunked system:

Troop A (South): 855.2125, 855.4625, 855.7125, 856-860.4375, 856-860.9375
Troop B (North): 856-860.4625, 856-860.9625, 866.5625, 867.2375
Troop C (Central): 856-860.7125, 857-860.2125, 867.2125, 867.6625, 868.1375

The assignments are not hard and fast. Some frequencies are used as overflow
for other troops and the system is reconfigured from time to time.

Internet E-Mail: sysop@pfzrfsg.com (System Supervisor)

2130. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-12 13:46:43 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <351m43$2d4@thecourier.cims.nyu.edu>
Source record: 268836

Where can ACARS xmissions be found?

Steve
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

2131. Re: RS-Pro-2006 backlight.

Newsgroup: rec.radio.scanner
Date: 1994-09-12 13:56:55 UTC
From: DPalmer@ix.netcom.com
Message-ID: <351mn7$9jb@ixnews1.ix.netcom.com>
Source record: 268886

In <Cw0KuB.ILq@world.std.com> mtiernan@world.std.com (Michael C Tiernan) writes:

>
> Could someone fill me in on something? In the manual for my
> 2006, they say something like "to extend the life of the
> backlight, turn it off when not in use." What's the deal, how
> long are these things supposed to last? What burns out on them,
> I do belive they're electroluminesence but I didn't think they
> had a short life.
>--
> << MCT >> mtiernan@world.std.com
> Michael C Tiernan. GEnie: M.Tiernan
> Boston Computer Society member AOL: M Tiernan or BCS Mike
> Is God a performance artist?
>

My 7 year old '2004's backlight flickers intermittantly. I cant force it
by tapping on the case or jiggling anything. It happens in both bright and
dim modes. Maybe it isn't so long lasting. This scanner spent a year without
ever being turned off.
--

David Palmer DPalmer@ix.netcom.com
Monterey, California 4108@mgs.com
MPTV Cable, Western Communications

2132. What are these freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-12 14:47:04 UTC
From: mtiernan@world.std.com
Message-ID: <Cw0uEG.G1K@world.std.com>
Source record: 268887

I've got these freqs listed and I've not heard anything from
them. I was wondering if anyone has ever heard anything from
them in the greater Boston area.

155.475 - National Law Enforcement
154.22 - Mass Metro Fire
153.965 - Civil Defense
47.66 - Red Cross
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

2133. Ever seen freqs operate like this?

Newsgroup: rec.radio.scanner
Date: 1994-09-12 14:49:31 UTC
From: mtiernan@world.std.com
Message-ID: <Cw0uIJ.Gvo@world.std.com>
Source record: 268888

While tuning around, I found two freqs that seem to be
connected. This doesn't surprise me but that one of them works
AM and the other FM and for the same service.

The Middleton MA Police can be heard on 471.6250 AM a bit weakly
and better on 471.6125 FM.

I've never seen this before, anyone else used to it?
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

2134. BC2500XLT, Double or Triple Conversion?

Newsgroup: rec.radio.scanner
Date: 1994-09-12 14:56:16 UTC
From: domonkos@access.digex.net
Message-ID: <Gb7TkiubGA1V066yn@access.digex.net>
Source record: 268889

Is the BC2500XLT double or triple conversion. What are the IF's. I thought I saw a post somewhere state that it's a triple conversion receiver. Thanks.

Andy

2135. Re: Scrambling Cordless Signal?

Newsgroup: rec.radio.scanner
Date: 1994-09-12 15:41:00 UTC
From: stes@wcsn.csms.com
Message-ID: <925@wcsn.csms.com>
Source record: 268855

You might check out the new 900 Mhz. cordless phones.
I have seen some of them advertised as "spread spectrum" which
should give some scrambling function.
Take a portable scanner to a store and try their phones & scope it out.
They are expensive though. The ones I have seen are ~~ $300.
Personally, I use 25 foot cords on all my handsets.

2136. pro-2006 purchase

Newsgroup: rec.radio.scanner
Date: 1994-09-12 15:59:33 UTC
From: dretzik@uoguelph.ca
Message-ID: <351tt5$m9r@nermal.cs.uoguelph.ca>
Source record: 268896

I have a chance to buy a 2006 at a local radio shack. Production date is
December 1993. Is this O.K. ? Anything I should know to look for?
Thanks in advance,

Dave.

2137. Re: What are these freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-12 16:02:15 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <351u27$449@thecourier.cims.nyu.edu>
Source record: 268850

|> 155.475 - National Law Enforcement

While I've never heard xmissions on this freq before either,
I anticipate it will only be used when an interagency coordination
is required across state (or commonwealth) lines. In Middlesex
County, NJ, for instance, the level of interagency coordination
proceeds like this:

If an emergency occurs that involves two or more agencies within
Middlesex County, they communicate on 453.475, which is sometimes
called the "hotline" or the "red phone". Then, if the emergency
either escalates to, or initially involves an agency within the
county and one or more outside the county, the communication moves
to SPEN 1, the Statewide Police Intersystem Network, 154.680. All
agencies in the state can transmit on this freq. Initial comms
on this freq are usually opened by "<name of town> to all surrounding
towns on SPEN..".

I assume that if a chase (which is all I usually hear on SPEN in
my neck of the woods) proceeds across state lines, that's when
the NLEEF will come in handy. I've also heard that agencies can
coordinate with Federal authorities on this freq. Recently, Newark NJ
cops had to respond to a federal agent in need of urgent backup,
and I still didn't hear anything on NLEEF.

I wouldn't expect too much to be heard here unless you live near
a state border or there is a big time emergency. Don't waste
a channel if you haven't any to spare. Same probably goes for
Red Cross. Unless you drive into hurricane-struck shore
communities often.

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

2138. Re: Why scan slowly?

Newsgroup: rec.radio.scanner
Date: 1994-09-12 16:26:22 UTC
From: Ben Hernandez <ben.hernandez@macsch.com>
Message-ID: <Cw0yzz.D3x@draco.macsch.com>
Source record: 268897

> Claude Alan Cartee, ccartee@regal.cisco.com writes:
>I have a Bearcat 2500XLT, and it has options for normal and 'turbo'
>scan. The 64k question, is what are the advantages to scanning fewer
>number of channels per second? Is the scanner more likely to skip an
>active transmission in a faster scan mode?

I have owned the wonderful BC 2500 xlt for about a year now, it has a
tendency to skip over very weak signals in Turbo Scan mode.

-Ben

2139. AOR and shortwave

Newsgroup: rec.radio.scanner
Date: 1994-09-12 16:52:00 UTC
From: amlper@vax2.concordia.ca
Message-ID: <12SEP199411521706@vax2.concordia.ca>
Source record: 268894

I read an ad featuring the AOR1500 and the AOR AR1000 XLT
and was rather impressed with the continuous frequency range
from 0.5MHz to 1300MHz, which includes shortwave.

Are these two scanners built to receive shortwave signals,
even the weak ones? Or is shortwave reception weak?

2140. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-12 17:19:30 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.469.001153B2@ccm.hf.intel.com>
Source record: 268871

In article <34lkto$7v7@gdwest.gd.com> dfmayes@gdwest.gd.com (David F Mayes) writes:

>In article <34iqcn$ft2@gdwest.gd.com>,
>David F Mayes <dfmayes@gdwest.gd.com> wrote:
>>knows the frequencies for the "Airfone" or "SkyRadio" services.
> ^^^^^^^^

>Hmmm, so far nobody knows the frequency for "SkyRadio"...
>SkyRadio has live news, sports, talk, etc. I heard Monday Night
>Football on it during my flight.

SkyRadio comes direct from satellite to the planes.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2141. Re: Cell phones????

Newsgroup: rec.radio.scanner
Date: 1994-09-12 17:19:39 UTC
From: dmorton@cix.compulink.co.uk
Message-ID: <Cw11Gr.Ep5@cix.compulink.co.uk>
Source record: 268899

> Hi, I am a new reader of this group and would like to ask a (probably)
> simple question.
> > Which make and model Cell Phone is hardest to "inadvertantly"
overhear?
> > Please respond by posting.
> > Thanks
> > Marty

GSM ones.

2142. Oakville/Toronto Canada Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-12 17:27:52 UTC
From: moxness@acs.ucalgary.ca
Message-ID: <Sep12.172752.52848@acs.ucalgary.ca>
Source record: 268898

As per the subject line I am interested in a few local
frequencies for the Oakville Ont. or Toronto area. Anything that
can be supplied ASAP is appreciated. THANKS!

-jack

2143. Alkaline AA Batteries and BC200?

Newsgroup: rec.radio.scanner
Date: 1994-09-12 17:54:26 UTC
From: ashabana@agsm.ucla.edu
Message-ID: <3524ki$19e@news.mic.ucla.edu>
Source record: 268909

I am tired of having my BC200 die on me unexpectedly. I also went through 3 set of battery packs in the last 2 years. Does anyone know of a battery pack that will fit the BC200 that takes AA or similar Alkaline/ Rechargeable batteries?

Thanks

Ahmed

--

Ahmed A. Shabana |
Anderson Graduate School of Mgmt.|
U.C.L.A. |

2144. Re: pro-2006 purchase

Newsgroup: rec.radio.scanner
Date: 1994-09-12 17:54:54 UTC
From: domonkos@access3.digex.net
Message-ID: <3524le$6jq@news1.digex.net>
Source record: 268912

David Retzik (dretzik@uoguelph.ca) wrote:
: I have a chance to buy a 2006 at a local radio shack. Production date is
: December 1993. Is this O.K. ? Anything I should know to look for?
: Thanks in advance,

: Dave.

ALL 2006's to date are modifiable. It has been discontinued. Buy, you'll
like it!

Andy

2145. BC2500XLT Keyboard Mods...

Newsgroup: rec.radio.scanner
Date: 1994-09-12 18:07:39 UTC
From: domonkos@access.digex.net
Message-ID: <tT9TkiubGwVH066yn@access.digex.net>
Source record: 268915

I understand that Uniden manufactured scanners (like 200XLT, Pro-51) have test freq's that are enabled when a keyboard sequence is performed. Has anyone tried these with the 2500XLT? I know there is no direct search feature w/the 2500 but if it's VFO tuning is similar to the 890XLT then once the test freq. is in memory (8XX.XXX Mhz) etc, the VFO tuning (and/or up down buttons) may be able to step thru these ranges. I'd appreciate any results if anyone has tried this. Thanks.

Andy

2146. Re: Dallas/Ft. Worth FQ

Newsgroup: rec.radio.scanner
Date: 1994-09-12 18:43:51 UTC
From: copeland@metronet.com
Message-ID: <Cw15D4.Csq@metronet.com>
Source record: 268825

In article <34s6di$flg@search01.news.aol.com>,
Mootpoint <mootpoint@aol.com> wrote:
>In article <30q05q$etf@search01.news.aol.com>, bsaladino@aol.com
>(BSaladino) writes:
>
>The most complete list of freqs is on a BBS in Dallas called Alpha Drive
>and you can D/L it. Alpha's number is 817 321 3123, it can dailed as a
>local call from Dallas.

Better yet, get a copy of "D/FW Frequency List" from Tucker in Dallas.
It costs $20, but worth it.

--

| copeland@metronet.com |

2147. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-12 18:51:34 UTC
From: dbushong@wang.com
Message-ID: <Cw15q0.6B9@wang.com>
Source record: 268904

reece@eco.twg.com (Reece R. Pollack) writes:

>A couple of years ago Radio Shack started a campaign to update their
>mailing lists by asking for your name and address on even cash sales.
>This little pitch starts off with, "May I have the last four numbers
>of your phone number?"

Let's do something like this: everyone on the net, if you have to buy something at RS, use the same number as everyone else. Let's say, the number is "7448". Give the last name "Head". Make up any address you want. This will only have to be done once per store, for the next one of us who goes in there, giving the magic number "7448", then they say "Last name?" and you say "Head", and it's already in there, and you don't have to do anything else, such as waste time arguing about whether or not you have to give it to them, etc.

If the number is already in the machine, then you know one of us was there before you.

Eventually the more astute salesdroids will realize that you are calling him a 7448-head (look on your phone for translation) and probably won't pester you for the real number.

Dave

--
Dave Bushong
OPEN/image Recognition Products

2148. Re: Bearcat BC2500XLT (beginner questions)

Newsgroup: rec.radio.scanner
Date: 1994-09-12 18:57:27 UTC
From: ccartee@regal.cisco.com
Message-ID: <CCARTEE.94Sep12115729@regal.cisco.com>
Source record: 268834

In article <779296972@f747.n115.z1> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:

The units all have a date code on the back of the radio. New units that can be still modified for continuous coverage are 0LIC (meaning 12/93) and were the ones that showed remarkable improvements. Current units are running 0FID or so. It has been reported on CompuServe that these units are no longer capable of modding for continuous 800 Mhz coverage as they have installed the new chip in this one.

My unit is marked as 0FIC. The dealer reported that this unit was modifiable. Is this accurate, and does this unit 'show remarkable' improvements?

The BC 2500 is about to be discontinued to make way for the BC 3000XLT. Not sure what features it will have but has been speculated that service search, (found on the BC220, Pro51 (made by Uniden for RS) Sportcat 150) will be included on this unit.

I am not familiar with the 'service search' feature. What does it do?
--

Claude Alan Cartee "I have neither the time nor the inclination to explain
1525 O'Brien Drive myself to a man who rises and sleeps under the blanket
Menlo Park, CA 94025 of the very freedom I provide...
ccartee@cisco.com ... and then questions the manner in which I provide it"
415 688-7801 -Col Nathan R. Jessep

2149. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-12 19:03:14 UTC
From: reece@eco.twg.com
Message-ID: <3528li$81b@scoop.eco.twg.com>
Source record: 268835

In article <29e.2597.21@pfzrfsg.com>, sysop@pfzrfsg.com (System Supervisor) writes:
|>BC> If their cockpit radios don't affect the airplane's navigation, why should
|>BC> your scanner do it, since you're doing the same thing?
|>
|>One argument I have heard is that the airplane's equipment is specifically
|>designed and certified not to interfere with other electronic devices in the
|>plane. This argument holds little water as it is inconceivable that the tiny
|>emission from the scanner's 10.7MHz mixer could find its way to any onboard
|>avionics with sufficient energy to cause interference.

"Inconceivable" is not the same as "impossible". There are several cases
in the NASA safety database where the "inconceivable" has happened. Since
the lives of all aboard may depend on the "inconceivable" not occurring,
please follow the federal regulations.

2150. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-12 19:05:09 UTC
From: dbushong@wang.com
Message-ID: <Cw16Cn.6sz@wang.com>
Source record: 268826

smacken@aol.com (SMacken) writes:

>As a former employee of RS I feel compelled to respond to the considerable
>Abuse that RS employees have been taking in this and other forums about
>the various nets.

What RS employees have been getting abuse about the various nets?

>First I must ask you if you remember the 'OLD' slip of paper sales
>procedure that was used ?
>If you do you must also remember the unacceptable amout of time it took to
>complete a sale !

So the policy has been unacceptable all along, is that what you are trying
to say? I have to agree with you there.

>Then as now you were perfectly capable of using another name and address
>at any time you wished. Or in most cases NONE even though it was against
>company policy !!

This is that unacceptable policy you are referring to, right?

>You must also be aware buy now that RS !!DOES NOT!! use the information
>supplied in it's point of sale data base for any purpose other than RS
>needs. This information has never been and i assume never will be sold to
>other data base companies !!

I remember a truism about people who assume. Have you heard it?

>I like you I assume do not like the idea of getting flyiers in the mail
^^^^^^^^
>selling everything onder the sun. Just because I made a contribution to my
^^^^^
>local PBS station.
>I always use a misspelling in the situations.

Say it isn't so!

>Which allows me to know who is selling lists.

You get your information from the occult?

>Did you know the PHONE COMPANY still does this ??

Yes I did. In fact, they sent me this hardcopy list of almost all of
their customers. They cleverly call it.... get this... a "phone book".

>OK ! Heres the hard sell part...

>Yes, I have to agree that the RS salespeople are somewhat less informed
>than salespeople in say a HI-FI store.

Or people who work in a toll booth.

>Just because one of them doesn't know the frequency of the secret service
>office in tacoma on thursdays doesnt mean that the employee is an idiot.

No, there are plenty other of reasons that mean he is. The fact that
he works there at all is a big clue. The only person who would be
more of an idiot would be someone who couldn't make it as a RS
salesdroid, and has to admit the fact they they are a RS washout.

>When I was employed by them I found that the majority of those I worked
>with were incredibly interested in my ability to listen to 'COOL' stuff on
>the scanners in the store.

Quod erat demonstrandum.

--
Dave Bushong
OPEN/image Recognition Products

2151. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-12 19:33:47 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Sep12.113347.4540@cmkrnl>
Source record: 268907

SMacken (smacken@aol.com) wrote:
: As a former employee of RS I feel compelled to respond to the considerable
: Abuse that RS employees have been taking in this and other forums about
: the various nets.
: First I must ask you if you remember the 'OLD' slip of paper sales
: procedure that was used ?
: If you do you must also remember the unacceptable amout of time it took to
: complete a sale !

This wasn't because of the slip of paper. I could usually get in and out of Telrad electronics, a local parts/tv service supply chain, in about half the time of a RS transaction, and *they* used paper. The problem was that RS insisted on collecting too much information that had to be *written down* on the slip of paper.

: Then as now you were perfectly capable of using another name and address
: at any time you wished. Or in most cases NONE even though it was against
: company policy !!

Perhaps RS company policy should be more oriented to serving the customer's needs than to serving RS's needs.

: You must also be aware buy now that RS !!DOES NOT!! use the information
: supplied in it's point of sale data base for any purpose other than RS
: needs. This information has never been and i assume never will be sold to
: other data base companies !!

I take it you are in a position to guarantee this "good behavior" on RS's part for all time? Interesting.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

2152. Re: What's The "World's Best" scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-12 19:36:48 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1994Sep12.193648.10230@news.csuohio.edu>
Source record: 268916

Well, the latest and greatest is supposed to be the AOR AR8000.
DC to Daylight, no gaps, 1000 channels, and about 600 dollars.
Currently europe only, but can be US with no 800 band? Not sure.

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

2153. Re: Radio Shack - New Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-09-12 19:37:13 UTC
From: jtomason@li.net
Message-ID: <352al9$t0p@linet02.li.net>
Source record: 268827

In article <34sevi$t3v@usenet.INS.CWRU.Edu>, ah335@cleveland.Freenet.Edu (Richard Banks) says:

>Now you have a catalog and you still have a $2 coupon to use and you have
>your $2 back that you paid for the first catalog with.
>

Yeah, but first you have to get the cashier drunk so that he doesn't check for the missing coupon in the returned catalog.

****
* :JOE TOMASONE: GOD IS REAL; UNLESS DECLARED INTEGER *
* INTERNET: jtomason@li.net AMPR AX.25: N2MUO@N2BQF.#NLI.NY.USA *
****

2154. Re: McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-12 19:43:15 UTC
From: jtomason@li.net
Message-ID: <352b0j$t0p@linet02.li.net>
Source record: 268910

In article <34u3v7$mn@blackice.winternet.com>, fever@winternet.com (Fever) says:

>Well, I've thought about this for a couple days now and still haven't found
>any good reason why anyone would want to listen to McDonalds frequencies...
>Please excuse my ignorance if I am missing an obvious one, Anyone wanna clue
>me in? 8-)

Try it. You can hear some pretty innnnteresting things from time to time. Topics can include
the girl at the window's impression of your car, why your fries are taking so long, etc.

I would reccommend the weekends; it's invariably more fun when the teeny-boppers are running the
show. (Specially if the other wired ones are their friends....)

One day if anyone is interested I'll relate the story of when one kid insulted my friend (behind his
back, or ears, as it were) and what happened.. Funny story.

****
* :JOE TOMASONE: GOD IS REAL; UNLESS DECLARED INTEGER *
* INTERNET: jtomason@li.net AMPR AX.25: N2MUO@N2BQF.#NLI.NY.USA *
****

2155. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-12 19:53:35 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Sep12.115335.4541@cmkrnl>
Source record: 268908

In article <Cvz0x5.3tx@rci.ripco.com>, glr@ripco.com (Glen Roberts) writes:
> I just run a cord from the headphone jack on my scanner to teh CD/AUX input
> on the car radio. Works great.

Gosh, Glen, what an original and creative idea!

What will you do for an encore?

Oh, I know -- you'll suggest getting a cigar lighter power adapter for the scanner, so it won't have to run on its internal batteries while it's in the car...

(Dear heart, the vast majority of car head units, including some very good ones, *don't have* CD/AUX inputs.)

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

2156. Military Air (Griffiss AFB)list

Newsgroup: rec.radio.scanner
Date: 1994-09-12 20:01:22 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cw18yA.JF4@freenet.carleton.ca>
Source record: 268900
Cross-posted to: ncf.sigs.radio-scanner,alt.radio.scanner,rec.radio.scanner

These frequencies are in use and have been monitored here in Ottawa, Canada

GRIFFISS AFB AREA FREQUENCIES

133.25 Boston Ctr (Lo)
279.5
135.075 Bos Ctr (Hi)
232.4
284.7 Griffiss ATIS
372.2 Pilot-Dispatcher
118.5 Griffiss Appr (East)
269.5
126.65 Appr (West)
353.6
311.0 Cmnd Pst
321.0
126.65 Tower
289.6
236.6
121.8 Ground
275.8
395.0 Dep
344.6 Metro
228.2 AMC aircraft

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

2157. Airband frqs...Ottawa/Mtl list

Newsgroup: rec.radio.scanner
Date: 1994-09-12 20:07:35 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cw198o.Jw9@freenet.carleton.ca>
Source record: 268901
Cross-posted to: ncf.sigs.radio-scanner,alt.radio.scanner,rec.radio.scanner

Airband stuff

OTTAWA INTERNATIONAL

1) 135.15 Ottawa Terminal
2) 247.0
3) 118.8 Tower
4) 236.6
5) 120.1 North Field
6) 341.3
7) 128.175 Departure
8) 252.5
9) 124.67 Ottawa Tml Cobden
10) 121.9 Ground
11) 275.8
12) 149.2150 Ground Vehicles
13) 119.4 Clearance Delivery
14) 283.5
15) 123.0 Shell Aerocentre
16) 135.15 Terminal (Rpt)
17) 149.35 Uplands F.D.
18) 173.25 MP's
19) 123.45 Air - Air
20) 333.0
21) 129.85 Avitat
22) 410.9875 RCMP
23) 413.2875 RCMP
24) 413.0625
25) 129.0750 MOT Dispatch
26) 129.2750 Air Ambulance
27) 123.15 Gatineau FSS
28) 126.7
29) 250.1 Petawawa Advs
30) 45.80
31) 49.90 Petawawa Range Ctl
32) 255.4 BTV FSS MSS RCO
33) 364.2 NORAD Dispatch
34) 276.5 USAF A/A Refuel
35) 311.0 ACC/AMC Cmnd Pst
36) 321.0
37) 268.0 Trenton Ops
38) 243.0 Emergency
39) 282.2 Boston Center
40) 344.6 Common Metro

BOSTON CENTER

41) 120.35 Turin
42) 123.875
43) 133.25 LO (d)
44) 135.25 LO
45) 279.5 (d)
46) 321.3
47) 323.0
48) 377.1
49) 380.3
50) 135.7 Mt. Mansfield/Berl
51) 282.2
52) 121.35 Lake George LO (d)
53) 128.325
54) 133.625
55) 348.7
56) 354.1
57) 393.3 LO (d)
58) 135.075 Utica
59) 232.4
60) 134.7 LEB
61) 381.4
62) 118.425 Woodstock
63) 133.425
64) 135.32
65) 269.2 LO
66) 277.4
67) 307.9 LO (d)
68) 360.6
69) 398.9 LO
70) 319.1 Millinocket
71) 290.5 BOS ARTC
72) 348.2
73) 134.77 Cleve - HI
74) 135.77
75) 132.1 NY CTR Sayre
76) 352.0
77) 282.7 AR
78) 255.6 Unkn
79) 279.5 AR
80) 364.2 NORAD

NEW YORK & VERMONT AERONAUTICAL

81) 121.1 Burlington App (E)
82) 396.1
83) 126.3 Burlington App (W)
84) 360.8
85) 293.7 Maple Ops VT ANG
86) 261.8
87) 293.7

88) 314.4
89) 126.2 BTV Advs Ft Drum
90) 241.0
91) 239.8 Plattsburgh METRO
92) 303.0 Plattsburgh OPS
93) 393.0
94) 321.0 Adirondack Ctl
95) 311.0 (S)
96) 120.7 Plattsburgh Twr
97) 255.6
98) 236.5
99) 372.2 PTD Common
100) 344.6 Metro Common
101) 255.4 FSS Common
102) 126.65 Griffiss App (E)
103) 353.6
104) 118.5 Griffiss App (W)
105) 363.8
106) 228.2 AMC Airlift Ctl
107) 124.2 Syracuse App (N)
108) 279.6
109) 124.6 Syracuse App (S)
110) 398.95
111) 379.5 174 FW Ops
112) 339.85 SYR Army Ops
113) 38.30 Ft Drum Ops
114) 280.8
115) 304.3 Drum Metro
116) 235.1 Cmnd Pst (SAC)
117) 348.9 Cmnd Pst (SAC)
118) 381.3 ACC Command Post
119) 264.9 NORAD Dispatch
120) 342.5 Loring Metro

MONTREAL & TORONTO CENTRE

121) 134.975 Gatineau W-E (S)
122) 266.8
123) 132.35 Montreal Ctr
124) 133.225
125) 134.4 West-East (N)
126) 229.2
127) 245.0
128) 294.0
129) 132.85 Mont-Laurier
130) 132.55 Sherbrooke
131) 226.0
132) 134.15 Mtl Tml (VFR Advs)
133) 350.7
134) 125.15 Mtl Tml (Arr)
135) 287.2

136) 124.65 Mtl Tml (Dep)
137) 268.3
138) 323.2
139) 123.25 Canadair Mirabel
140) 135.9 St Hubert Ops
141) 322.1
142) 134.57 Toronto Ctr
143) 135.05 Stirling (LO)
144) 398.4
145) 124.675 Coehill
146) 132.375 North Bay
147) 356.3
148) 124.925 Toronto Ctr
149) 125.775
150) 127.0 (LO)
151) 132.475
152) 132.8 (LO)
153) 134.925
154) 135.625 (LO)
155) 236.8
156) 294.5 (LO)
157) 344.3
158) 354.3 (LO)
159) 374.5
160) 231.95 Brockville
--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

2158. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-12 20:12:17 UTC
From: hoffj@mhd1.moorhead.msus.edu
Message-ID: <1994Sep12.151217.1797@msus1.msus.edu>
Source record: 268838

I thought there was a law against companies requsting personal information
to complete a sale. There must some sort of privicy law.

Jerad

2159. Re: NORAD radio frqs. NY & NE list

Newsgroup: rec.radio.scanner
Date: 1994-09-12 20:13:38 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cw19Iq.KBs@freenet.carleton.ca>
Source record: 268922
Cross-posted to: alt.radio.scanner,rec.radio.scanner

These frequencies can be heard from Ottawa, Canada..

MILITARY AERO (NY & NE)

228.9 NORAD ME QUE
251.0
256.6
263.6
270.4
274.4
228.6 NORAD ONTARIO
235.9
239.1
239.7
254.4
258.8
261.4
271.0
276.0
278.2
282.6
284.8
288.4
292.4
293.8
309.5 HUNTRESS
318.4 AWACS
328.0
327.6
324.6
282.4
228.7
273.8 ACC SAC FEMA
342.2 ACC (SAC)
321.2
375.7

348.7 Bos Lake Geo
282.2 Bos Mt Mans
321.3 Bos Turin
323.0
377.1 Bos Massena
360.8 Burl App
283.8 NORAD BoatSai

303.0 NORAD VT ANG
258.8 NORAD
309.5
233.6
318.4 AWACS
251.8 AWACS
303.9
364.2 NORAD Disp
239.8 PBG Metro
372.2 PBG PTD
311.0 Adirondack
321.0 RAYMOND 42
276.5 AR
138.525 Maple Ops
261.8
293.7
255.4 FSS
235.1 A-A (unconf)
282.4 AR (unconf)
324.6 AR
295.8
283.9
318.0 AR (unconf)
238.9
260.2
289.7
293.0
295.4
319.5
319.7
320.9
343.5
348.0

227.1 NORAD NY
228.8
234.7
235.8
236.8
238.5
244.7
254.0
263.2
271.8
278.8
283.8
287.8
292.7
298.5
298.8

303.0
306.4
316.2
325.5
338.1
338.8
342.1
351.6
356.0
369.0
375.1
389.2
392.8
394.5

235.1 AIR REFUELING
238.9
260.2
276.5 MAIN AR FREQ
282.7 LAKE ONT AR
283.9 AR
289.7
290.5 BOS ARTC (S)
293.0
295.4
295.8
318.0 PBG KC's
319.5
319.7
320.9
324.6 LAKE ONT AR
343.5 AR
344.7
346.4 BOS ARTC (P)
348.9 LAKE ONT
360.8 GETTY KC'S
225.8 NORAD VT ANG
233.6 NORAD
239.4 ONT NY N ENG
251.8 AWACS
252.0 NORAD
258.0
261.2 VT & RNAF
265.4 NORAD
273.4
278.4
288.2 AWACS
303.9 ONT NY N Eng
313.6 AWACS
342.2 ONT NY N Eng

239.7 NORAD MidW
375.7
364.2 NORAD Disp
138.2 NORAD FM FREQ
141.7 NORAD FM

check 6,

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

2160. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-12 20:18:27 UTC
From: gbelton@cris.com
Message-ID: <yl7TkasteAFF065yn@cris.com>
Source record: 268905

In article <1994Sep10.014743.5374@hpcvaac.cv.hp.com>, bill nelson wrote:
: : I use mine at home, and the range was a bit short for my needs - I would
: : lose the signal if I went into the next room. I just extended the antenna a
: : bit with 20' of hookup wire, and now it works fine.

> Just using the included antenna - lying on top of my scanner - I have a range
> of 50-75 feet. If I were to tack the antenna up, the range would probably be
> greater.

I should have mentioned that I live 1/2 mile from a megawatt FM broadcast
transmitter. It tends to de-sensitize recievers in my house.

2161. Re: Advice solicited

Newsgroup: rec.radio.scanner
Date: 1994-09-12 20:57:01 UTC
From: smacken@aol.com
Message-ID: <352fat$4ic@search01.news.aol.com>
Source record: 268831

Dusty,

Ya just cant go wrong with the RS2006.

Check the want-ad for an even better price too and use the leftover
cash for some of the mods or preamps/filters etc..

steve

2162. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-12 21:00:10 UTC
From: smacken@aol.com
Message-ID: <352fgq$4k9@search01.news.aol.com>
Source record: 268832

Dave,

I can only make one comment reguarding using the 4 digits 7448 and the last name Head.

That is..

HAHAHAHAHAHAHAHAHAH

Great Idea !!!!!

steve.

2163. Re: What are these freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-12 21:16:03 UTC
From: smacken@aol.com
Message-ID: <352gej$4sj@search01.news.aol.com>
Source record: 268828

154.22 is the metro fire VHF frequency. All transmissions on this
frequency are retransmitted on 483.1625.
During a fire of several alarms or more in the metro boston area..
ie south to weymouth
north to peabody
and west to natick
you will hear lots of activity on this freq.

154.22/483.3125 test every night at 8 and every morning at 10
on saturday they test all the apparatus as well.

153.965 I have heard activity on the mcad freq. Coming out of framingham.
But it is rare. Only during the big ones is it really active.

47.66 this frequency has an interesting history.
Way back it was used by the Red Cross a lot out of the Newton office among
others.
Then Chalk ambulance started dispatching there too !!
Chalk was so busy all the time that the Red cross essentially abandoned
the freq. The base station is still there in newton but is older than i am
!!!!
Well now Chalk has switched over to 800 mhz.
so I guess you could say that this freq has been pretty much abandoned.
but give it a listed during the big one !! the mobiles still have it as an
option.

have fun

steve

2164. Re: pro-2006 purchase

Newsgroup: rec.radio.scanner
Date: 1994-09-12 21:18:04 UTC
From: smacken@aol.com
Message-ID: <352gic$4to@search01.news.aol.com>
Source record: 268829

go for it dave.

2165. Re: Alkaline AA Batteries and BC200?

Newsgroup: rec.radio.scanner
Date: 1994-09-12 21:20:01 UTC
From: smacken@aol.com
Message-ID: <352gm1$4ui@search01.news.aol.com>
Source record: 268914

Try calling 1-800-race-fan

The are coming out with a new pack called the XLT-AAA
for about $33. It will hold rechargables or ni-cads.

I dont have one but sounds great to me.

Its worth the call.

Tell em member 14331 sent ya.

steve

2166. Re: Advice on Grove filte

Newsgroup: rec.radio.scanner
Date: 1994-09-12 21:37:01 UTC
From: smacken@aol.com
Message-ID: <352hlu$554@search01.news.aol.com>
Source record: 268919

The Grove FTR5 has fixed filters as well as one tuneable one that worked very very well for me to kill a pager on 152.34 ish..

steve

2167. Re: Ever seen freqs operate like this?

Newsgroup: rec.radio.scanner
Date: 1994-09-12 21:41:02 UTC
From: smacken@aol.com
Message-ID: <352hte$56k@search01.news.aol.com>
Source record: 268920

You are hearing the middleton police frequency of 471.6125
which is their assigned frequency.
The AM signal is du to the fact that you are way off the center frequency
and into the signals sideband.
Normally the radio will not respond to the sidebands because the signal
level is so low. I assume you are in or very near the transmitter.

steve

2168. Re: What are these freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-12 21:49:12 UTC
From: jim4dice@aol.com
Message-ID: <352ico$5ad@search01.news.aol.com>
Source record: 268921

In article <Cw0uEG.G1K@world.std.com>, mtiernan@world.std.com (Michael C Tiernan) writes:

> I've got these freqs listed and I've not heard anything from
> them. I was wondering if anyone has ever heard anything from
> them in the greater Boston area.>

> 155.475 - National Law Enforcement
> 154.22 - Mass Metro Fire
> 153.965 - Civil Defense
> 47.66 - Red Cross

Don't know about the fire freq., but the others wouldn't normally be very active unless there was an emergency or situation which would call for their use. For example, the National Law Enforcement is shared by P.D.'s across the country and could be used by a P.D. in one state to communicate with a P.D. in another state in a situation where that was necessary. Under normal circumstances, departments would have no reason to use it.

Jim Fordyce
Coram, NY
jim4dice@aol.com

2169. Custom color maps of transmitter sites in IL, IN, WI, MI, NY

Newsgroup: rec.radio.scanner
Date: 1994-09-12 22:49:35 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cw1Gqn.5v2@nntpa.cb.att.com>
Source record: 268839
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave,rec.radio.swap

NOTE: Please do not call my daytime office phone nor send me
e-mail about RadioMap.

RadioMap - Custom Color Maps
of Transmitter Sites in IL, IN, WI, MI, and NY

by Bob Parnass, AJ9S

As a radio hobbyist, I've spent a lot of time trying to
identify the radio antennas and antenna towers I see in my
travels around the Midwest. An FCC license database is
useful but transmitter site information is often vague or
incorrect.

To help identify antenna towers, I invented a computer based
process which uses a combination of FCC and other databases
to create a color map, a RadioMap, showing transmitter sites
within a given area. After drawing my first RadioMap, I was
able to identify a neighborhood microwave tower which had
been a mystery since I first saw it in 1985. The
transmitter latitude and longitude information filed with
the FCC was correct, but the transmitter city was mistakenly
listed in the wrong city, in an adjacent county!

There are no streets, rivers, or ham radio stations shown on
a RadioMap, as they would clutter the map. Instead, there
are police, fire, cellular phone cell sites, paging
transmitters, state and local governments, businesses,
factories, etc. -- from VLF through microwave frequencies.
Fixed station locations are marked on the map, and callsign,
frequency, and licensee name are listed on a key page.

Choose the center location, and for $17, I will create your
color, custom RadioMap. At this time, I can make maps only
for locations in:

Illinois, Indiana, Michigan, New York, and Wisconsin

You can find transmitter sites in your neighborhood, near
your office, around airports, sports stadiums, or anywhere
else within these 5 states. These color maps look
professional and can be laminated or framed. (A RadioMap of
my community hangs in an oak frame in my office).

Map coverage area will be adjusted for best readability. A
range of 1 - 2 miles works best in areas with a lot of

transmitters. For example, using RadioMap, I found there are over 6,800 transmitter sites within a 2 mile radius of the Loop in downtown Chicago! In rural areas, RadioMaps with a 5 mile range or greater are often possible.

To get a color, custom RadioMap, send:

1. Check for $17, payable to Bob Parnass. Personal checks subject to 2 week delay until your check clears.

2. The center location for your RadioMap, preferably latitude and longitude, down to the nearest one second, e.g., 41 41 15 North latitude, 88 18 33 West longitude. If you don't know the latitude and longitude, specify the city, and nearest street intersection, e.g., intersection of Ogden Avenue and Mill Street in Naperville, Illinois.

3. Your evening telephone number so I can call you if I cannot read your handwriting or have other questions about making your custom map.

Bob Parnass, 2350 Douglas Road, Oswego, Illinois 60543-9794
Evening telephone (708)554-3839. No calls after 10 PM Central Time, please.

September 4, 1994. Price and terms subject to change without notice.

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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2170. Internet QST article reprints info.

Newsgroup: rec.radio.scanner
Date: 1994-09-12 22:55:38 UTC
From: wy1z@delta.coe.neu.edu
Message-ID: <352m9a$ddh@chaos.dac.neu.edu>
Source record: 268851
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

For Immediate Release

Date: 12 September 1994

For Further Information, contact Scott Ehrlich, wy1z@neu.edu

The American Radio Relay League is running a four-part series on ham radio and the Internet titled "Exploring the Internet."

Parts one and two, Sept. and Oct. 1994, written by Steve Ford, WB8IMY, discuss what the Internet is, how to get onto it, and what the League has to offer the 'net.

Parts three and four, Nov. and Dec. 1994, written by Scott Ehrlich, WY1Z, discuss what commands and capabilities are available. Screen shots are used for examples.

If you miss it on the newsstands (meaning you are not an ARRL member), and would like reprints of the articles, here is the reprint ordering information:

Courtesy of Steve Ford...

Cost is $3 per article.

The contact person for reprints is:

Bridget DiCosimo
Technical Secretary
ARRL
225 Main St
Newington, CT 06111
--
Scott Ehrlich, Amateur Radio Callsign: wy1z wy1z@wg1i.ma [AX.25 Packet]
E-mail addresses: wy1z@neu.edu [Internet], wy1z@wa1phy.ampr.org [TCP/IP Packet]
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html

2171. Bearcat 220

Newsgroup: rec.radio.scanner
Date: 1994-09-12 23:07:09 UTC
From: rharding@olympus.net
Message-ID: <rharding.4.00171F2B@olympus.net>
Source record: 268800

Hello, my BC 220 is broken, and I need a schematic, and info about parts. If anybody has any ideas, please leave a message. Thank you in advance.
Ron

rharding@olympus.net

2172. Bearcat BC-120?

Newsgroup: rec.radio.scanner
Date: 1994-09-12 23:09:56 UTC
From: russell@gonix.com
Message-ID: <russell.779411396@gonix>
Source record: 268840

I noticed that Damark has a Unidec BC-120 for sale in the latest catalog for $169.95. I've been thinking about "upgrading" my BC-200XLT to a Sportcat, because it scans faster, is smaller, and I don't ever come anywhere near using all 200 channels in my 200.

The 120 looks to be pretty much exactly the same as the Sportcat, but without the direct-access buttons and WITH the number keys in the proper orientation, not in a row like on the Sportcat, which is the one thing that looks annoying about it.

So, does anyone have impressions of the 120? I'm not interested in cellular coverage at all, I have a Kenwood HT that handles that just fine on the rare occasions that I'm interested.

Please email and I'll summarize. Also, if anyone is interested in a slightly used, cellular modifiable BC200 with carry case, batteries that haven't been recharged much at all, the original duck and a Radio Shack scanner whip, for say, $165 + shipping, let me know.

Tim Russell, russell@gonix.com

2173. Looking for PENNSYLVANIA info

Newsgroup: rec.radio.scanner
Date: 1994-09-13 00:00:07 UTC
From: scan911@aol.com
Message-ID: <352q27$94m@search01.news.aol.com>
Source record: 268841

Hello Pennsylvania scanner folks:

I am looking for detailed scanner information for the following areas in Pennsylvania:

Erie
Scranton / Wilkes-Barre (including Poconos)
Johnstown-Altoona
Pittsburgh / Allegheny County
Harrisburg
Williamsport

In addition to frequency information and channel assignments, I also am looking for unit numbering lists, station lists, radio codes, etc.

Also trying to locate a NEW Pennsylvania State Police channelization plan or map showing which barracks is using which frequency in the new radio system scheme.

Can anyone help with this? Feel free to e-mail me at scan911@aol.com.

Thanks!

Chuck Gysi
scan911@aol.com

2174. Cellular Assault Scanner (DDI/D)

Newsgroup: rec.radio.scanner
Date: 1994-09-13 00:54:29 UTC
From: basham@hpcc01.corp.hp.com
Message-ID: <71960011@hpcc01.corp.hp.com>
Source record: 268843

OK, now that I have your attention...

Are you tired of listening to cellular conversations only to have the call handed off to the next cell just as the conversation gets juicy? Would you like a way of hearing only the best cellular calls and tuning out those annoying marital disputes? Would you like to log to tape the calls from your favorite cellular phones? Would you like to see the cellular phone number that is making a call while you listen to their conversation? Don't miss this opportunity to buy a fully automatic cellular assault scanner!

Start with one of the hottest receivers around (Icom R-7000), including:

- Infared remote control (couch potato heaven)
- Video receiver (pick up 900MHz video, etc.)
- 100 channel magazine^H^H^H^H^H^H^Hemory (no possible sporting purpose)
- AM, FM (Narrow, Wide, and Cellular data filters installed), SSB, NTSC..
- 12 VDC power option installed.

Then add the selective fire attachment:

- DDI/D control system (Digital Data Interpreter)
- Decodes forward and reverse digital data (does NOT decode ESNs)
- Decodes DTMF (and logs to disk for future reference)
- Cable harness for R7000
- Cable to PC serial port
- Rev. 4.2 software

Allows for logging of all calls or selected mobile numbers to tape.
(remote jack plugs into tape remote control to start/stop recorder)
Turns monitor speaker on when voice is present on call.
Decodes and logs to disk mobile number, cellular channels used,
DTMF sequences sent, power change instructions, etc. Really
useful for locating white Broncos!

Follows channel change instructions so no gaps appear in conversation

Displays mobile number when call begins

Currently, it is still legal to possess such equipment. If we get another silly bill through the white house before this silly Bill is voted out, ownership may be illegal. The usage of this equipment probably would violate several laws, statutes, etc. Consult your attorney before using it.

I assume no liability whatsoever for what you do with this equipment. I strongly encourage you to use it outside of the United States, where your freedom is not restricted (try Canada).

Why am I selling it? I'd much rather own a Politically Correct HP 8920 RF communications test set. I'll accept the highest offer over $1600 for the package. You will need to provide a PC to run it with.

Email to basham@hpcc01.corp.hp.com for info / highest offer.

2175. Re: paging software

Newsgroup: rec.radio.scanner
Date: 1994-09-13 01:09:04 UTC
From: fonmaster@aol.com
Message-ID: <352u3h$a7f@search01.news.aol.com>
Source record: 268842

In article <351god$ccf@umcc.umcc.umich.edu>, lbutler@umcc.umcc.umich.edu (Les Butler) writes:

> Anyhow, call Compuserve and download Alpha-page, a great Windows based > paging program and it's shareware.

Are you talking about the Alpha-page from Inforad? I've never seen it have a spell checker.

FON

2176. Monmouth County NJ Frequencies ?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 01:32:04 UTC
From: mrb1@cbnewsh.cb.att.com
Message-ID: <Cw1o9n.GFD@cbnewsh.cb.att.com>
Source record: 268906

Hi:

I am posting this with a distribution of 'nj', so if it propagates outside of the New Jersey area --- well, sorry, I tried :-)

Now that a kind soul has helped me out with the programming technique for our trusty Bearcat 101 scanner, I would like to set it up for my mother in her apartment to provide some listening enjoyment.

What I'm looking for are suggestions of "good" frequencies in the Ocean Twp area of Monmouth County, NJ (near Seaview Square, rts 66 & 33 & 18 & GSP, maybe a marine channel or two, etc.)

No paging freqs or McDonalds headsets but frequencies interesting to the civilian layman type of casual observer. The scanner has *16* channels so not a lot of room to play with compared to more contemporary units.

By the way, the apartment is on an upper floor of the building with quite a view (to the north / northeast) so feel free to suggest some "DX" too.

Thanks in advance for helping me out with this.

Maurice Baker
WA3ZXO
AT&T Bell Labs, Holmdel
mrbaker at attmail.com

P.S. -- I don't have a frequency list or chart of any sort, so even the obvious choices are welcome!

2177. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-13 01:42:33 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep12.204233.2897@hnrc.tufts.edu>
Source record: 268758

In article <1994Sep12.151217.1797@msus1.msus.edu>, hoffj@mhd1.moorhead.msus.edu (Jerad Hoff) writes:
> I thought there was a law against companies requsting personal information
> to complete a sale. There must some sort of privicy law.
>
> Jerad
>

But it's *optional*!

[This has been a test of your sarcasm meter. If you had the overwhelming urge to flame me, publicly or privately, your sarcasm meter is broken. But don't despair! Do you know that RS is now your source for the repair of out-of-warranty electronics . . .]

BTW, if you bring your out-of-waranty electronics to RS to get fixed, will they try to sell you an extended warranty on the repair?

2178. Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 01:45:12 UTC
From: slee@netcom.com
Message-ID: <sleeCw1ovD.B2q@netcom.com>
Source record: 268903
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I was wondering what exactly is the law regarding putting what you hear
on your scanner in print? Say I go to school and listen to the security
people and hear a fight breaking out. Can I actually quote what I hear
in the school paper? Thanks?

--
****
Sherwin Lee
slee@netcom.com or slee@eis.calstate.edu
****

2179. Re: Scanners Removed at RS

Newsgroup: rec.radio.scanner
Date: 1994-09-13 01:52:55 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseCw1p88.5q@netcom.com>
Source record: 268845

In article <779296974@f747.n115.z1> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
writes:
> -=> Quoting David Palmer to All <=-
>
> DP> Now I hear that they are not selling any remaining 2006s.
> DP>
> DP> True?
>
> Not to my knowledge. The '2006 should still be legal until they are all
>sold. These were manufactured before the law kicked in and can be sold
>until the inventory is depleted.
>
Then why did they take away the pro51's? Wern't they also made before
the law kicked in?

2180. Recently heard

Newsgroup: rec.radio.scanner
Date: 1994-09-13 03:20:33 UTC
From: tbodoh@pipeline.com
Message-ID: <3535q1$p24@pipe4.pipeline.com>
Source record: 268847

Recently heard on my scanner;

Officer: Please tell animal control that there's a dead cat in the
200 block of North Minnesota avenue

Dispatch: Northbound or Southbound?

Officer: <slight pause> It's kind of multi-directional now

Dispatch: I don't think I'll tell them that...

2181. Need CB Frequencies...!

Newsgroup: rec.radio.scanner
Date: 1994-09-13 03:21:52 UTC
From: g9153402@huey.csun.edu
Message-ID: <3535sg$4r5@nic-nac.CSU.net>
Source record: 268846

I want to fill up an entire channel bank in my scanner, with all 40 CB frequencies. The problem is, I don't know what they exactly are. I checked the instructions on an old CB I have, and all it says is that it broadcasts on CB channels 1 through 40. That doesn't do me any good.

I do think the frequencies are somewhere between 25 & 29 mhz, and are AM, but anyone have the exact numbers? Thanks.

2182. Re: Triggerfish Better than Scanners

Newsgroup: rec.radio.scanner
Date: 1994-09-13 03:35:01 UTC
From: walters925@aol.com
Message-ID: <3536l5$ctk@search01.news.aol.com>
Source record: 268848

In article <feustelCvAMG2.5CK@netcom.com>, feustel@netcom.com (David Feustel) writes:

tell me more

2183. Re: AOR 2500 Performance?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 03:55:05 UTC
From: walters925@aol.com
Message-ID: <3537qp$d9r@search01.news.aol.com>
Source record: 268918

In article <cbujak.8z2j@sycom.mi.org>, cbujak@sycom.mi.org (Chris Bujak)
writes:

you bet ive had the aor 2500 fo some time and am not so thrilled about it

when i bought it isaid .5 to 1500 mhz super plus computer software
great . how ever after sending mine back once because it had verry bad
noise
in it i have given up on it oh its ok for 800 mhz or for local police
howerver
give up on doning any decoder work with it its not senitive enough and ive
never loged any thing from 220-400 mhz and ive got a buddy that had bought
one before i knew him he uses his for a door stop the soft ware package is

a joke IT LOOKS GREAT ON PAPER BUT STUPID IS AS STUPID DOSE

2184. Re: Handheld Radio Antenna Lengths

Newsgroup: rec.radio.scanner
Date: 1994-09-13 04:21:47 UTC
From: HARRY ROBERTSON <gascan@delphi.com>
Message-ID: <RY5SvEr.gascan@delphi.com>
Source record: 268911

James Schoenberger <Schoen@ix.netcom.com> writes:

>What are the average lengths and widths for handheld radio antennas?
>(e.g. UHF--3 or 4 inches and stubby) I am curious about this because

James, I can not answer the question from a technical point of view
but I think that I can from a handheld user result. I have had
several scanners, radio shack and Bearcat. I get the best results
by far using a radioshack telescoping antenna ($9.98). The
others are expensive and work not as well.

good luck

Harry Robertson

Orchides forum trahite cordes et mentes veniant.

2185. Re: Anything better than "Police Call"?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 04:36:11 UTC
From: vector@inferno.com
Message-ID: <7723MLVFASKONHEUWG@inferno.com>
Source record: 268913

if you live in california, and better yet, in the bay area, i'd reccommend the Government Radio Systems Guide by Bob Kelty. it's an excellent choice, for the person more interested in system information and operation over licensing information (few callsigns given). very complete listings including repeater inputs (even nonstandard ones) and CTCSS/DPL/burst tone frequencies/codes. even some secret service/fbi/government stuff in the back for those interested in those ares of monitoring. very complete for what the name says, government. listing is by county/region. available in hard copy or on disk. the statewide version hasn't been updated since 1990, but is still quite complete, while the bay area version (san francisco bay area), was recently updated in 1993, and is quite accurate. not much else for the bay area is more complete.

greg

2186. Las Vegas freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-13 05:23:57 UTC
From: kschmidt@kaiwan.com
Message-ID: <353d1d$kp7@kaiwan.kaiwan.com>
Source record: 268830

I'll be traveling to Las Vegas this week end and I thought it might be interesting to listen in on the casino security chatter and/or other thing that might be going on at the hotel.

Does any one have the frequencies that might be used at the Sahara hotel?

Are ther any other interesting things that I might want to listen to in Las Vegas ?

Thanks for any info you might be willing to give.

Ken

2187. Las Vegas Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-13 05:33:46 UTC
From: kschmidt@kaiwan.com
Message-ID: <353djq$ml7@kaiwan.kaiwan.com>
Source record: 268833

I'll be traveling to Las Vegas this week end and I thought that it might be interesting to listen in on some of the casino security chatter and/or any thing else going on at the hotel.

Does any one have the frequencies that might be used at the Sahara hotel ?

Thanks for any info you can give,

Ken

2188. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 05:42:02 UTC
From: scan911@aol.com
Message-ID: <353e3a$f30@search01.news.aol.com>
Source record: 268837

In article <sleeCw1ovD.B2q@netcom.com>, slee@netcom.com (Sherwin Lee) writes:

>I was wondering what exactly is the law regarding putting what you hear >on your scanner in print? Say I go to school and listen to the security >people and hear a fight breaking out. Can I actually quote what I hear >in the school paper? Thanks?

Sherwin, as a news journalist, you should become familiar with the Communications Act of 1934. It spells out that what you overhear on the airwaves (except broadcast radio and hams and another cannot be used for financial gain (publication of a newspaper would be included here).

I am a former news editor (and reporter) and I never let a reporter quote over-the-air
traffic. They had to get information from the emergency services before we could publish anything.

Chuck Gysi, N2DUP
scan911@aol.com

2189. Re: Silent Play info

Newsgroup: rec.radio.scanner
Date: 1994-09-13 06:12:44 UTC
From: wier@merlin.etsu.edu
Message-ID: <wier-1309940012440001@csci-wiermac.etsu.edu>
Source record: 268923

In article <59.690.4048@windmill.com>, wade.cotton@windmill.com (Wade Cotton) wrote:

| Hi Gang:
| The Silent Play model number is 270-1715. Get the sales person
| to run that number to see if they have any in inventory. I think it's
| a discontinued item. But, there are quite a few still around.
| 73,
| Wade N5IST@N5IST.NM.USA.NOAM Carlsbad, NM
|
| ... We now return to our regularly scheduled flame-throwing.
| ___ Blue Wave/QWK v2.12

I found one today (with dust on it) as a RS east of Dallas (second one I've bought). $15.

======== insert usual disclaimers here ============
Bob Wier, East Texas State U., Commerce, Texas
keeper of the Adobe Photoshop, MC68HC11, ICOM and
Overland-Trails mailing lists <> wier@merlin.etsu.edu

2190. Going price for modified Pro-2006?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 06:12:47 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994Sep12.231247.9251@yvax.byu.edu>
Source record: 268924

What is a modified Pro-2006 in good condition going for these days?


```
,,__________________,
~\/(____(o(___________(+----------------------+
_/ (____(o| |Ken Johnson KB7ZLM |
) _______/ |johnsonk1@yvax.byu.edu|
/ /(_(_) +----------------------+
/ /
/ |
(_____)
```

2191. Cellphone Privacy

Newsgroup: rec.radio.scanner
Date: 1994-09-13 07:19:28 UTC
From: u9340203@wraith.cs.uow.edu.au
Message-ID: <353jq0$3m8@wraith.cs.uow.edu.au>
Source record: 268862

After reading various articles in this group I get the impression that people think that Digital & Encryption are the way to go to ensure your privacy.

Once digital becomes more popular, how long do you think it would take an enterprising Scanner manufacturer to manufacture a GSM or DAMPS capable scanner !!!!.

Should'nt be to long. I'm sure there are millions of $$$$$ to be made in this area. The signaling protocols etc are not proprietry infomation and are quite readily available to those who wish to look. They have to be as all the manufacturers have to make compatible equipment.

I bet there's some enterprising Uni Student making one of these devices as part of the Phd as we speek.

As for Encryption, it is more trouble than its worth. In order for encryption do be effective the key (code) must be secret. How do you have a secret key and still maintain the ability to dial whoever you like. Encryption is Fine as long as you only want to talk to a limited number of people with whom you share your key.

Anyway thats my two cents worth.

Rick

2192. Re: AR-2500 Control Software

Newsgroup: rec.radio.scanner
Date: 1994-09-13 09:01:23 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <779446883snz@javiaton.demon.co.uk>
Source record: 268854

In article <droyCw03KI.576@netcom.com> droy@netcom.com "Dave Roy" writes:

> I just got a used AR-2500 scanner and I am looking for software to
> control the radio via the rs-232 port. I AM NOT A PROGRAMMER by any

The only one I know of was the Gesmundo package sold by ACE - I
don't know if its still around. You might find varients on the
AR3000/Icom control packages may work as well but I have never
heard of anything.

--
Cheers, I'll have a Taylors Landlord please.....
JC
/--\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
| Telephone: +44-1274-732146 Fax: +44-1274-722627 |
\--/

2193. Misplaced FUNC key on AR8000!?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 09:11:52 UTC
From: torbjar@cdg.chalmers.se
Message-ID: <TORBJAR.94Sep13111153@wilfer5.cdg.chalmers.se>
Source record: 268865

Looking at a color picture of an AR8000 with LCD and keys lit, I see that the FUNC key is placed on the left edge together with MONI, LAMP and K.LOCK. This seems to be a bad design and means that the unit must be awkward to operate (with one hand) when it's not handheld (e.g., in a car or in front of you on a desk). Let's hope that the FUNC key doesn't work like a SHIFT key, so that you must hold it down while pushing the other key!

Nonetheless, it's an interesting step in scanner UI design. What I would like to see next is a redesign of the traditional, separate scan and search, fixed bank memory organization. Remove the distinction between scan and search banks. Introduce variable-size "banks", which are lists of some memory element. Each element may contain a single frequency (scan), a pair of frequencies (search), another list (or possibly something else). Thus, I can search several frequency ranges and scan a mix of frequencies and frequency ranges, and I can create lists for different locations (and occasions) by simply (well :-) using existing lists.

To create a UI to control this and provide an overview of the allocations in the restricted (display) space of an ordinary handheld scanner is probably a challenge. But I would prefer better functionality (and performance) to further miniaturization.

Yupiteru, are you listening?

-- H}kan

2194. Re: AOR and shortwave

Newsgroup: rec.radio.scanner
Date: 1994-09-13 11:08:04 UTC
From: malxndr@aol.com
Message-ID: <35416k$iaa@search01.news.aol.com>
Source record: 268844

In article <12SEP199411521706@vax2.concordia.ca>, amlper@vax2.concordia.ca (PERRELLA, ANDREA M.L.) writes:

> I read an ad featuring the AOR1500 and the AOR AR1000 XLT
> and was rather impressed with the continuous frequency range

>from 0.5MHz to 1300MHz, which includes shortwave.

>Are these two scanners built to receive shortwave signals,
> even the weak ones? Or is shortwave reception weak?

I Have a 1000XLT and hooked upa SW antenna. The upshot is that if you're really interested in listening to SW, get an SW receiver.

2195. Re: Going price for modified Pro-2006?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 12:05:24 UTC
From: banister@lobby.ti.com
Message-ID: <banister.97.000C1767@lobby.ti.com>
Source record: 268863

In article <1994Sep12.231247.9251@yvax.byu.edu> johnsonk1@yvax.byu.edu writes:
>From: johnsonk1@yvax.byu.edu
>Subject: Going price for modified Pro-2006?
>Date: 12 Sep 94 23:12:47 -0700

>What is a modified Pro-2006 in good condition going for these days?

$200...send it to me! :^)

Danny Banister email: ddb1@msg.ti.com
Texas Instruments Incorporated email: 4403502@mcimail.com
13353 Floyd Road , MS 370 phone: (214) 995-1520
Dallas, Texas 75265
"Statements made here are my personal opinions; I do NOT speak for TI"

2196. Re: Scanners Removed at RS

Newsgroup: rec.radio.scanner
Date: 1994-09-13 12:08:52 UTC
From: domonkos@access3.digex.net
Message-ID: <3544ok$ijl@news1.digex.net>
Source record: 268849

Robert Casey (wa2ise@netcom.com) wrote:
: >
: Then why did they take away the pro51's? Wern't they also made before
: the law kicked in?

Yes they were mfr'ed before the law change. My unit has a date of 12A3
on it. Strange, eh?

Andy

2197. Re: Alkaline AA Batteries and BC200?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 12:11:35 UTC
From: domonkos@access3.digex.net
Message-ID: <3544tn$ijl@news1.digex.net>
Source record: 268852

SMacken (smacken@aol.com) wrote:
: Try calling 1-800-race-fan

: The are coming out with a new pack called the XLT-AAA
: for about $33. It will hold rechargables or ni-cads.

: I dont have one but sounds great to me.

: Its worth the call.

: Tell em member 14331 sent ya.

: steve

Try using Radio Shack extra capacity batteries. I picked up a set this weekend and the extra buck was worth it. My Pro43 lasts a great deal longer with these batteries in between charges.

Andy

2198. Re: Ever seen freqs operate like this?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 12:19:10 UTC
From: mtiernan@world.std.com
Message-ID: <Cw2I7z.9GL@world.std.com>
Source record: 268853

SMacken <smacken@aol.com> wrote:
> You are hearing the middleton police frequency of 471.6125 which is their
> assigned frequency. The AM signal is du to the fact that you are way off
> the center frequency and into the signals sideband.
> Normally the radio will not respond to the sidebands because the signal
> level is so low. I assume you are in or very near the transmitter.

Well Steve, how do you define very near? I'm in Danvers when I
hear this, the next town over, inside of a very noisy building
and the transmissions I've heard are very clear. I'm a good 2-3
miles away from the edge of Middleton.
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

2199. Re: AOR and shortwave

Newsgroup: rec.radio.scanner
Date: 1994-09-13 12:38:56 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <779459936snz@javiaton.demon.co.uk>
Source record: 268864

In article <12SEP199411521706@vax2.concordia.ca>
amlper@vax2.concordia.ca "PERRELLA, ANDREA M.L." writes:

>
> I read an ad featuring the AOR1500 and the AOR AR1000 XLT
> and was rather impressed with the continuous frequency range
> from 0.5MHz to 1300MHz, which includes shortwave.
>
> Are these two scanners built to receive shortwave signals,
> even the weak ones? Or is shortwave reception weak?

Errr...mmmmm....yes/no, yes

The AR1000XLT does not have a BFO/SSB capability. It's smallest
tuning step is 5KHz. Originally the set was designed to operate
15Mhz+ but over a period of time the CPU "bottom" limit was
brought down to 500KHz but with no real consideration for the RF
sections of the radio so performance on the SW bands is not too
good at all. You will find it worls on strong AM signals but thats
about it.

The AR1500 is essentially a AR1000XLT cramed into a smaller "box"
and then fitted with a manual BFO for SSB receiption. It will
still only tune in 5KHz steps so is far from ideal for HF use. AM
performance is again pretty poor.

--
Cheers, I'll have a Taylors Landlord please.....
JC
/--\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
| Telephone: +44-1274-732146 Fax: +44-1274-722627 |
\--/

2200. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 12:50:32 UTC
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Message-ID: <1994Sep13.125032.9445@mixcom.mixcom.com>
Source record: 268860
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In <sleeCw1ovD.B2q@netcom.com> slee@netcom.com (Sherwin Lee) writes:

>I was wondering what exactly is the law regarding putting what you hear
>on your scanner in print? Say I go to school and listen to the security
>people and hear a fight breaking out. Can I actually quote what I hear
>in the school paper? Thanks?

I assume you are referring to unencrypted narrow-band FM transmissions
on VHF/UHF. In that case, there is no "reasonable expectation of
privacy" (at least there shouldn't be) for that mode of communication.

I would think you could publish what you heard. But then I'm no
lawyer (and proud not to be one ;-) .

--
/`-_ kevin.jessup@mixcom.com |
{ }/ Marquette Electronics, Inc | Time for another tea party!
\ / Milwaukee, Wisconsin, USA |
|__*| N9SQB, ARRL, Amateur Radio |

2201. (none)

Newsgroup: rec.radio.scanner
Date: 1994-09-13 13:04:06 UTC
From: Mike Chace <mikec@praxis.co.uk>
Message-ID: <24810.9409131304@leibniz.praxis.co.uk>
Source record: 268755
Cross-posted to: rec.radio.info,rec.radio.shortwave,rec.radio.scanner

From: Mike Chace <mikec@praxis.co.uk>
Date: Tue, 13 Sep 1994 07:04:06 -0600
Message-Id: <24810.9409131304@leibniz.praxis.co.uk>

Newsgroups: rec.radio.info
Path: mikec
From: mikec@praxis.co.uk (Mike Chace)
Subject: Numbers Stations -- ENIGMA 6 is out!
Message-ID: <MIKEC.94Sep13140458@cantor.praxis.co.uk>
Sender: mikec@praxis.co.uk (Mike Chace)
Organization: PraXis plc, Bath, Avon, UK
Date: Tue, 13 Sep 1994 13:04:58 GMT
Lines: 88

Achtung! Achtung!

Announcing Issue 6 of ENIGMA
============================

ENIGMA is the newsletter of the European Numbers Information Group and
Monitoring Association and is essential reading for anyone interested in
the spy numbers stations ever present on shortwave radio today. Although
European-based, we have many monitors throughout the world.

Issue 6 is packed with news and features about the numbers station scene
(both Voice and Morse) including:

* 10 pages of up-to-date station news
* Latest transmission schedules and site news
* Latest frequency information including;

Lincolnshire Poacher, Ready Ready, Nancy Adam Susan,
NNN, CIA Counting Stations, MOSSAD Phonetic Alphabet,
German Two Letter, Three Note Oddity, Swedish Rhapsody,
Bulgarian Betty and Morse Numbers Stations

* Detailed Station Features on:

- "The Russian and English Man"
- "The Phonetic Alphabet Station - EZI"
- "The Counting Stations"
- Simon Mason on "Hitches and Glitches"

* Things that go Buzz in the Night
* A Postcard from Greece
* Spying by Numbers

* ENIGMA Bookshelf reviews Ferrell's Confidential Frequency List

Issue 6 includes Part 2 of our special "Morse Supplement" which covers
those numbers stations transmitting in Morse Code rather than voice.

The ENIGMA Newsletter can be obtained from:

ENIGMA
c/o Bradford Resource Centre
31 Manor Row
Bradford
West Yorkshire
BD1 4PS
United Kingdom.

The Newsletter is available for 2 Pounds Sterling (a single copy) or for
10 Pounds Sterling (a year's subscription - 4 issues).

Numbers on the World Wide Web
++++++++++++++++++++++++++++

For those of you with access to the World Wide Web, take a look at
The Shortwave / Radio Catalog (issue #9) at URL:

http://itre.uncecs.edu/radio/

where you can find information about Numbers Stations and ENIGMA.

Don't worry if you don't have access to the World Wide Web. If you have
access to electronic mail, send a message to "listproc@www0.cern.ch" with
the word "help" in the body of the message. You will be sent a message
explaining how you can use a special server to mail you pages from the
World Wide Web via e-mail.

Sorry, but ENIGMA is not yet available in electronic form.

Ende!
Ende!

[Please note that ENIGMA has no connection with Praxis plc].

--
Mike
****

It is better to kiss an avocado than to get in a fight with an aardvark
--
Mike
****

It is better to kiss an avocado than to get in a fight with an aardvark
--
Mike
****

Snacktrek, n.: The peculiar habit, when searching for a snack, of constantly returning to the refrigerator in hopes that something new will have materialized. -- Rich Hall, "Sniglets"

2202. Pro43 modification report: done.

Newsgroup: rec.radio.scanner
Date: 1994-09-13 13:26:19 UTC
From: crumrine@crsgi1.erenj.com
Message-ID: <1994Sep13.132619.26474@erenj.com>
Source record: 268857

Ok, by the good will of a fellow net traveller, I have a diode to replace my d2. Installed last nite, and it works. I now have 800, extended low range, and my original 30-54.

Mike

2203. Re: Recently heard

Newsgroup: rec.radio.scanner
Date: 1994-09-13 13:30:13 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <3549h6$h76@thecourier.cims.nyu.edu>
Source record: 268788

In article <3535q1$p24@pipe4.pipeline.com>, tbodoh@pipeline.com (Tom Bodoh) writes:

|> Officer: Please tell animal control that there's a dead cat in the
|> 200 block of North Minnesota avenue

Heard near Rutgers New Brunswick:

Unit: New Brunswick, please have animal control come to the
area of Handy and George for a dead dog in the road. I haven't
found it yet, but I know it's around here.
NB: Where should I send them specifically?
Unit: Just tell them to follow their nose!

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

2204. Re: Scanners Removed at RS

Newsgroup: rec.radio.scanner
Date: 1994-09-13 13:50:36 UTC
From: horak@convex.com
Message-ID: <354anc$kfl@eugene.convex.com>
Source record: 268856

In <3544ok$ijl@news1.digex.net> domonkos@access3.digex.net (Andy Domonkos) writes:

>Robert Casey (wa2ise@netcom.com) wrote:
>: >
>: Then why did they take away the pro51's? Wern't they also made before
>: the law kicked in?

>Yes they were mfr'ed before the law change. My unit has a date of 12A3
>on it. Strange, eh?

Mine has an 11A3 date code! By the way, does anyone have the *HARDWARE*
mod for this unit?

David

2205. FTP site?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 14:10:15 UTC
From: glenn.champion@gtri.gatech.edu
Message-ID: <glenn.champion.36.0@gtri.gatech.edu>
Source record: 268807

Is there an FTP site with scanner mods and other scanner stuff? I have seen a reference to oak.oakland.edu, but I couldn't get in as ANONYMOUS. HELP PLEASE.

2206. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-13 14:32:12 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.95.000889AA@chevron.com>
Source record: 268783

In article <danois-120994014712@134.32.61.31> danois@montrouge.sinet.slb.com writes:

>Please note that part 91 of the FARs do not apply to airliner operations.
>They are covered under part 121.

Correction: Please note that airline operations are regulated by part 91 AND
121.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

2207. Re: Spread Spectrum

Newsgroup: rec.radio.scanner
Date: 1994-09-13 14:59:26 UTC
From: smasters@bzy.gmu.edu
Message-ID: <354eoe$3bv@portal.gmu.edu>
Source record: 268866

Tony Rusho (tonyrush@bga.com) wrote:
: While on the subject.... Am I correct in my understanding that
: the real difficulty in decoding spread spectrum digital comm lies
: in that there is no way, with present available technology, for
: a computer to "know" when it has successfully decoded the transmission.

No, when the signal is correctly despread, a large gain is seen
in the signal. With knowledge of the signal before spreading, you can
definitly design/build a detector to signal correct despreading.

73,
Shawn
KE4GHS

2208. Re: Need CB Frequencies...!

Newsgroup: rec.radio.scanner
Date: 1994-09-13 15:08:03 UTC
From: mulligan@ACM.ORG
Message-ID: <354f8j$snp@hopper.acm.org>
Source record: 268858

From the FAF - Frequently Asked Frequencies available on oak.oakland.edu:

Citizens Band

Ch	Freq	Ch	Freq	Ch	Freq	Ch	Freq
1	26.965	11	27.085	21	27.215	31	27.315
2	26.975	12	27.105	*	22	27.225	32	27.325
3	26.985	13	27.115	23	27.255	-	33	27.335
4	27.005	*	14	27.125	24	27.235	-	34	27.345
5	27.015	15	27.135	25	27.245	-	35	27.355
6	27.025	16	27.155	*	26	27.265	36	27.365
7	27.035	17	27.165	27	27.275	37	27.375
8	27.055	*	18	27.175	28	27.285	38	27.385
9	27.065	19	27.185	29	27.295	39	27.395
10	27.075	20	27.205	*	30	27.305	40	27.405

* 26.995, 27.045, 27.095, 27.145, 27.195 => Remote Control
- note break in sequence

2209. Re: Cellphone Privacy

Newsgroup: rec.radio.scanner
Date: 1994-09-13 15:23:08 UTC
From: ericr@vcd.hp.com
Message-ID: <Cw2qqK.Btz@vcd.hp.com>
Source record: 268859

That is why you use some form of public key encryption. Each phone
has both a public and private key. Everyone knows the public key but only
the receiver knows the private key. Encrypt the message with the public
key and you have a secure message without having to exchange a sensitive
key. The receiver then decrypts the message with the private key.
Get the RSA FAQ from sci.crypt or alt.security.pgp for more info.

--
Eric Ross, WB7SDE | Hewlett-Packard Company, VPR
ericr@vcd.hp.com | Vancouver, WA, USA

2210. Re: Cellphone Privacy

Newsgroup: rec.radio.scanner
Date: 1994-09-13 16:12:02 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.285.03F9541C@CCCS.UMN.EDU>
Source record: 268870

In article <353jq0$3m8@wraith.cs.uow.edu.au> u9340203@wraith.cs.uow.edu.au (Rick Raymon Loebler) writes:
>As for Encryption, it is more trouble than its worth. In order for
>encryption do be effective the key (code) must be secret. How do you
>have a secret key and still maintain the ability to dial whoever
>you like. Encryption is Fine as long as you only want to talk to
>a limited number of people with whom you share your key.

You don't need encryption to the people you call -- only to the cell node.
Consider the following scheme:

1. My phone comes on line and contacts the closest cell node with my ESN.
2. Local cell looks up the public key corresponding to my ESN.
3. Local cell picks a random session key and sends it to me encrypted
with my public key.
4. I decrypt the session key with my private key and send back some
form of encrypted acknowledgement.

This keeps the radio link secure without requiring any extra hardware for the folks I'm calling. Using a public key system also allows the CelTel company to build in a secure challenge protocol so that my phone cannot be cloned without physical access to the phone.

--rick

+---+
| Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
| Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |
| Cancer Screening Trial voice: (612) 627-4151 |
| University of Minnesota fax: (612) 627-4158 |
| 212 Ontario St SE, Suite 202 |
| Minneapolis, MN 55414 |
+---+

2211. Re: Need CB Frequencies...!

Newsgroup: rec.radio.scanner
Date: 1994-09-13 16:39:47 UTC
From: Bill McCall <70003.4300@CompuServe.COM>
Message-ID: <354kkj$3m4$1@mhade.inhouse.compuserve.com>
Source record: 268861

" * 26.995, 27.045, 27.095, 27.145, 27.195 => Remote Control
- note break in sequence"

I think there is an error here with channel CB ch23 as you
posted. I've been out of CB for awhile but I'll check with the
listing in BEYOND POLICE CALL. The reason I think there is an
error is that there are 6 channels on the 27 mhz band for RC use.
As a race administrator I enter them into the computer thousands
of times. The frequencies you listed above are correct and are
referred in RC as 1 through 5. Channel 6 is 27.255 which the
chart you posted has for 23. I don't think they are used for
both purposes. I know I haven't had any problems using 27.255.

Bill McCall
Competition Plus Magazine

--
Clowns to the left of me, Jokers to the right, here I am stuck in
the Internet with you!

2212. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-13 17:28:35 UTC
From: peter@Thoth.usa.3Com.com
Message-ID: <3101@bridge2.NSD.3Com.COM>
Source record: 268781

In article 21@pfzrfsg.com, sysop@pfzrfsg.com (System Supervisor) writes:
>
>One argument I have heard is that the airplane's equipment is specifically
>designed and certified not to interfere with other electronic devices in the
>plane. This argument holds little water as it is inconceivable that the tiny
>emission from the scanner's 10.7MHz mixer could find its way to any onboard
>avionics with sufficient energy to cause interference.

From personal experience, I know that scanners _can_ radiate quite a bit.
This will happen when the antenna goes directly into the first mixer and
the LO injection level is fairly high. Leakage between the LO and input ports
(usually two gates of a MOSFET) causes a portion of the LO signal to travel back
up the antenna and out into space. This signal will be offset from the
frequency the scanner is tuned to by an amount equal to the first IF frequency.

While monitoring my local ham repeater on 145.27, I sometimes hear a periodic
pulsing sound. After travelling through the areas where it occurs, I can almost
always spot a house with an exterior scanner antenna or a police or fire
station nearby. Even the police cruisers cause this effect. It's detectable
with no trouble for a hundred yards or so from the antenna.

--
Peter Simpson, KA1AXY Peter_Simpson@3com.com
3Com Corporation (508) 836-1719 voice
Northborough, MA 01532 (508) 393-6934 fax

I speak only for myself, 3Com doesn't pay me to speak for them, so I don't.

2213. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 17:34:20 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Sep13.173420.20793@rsd.dl.nec.com>
Source record: 268784

In article <353e3a$f30@search01.news.aol.com>, scan911@aol.com (SCAN911) writes:

|> I am a former news editor (and reporter) and I never let a reporter quote
|> over-the-air
|> traffic. They had to get information from the emergency services before
|> we could publish anything.

GASP! A reporter with ethics? Well you must have been drumed out of the
business :-)

dave

==
Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. or : mandr@ix.netcom.com
CIS: 76672,2455

In the absence of leadership, we have decided to follow ourselves.

2214. Re: Need CB Frequencies...!

Newsgroup: rec.radio.scanner
Date: 1994-09-13 17:51:06 UTC
From: domonkos@access3.digex.net
Message-ID: <354oqa$mtm@news1.digex.net>
Source record: 268867

Bill McCall (70003.4300@CompuServe.COM) wrote:
: " * 26.995, 27.045, 27.095, 27.145, 27.195 => Remote Control
: - note break in sequence"

: I think there is an error here with channel CB ch23 as you
: posted. I've been out of CB for awhile but I'll check with the
: listing in BEYOND POLICE CALL. The reason I think there is an
: error is that there are 6 channels on the 27 mhz band for RC use.
: As a race administrator I enter them into the computer thousands
: of times. The frequencies you listed above are correct and are
: referred in RC as 1 through 5. Channel 6 is 27.255 which the
: chart you posted has for 23. I don't think they are used for
: both purposes. I know I haven't had any problems using 27.255.

: Bill McCall
: Competition Plus Magazine

: --
: Clowns to the left of me, Jokers to the right, here I am stuck in
: the Internet with you!

Besides RC you'll often find 'free banders' there.

Andy

2215. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 17:53:27 UTC
From: domonkos@access3.digex.net
Message-ID: <354oun$mtm@news1.digex.net>
Source record: 268868
Cross-posted to: rec.radio.scanner,alt.radio.scanner

kevin jessup (kevin.jessup@mixcom.mixcom.com) wrote:
: In <sleeCw1ovD.B2q@netcom.com> slee@netcom.com (Sherwin Lee) writes:

: >I was wondering what exactly is the law regarding putting what you hear
: >on your scanner in print? Say I go to school and listen to the security
: >people and hear a fight breaking out. Can I actually quote what I hear
: >in the school paper? Thanks?

: I assume you are referring to unencrypted narrow-band FM transmissions
: on VHF/UHF. In that case, there is no "reasonable expectation of
: privacy" (at least there shouldn't be) for that mode of communication.

: I would think you could publish what you heard. But then I'm no
: lawyer (and proud not to be one ;-) .

: --
: /`-_ kevin.jessup@mixcom.com |

I often hear the local news dispatchers radio to their field reporters
what they intercepted on their scanners...

Andy

2216. Re: AOR and shortwave

Newsgroup: rec.radio.scanner
Date: 1994-09-13 17:58:40 UTC
From: domonkos@access3.digex.net
Message-ID: <354p8g$mtm@news1.digex.net>
Source record: 268869

Jonathan Clough (Clough@javiaton.demon.co.uk) wrote:

....

: The AR1500 is essentially a AR1000XLT cramed into a smaller "box"
: and then fitted with a manual BFO for SSB receiption. It will
: still only tune in 5KHz steps so is far from ideal for HF use. AM
: performance is again pretty poor.

: --
: Cheers, I'll have a Taylors Landlord please.....
: JC

I assume if you wanted to use your multiband vertical antenna you'd have
to add a 30 foot long vertical element for the shortwave bands ;)

2217. Re: Ever seen freqs operate like this?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 18:04:03 UTC
From: smacken@aol.com
Message-ID: <354pij$p56@search01.news.aol.com>
Source record: 268874

I'll check and see if i can find out where the repeater site is for middleton.

I am however not at all supprised to hear your description of hearing the am component of this fm signal when that far from the center frequency.

Don't be alarmed by it.

There is nothing wrong with your scanner...
... we control the dynamic range
... we control the adjacent channel rejection..

bzzzz

see ya

steve

2218. >DTMF decoder. You can make one in Qbasic that comes with DOS.

Newsgroup: rec.radio.scanner
Date: 1994-09-13 18:04:51 UTC
From: russek@netcom.com
Message-ID: <russekCw2y84.C05@netcom.com>
Source record: 268872

I recently downloaded a really small really simple program that lets you
access the soundblaster from Qbasic V1.0
It is beyond easy to make a frequency counter out of it, and thats all you
need to decode DTMS signals. Also, if you don't have a soundblaster, you can
make a really simple amplifier that brings the audio up to 3 volts, then put it
directly into your parallel port. Using the "inp" function access the parallel
port(I think it's 3BC or 988 decimal) and use that as a frequency counter.
I have used it to record and sample infared signals, audio wouldn't be hard.
If ya need help E-mail me and I'll send the code to you.

- Cory -

2219. Reno NV air race freqs ?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 18:19:03 UTC
From: dcourtney@msmail4.hac.com
Message-ID: <dcourtney-030587113334@fp250-wd-14.hrl.hac.com>
Source record: 268786

I sure would like 'em, if'in you got 'em

DCourtney _______o&o>_________

2220. Need SouthWest Virginia Freqs...

Newsgroup: rec.radio.scanner
Date: 1994-09-13 18:29:50 UTC
From: gregabel@vt.edu
Message-ID: <gregabel.125.00127FDF@vt.edu>
Source record: 268790

If anyone can supply me with the following freqs for the Blacksburg (Yes, Virginia Tech area...) Virginia area, I would greatly appreciate it. :)

Blacksburg Cable
Norfolk-Southern Railroad
Roanoke Airport approach/tower
Montgomery Co. Sheriff
APCO Electric Co.
Bell Atlantic Repair

and maybe:
The freqs for the Tech Football games.. hehe...

Also, does anyone else in the world own a Regency z60?

Thanks Much,

Greg

2221. Re: Alkaline AA Batteries and BC200?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 18:50:24 UTC
From: ashabana@agsm.ucla.edu
Message-ID: <354s9g$jo4@news.mic.ucla.edu>
Source record: 268873

smacken@aol.com (SMacken) writes:

>Try calling 1-800-race-fan

>The are coming out with a new pack called the XLT-AAA
>for about $33. It will hold rechargables or ni-cads.

>I dont have one but sounds great to me.

>Its worth the call.

>Tell em member 14331 sent ya.

>steve
Thanks for the info Steve. They are still not out yet with this case.
They expect to have in a couple of weeks though. I'll have to wait...

Thanks again.

Ahmed

--

Ahmed A. Shabana |
Anderson Graduate School of Mgmt.|
U.C.L.A. |

2222. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-13 19:13:53 UTC
From: reece@eco.twg.com
Message-ID: <354tlh$58l@scoop.eco.twg.com>
Source record: 268779

In article <danois-120994014712@134.32.61.31>, danois@montrouge.sinet.slb.com () writes:
|>Please note that part 91 of the FARs do not apply to airliner operations.
|>They are covered under part 121.

Please note that you are wrong. Part 91 DOES apply to airline operations.
Part 121 ALSO applies to airline operations.

2223. Re: Need CB Frequencies...!

Newsgroup: rec.radio.scanner
Date: 1994-09-13 19:16:46 UTC
From: mulligan@ACM.ORG
Message-ID: <354tqu$ng@hopper.acm.org>
Source record: 268778

Bill McCall <70003.4300@CompuServe.COM> wrote:

> Channel 6 is 27.255 which the chart you posted has for 23.
> I don't think they are used for both purposes.

27.255 MHz is allocated for both R/C and Class D use. R/C Rule 7 states
"You must share the Channel 27.255 MHz with stations in other radio services"
[47 CFR 95.207 (b)].

BTW, in the followup from domonkos@access3.digex.net (Andy Domonkos), note
the juxtaposition of:

AD> Besides RC you'll often find 'free banders' there.
BM> Clowns to the left of me, Jokers to the right ...

<grin> /* barry /&

2224. Re: Scrambling Cordless Signal?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 19:33:01 UTC
From: roscobind@aol.com
Message-ID: <354upd$qp2@search01.news.aol.com>
Source record: 268780

In article <34vuqs$euc@search01.news.aol.com>, shawn4sk1@aol.com (Shawn4sk1) writes:

I know nothing about them other than I have a neighbor in the area that has one. Reason I know is cause it's a scrambled signal. Almost understandable but not quite. The newest breed of cordless phones have an option for scrambling in them. <Shoot> <Snicker>

Rosco

2225. Advice needed!

Newsgroup: rec.radio.scanner
Date: 1994-09-13 19:42:17 UTC
From: dusty@svpal.org
Message-ID: <354vap$9kk@svpal.svpal.org>
Source record: 268795

I'm getting ready to buy a new base scanner. I seriously thinking about the new Pro-2036 with a list price of $319.00. I know it's not modifiable but that's not real important to me because my Pro-46 gets everything I need ;-) I'm wondering though, the 2036 uses double conversion technology, would I do better getting something with triple conversion? Should I pay list? I'm also told that there still might be some 2006's avaiable out there? Any better equipment for the price? Any and all comments welcome and encouraged!!!!Please!!!!!
I'm buying this weekend <fingers crossed>
Dusty

2226. Re: Triggerfish Better than Scanners

Newsgroup: rec.radio.scanner
Date: 1994-09-13 19:51:22 UTC
From: glr@ripco.com
Message-ID: <Cw335n.1DC@rci.ripco.com>
Source record: 268782

WalterS925 (walters925@aol.com) wrote:
: In article <feustelCvAMG2.5CK@netcom.com>, feustel@netcom.com (David
: Feustel) writes:

: tell me more

HARRIS

May 26, 1993

Mr. Glen L. Roberts Editor/Publisher Full Disclosure Box 903 - FD24
Libertyville, Illinois 60048

Dear Mr. Roberts:

Your issue No. 24 of Full Disclosure has been brought to my attention because of an apparently unauthorized advertisement on page 8 for a Harris law enforcement product referred to as "Triggerfish." It is my understanding that the publication of this advertisement was not previously requested nor authorized by Harris. The unapproved use of this advertisement constitutes a deceptive trade practice, which would potentially subject you and your newspaper to civil liability. Further, you have used our trademarks -- Harris and Triggerfish -- without permission.

Lastly, you may have committed a felony under 18 USC 2512(1)(c)(i). This criminal statute prohibits the placement in a newspaper or magazine of an advertisement for an electronic product that is primarily useful for the purpose of surreptitiously intercepting electronic communications. Further, these actions on your part may have also subjected Harris Corporation to such liability under this statute.

You are hereby instructed to immediately desist from placing advertisements or promotional material related to Harris electronic law enforcement products in your newspaper. Any further actions of this nature will be dealt with by filing a suit against you and your newspaper.

Sincerely, /s/ John L. DeAngelis, Intellectual Property and Licensing Counsel.

JLD/bea

Harris Corporation Electronic Systems Section P.O. Box 37, Melbourne, Florida 32902 Telephone 407-727-4000

Drath & Dwyer - Lawyers - 400 South Beverly Drive * Suite 214 Beverly Hills, California 90212-4402

Tel: (310) 364-3444 * Fax: (310) 858-7458

Tuesday, June 1, 1993

John L. DeAngelis Jr., Esq. Harris Corp. P.O. Box 37 Melbourne, FL 32902

Dear Mr. DeAndelis:

I write on behalf of Glen L. Roberts, the editor and publisher of the magazine, Full Disclosure, in reply to your May 26 letter addressed to him. In addition to advising Mr. Roberts, I serve as privacy law columnist for his publication and co-host with him of "Full Disclosure Live," a one-hour live radio program carried across the country on the Let's Talk Radio Network.

It is shocking sophistry on your part to have characterized Full Disclosure's editorial expression about the product, "Triggerfish," as an "advertisement" Of course, I recognize your procrustean need to do that, because "advertisement," is the operative word of the criminal statute you cite.

Had you taken time to research even a few of the many cases in which "advertisement" not only has been defined as the space one associated with a product purchases from a publisher, but as well distinguished from editorial expression or news reporting by such a publisher or his or her subaltern, for example, an editor, you might have saved your company the embarrassment that well may flow from your misguided missive. Cary Grant couldn't make an Esquire magazine news article, which used a photograph of his head, into an advertisement in the Southern District of New York 20 years ago; I doubt you'll have any greater success today, venue notwithstanding.

Respecting your assertion of trademark use without permission, we are unable to locate any authority, statutory or decisional, that even suggests that editorial mention of a product or service, which enjoys registered or common law trade or service mark protection, obliges the publisher to include an indication of such status or forbids such publication "without permission." Perhaps, given your stated role as intellectual property counsel, you can afford us the benefit of your expertise in this realm.

What I find most troubling about your letter is your apparent indifference to First Amendment law. A careful reading of the 1968 legislative history of 18 USC 2512 acquaints one with the fact that Congress did not seek to abridge free press rights in proscribing the advertising of "bugging" devices.

Indeed, the intention was to "strik[e] at all aspects of the problem" of invasion of privacy, because "[a]ll too often ... [it] ... will go unknown." It continues to be Mr. Robert's persistent and pervasive theme that for our democratic society to defeat the depredations of privacy-invasive devices, it must know that they exist and how they work.

Hence, attempts like yours to chill or impair free exercise of expression in the arena of such public affairs can only be viewed as inimical to the legislative underpinnings of the statute involved. You use of it is akin to the drunkard's fondness for the lamppost: more for support than illumination. Really, sir, for a lawyer to tell a reporter that there's potential criminality involved in writing about a product in the marketplace should make you tremble to know that God is just.

The First Amendment, you seem to require reminding, is an absolute bar to the imposition of such government restraints of the press as you erroneously

think your cited statute imports. The press must be free to publish news, whatever the source, without censorship. Guarding little secrets, like the existence of your "Triggerfish," at the expense of an informed representative government is about as tawdry a legal proposition as I can imagine.

Let me add that your menacing Full Disclosure's editor with the prospect of criminal charges, in our opinion, implicates issues of professional responsibility. When lawyers in jurisdictions with which I am familiar try that technique to obtain an advantage in a civil dispute, they are subject to discipline. Is there no such sanction for Pennsylvania practitioners?

I invite your reply on the points raised, including your proposal as to how we might avoid formal proceedings to right the wrong you have done Full Disclosure. Failing your willingness to apologize or submit this matter to an alternative dispute resolution mechanism for a declaration of rights, I shall advise Full Disclosure to proceed with an action under 28 USC 2201 as a possible predicate to seeking further relief.

As a matter of professional courtesy, I wish to inform you that the Harris Corp. officers and directors shown as recipients of copies of this letter and its enclosure are not being sent a copy of your letter to Mr. Roberts; it, I believe, more appropriately should reach them from you. For your further information, the two other copy recipients in addition to Mr. Roberts, namely, Messrs.. Ward and Rudnick, are, respectively, our intellectual property adviser and our litigation counsel. You doubtless know Mr. Ward from his prominence at the trademark bar. Mr. Rudnick, who would handle a Rule 57 matter, if such proves necessary, is a former federal prosecutor with the Los Angeles Strike Force.

Sincerely, /s/ Will Dwyer II

Enclosure

Copies: Richard L. Ballantyne, Esq., Mr. John T. Hartley, Mr. Joseph Boyd, Mr. Lester Coleman, Mr. Ralph D. Denunzio, Mr. C. Jackson Grayson, Jr., Mr. George I. Meisel, Mr. Walter Raab, Mr. Robert Cizik. Mr. Joseph Dionne, Mr. Alexander Trowbrige, Mr. Allan J. Huber, Mr. Glen L. Roberts, Marvin L. Rudnick, Esq., Thomas J. Ward, Esq.

****
This text is from Full Disclosure Magazine. Editor: Glen L. Roberts,
Box 734, Antioch, Il 60002. Call the Surveillance Hotline: (708) 356-9646
****
--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
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2227. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 20:19:13 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <3551g1$n06@thecourier.cims.nyu.edu>
Source record: 268802
Cross-posted to: rec.radio.scanner,alt.radio.scanner

There is a specific federal law that transmissions heard
over the airwaves not intended for the general public are
not to be shared by persons intercepting them.

If this were a case of selective enforcement, I could see
idle chatter not being a problem, but putting the content
in print is a different story I'm sure. Of course, high
school newspapers don't have any pecuniary interests resulting
from distribution, right?

I'd say, print it.
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

2228. Re: >DTMF decoder. You can make one in Qbasic that comes with DOS.

Newsgroup: rec.radio.scanner
Date: 1994-09-13 20:22:54 UTC
From: jmccarty@spd.dsccc.com
Message-ID: <3551mu$b97@sun001.dsccc.com>
Source record: 268787

In article <russekCw2y84.C05@netcom.com>,
Cory Russek <russek@netcom.com> wrote:
)I recently downloaded a really small really simple program that lets you
)access the soundblaster from Qbasic V1.0
)It is beyond easy to make a frequency counter out of it, and thats all you
)need to decode DTMS signals. Also, if you don't have a soundblaster, you can
)make a really simple amplifier that brings the audio up to 3 volts, then put it
)directly into your parallel port. Using the "inp" function access the parallel
)port(I think it's 3BC or 988 decimal) and use that as a frequency counter.
)I have used it to record and sample infared signals, audio wouldn't be hard.
)If ya need help E-mail me and I'll send the code to you.
)
) - Cory -
)

Huh? I thought DTMF stood for Dual Tone Multi-Frequency. How does one
use a frequency counter to decode MULTI frequency signals?

I am definitely interested. I have often wanted to decode DTMF from my
scanner. But I am a little skeptical about this method.

Mike

```
char *p="char *p=%c%s%c;main(){printf(p,34,p,34);}";main(){printf(p,34,p,34);}
```

2229. BC200XLT died :(Please Help

Newsgroup: rec.radio.scanner
Date: 1994-09-13 20:24:19 UTC
From: todd@shell.portal.com
Message-ID: <3551pj$6h1@news1.shell>
Source record: 268785

I recently turned on my 200XLT after a while on inactivity and was confronted with a brief flash of the display, where I noted the low battery icon was on. Then the scanner went dead. No problem I said to myself, just plug it in to recharge. Well, since that time, the scanner has not returned to normal, even with the battery pack fully charged.

It now turns on and start scanning, but several thing are not working. The backlight does not function at all, no sound comes from the speaker (no click when it is turned on or even the normal background hiss, squelched or not). Even though it is "scanning" the receiver is completely dead (won't stop on a known busy channel) and opening up the squelch also does not stop scanning.

I can enter frequencies which are retained, press the weather scan (which does scan the correct set of channels for NOAA weather but doesn't "hear" them) and use the channel/bank lockout function. Pressing "manual" also works proplerly, with the "dead" receiver still a problem though.

It sounds like the processor got into a "funny" state, since some front panel features work and others do not. I tried the 2,9, MANUAL trick which loaded the test frequencies into memory, but it didn't clear any of the problems. Does this sequence actually reset the processor?? Is there some other reset mechanism I can try?

The only mods done are the cellular mod, which was performed at least 3 years ago. The low battery mod has not been done. Any help would be appreciated.

Todd Barth N6NFG
(408) 945-8600 x2115
toddvb@eng.adaptec.com

2230. Re: Recently heard

Newsgroup: rec.radio.scanner
Date: 1994-09-13 20:39:18 UTC
From: gbelton@cris.com
Message-ID: <WDWTkaste6MN065yn@cris.com>
Source record: 268777

In article <3535q1$p24@pipe4.pipeline.com>, Tom Bodoh wrote:
> Recently heard on my scanner;

Heard this one a couple of days ago:

Dispatch: "203, take a 21 of a 103M at XXXX XXXXXXXX road." (A report of a mentally disturbed person at [address deleted]). Channel 5 for more details."

[click click]

Deputy: "203. What's up?"

Dispatch: "Ms. Blank has called 911 repeatedly saying that she wanted to see a deputy. She wouldn't say what the call was about. When we pressed her, she said that she was masturbating and wanted a deputy." (At this point, you can hear the dispatcher sort of chuckle and several others laughing hysterically in the background.)

Deputy: "Call the ambulance service and have them send someone there. Call me when they are 10-97. I'm not going in there by myself."

2231. signal fm reciever wanted $$$

Newsgroup: rec.radio.scanner
Date: 1994-09-13 20:45:14 UTC
From: rkozz@zeus.IntNet.net
Message-ID: <35530q$bon@zeus.IntNet.net>
Source record: 268775

```
send email on model
s/b signal enhanced fm reciever
```

2232. Need help with frequency steps?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 21:06:56 UTC
From: habu@gate.net
Message-ID: <35549g$17cj@tequesta.gate.net>
Source record: 268776

Can anyone tell me what frequency steps belong with what bands?
225-400 .5 .10 .12.5 .20 .50?
150-174
851-861
420-450
450-470
30-50

Is there a general rule on how to know what step size to use when searching?

Thanks

Thanks Mike

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

2233. Re: Anything better than "Police Call"?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 21:44:27 UTC
From: st891591@pip.cc.brandeis.edu
Message-ID: <3556fr$6ba@news.cs.brandeis.edu>
Source record: 268789

I've posted a few times on this and I'll do it again. By far, the best books on the market (if you are lucky enough to be in an area that they cover) are the Scanner Master series. Each municipality is highlighted with general information and points out key frequencies in addition to the frequency sorts. This is a must have! The series is published by Scanner Master of Natick, MA and distributed by You-Do-It Electronics of Needham, MA (shich I believe has an 800 number). The Mass. book retails at $29.95; I bought it at You-Do-It with an additional 20% discount. Believe me, the time you will save is well worth the few extra bucks. I think they have books for NY Metro area, DC, and a few others. Take the time to check it out!
- Ish Tam, EMT BS"D

2234. Re: Anything better than "Police Call"?

Newsgroup: rec.radio.scanner
Date: 1994-09-13 22:12:23 UTC
From: n6mmm@n6mmm-mac.ccmail.com
Message-ID: <1994Sep13.221223.26226@ccmail.com>
Source record: 268806

In article <7723MLVFASKONHEUWG@inferno.com>
vector@inferno.com writes:

> the
> statewide version hasn't been updated since 1990, but is still quite
> complete, while the bay area version (san francisco bay area), was
> recently updated in 1993, and is quite accurate.

And now updated for '94. Bought the '94 update from the
author/publisher himself at the last Foothill swap meet....

Gary

2235. Pro 39 and 43

Newsgroup: rec.radio.scanner
Date: 1994-09-13 22:20:04 UTC
From: arctic@access3.digex.net
Message-ID: <arctic.779494441@access3>
Source record: 268791

Just went in and purchased a pro 39 - it's on sale for $219. I almost had the saleman conned into giving me a pro 43, but the new manager checked, and his cost is $246 :)! (that ought to give us some idea of how to dicker!).

The manager and I bs'd for a while, and he told me about several new models that he had to pull. Some ECPA problem, and if ANYONE sold one they were fired.

The old ones are still available. Plenty of 43's and 39's. Quick questions for everbody:

-Is the 43 worth the extra $80, or is the 39 a good deal? The case and buttons, and connectors line up perfectly, and the specs are very close. Methinks they may be the same rig.

-This one doesn't have an "A" on the serial number. When I restore the 800-900 Mhz bands, do I also get 30Khz steps (like on my 2005?).

-How much should I ask for my R7000?
Now, if only it did WFM (like the '2005), I'd be able to listen to Gordon Liddy and crew too!

Thanks, Rick WB9TSO.

2236. SOLAR Charger

Newsgroup: rec.radio.scanner
Date: 1994-09-13 22:25:02 UTC
From: jeffpmil@aol.com
Message-ID: <3558ru$mc@search01.news.aol.com>
Source record: 268792

Any god source of solar battery charger? I have four AA's and would like to be able to recharge them via the sun.

Suggestions?

Be seeing you,
No. 6

2237. Need to modify a BC2500XLT for cell

Newsgroup: rec.radio.scanner
Date: 1994-09-13 23:04:47 UTC
From: pleet@cisco.com
Message-ID: <355b6f$3ku@cronkite.cisco.com>
Source record: 268793

I just purchased a BC2500xlt and I am looking to find out how
to modify it for cell reception.

I tried to ftp to ftp.video.net but the connection does not seem to
work. We only use passive ftp here and that might be the problem.

Can someone point me to where I can find the docs?

Thanks

pleet

2238. Re: cell phone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-09-13 23:18:24 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.97.00114F04@chevron.com>
Source record: 268798

In article <Cvz7ot.1Ks@metronet.com> copeland@metronet.com (Charles Copeland) writes:

>Due to the vast number of analog cell phones out there already, it will
>take at least 5 years before any significant turn over to digital phones
>occur, even if they were available everywhere right now.

>One testiment to slowness of change: there are still cell phones out
>there on the old outdated freqs being supported (~153mhz and others).

One of the slow downs in the deployment of digital cell phone technology is the type of digital service that is offered. The digital service being offered today is TDMA technology. There are a couple of carriers (one being a major player - GTE Mobilnet) that are not offering digital just yet because they are going to deploy CDMA - and it's not quite ready.

Analog cellular (AMPS) will be around for long time. Primarily because this is the system that phones will revert to if they are incompatable or or unable to operate with a digital system they are using. This is mainly a roaming issue.

As far as outdated freqs go... Mobile phones in the 155 MHz area are not cellular. They are convential full duplex two ways. Usually refered to as MTS or IMTS. These systems are still in use by people that need phone service where cellular is not availble. I have installed (though it's been a few years) Motorola convertable phones that support IMTS and cellular. These phones consisted of two separate transcievers in the trunk - one for IMTS and one for cellular. One handset at the front seat controlled both phone systems.

Right now digital cellular is joke. I think in the bay area there are five digital cell sites on the C-One system (out of a couple of hundred). Yet they advertise a superior digital network (someone from C-One can correct me if I am wrong). Until they get A LOT more signal density in this area it's not going to work very well. (One advantage of CDMA is graceful degradation rather than just getting dropped when signal strength changes). right now it doesn't sound that great. and you have to force it to analog to use modems or fax.

So don't look for digital cellular to make your scanner obsolete tomorrow - though it may be illegal today (ha ha). Before the carriers can get the users "heads out of the sand" and sell them something more secure they have to finish building their new "sand box".

While I don't find cellular monitoring very exciting I know some do. And I support the idea that you should be able to listen to clear text radio traffic for "recreational" purposes if that floats your boat. Encrypted traffic is another story - "keys" are private in my opinion. But for now please carry on and have fun.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

2239. Re: Cellphone to scanner!

Newsgroup: rec.radio.scanner
Date: 1994-09-13 23:51:54 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.98.0011DDFF@chevron.com>
Source record: 268801

In article <1994Sep10.023510.6274@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:

>And, an unencoded signal that is broadcast is not meant to be received
>by many? Look up the definition of "broadcast" in a dictionary. If your
>signal was meant for one other receiver, then that receiver would be the
>only one that could receive the signal in the clear. The US Supreme
>Court made this rather clear with wireless phones - which have a much
>shorter range than cellular sets. Just because the cellular industry
>bought congress does not change this fact.

>Force the industry to encrypt the signals, and I will support your right
>to privacy. Until then, you might as well be using megaphones to talk to
>the neighbor across the street.

You are correct in referring to the definition of "broadcast" when it comes to radio. However "broadcast" isn't the term we should use in this discussion. A broadcast is intended to be received by many. But when you talk about two way, point to point communications it is a different story. However that doesn't mean that cellular phone users should expect the same level of privacy with today's cellular technology that they have have their home phone.

Amateurs get an earful on "broadcasting". With just a couple of limited exceptions, broadcasting is prohibited in the Amateur radio service. In these cases it is usually defined as one way transmissions intended for reception by the general public.

Previous laws regarding "eavesdropping" were sufficiant. It was unlawful to disclose or use any information overheard in a radio communication in which you were not participating. Fair enough. This concept goes back to the telecommunications act of 1934. That worked fine until the cellular companies marketed their service as a "just like your regular phone" service and people fell for it. But I won't bad mouth cellular altogether - I have a cellular phone that I find to be a very useful business tool.

I have a good friend that is a engineer with a cellular carrier. He said once that he support the current monitoring prohibitions. "If we are regulated like a regular phone company, we should have the same expectation of customer privacy as regular phone company," was his opinion. My response was that they are regulated as a radio common carrier not a regular phone company - at least on the radio side. Now in California cellular service is also "degraded" by the state PUC which makes them a tarrifed utility. But it's a radio service and it's the responsibilty of the users to provide security of their communcations if the common sense rules are not satifactory. Encrypt your traffic. I support the use of private "keys" and laws forbiding unauthorized possession of keys or wrongful monitoring of encrpypted traffic.

But the radio spectrum is "public domain" in my opinion and our lawmakers were wrong in trying to lock the public out of any of it. - It didn't work anyway.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

2240. The bug bit me

Newsgroup: rec.radio.scanner
Date: 1994-09-14 00:17:57 UTC
From: allen@tricetv.ColumbiaSC.NCR.COM
Message-ID: <Cw3FHx.MKG@ncrcae.ColumbiaSC.NCR.COM>
Source record: 268583

Hi all! I'm new to the net and to scanning. My son has a Uniden 10 channel scanner he got as a gift a couple of years ago. I found it in the bottom of his closet about a month ago and started playing with it. I started reading this newsgroup around the same time. The bug bit me and I got my PRO2006 last Saturday. All I can say is WOW!! If you are debating about getting a 2006 then I say just get it. You won't be disappointed.`

Now a couple of questions. What are some Shuttle freqs I can pick up in Columbia, SC. I tried the ones posted a few days ago and got zip. Also, what's a good range to search for military air. There is an AF, Air NG, and and Army base within 30 miles of my house. I got the RS discone antenna when I got my 2006, so I should be able to pick these up. Everything else is loud and clear!

Thanks. Please post or E-mail.

P.S. My wife loves the cordless freqs. Kept me out of the doghouse when she asked how much my new toy cost.

2241. mods please

Newsgroup: rec.radio.scanner
Date: 1994-09-14 00:43:07 UTC
From: vyankey@news.delphi.com
Message-ID: <355gur$ah5@news.delphi.com>
Source record: 268797

I am looking for mods to the Uniden Bearcat Sportcat model #sc150b.

Vince Yankey
N7YVL
vyankey@delphi.com
vince yankey@1/303:3

2242. Re: cell phone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-09-14 00:58:39 UTC
From: g9153402@huey.csun.edu
Message-ID: <355hrv$e1p@nic-nac.CSU.net>
Source record: 268799

Curtis Wheeler (cgwh@chevron.com) wrote:

Analog cellular (AMPS) will be around for long time. Primarily because this
>is the system that phones will revert to if they are incompatable or or unable
>to operate with a digital system they are using. This is mainly a roaming
>issue.

Heard today that even though L.A. Cellular offers digital in Southern
California, that Air Touch Cellular probably won't be offering it
until next Spring...

2243. Re: faster 2006 scanning?

Newsgroup: rec.radio.scanner
Date: 1994-09-14 01:20:45 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-130994165418@macg128.esl.com>
Source record: 268803

In article <34olpm$84s@ixnews1.ix.netcom.com>, DPalmer@ix.netcom.com (David Palmer) wrote:

> In <34n3f8$t47@search01.news.aol.com> shawn4sk1@aol.com (Shawn4sk1) writes:
>
> >
> >I did do the mod and I'm very happy with it- I would have no idea how
> >anyone without proper equiptment and a lot of free time because they don't
> >have a job could figure the percentage of speed increase- I've heard 16%,
> >20%, 25%, etc... All I know (the "good" side! :-) is that it does scan
> >so quickly, the last few digits aren't even readable anymore- I'd
> >recommend it to anyone who hasn't done it yet.
> >
> >Also, one guy wrote and said he replaced his clock crystal with a faster
> >one and improved CPU speed by a third, I believe he said, to make it even
> >that much faster- that's my next "Let's VOID the warranty" project. :-)
> >
> >soliver@ozarks.sgcl.lib.mo.us
> >
> >(formerly Shawn4SK1@aol.ocm)
> >
>
> How's the DELAY rate? I thought that it would decrease the delay time,
> so I have not had the guts to try it.
> ------------------

I've done both of these mods to my 2005 that I turned into a 2006. Clipping the diode next to the cell mod diode, speeds up the scan rate 15.4% from 26 to 30 channels/sec. There are NO side affects to this speed-up.

By replacing the CPUs 12MHz crystal that comes with a 2006 with a 16MHz crystal, you can speed up the scan rate by 33% from 30 to 40 Chan/sec. There are many side affects to this mod however. The delay time is shortened by 33% to 1.32 Sec. The spurs (birdies) caused by the CPU clock all move higher in freq and a few new ones appear. I have had no problems with spurs causing problems with the normal scanning that I do, but YMMV.

As far as capturing signals, the VCO in the 2006 is plenty fast enough to settle at the new freq and detect signals in the time remaining. When compared to my un-modified 2006 while connected to the same antenna thru a signal splitter, they were identical except on VERY weak signals. Where either radio would occaisonally miss a signal that the other caught.

I determined that the dwell time per channel was so short, that if, at the instant the radio sampled the signal, it was faded out, the radio would not

detect the signal and scan right past it. If this is a concern and you are

scanning for weak signals, then you should scan at the slow scan speed to
increase the probabilty of intercepting the signal on the first sweep.
If you are sweeping a narrow range when it only takes seconds (ie. <1 Min)
to complete a sweep then you should allow the radio to re-visit the freq
more often by scanning at the faster rate. This is why there are two scan
rates on the radio. With scanning receivers there is a trade off between
re-visit rate and dwell time on each freq that must be considered.

Good scannin' to ya.
MAD

The opinions expressed here are | Covering 100KHz to 2GHz contiguous.
my own, but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

2244. BC 2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-09-14 02:17:48 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779504727@f747.n115.z1>
Source record: 268737

-=> Quoting Don Droszcz to All <=-

DD> Are there any mods for the Bearcat BC 2500XLT scanner to bring in the
DD> 800 MHz. range. Any help would be appreciated. Thanking you in advance
DD> DON.......

Hello from Wheaton, IL. If you have a 2500 that was manufactured before the ban then this mod will do the trick. What is the date code on your unit? Mine is 0CIC, which is March of '93. I went through some problems with mine, but some of them have been worked out. Still have problems with signals bleeding in where they don't belong. Do you have this problem?

Product...Uniden Bearcat 2500XLT
Purpose...Restore full 800 Mhz coverage
w/ 30 khz stepping when required.

** Disclaimer...Modifications are done at your own risk. This product uses surface mount components which make performing this mod difficult. If you are not comfortable with surface mount components, DON'T DO IT. This modification will void your warranty.

** Legal stuff...Performing this mod may enable reception of certain portions of the 800 Mhz band that is forbidden by U.S. federal law.

** BC 2500 models are coming on the market that are not capable of modification. I don't know of the date codes that are effected. To my knowledge, the date codes capable of modification are 0CIC and 0FIC.

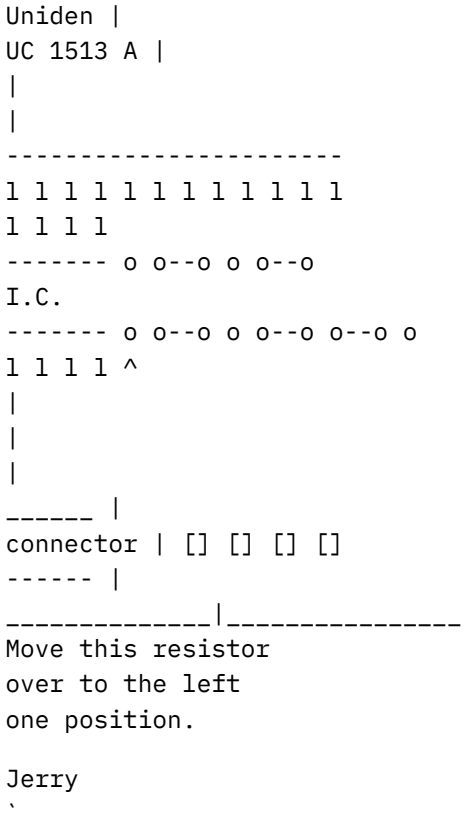
This modification is from the Sept. 1993 issue of Monitoring Times, p.94

1. Remove the antenna and battery pack from the unit. Lay it on the face on a soft cloth or towel, bottom of the radio facing you.

2. Carefully pry the back loose from the radio and lift it off. Similarly, grasp the visible circuit board by the edges and carefully pull it away form the radio just far enough to separate it from the white (11 pin) Molex connector. Do not stretch the remaining ribbon connector. Lay the board alongside the radio.

3. Locate microprocessor chip "Uniden UC-1513A" and the cluster of chip resistors marked "104" below it. Using a magnifier and fine point soldering iron, unsolder the lower-left-most chip resistor and move it one place to the left, soldering it in place.

Re-assemble unit.
|
|
|


Uniden |
UC 1513 A |
|
|
----
l l l l l l l l l l l
l l l l
------- o o--o o o--o
I.C.
------- o o--o o o--o o--o o
l l l l ^
|
|
|
_____ |
connector | [] [] [] []
------ |
_____|_____
Move this resistor
over to the left
one position.

Jerry
`

2245. BC2500XLT Keyboard Mods...

Newsgroup: rec.radio.scanner
Date: 1994-09-14 02:25:03 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779504728@f747.n115.z1>
Source record: 268744

-=> Quoting Andy Domonkos to All <=-

AD> I understand that Uniden manufactured scanners (like 200XLT, Pro-51)
AD> have test freq's that are enabled when a keyboard sequence is
AD> performed. Has anyone tried these with the 2500XLT? I know there is no
AD> direct search feature w/the 2500 but if it's VFO tuning is similar to
AD> the 890XLT then once the test freq. is in memory (8XX.XXX Mhz) etc, the
AD> VFO tuning (and/or up down buttons) may be able to step thru these
AD> ranges. I'd appreciate any results if anyone has tried this. Thanks.

Hi, Andy...Holding SCAN, 2 and 9 keys while powering up the unit will result in 20 test frequencies. None of the freqs touch the forbidden band. Matter of fact, they don't hit any of the 800 Mhz frequencies.

For info, holding MAN, 2 and 9 keys while powering unit will result in a cleared scanner. No other tricks in this unit.

Adding 400 Mhz to the cellular band will result in image reception at the 1200 Mhz range. Moving a chip resistor will restore continuous coverage on some models.

Jerry

2246. BC2500XLT, Double or Triple Conversion?

Newsgroup: rec.radio.scanner
Date: 1994-09-14 02:26:21 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779504729@f747.n115.z1>
Source record: 268743

-=> Quoting Andy Domonkos to All <=-

AD> Is the BC2500XLT double or triple conversion. What are the IF's. I
AD> thought I saw a post somewhere state that it's a triple conversion
AD> receiver. Thanks.

Hi again, Andy...The 2500 is a triple conversion, but not as good as the
'43 triple conversion scheme. No images are present on the '43 scheme, but
the 2500 does have images, though it is triple conversion.

Jerry

2247. Re: Need CB Frequencies...!

Newsgroup: rec.radio.scanner
Date: 1994-09-14 02:29:35 UTC
From: g9153402@huey.csun.edu
Message-ID: <355n6f$jag@nic-nac.CSU.net>
Source record: 268808

Berton Corson (g9153402@huey.csun.edu) writes:

Thanks. I've put all 40 frequencies in a channel bank and I went scanning.
Now I remember again why I got bored with my CB radio years ago, and
just stuck it in my closet. There just isn't much on CB anymore.
At least in the city I live in. Maybe if I was a trucker on the open
highway, they'll be stuff to talk to.
But all I heard scanning were some weak conversations (some couldn't
be understood, and all were far too distant for me to be heard if I
was on a CB). Also heard some recording in spanish, obviously being
transmitted from an illegal CB amplifier. From the little spanish I
knew, it sounded like someone advertising stuff he is selling in
the city of San Fernando (Calif.), which kept repeating.

Anyway,
Thanks again..

2248. Re: Bearcat BC2500XLT (beginner questions)

Newsgroup: rec.radio.scanner
Date: 1994-09-14 02:31:42 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779504730@f747.n115.z1>
Source record: 268740

-=> Quoting Claude Alan Cartee to All <=-

CAC> My unit is marked as 0FIC. The dealer reported that this unit was
CAC> modifiable. Is this accurate, and does this unit 'show remarkable'
CAC> improvements?

My unit is also 0FIC. (Means the manufacture of the unit is March,
1993.) It is modifiable.

CAC> The BC 2500 is about to be discontinued to make way for the BC
CAC> 3000XLT. Not sure what features it will have but has been speculated
CAC> that service search, (found on the BC220, Pro51 (made by Uniden for
CAC> RS) Sportcat 150) will be included on this unit.

CAC> I am not familiar with the 'service search' feature. What does it do?

Service search is the allocated frequencies already programmed in the
unit. For example, one push of a key will yield only freqs that are
allocated to fire depts. Another key will yield only freqs allocated to
police depts. (BTW, the police dept service search is terrible. Too many
freqs.) Another for air, then another for weather. These are all
pre-programmed into the scanner already for you.

Good signals...Jerry

2249. Cellphone Privacy

Newsgroup: rec.radio.scanner
Date: 1994-09-14 02:41:39 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779504731@f747.n115.z1>
Source record: 268746

-=> Quoting Rick Raymon Loebler to All <=-

RRL> After reading various articles in this group I get the impression
RRL> that people think that Digital & Encryption are the way to go to
RRL> ensure your privacy.
RRL>
RRL> Once digital becomes more popular, how long do you think it would
RRL> take an enterprising Scanner manufacturer to manufacture a GSM or
RRL> DAMPS capable scanner !!!!.

While it is possible for a scanner mfr. to design and market a digital decoder, there would be some legal ramifications from the feds. See, the ECPA of 1986 made it illegal to use or market a digital to analog decoder for the puropose of listening to cellular phones.

RRL> Should'nt be to long. I'm sure there are millions of $$$$$ to be made
RRL> in this area. The signaling protocols etc are not proprietry
RRL> infomation and are quite readily available to those who wish to look.
RRL> They have to be as all the manufacturers have to make compatible
RRL> equipment.
RRL> I bet there's some enterprising Uni Student making one of these
RRL> devices as part of the Phd as we speek.

Yes, there will be big bucks. If someone came up with such a device, it would be sold through the underground channels, not in the wide open. Wide open selling of the devices would only be to government agenceis and law enforcement.

Jerry

2250. Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-14 02:49:27 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779504732@f747.n115.z1>
Source record: 268742

-=> Quoting Sherwin Lee to All <=-

SL> I was wondering what exactly is the law regarding putting what you
SL> hear on your scanner in print? Say I go to school and listen to the
SL> security people and hear a fight breaking out. Can I actually quote
SL> what I hear in the school paper? Thanks?

Hi, Sherwin...
According to the Communications Act of 1934...(text from Police Call)

* Reveal to any other person, not a party to the transmissions, the
contents of those transmissions (in other words, keep it to yourself.)

* Use any information heard to aid in committing a crime

* Use any information heard for personal gain.

In answer to your question, IMO, it would be illegal to directly quote
anything you hear on your scanner into the school paper.

Jerry

2251. Need CB Frequencies...!

Newsgroup: rec.radio.scanner
Date: 1994-09-14 02:51:06 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779504733@f747.n115.z1>
Source record: 268738

-=> Quoting Berton Corson to All <=-

BC> I want to fill up an entire channel bank in my scanner, with all 40
BC> CB frequencies. The problem is, I don't know what they exactly are.
BC> I checked the instructions on an old CB I have, and all it says is
BC> that it broadcasts on CB channels 1 through 40. That doesn't do me
BC> any good.
BC>
BC> I do think the frequencies are somewhere between 25 & 29 mhz, and are
BC> AM, but anyone have the exact numbers? Thanks.

The freqs are at the back of Police Call in the frequency allocation
section. They are in the 26 to 28 range, generally.

Jerry

2252. pro-2006 purchase

Newsgroup: rec.radio.scanner
Date: 1994-09-14 02:52:56 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779504734@f747.n115.z1>
Source record: 268745

-=> Quoting David Retzik to All <=-

DR> I have a chance to buy a 2006 at a local radio shack. Production date
DR> is December 1993. Is this O.K. ? Anything I should know to look for?
DR> Thanks in advance,

Go for it. It is one of the best around for the money.

Don't sit there!!!! Get going!!!! :)

Jerry

2253. Yupi 7100 Scanner for Sale

Newsgroup: rec.radio.scanner
Date: 1994-09-14 02:58:03 UTC
From: swesquire@aol.com
Message-ID: <355orr$5ko@search01.news.aol.com>
Source record: 268811

For Sale: Yupi-7100 all mode, .5-1600mhz 1000channel scanner. Will receive everything imaginable. Imported from the U.K., in perfect condition with box and all manuals. $525 or best offer.

2254. RS-Pro-2006 backlight.

Newsgroup: rec.radio.scanner
Date: 1994-09-14 03:04:07 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779504735@f747.n115.z1>
Source record: 268741

-=> Quoting Michael C Tiernan to All <=-

MCT> Could someone fill me in on something? In the manual for my
MCT> 2006, they say something like "to extend the life of the
MCT> backlight, turn it off when not in use." What's the deal, how
MCT> long are these things supposed to last? What burns out on them,
MCT> I do belive they're electroluminesence but I didn't think they
MCT> had a short life.

Hi, Michael...

You are right...it is electroluminesence. With prolonged usage, the EL will dim. The original 2006 had a dimmer switch. The latest versions have an on/off switch. Don't know what the average life is on the 2006. It depends on usage and the voltage applied to them. Obviously, the more voltage, the brighter and the faster they burn out.

I just changed 2 EL panels out on the 2004 models. One I modified to turn off the EL when not needed.

Here is how the EL works...(from the 3/1991 issue of US Scanner News magazine.)

"The field in an EL is created by placing the phosphor based material between two conducting plates connected to the opposite charges. One plate will be metal and the other usually either perforated metal or a form of metalized plastic (in the case of a display panel). The charge between the two plates causes the excitation of the phosphor material and the generation of light. <later in the text> The actual process in the degeneration of luminescent lamps is not understood. "

It is noted in the article that temperature, moisture in the substrate, the color of the lamps and the applied voltage on the EL effect the degeneration of the EL.

Jerry

2255. Re: Scanners Removed at RS

Newsgroup: rec.radio.scanner
Date: 1994-09-14 03:06:25 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779504736@f747.n115.z1>
Source record: 268739

-=> Quoting Robert Casey to All <=-

RC> In article <779296974@f747.n115.z1> Jerry Smith
RC> <Jerry.Smith@f747.n115.z1.fidonet.org> writes: > -=> Quoting David
RC> Palmer to All <=- >
> DP> Now I hear that they are not selling any remaining 2006s.
> DP>
> DP> True?
>
> Not to my knowledge. The '2006 should still be legal until they are all
>sold. These were manufactured before the law kicked in and can be sold
>until the inventory is depleted.
>
RC> Then why did they take away the pro51's? Wern't they also made before
RC> the law kicked in?

Some of the units were. I guess the latest batch manufactured after
April of '94 were the violations. I don't understand why the '46, though.
Heck, there is a hardware modification for that unit.

Jerry

2256. Re: Why scan slowly?

Newsgroup: rec.radio.scanner
Date: 1994-09-14 03:09:50 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779504737@f747.n115.z1>
Source record: 268748

-=> Quoting Ben Hernandez to All <=-

> Claude Alan Cartee, ccartee@regal.cisco.com writes:
>I have a Bearcat 2500XLT, and it has options for normal and 'turbo'
>scan. The 64k question, is what are the advantages to scanning fewer
>number of channels per second? Is the scanner more likely to skip an
>active transmission in a faster scan mode?

BH> I have owned the wonderful BC 2500 xlt for about a year now, it has a
BH> tendency to skip over very weak signals in Turbo Scan mode.
BH>
BH> -Ben

Yeah, it does have the tendancy. But at least it helps skip the weak
intermod, too. :)

Jerry

2257. Need Charlotte frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-14 03:38:43 UTC
From: sestes@vt.edu
Message-ID: <355r83$g3v@solaris.cc.vt.edu>
Source record: 268813

I am looking for any frequencies available for Charlotte, NC. If anyone has any of this information and would be willing to share, I would appreciate it. Reply to: sestes@vt.edu. Thanks.

Steve Estes

2258. Re: REQUEST: TransAm Race Car frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-14 03:43:29 UTC
From: rthib@metronet.com
Message-ID: <Cw3p0I.ArC@metronet.com>
Source record: 268823

rfunk@ssr.hp.com wrote:

: Does any one have a list of Scanner Frequencies used by the drivers
: in the TransAm Race Car Series??

I Need These too for the race in Dallas.

rthib@metronet.com

2259. Re: Yupi 7100 Scanner for Sale

Newsgroup: rec.radio.scanner
Date: 1994-09-14 03:49:43 UTC
From: Lauren Reitman <73327.3472@CompuServe.COM>
Message-ID: <355rsn$8e4$1@mhade.inhouse.compuserve.com>
Source record: 268816

Would you consider $475 you pay shipping?

2260. PRO-23

Newsgroup: rec.radio.scanner
Date: 1994-09-14 04:11:46 UTC
From: bill@universe.digex.net
Message-ID: <355t62$h9@news1.digex.net>
Source record: 268818

I'm curious why I haven't seen any messages about this scanner here.
I got a flyer from RS that had it on sale for $179. It's a 50 channel
hand-held with 800MHz. I called Marymac and they said they had already
been recalled by Ft. Worth and didn't have any for sale. I checked a
couple of local stores and they still had a few. Unfortunately, they
were sold by the time I could get around to it.

One of the local store mgrs did claim that he could still order them from
Ft. Worth. True/false? Is it worth the effort of having him order one?
Can cell be restored?

bill

2261. Exchange Freqs in Springfield, MO area

Newsgroup: rec.radio.scanner
Date: 1994-09-14 04:17:05 UTC
From: shawn4sk1@aol.com
Message-ID: <355tg1$776@search01.news.aol.com>
Source record: 268819

I posted once before asking if anyone else read this that lived in or knew of frequencies in and right around Springfield, MO. I met one guy, now we're both interested in seeking others. Between us, we have several hundred but there's always more. I can't speak for him but I'm looking for the hard-to-come-by/unpublished ones. I already have Police Call and The US Scanner Almanac for Missouri as well as several I've found on my own.

Mail me if you wanna trade!

soliver@ozarks.sgcl.lib.mo.us

do not send mail to shawn4sk1@aol.com
I am no longer reading mail at that address.

2262. Re: Silent Play info

Newsgroup: rec.radio.scanner
Date: 1994-09-14 04:38:40 UTC
From: chowes@nyx10.cs.du.edu
Message-ID: <355uog$n5t@nyx10.cs.du.edu>
Source record: 268822

I bought one of them myself so I can play my computer's CD ROM out to the stereo, but that's neither here nor there.

If your local radio shack doesn't still have any, ask 'em to find one for you. They should be able to ask the district office if any are still there.

I got the impression perhaps they actually are a repackaged device from someone else. Check out stores selling Nintendo and Sega games. Those places may have them.

Chester Howes.

2263. freqs needed

Newsgroup: rec.radio.scanner
Date: 1994-09-14 04:42:45 UTC
From: Al Gunn <agunn@delphi.com>
Message-ID: <Bu0Q3Y1.agunn@delphi.com>
Source record: 268812

I need a list of frequencies for the Albuquerque NM area

2264. 800 Mhz for BC200XLT ??

Newsgroup: rec.radio.scanner
Date: 1994-09-14 05:09:46 UTC
From: kenneth@cybernetics.net
Message-ID: <3560iq$ifg@jabba.cybernetics.net>
Source record: 268824

I purchased a used BC200XLT scanner last week and wanted to restore the 800 Mhz band, but when I took it apart there was no resistor to remove above the UC -1147 chip. In fact, the chip is labeled UC-1147A with no resistor above it.

Can anyone help?

Thanks,

Kenneth

2265. Re: RS-Pro-2006 backlight.

Newsgroup: rec.radio.scanner
Date: 1994-09-14 05:42:22 UTC
From: droy@netcom.com
Message-ID: <droyCw3uIM.8qH@netcom.com>
Source record: 268727

Michael C Tiernan (mtiernan@world.std.com) wrote:
: Could someone fill me in on something? What's the deal, how
: long are these things supposed to last? What burns out on them,
: I do belive they're electroluminesence but I didn't think they
: had a short life.

I have had a 2005 for abt 4 1/2 yrs. This model has 2 settings for back
light. (the 2006 only has on and off) after about 4 years of being on
most every day I noticed the light was very dim when on high.
A trip to RS and a $5 or $6 dollar bill got me a new one and about an
hour of figuering out how to take the thing apart and I was back in
business. Yes they are electroluminesence and I think mine was made
by GE....
--
- -

Thanks to all those who have:
And to those who have not, remember
Please Send Money To:
Dave Roy
100 Harbor Blvd
Space # 16
Belmont, CA 94002

Ham Radio: KB6HLR . An EXPERIMENTAL No Code Extra
Packett Radio: kb6hlr @ n6qmy.#nocal.ca.usa.na
droy@netcom.com
" _ .... ._ _ ... ._ ._.. ._.. ..._. ___ ._.. _._ ... "

2266. Re: VHF MARINE

Newsgroup: rec.radio.scanner
Date: 1994-09-14 06:38:38 UTC
From: dbarton@unix.cc.emory.edu
Message-ID: <3565pe$i3r@emoryu1.cc.emory.edu>
Source record: 268726

wayne roberts (milcom@netcom.com) wrote:
: USERID@InforMNs.k12.MN.US wrote:
: : Does anyone have the vhf marine band freqs? EX. what freq. is channel 83
: : thanks

: keep in mind also that some marine radios like the better horizon line
: have expansion channles which allow them to go up to 163mhz in 25khz steps.
: I've heard marine operators on 157.9mhz, inbetween the mobile telephone
: input channels.
: --
: POP: Persistant Online Procrastination milcom@netcom.com

I am not sure what the first reply has to do with the question, but the VHF marine freq.s are located between 156.275 and 157.425 inclusive. The shore station (marine operator, et al) freq.s are 161.6, and 161.8 through 162.0. This info is common knowledge, and the details can be found in the Consolidated Frequency List in the back of your local Police Call. Normally I would not post something that is included in a commercial publication, but as I said, these are easy to get from a variety of sources.

Fun freq.s in the marine band include:
156.8000<ch.16> - Calling and distress. 2-way comm. usually starts here.
157.1000<ch.22a> - Main CG freq. to communicate with vessels
162.0000<ch.28> -
162.9000<ch.26> - Marine Operator (one will be active in your area).

ch.83 is 157.1750.

Have fun, and good luck.
:-)

2267. Re: SECRET Memo to FBI Director

Newsgroup: rec.radio.scanner
Date: 1994-09-14 06:49:32 UTC
From: dasher@netcom.com
Message-ID: <dasherCw3xML.ArE@netcom.com>
Source record: 268732
Cross-posted to: alt.2600,alt.2600hz,rec.radio.scanner,alt.privacy,alt.radio.scanner,comp.org.eff.talk,alt.gobment.lones

: Jason Kronz x8645 p5412 (jkronz@pts.mot.com) wrote:
: : Glen,
: : Please give us all a break... Most of the people
: : have lengthier records than you... Your nothing special.

Glen Roberts <glr@ripco.com> says:
: Well, fuck you too.

It's great to be alive in the information age.
--
Anton Sherwood ** +1 415 267 0685 ** DASher@netcom.com
Libertarian candidate for California Assembly, district 12 (S.F.)

2268. Oakville/Toronto Canada Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-14 06:55:00 UTC
From: jason@cpubbs.cuug.ab.ca
Message-ID: <982c_8086c289@cpubbs.cuug.ab.ca>
Source record: 268810

> Date: Mon, 12 Sep 1994 17:27:52 GMT
> From: moxness@acs.ucalgary.ca (Jack Moxness)

> As per the subject line I am interested in a few local
> frequencies for the Oakville Ont. or Toronto area. Anything that
> can be supplied ASAP is appreciated. THANKS!

Give me a couple hours and I'll pull my old Ontario list off of disk and give
it to you.

jason low @sdf3.cpubbs.cuug.ab.ca @f980.n5500.z201.cpubbs.cuug.ab.ca

2269. Pro 2006 vs. Icom AR8000?

Newsgroup: rec.radio.scanner
Date: 1994-09-14 07:09:12 UTC
From: dbarton@unix.cc.emory.edu
Message-ID: <3567io$i3r@emoryu1.cc.emory.edu>
Source record: 268730

Greetings, and thanks after the fact for all of the great info that I have received from here in the past. I am considering a new scanner purchase to augment my Pro-46. I had pretty much decided on the 2006 until I got the latest Grove catalog, and on page 17 I saw the new AR8000 whcih seems to good to be true. The ad lists coverage from 500kHz through 1900Mhz (no cellular, restorable?), 1000ch. memory, alpha display, RS232 control, adjustble step size in every band, receives am, nfm, wfm, usb, lsb, and cw. All this in a handheld for $649.95.

If even most of this is true, it would be a great deal. I should add that I have use for many of these features, mostly Rx in the SSB marine bands. I am very interested in any info regarding this product. Specifically if it is possible that one unit would have reliable reception on such a wide variety of freq.s. It seems to me that one or more of the bands would have to suffer.

I am a new ham (*im*patiently waiting for my license) so please feel free to give "technical" responses. I would also request that you mail me a response, as the news server at my school frequently spools very fast, and I may miss your valuable response. My address is: bartdoug@teetot.acusd.edu

I will check here for any responses that could not be mailed, and...

Thanks in advance,
Doug
:-)

2270. Mods for PRO-39?

Newsgroup: rec.radio.scanner
Date: 1994-09-14 07:38:10 UTC
From: g-man@garlic.com
Message-ID: <356992$89g@garlic.com>
Source record: 268731

Could someone please send me the Mods for the PRO-39?

Thanks very much.

Email- g-man@garlic.com

2271. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-14 11:42:17 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <356nip$7qf@cronkite.ocis.temple.edu>
Source record: 268794
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Sherwin Lee (slee@netcom.com) wrote:
Can I actually quote what I hear
: in the school paper? Thanks?

Well, You can, it's against the law, but you still can.
Think about it this way, if your local pd says
"Yea, I'm here at <your address>, give me 10 backup units - this guy's
a real nut case."
or something to that effect, would you like to see that as a headline?
just a little nibble for thought.

--
[AUTO .Sig posting]
Scanner BBS 610-525-4004
14.4K / 24 hours/day / no ratios / CD ROM
120 min/day / no verification
call today and do all the downloading you
want! that is what it's here for!
The only thing this bbs is missing
IS YOU!!

2272. Re: 800 Mhz for BC200XLT ??

Newsgroup: rec.radio.scanner
Date: 1994-09-14 12:20:02 UTC
From: busiworks@aol.com
Message-ID: <356ppi$d36@search01.news.aol.com>
Source record: 268796

In article <3560iq$ifg@jabba.cybernetics.net>, kenneth@cybernetics.net (Kenneth Guthrie) writes:

>I purchased a used BC200XLT scanner last week and wanted to restore the >800 Mhz band, but when I took it apart there was no resistor to remove >above the UC -1147 chip. In fact, the chip is labeled UC-1147A with no >resistor above it.

Try looking for a little surface mount resistor that says "103" on it. It is about
1/8 of an inch long...

2273. BC2500XLT vs Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-09-14 12:51:55 UTC
From: domonkos@access.digex.net
Message-ID: <I5lTkiubGU71066yn@access.digex.net>
Source record: 268736

Has anyone tried these two scanners side-by-side and compared image rejection? Both have triple conversion receivers, I'm wondering if the BC2500XLT is as good as the Pro-43. Thanks...

Andy

2274. Re: RS-Pro-2006 backlight.

Newsgroup: rec.radio.scanner
Date: 1994-09-14 13:15:56 UTC
From: mtiernan@world.std.com
Message-ID: <Cw4FIL.L6w@world.std.com>
Source record: 268747

Well, thanks for the replys guys. It's informative.
Guess I'll be replacin' mine in a few years too.
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

2275. Glen Roberts

Newsgroup: rec.radio.scanner
Date: 1994-09-14 13:18:47 UTC
From: rsmith@runcible.macc.wisc.edu
Message-ID: <356t7n$hah@news.doit.wisc.edu>
Source record: 268749

What does all the Glen Roberts drivel about the FBI, letters from
lawyers and other people that attack him have to do with rec.radio.scanner ?

--

Rusty Smith Division of Information Technology
rsmith@macc.wisc.edu Network Engineering Group
rsmith@wiscmacc 1210 W. Dayton St. Rm B263
University of Wisconsin at Madison Madison WI 53706 (608) 263-6307

2276. Re: Pro 39 and 43

Newsgroup: rec.radio.scanner
Date: 1994-09-14 14:44:38 UTC
From: reda@band-aid.rutgers.edu
Message-ID: <35728m$a2c@band-aid.rutgers.edu>
Source record: 268805

This is from memory, but:

I think the main difference is that the 43 has the military aircraft bands, while the 39 doesn't.

FRank

2277. Re: Advice needed!

Newsgroup: rec.radio.scanner
Date: 1994-09-14 14:53:24 UTC
From: domonkos@access3.digex.net
Message-ID: <3572p4$754@news1.digex.net>
Source record: 268804

D. Van Iderstine (dusty@svpal.org) wrote:

: I'm getting ready to buy a new base scanner. I seriously thinking
: about the new Pro-2036 with a list price of $319.00. I know it's not
: modifiable but that's not real important to me because my Pro-46 gets
: everything I need ;-) I'm wondering though, the 2036 uses double
: conversion technology, would I do better getting something with
: triple conversion? Should I pay list? I'm also told that there still
: might be some 2006's avaiable out there? Any better equipment for
: the price? Any and all comments welcome and encouraged!!!!Please!!!!!
: I'm buying this weekend <fingers crossed>
: Dusty

Dusty,

I highly recommend triple conversion, especially if you plan to use
an external or attic antenna. My 2006 does an excellent job rejecting
images.

Andy

2278. Re: Mods for PRO-39?

Newsgroup: rec.radio.scanner
Date: 1994-09-14 15:39:19 UTC
From: dlblac@ccmail.monsanto.com
Message-ID: <1994Sep14.133729.2904@tin.monsanto.com>
Source record: 268756

In article <356992$89g@garlic.com>, <g-man@garlic.com> writes:
> Path:
monsanto.com!wupost!psuvax1!news.pop.psu.edu!news.cac.psu.edu!howland.reston.an
s.net!cs.utexas.edu!uunet!juniper.almaden.ibm.com!garlic.com!garlic.com!not-for
-mail
> From: g-man@garlic.com (South Valley Interne)
> Newsgroups: rec.radio.scanner
> Subject: Mods for PRO-39?
> Date: 14 Sep 1994 00:38:10 -0700
> Organization: South_Valley_Internet
> Lines: 5
> Message-ID: <356992$89g@garlic.com>
> NNTP-Posting-Host: localhost
> X-Newsreader: TIN [version 1.2 PL2]
>
> Could someone please send me the Mods for the PRO-39?
>
> Thanks very much.
>
> Email- g-man@garlic.com

You will find several versions of the Pro 39 mod on oak.oakland.edu.

2279. Re: Glen Roberts

Newsgroup: rec.radio.scanner
Date: 1994-09-14 16:38:35 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep14.113835@hnrc.tufts.edu>
Source record: 268809

In article <356t7n$hah@news.doit.wisc.edu>, rsmith@runcible.macc.wisc.edu (Rusty Smith) writes:
>
> What does all the Glen Roberts drivel about the FBI, letters from
> lawyers and other people that attack him have to do with rec.radio.scanner ?
>

Some people refuse to learn about kill filters and switches unless they're given sufficient motivation. 8-)

2280. DTMF decoder available

Newsgroup: rec.radio.scanner
Date: 1994-09-14 16:39:18 UTC
From: shima@eel.ufl.edu
Message-ID: <3578vm$bs1@huron.eel.ufl.edu>
Source record: 268760

I have developed a post-processing DTMF decoder for use with
Soundblaster and binary 8-bit files. The algorithm is very
robust and has tested with 100% accuracy on synthetic and actual DTMF
data. If you would like to demo the program and provide
some feedback, please email me.

J.M. Shima
shima@eel.ufl.edu

2281. Re: Wanted: DTMF Decoder

Newsgroup: rec.radio.scanner
Date: 1994-09-14 16:44:39 UTC
From: hughem@netcom.com
Message-ID: <hughemCw4p6G.EBt@netcom.com>
Source record: 268820
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone know what the actual DTMF frequencies are? I also downloaded and wasted time with DTMF101.EXE, on my SB16ASP. Could we get the source code to this thing? Maybe a Windows version would be more usefull anyway.

Does anyone have a "voice-activated" .wav recording program? I would like to have my computer record scanner activity, but only when there is some. I have the Sony cassette tape recorder with VOX and timestamp, but .WAV files would be easier to relate to a database...

hughem@netcom.com

2282. Re: >DTMF decoder. You can make one in Qbasic that comes with DOS.

Newsgroup: rec.radio.scanner
Date: 1994-09-14 17:03:57 UTC
From: hughem@netcom.com
Message-ID: <hughemCw4q2L.GA9@netcom.com>
Source record: 268764

Cory Russek (russek@netcom.com) wrote:
: I recently downloaded a really small really simple program that lets you
: access the soundblaster from Qbasic V1.0

downloaded from... ? Available where?

thanks
hughem@netcom.com

2283. <><><><><> MOTOROLA PORTABLE CELLULAR PHONE 4 SALE <><><><><>

Newsgroup: rec.radio.scanner
Date: 1994-09-14 17:15:55 UTC
From: jeffl@pmafire.inel.gov
Message-ID: <1994Sep14.171555.27275@pmafire.inel.gov>
Source record: 268815
Cross-posted to: alt.cellular-phone-tech,rec.radio.scanner

<><><><>

2284. Re: Antenna Recommendations.

Newsgroup: rec.radio.scanner
Date: 1994-09-14 17:18:28 UTC
From: rcampan@VNET.IBM.COM
Message-ID: <19940914.115503.665@almaden.ibm.com>
Source record: 268765

I'm looking to get a good outdoor antenna for my RS 2006. I heard a lot of good stuff about Grove's Discone antenna. What I'm looking for is an antenna that will allow me to receive any freqency that the 2006 is capable of receiving and to do it well. I live 35 miles from New York City. I called Grove's Tech line and was told that the discone was meant mainly for military and aircraft frequencies and that the omni-directional I believe it was antenna 8 (the one that looks like an x) would be more suited for my needs. This antenna sells for $39 while the discone sells for $89. Does anyone have the cheaper antenna or have any recommendations about which one to get? Thanks in advance.

Rich

2285. Pro-39 Mod ...

Newsgroup: rec.radio.scanner
Date: 1994-09-14 17:18:45 UTC
From: domonkos@access3.digex.net
Message-ID: <357b9l$8lg@news1.digex.net>
Source record: 268814

Does the 800 Mhz mod for the Pro-39 also allow the range of 824-849Mhz?

Andy

2286. Re: What are these freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-14 17:38:11 UTC
From: coolidge@zk3.dec.com
Message-ID: <357ce3$q8t@jac.zko.dec.com>
Source record: 268763

--
In article <Cw0uEG.G1K@world.std.com>, mtiernan@world.std.com (Michael C
Tiernan) writes:

> I've got these freqs listed and I've not heard anything from
> them. I was wondering if anyone has ever heard anything from
> them in the greater Boston area.>

> 155.475 - National Law Enforcement
> 154.22 - Mass Metro Fire
> 153.965 - Civil Defense
> 47.66 - Red Cross

Well, the first one, 155.475MHz., is designated by the FCC as, well,
the National Law Enforcement frequency. That is, it can be used by
any LE licensee, be they at the state, county or municipal level.
Here in New Hampshire, just about every police unit carries it as
"Channel 2", and it's monitored by all police dispatchers. So, if a
cop from Errol (way up in the White Mountains) was down in the "flat
lands" of Nashua, and needed to get ahold of someone in a hurry, that's
the frequency that would be used. It's entirely possible that there's
no protocol for its use in eastern Massachusetts. (Or just for a dire
emergency?).

As for 154.22, it's just another frequency in the Fire Radio Service. It
would appear that in the greater Boston area, it's used as some sort of
mutual aid or coordination channel. Up in parts of New Hampshire, it's
a secondary fireground channel (in the Capital Area Fire Mutual Aid
Compact); our state-wide mutual aid channel that everyone with a highband
rig can use is 154.280 MHz.

The Civil Defense channel appears to be just another CD channel of the
several that are allocated by the FCC in the low, high and UHF bands.

The last one, 47.66, is probably licensed to the Red Cross, although it's
like their secondary or tertiary channel; 47.42 is the golden oldy that's
been allocated for 20-25 years. No, you probably won't hear much on there
except for an occasional drill. And, I strongly suspect, you won't be in
much of a position to sit and monitor if they did make "real" use of it,
because it's very likely that you and/or your neighbors will be more
worried about the disaster that's in progress!

Bayard R. Coolidge N1HO DISCLAIMER: The opinions expressed are
Digital Equipment Corp. solely those of the author, and not
Nashua, New Hampshire, USA those of Digital Equipment Corporation

coolidge@zk3.dec.com nor any other entity.
"Brake for Moose - It can save your life" - N.H. Fish & Game Dept.

2287. Realistic PRO 2006 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-09-14 17:38:43 UTC
From: fbern@teleport.com
Message-ID: <357cf3$gb8@kelly.teleport.com>
Source record: 268757

Realistic PRO 2006 For Sale. Excellent Condition. Purchased 4/4/94.

$325 Shipping Included

Frank. (503) 671-9379
--
fbern@teleport.com Beaverton, OR

2288. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-14 17:56:05 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.100.000BEFA3@chevron.com>
Source record: 268686

In article <353e3a$f30@search01.news.aol.com> scan911@aol.com (SCAN911) writes:

>In article <sleeCw1ovD.B2q@netcom.com>, slee@netcom.com (Sherwin Lee)
>writes:

>>I was wondering what exactly is the law regarding putting what you hear
>>on your scanner in print? Say I go to school and listen to the security
>>people and hear a fight breaking out. Can I actually quote what I hear
>>in the school paper? Thanks?

>Sherwin, as a news journalist, you should become familiar with the
>Communications Act of 1934. It spells out that what you overhear on the
>airwaves (except broadcast radio and hams and another cannot be used for
>financial gain (publication of a newspaper would be included here).
[snip]
>Chuck Gysi, N2DUP

Chuck: Please tell where your information comes from regarding the disclosure
of ham radio traffic. Hams are prohibited from broadcasting to the general
public and their two way communications are protected by the comm act of 34
just as part 90 users. This prohibits even other hams from realizing any gain
from overheard traffic in which they are not a participant. The only
exception would be permissable "QST"s of interest to the amateur service and
when amateur radio is used for news reporting (only when other means are
unavailable).

Maybe I haven't gone deep enough into title 47 of the CFR?

I will back the other advise you give to Sherwin.

But what do think of this? During the infamous O.J. Simpson Bronco chase
I heard/saw news reporters holding their mics to scanner speakers during on
scene reports. Illegal? I thought so.

I sent a fax to a San Francisco radio station during their coverage of the
murders at 101 California St. They had a helicopter overhead and the reporter
was relaying minute by minute reports of what he hearing on a scanner
regarding police positions and where the suspect was in the building.
Illegal? If not - it was really grey to me.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL
My contributions to the net are not on behalf
of my employer - but I appreciate my net access.

2289. Re: Glen Roberts

Newsgroup: rec.radio.scanner
Date: 1994-09-14 18:08:02 UTC
From: tls@gate.net
Message-ID: <357e62$gll@tequesta.gate.net>
Source record: 268759

Rusty Smith (rsmith@runcible.macc.wisc.edu) wrote:

: What does all the Glen Roberts drivel about the FBI, letters from
: lawyers and other people that attack him have to do with rec.radio.scanner?

One time years ago Roberts was within an arm's reach of a scanner when he had a personal interaction with some Federal agents, so he thinks that everything that ever happens to him or that he hears about should be posted in this newsgroup.

2290. Where to get parts for PRO-2006 Memory Mod?

Newsgroup: rec.radio.scanner
Date: 1994-09-14 18:12:24 UTC
From: dm281@cleveland.Freenet.Edu
Message-ID: <357ee8$3sj@usenet.INS.CWRU.Edu>
Source record: 268768

Okay, I was all ready to make the 6400 Channel Memory Mod on my RS Pro-2006, but almost no one locally (it seems) has the parts I need. I've checked around for that 256Kx8 SRAM. but no one seems to know what I am talking about, even a local scanner shop. (Also, what speed should I ebe looking for and does it matter?) Is there a place where I can mail order this?

Also, I am looking for a 16MHz quartz crystal and a 10K Ohm SIP that I have not been able to find locally.

Please forward responses to dm281@po.cwru.edu.

Thanks,
Ken
--
kvlee@cco.caltech.edu | Caltech | GO
kvlee@romeo.caltech.edu | MSC #614 | CALTECH
dm281@po.cwru.edu | Pasadena, CA 91126-0001 | BEAVERS
"The actuality of thought is life." --Aristotle

2291. Looking for FAF

Newsgroup: rec.radio.scanner
Date: 1994-09-14 18:12:48 UTC
From: allds@indirect.com
Message-ID: <allds.47.0012372E@indirect.com>
Source record: 268676

Can some-one please tell me were to get the FAF file from.??...

I know it's at oak.oakland.edu ...but... I cant find the Dir.

Thanks

-John-

_/_/_/

2292. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-14 18:13:45 UTC
From: finster@zeus.fasttax.com
Message-ID: <finster.35.00C8D8E1@zeus.fasttax.com>
Source record: 268733

In article <1994Sep10.025339.6583@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>From: billn@hpcvaac.cv.hp.com (bill nelson)
>Subject: Re: stupid salesdroid tricks
>Date: Sat, 10 Sep 1994 02:53:39 GMT

>reece@eco.twg.com (Reece R. Pollack) writes:
>:
>: A couple of years ago Radio Shack started a campaign to update their
>: mailing lists by asking for your name and address on even cash sales.
>: This little pitch starts off with, "May I have the last four numbers
>: of your phone number?"
>:
>: The first time I head this request, I answered "No". The salesman asked
>: again, and again I said no. He then told me that without a name, address,
>: and phone number, he couldn't complete the sale. I said that that was
>: fine by me, and told him he'd just lost the sale.

>Well, in my case, I really wanted to make the purchase. I told him to
>make one up. I believe he said he used his brother's.

I hate that as well. After all, if I wanted you to track me, I'd use a credit card in the first place. There is a REASON I pay cash for most things.

In my case, I just tell them that the last 4 digits of my phone number are "0000". Some of them don't even blink, some of them ask me if I'm kidding. For the salesdroids that don't blink at "0000", I follow up with "1234 Anywhere Ln. / Anytown, USA." Usually they will get the first half typed in before they realize that I'm jerking them around. At that point, I tell them to type anything that makes them feel good.

I've only had them refuse to sell me something once, but it was no big deal... There are about 75 Rat Shack stores in Dallas, and I drive around a lot anyway. The employee turnover rate seems to be high enough, I never seem to deal with the same person twice anyhow. For the most part, I stick to the sidewalk sales or "real" electronic shops. I only deal with Rat Shack in time-critical apps. (Just HAVE to get that connector tonight)

I've also had to show the droids where the stuff is on the shelf before... I've had them swear to me that they didn't stock BNC to Motorola adapters until I walked over and found it myself. And then he practically begged me not to buy it because "You probably don't know what you need, and then I'll just have re-stock it. Please bring the antenna in so I can verify it's the right one."

Droid rant off.

-- dave
finster@fasttax.com

2293. Re: VHF MARINE

Newsgroup: rec.radio.scanner
Date: 1994-09-14 18:19:42 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.779566782@vela.acs.oakland.edu>
Source record: 268752

dbarton@unix.cc.emory.edu ( ) writes:

>wayne roberts (milcom@netcom.com) wrote:
>: USERID@InforMNs.k12.MN.US wrote:
>: : Does anyone have the vhf marine band freqs? EX. what freq. is channel 83
>: : thanks

>: keep in mind also that some marine radios like the better horizon line
>: have expansion channles which allow them to go up to 163mhz in 25khz steps.
>: I've heard marine operators on 157.9mhz, inbetween the mobile telephone
>: input channels.
>: --
>: POP: Persistant Online Procrastination milcom@netcom.com

>I am not sure what the first reply has to do with the question, but the
>VHF marine freq.s are located between 156.275 and 157.425 inclusive. The
>shore station (marine operator, et al) freq.s are 161.6, and 161.8
>through 162.0. This info is common knowledge, and the details can be
>found in the Consolidated Frequency List in the back of your local Police
>Call. Normally I would not post something that is included in a
>commercial publication, but as I said, these are easy to get from a
>variety of sources.

>Fun freq.s in the marine band include:
>156.8000<ch.16> - Calling and distress. 2-way comm. usually starts here.
>157.1000<ch.22a> - Main CG freq. to communicate with vessels
>162.0000<ch.28> -
>162.9000<ch.26> - Marine Operator (one will be active in your area).

>ch.83 is 157.1750.

>Have fun, and good luck.
>:-)
Also keep in mind that Different C.G.stations use different freqs.While
156.800 is always calling and distress,my local C.G. uses 157.150
not.100.It is a good idea to program all of the freq.into your scanner a
nd see what you find.Here in SE Michigan we get a lot of traffic on the
port operation channels.I still have these freq.if anyone else ic
interested.

NCS.

2294. Pro-37 repair parts - withheld?

Newsgroup: rec.radio.scanner
Date: 1994-09-14 18:39:29 UTC
From: dj391@cleveland.Freenet.Edu
Message-ID: <357g11$5l3@usenet.INS.CWRU.Edu>
Source record: 268817

My poor ol' pro-37 developed a bad problem in the keypad and had to go see the scanner doctor. Doctor says a keypad transplant is needed or the poor old '37 bites the big one. Orders a new pad from RS and has now been waiting over 2 months for said part. I suddenly have the awful fear that the rat people are holding parts for any cellular capable radios (the 37 was designed when men were men) in captivity. <sigh> I loved my old '37. Anyone have a comment on this? There seems to be too much hype about big brother's little tantrums already.

--
Jack Wiggins - FORMER user of the GATOR, free at last!
Now then... where am I?

2295. BC200XLT Modifications

Newsgroup: rec.radio.scanner
Date: 1994-09-14 18:42:34 UTC
From: domonkos@access.digex.net
Message-ID: <rioTkiubGYj5066yn@access.digex.net>
Source record: 268821

I will be modifying a BC200XLT for my friend and I told him I don't believe the mod allows for 30Khz steps. Is this accurate? Thank you.

Andy

2296. Pro2032 Mods Wanted

Newsgroup: rec.radio.scanner
Date: 1994-09-14 18:53:35 UTC
From: wright@advtech.slc.paramax.com
Message-ID: <2871@hayduke.slc.paramax.com>
Source record: 268700

I checked at all the ftp sites that I know of, but couldn't
find the mods for the pro2032.. Any help??

The 2032 has lousy (i.e., nil) image rejection. Is this true
for the other RS scanners (except for the 2004/5/6)?

Bob Wright K7RW

wright@slc.UnisysGSG.com
or rwright@ee.utah.edu

2297. Pro-43 Hunters, Beware...

Newsgroup: rec.radio.scanner
Date: 1994-09-14 18:55:05 UTC
From: domonkos@access.digex.net
Message-ID: <4HqTkiubGw73066yn@access.digex.net>
Source record: 268677

In my search for 800Mhz restorable Pro-43's I have come across several units in their boxes w/date codes as early as 6A2, 4A3, and 12A3. I picked up the 12A3 only to find it had an unusual amount of hetrodyne noise on the 406-512 FM bands. I thougt these were birdies but weren't. I exchanged this unit for the 4A3 date code and this one was deaf on the aircraft band compared to the previous unit! I went to exchange it for the 6A2 unit and before leaving the parking lot I noticed a hairline crack right down the middle of the back of the case. I immediately returned the unit and this time walked out with my refund. I suspect all RS may have left if early date codes are units returned and shelved at Tandy and they may be dumping these on the market. Another local scanner enthusiast had a similar story but was able to exchange it for a physically and electrically acceptable unit.

Has anyone else had this expreience? The local dealer has one 12A3 demo left and it looks OK but I was so aggravated I didn't bother to see how it 'played'. Since my goal is mostly triple conversion w/UHF air I may just wait for a fresh supply of non-modifiable units.

Just wanted to warn everyone of a possible trend...

Andy

2298. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-14 19:29:50 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <357ive$72d@thecourier.cims.nyu.edu>
Source record: 268769

|> BTW, if you bring your out-of-waranty electronics to RS to get fixed, will they
|> try to sell you an extended warranty on the repair?

No, they break it even more or tell you it's unrepairable.

Once, when I had the two part radar detector, I backed down
off of a curb and ripped the connecting wire right out of
the back of the sensor. Took it to RS, they said that it
was unrepairable, "but we have a wide variety of new radar
detectors on sale for this week only!" [sweep an arm across
the top of the glass case] They returned the parts to me,
and I opened the sensor. It seriously looked like they
opened the unit, removed the remaining wire from the connection
with a flathead screwdriver, and immediately put it back in the bag
with an "unrepairable" sticker on it.

Then, I dropped a walkie talkie CB radio once from waist height
perfectly landing on the corner of a stair of an escalator [ouch].
On impact the unit turned on and the internal mic and speaker
got stuck in a feedback loop. I had to use it without a
microphone and I found out later the battery charger died too.
I dropped it off, and six weeks later, after a short burst of daily
phone calls, I got the unit back. The battery charger worked, no
more feedback, BUT THE SQUELCH WAS NOW BROKEN. I had to suffer
through continuous noise to hear an occasional transmission.
Sure, before I had the external mic and the other battery
charger. I quickly missed it's near death state. RS deemed it
useless in not so many words.

Stupid god forsaken rat bastards. And then they whine when we
trash them here? >:| And then it's products like the Pro43, the Pro2006
and the HTX-202 that keep me coming back.. I wish they wouldn't
sway so much with their quality service.

RS of Whitehouse, NJ on Route 22 East. Stay far away.

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

2299. RE: Confederate Air Force Air Show Freq

Newsgroup: rec.radio.scanner
Date: 1994-09-14 19:34:51 UTC
From: slush@voa.gov
Message-ID: <Cw4x23.13u@VOA.GOV>
Source record: 268725

A previous post on rec.radio.scanner from andym@hq.af.mil (Andy McConnell) noted....

>I listened to the Confederate Air Force (WWII nostalgia rebuilders and flyers)
>on 118.7MHz at Frederick MD on August 27, 1994. This seemed to be their main
>frequency. There was a lot of coordination and behind-the-scenes action for
>their WWII "re-enactment."
>Anyone know if they have their own assigned freq like the Thunderbirds or Blue
>Angels, or do they use local tower frequencies?

CAF uses a number of frequencies when they operate an airshow [according to a co-worker who's active in the CAF].

"Marshalers" (those who direct/move aircraft away from the flightline) are usually found on 49.875mHz nationwide -- regularly referred to as channel "A".

They'll also use the ground freqency(ies) of the airport where they're operating and may also -- with the assistance and coordination of the FAA -- establish one or more frequencies on a "one-time" basis for air boss, ground boss, fueling, operations, etc. There is also usually a freq for the "ordnance and demolition" folks, who coordinate with the air boss for the timing and location of explosions in their re-enactments.

One thing to remember -- these FAA-coodinated freqs will be in the CIVILIAN not military aircraft band.

Happy monitoring!

slush@voa.gov (Joe Gallagher)
The standard "blah blah blah" disclaimer has been cut back to "blah bla" due to funding cutbacks.

2300. ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-14 19:46:13 UTC
From: blade@crash.cts.com
Message-ID: <Cw4xL2.KzA@crash.cts.com>
Source record: 268771

RADIO SHACK sells some very fine products such as their line of scanners and Short Wave radios, however I have had many problems with sales staff with regard to misinformation and generally poor service. Today I drove some 40 miles out of my way to retrive a scanner being held for me only to be told that it could not be sold to me despite a conversation with the salesman only 45 minutes earlier. Unit in question is the PRO 51 which has been pulled. This is just one in a series of these types of miscommunications. IS IT JUST ME OR HAVE OTHER PERSONS ON THIS NET HAD PROBLEMS? PLEASE PASS THEM ON TO ME AS I INTEND ON COMMUNICATING WITH THE RADIO SHACK CEO.

ROBERT

2301. Re: Glen Roberts

Newsgroup: rec.radio.scanner
Date: 1994-09-14 20:32:13 UTC
From: tweek@netcom.com
Message-ID: <tweekCw4zpp.J7M@netcom.com>
Source record: 268681

rsmith@runcible.macc.wisc.edu (Rusty Smith) writes:
>
>What does all the Glen Roberts drivel about the FBI, letters from
>lawyers and other people that attack him have to do with rec.radio.scanner ?

IMO, if it has to do with Big Brother withdrawing certain freedoms from US citizens that might have some sort of bearing on monitoring freedom, it has everything to do with it.

I didn't even mind seeing the FOI stuff, as it shows how nasty the Fibs can be... of course, if the subject starts drifting out of the realm that has anything to do with scanner freedom, well, IMO, that's when it should go to e-mail or at least drop the rec.radio.scanner crosspost.

Also, as a bit of constructive criticism to Glen, although today's media is different from the past, *I* still consider "News" reporters to be fair and unbiased. While I'm not saying that you lie about any facts, I have seen at times where you have neglected to mention the "other" side of the case. I myself have no problem, as long as I realize that it is one sided, but I suspect that some folks might take what you write as the Whole Story.

2302. Re: Antenna Recommendations.

Newsgroup: rec.radio.scanner
Date: 1994-09-14 20:40:18 UTC
From: horak@convex.com
Message-ID: <357n3i$lgi@eugene.convex.com>
Source record: 268678

In <19940914.115503.665@almaden.ibm.com> rcampan@VNET.IBM.COM writes:

>I'm looking to get a good outdoor antenna for my RS 2006. I heard a lot
>of good stuff about Grove's Discone antenna. What I'm looking for is an
>antenna that will allow me to receive any freqency that the 2006 is
>capable of receiving and to do it well. I live 35 miles from New York
>City. I called Grove's Tech line and was told that the discone was meant
>mainly for military and aircraft frequencies and that the omni-
>directional I believe it was antenna 8 (the one that looks like an x)
>would be more suited for my needs. This antenna sells for $39 while the
>discone sells for $89. Does anyone have the cheaper antenna or have any
>recommendations about which one to get? Thanks in advance.

Mail to you bounced so........

It's strange that they actually WANT to sell you a cheaper antenna.
Anyway, I have a discone and am pleased. Get one with a vertical
whip if you want the low band stuff.

David

2303. Help with BC200XLT Mod...

Newsgroup: rec.radio.scanner
Date: 1994-09-14 20:56:21 UTC
From: jjuarez@nyx10.cs.du.edu
Message-ID: <357o1l$4te@nyx10.cs.du.edu>
Source record: 268734

I recently read a posting about Celluar Freqs Modification for a
Uniden BC200XLT. I decided to take a peek inside my scanner just to
check it out. I followed the directions closely, but I was stumped
when I got to Step 5.

Step 5 reads as follows:

" 5. Locate the (64 pin quad flatpack) microprocessor
IC labelled "UNIDEN UC-1147" and the 10k ohm
(brown-black-orange) leadless resistor positioned
above the letters "DEN" on the IC. "

Rather than a brown-black-orange resistor, there was a small
rectangular-shaped object with "103" printed on it. (There was also
another one over the letters "UNI", but with nothing printed on it.)
I saw other resistors which fit the description, but they were not
at all close to the IC.
Now of course, I wasn't going to perform this modification...

But, there is obviously something wrong with one of three things:

- my scanner

- the instructions

- my understanding of the instructions

If anyone can offer a suggestion, please respond.

Thank You,

jjuarez@nyx.cs.du.edu

2304. Talknet on 948.4875??

Newsgroup: rec.radio.scanner
Date: 1994-09-14 22:06:01 UTC
From: shawn4sk1@aol.com
Message-ID: <357s49$la5@search01.news.aol.com>
Source record: 268693

I've heard of the radioshow Talknet, which I was thinking was an AM program- I found it at 948.4875, Narrow FM band- a very, very clear signal. Are certain feeds like that being pushed up to the 900's now? I didn't hear any others though... Also, is this a nationwide deal or probably specific to my city only?

soliver@ozarks.sgcl.lib.mo.us

2305. Ottawa area Police 10-codes

Newsgroup: rec.radio.scanner
Date: 1994-09-14 22:25:55 UTC
From: sr71a@freenet2.scri.fsu.edu
Message-ID: <357t9j$4ot@freenet3.scri.fsu.edu>
Source record: 268754
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.scanner

NEPEAN POLICE 10-CODE

10-1 RECEIVE POORLY
10-2 RECEIVE WELL
10-3 STOP TRANSMITING
10-4 AKNOWLEDGEMENT
10-5 RELAY
10-6 BUSY-STANDBY
10-7 OUT OF SERVICE
10-8 IN SERVICE
10-9 REPEAT
10-10 KEEP PEACE
10-11 DOMESTIC
10-12 DRUNK PERSON
10-13 VANDALISM/MISCHIEF
10-14 NOISE COMPLAINT
10-15 SUSPICIOUS PERSON
10-16 SUSPICIOUS VEHICLE
10-17 ARSON/FIRE
10-18 COMPLETE ASSIGNMENT
10-19 RETURN TO STATION
10-20 LOCATION
10-21 CALL BY PHONE
10-22 SEE COMPLAINANT
10-23 INDECENT ACT/EXPOSURE
10-24 PERSON USING FIREARM
10-25 DISPUTE-CUSTODY
10-26 DISPUTE-NEIGHBOUR
10-27 DISPUTE-LABOUR
10-28 VEH REGISTRATION INFO
10-29 CHECK RECORDS WANTED
10-30 DROWNING
10-31 SICKNESS/INJURY
10-32 U/K PROBLEM-911 CALL
10-33 CATASTROPHE
10-34 ALARM-OTHER
10-35 ALARM-BANK-HOLD UP TYPE
10-36 STOLEN BICYCLE
10-37 THEFT
10-38 SHOPLIFTER
10-39 PERSONS LOITERING
10-40 STOLEN VEHICLE
10-41 BREAK & ENTER

10-42 ROBBERY
10-43 SUICIDE/ATTEMPT
10-44 HOMICIDE
10-45 SUDDEN DEATH
10-46 SEXUAL ASSAULT
10-47 NOISY PARTY
10-48 FRAUD
10-49 THREATS/OBSCENE CALLS
10-50 M.V.A.
10-51 TOW TRUCK
10-52 AMBULANCE
10-53 ASSAULT
10-54 TRESPASSING
10-55 PARKING COMPLAINT
10-56 MISSING PERSON
10-57 ABANDONED VEHICLE
10-58 LOST/FOUND/SEIZED PROPERTY
10-59 MENTAL HEALTH ACT
10-60 SUBJECT NEGATIVE
10-61 SUBJECT HAS RECORD-NOT WANTED
10-62 SUBJECT POSSIBLY WANTED
10-63 POSITIVE HIT
10-64 PROCEED WITH CAUTION
10-65 ASSIST RE 10-64
10-66 SUBJECT UNDER OBSERVATION
10-67 SUBJECT IN PAROLEE CATEGORY
10-68 SUBJECT IN CHARGE CATEGORY
10-69 ARE YOU ALONE
10-70 DRUGS
10-71 WARRANT EXECUTION
10-72 CANINE UNIT REQUIRED
10-73 YOUTH BRANCH REQUIRED
10-74 TECHNICAL SUPPORT REQUIRED
10-75 C.I.D. REQUIRED
10-76 CORONER REQUIRED
10-77 BODY REMOVAL REQUIRED
10-78 ASSIST OFFICER-EMERGENCY
10-79 ASSIST OFFICER-OTHER
10-80 INSECURE
10-81 L.L.A. VIOLATION
10-82 ASSIST OTHER AGENCY
10-83 SUSPENDED DRIVER
10-84 BREACH OF PROBATION/PAROLE
10-85 ABDUCTION/KIDNAPPING
10-86 MVC-FATAL/PI
10-87 OFFICER INJURED
10-88 AMOURED CAR
10-89 CONTAGIOUS DISEASE
10-90 12 HOUR SUSPENSION
10-91 IMPAIRED DRIVER

10-92 PERSON IN CUSTODY
10-93 ROAD BLOCK
10-94 TRAFFIC CONTROL/ESCORT
10-95 DRIVING/TRAFFIC COMPLAINT
10-96 BYLAW COMPLAINT
10-97 ANIMAL OTHER THAN DOG
10-98 COMPASSIONATE TO LOCATE
10-99 LUNCH
10-100 BOMB THREAT

OTTAWA POLICE FORCE 10-CODES

10-1 RECIEVING POORLY
10-2 RECEIVING WELL
10-3 STOP TRANMITTING
10-4 ACKNOWLEDMENT
10-5 RELAY
10-6 BUSY - STAND BY UNLESS URGENT - OUT AVAILABLE
10-6G OUT AVAILABLE - GAS
10-6R OUT AVAILABLE - RADAR
10-7 OUT OF SERVICE
10-7C OUT OF SERVICE - COURT
10-7L OUT OF SERVICE - LUNCH
10-7S OUT OF SERVICE - STATION
10-7W OUT OF SERVICE - WASH
10-8 IN SERVICE
10-9 REPEAT LAST MESSAGE
10-10 REQUEST TO GO TO COMMON CHANNEL
10-11D DOMESTIC DISTURBANCE
10-11N NOISE DISTURBANCE
10-11O OTHER DISTURBANCE
10-11C ASSAULTS - CHILDREN UNDER 18
10-11H ASSAULTS - ON MALE BY SPOUSE
10-11W ASSAULTS - ON FEMALE BY SPOUSE
10-11F FIGHTS
10-11A ASSAULTS - ALL OTHERS
10-11S STRIKES
10-12 DRUNKENESS
10-12M DRUNK - MOBILE
10-13 DAMAGE TO PROPERTY
10-13V DAMAGE TO VEHICLE
10-14 ANIMAL COMPLAINT
10-15 SUSPICIOUS PERSONS
10-15V SUSPICIOUS VEHICLES
10-15D DRUGS
10-16 PICK UP PRISONER
10-17 FIRE OR FIRE ALARM
10-17V VEHICLE FIRE
10-18 COMPLETE ASSIGNMENT QUICKLY
10-19 RETURN TO STATION
10-20 YOUR LOCATION

10-21 CALL BY TELEPHONE
10-22 SEE COMPLAINANT
10-22A ALERT
10-22M MISSING PERSON
10-22P SEE COMPLAINANT RE FOUND PROPERTY
10-22T TRAFFIC COMPLAINT - POINT DUTY
10-22V TRANSPORTATION
10-23 INDECENT EXPOSURE
10-24 PERSON USING FIREARMS
10-24P FIREARMS - PELLET GUN
10-25 SICK OR INJURED
10-25M MENTAL PERSONS
10-26 DETAIN SUBJECT - EXPEDITE
10-27 DROWING
10-27B BOAT OVERTURNED
10-28 VEHICLE REGISTRATION INFORMATION
10-29 CHECK RECORDS FOR WANTED
10-30 IMPROPER USE OF RADIO
10-32 OBSTRUCTION - VEHICLE TO BE TOWED
10-32T VEHICLE TO BE TICKETED
10-33 EMERGENCY - CLARIFY
10-34 ALARM SIGNAL - ALL ALARM MONITORING CO.
10-34O AUDIBLE ALARM OR CAR ALARM
10-35 MAJOR CRIME ALERT
10-36 CORRECT TIME
10-37 THEFT - SHOPLIFTING
10-37F FRAUD
10-37V THEFT FROM VEHICLE
10-38 INVESTIGATION ALERT
10-39 PURSE SNATCHING
10-40 STOLEN VEHICLE
10-40R STOLEN VEHICLE - RECOVERED
10-41C BREAK-IN - COMMERCIAL
10-41R BREAK-IN - RESIDENTIAL
10-42 HOLD-UP - ROBBERY WITH VIOLENCE
10-43 SEXUAL ASSAULT
10-44 MURDER/SUICIDE
10-45 DEATH OR FATALITY
10-50 MOTOR VEHICLE ACCIDENT
10-50H MOTOR VEHICLE ACCIDENT - HIT & RUN
10-50I MOTOR VEHICLE ACCIDENT - INJURIES
10-50P MOTOR VEHICLE ACCIDENT - PROPERTY DAMAGE ONLY
10-50F MOTOR VEHICLE ACCIDENT - POLICE VEHICLE INVOLVED
10-51 TOW TRUCK NEEDED
10-52 AMBULANCE
10-60 SUBJECT IS NEGATIVE
10-61 SUSPECT HAS RECORD - NOT WANTED
10-62 SUBJECT POSSIBLY WANTED
10-63 SUBJECT WANTED - CONFIRMED HIT
10-64 PROCEED WITH CAUTION

10-65 ASSIST WITH 10-64 INDIVIDUAL
10-66 SUBJECT IN OBSERVATION CATEGORY
10-67 SUBJECT IN PAROLEE CATEGORY
10-68 SUBJECT CHARGED
10-68 SUBJECT CHARGED
10-78 OFFICER NEEDS ASSISTANCE
10-80 POSSIBLE HOSTAGE SITUATION INVOLVING OFFICER
ALL DETAILS RELAYED BY MDT ONLY
10-92 PERSONS IN CUSTODY
10-93 BLOCKADE - ROAD BLOCK
10-94 TERRORIST ATTACT
10-94 TERRORIST ATTACK, ABDUCTIONS, HOSTAGE TACKING
10-99 UPDATE STATUS
10-100 BOMB THREAT
10-100 BOMB THREAT

--
--

2306. Re: Cellphone Privacy

Newsgroup: rec.radio.scanner
Date: 1994-09-14 22:42:23 UTC
From: limpdick@delphi.com
Message-ID: <hsyz-c-.limpdick@delphi.com>
Source record: 268728

Rick Raymon Loebler <u9340203@wraith.cs.uow.edu.au> writes:

>As for Encryption, it is more trouble than its worth. In order for
>encryption do be effective the key (code) must be secret. How do you
>have a secret key and still maintain the ability to dial whoever
>you like. Encryption is Fine as long as you only want to talk to

eer here of pgp, I was talking to phil zimmerman this summer and he is
currently working on public key voice cryptography with a phone modem and
multemedia computer, the transistion to cell phone would not be too hard, this
would allow two people to coners
e with out knowing each others secret key...

2307. Re: Las Vegas freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-14 22:47:01 UTC
From: limpdick@delphi.com
Message-ID: <hO7TPo1.limpdick@delphi.com>
Source record: 268729

Ken Schmidt <kschmidt@kaiwan.com> writes:

>
>I'll be traveling to Las Vegas this week end and I thought it might be
>interesting to listen in on the casino security chatter and/or other
>thing that might be going on at the hotel.
>
>Does any one have the frequencies that might be used at the Sahara hotel?
>
>Are ther any other interesting things that I might want to listen to in
>Las Vegas ?
>

I was stayiung at the sahara for this summers def con II con ention, being a
hack/phreak oriented con, eeryone and their mother had a scanner, and freqs
were listed in the program here are some, if you want more repost here...
Sahara-469.525mhz
I will post the l.. police freqs later and the other hotel's freqs upon
request...

2308. Re: AOR and shortwave

Newsgroup: rec.radio.scanner
Date: 1994-09-14 23:07:25 UTC
From: lederman@intransit_tsc.vntsc.dot.gov
Message-ID: <1994Sep14.180725.96@bosv01>
Source record: 268770

I had an AOR 2500 for a short time, and it wasn't entirely useless on Short Wave, but it came close. Internal noise drowned out most signals.

In a side-by-side test against two Bearcat handhelds scanning VHF signals, it did very poorly. On upper UHF it picked up a lot of TV images. The attachment to prop it up when on a table kept falling off, and the first AC adapter I got didn't work.

I returned it and got my money back, and then bought an RS-2006 which has none of these problems (of course it isn't short wave, but it works much better as a scanner than the AOR).

--
B. Z. Lederman. My personal opinions.

2309. Re: What are these freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-14 23:36:10 UTC
From: smacken@aol.com
Message-ID: <3581da$n8t@search01.news.aol.com>
Source record: 268766

For the record.

Red Cross volunteers go out almost every night in the metro Boston area.
This is because a house fire is a disaster too and victims receive
assistance just as they would if a tornado hit.

Steve

And everything is free too !! amazing our contributions !! DO !! go to
something worth while.

out

2310. Re: Talknet on 948.4875??

Newsgroup: rec.radio.scanner
Date: 1994-09-14 23:40:06 UTC
From: smacken@aol.com
Message-ID: <3581km$ncb@search01.news.aol.com>
Source record: 268767

Thats a remote transmitter to studio link. Probably fairly close to you seeing as they ar low power.

The local radio station probably does not have a satellite receiver. so another party links it to them.

CHeck out your radio dial and see who is carring it and call the engineer. He may clue you in.

steve

2311. MPUSD INTERNET ADDRESS

Newsgroup: rec.radio.scanner
Date: 1994-09-14 23:58:00 UTC
From: mario.campos@nitelog.com
Message-ID: <cb.1522.2275@nitelog.com>
Source record: 268638

Subject: MPUSD INTERNET ADDRESS

TO: hebard@netcom.com

Robert,

It was nice seeing you and knowing that all is in good hands at Seaside! <g>
The address I gave was not quite correct - it is as follows:

kcohan@mpusd.k12.ca.us

The "k" as far as I can determine is the initial of John Cohan's middle name.
I will be checking around to see what else I can find out about this
development.

My wife is still teaching 2nd grade at Crumpton in Marina and she tells me
that computers were installed in many of the classrooms over the summer! I
hope they're not APPLES. She will be coming back to start school next week as
she had to take an unexpected leave before school started due to personal,
family business. I'll be checking out her computer next week sometime!

I was told that you have second period prep - maybe one of these days I'll
drop by for a few minutes of uninterrupted conversation.

Mario

mario.campos@nitelog.com Fido:1:216/303

Message written at 1:17pm, on Wednesday, September 14, 1994.

2312. MPUSD INTERNET ADDRESS

Newsgroup: rec.radio.scanner
Date: 1994-09-15 00:06:00 UTC
From: mario.campos@nitelog.com
Message-ID: <cb.1523.2275@nitelog.com>
Source record: 268635

Subject: MPUSD INTERNET ADDRESS

TO: hebard@netcom.com

Robert,

It was nice seeing you and knowing that all is in good hands at Seaside! <g>
The address I gave was not quite correct - it is as follows:

kcohan@mpusd.k12.ca.us

The "k" as far as I can determine is the initial of John Cohan's middle name.
I will be checking around to see what else I can find out about this
development.

My wife is still teaching 2nd grade at Crumpton in Marina and she tells me
that computers were installed in many of the classrooms over the summer! I
hope they're not APPLES. She will be coming back to start school next week as
she had to take an unexpected leave before school started due to personal,
family business. I'll be checking out her computer next week sometime!

I was told that you have second period prep - maybe one of these days I'll
drop by for a few minutes of uninterrupted conversation.

Mario

mario.campos@nitelog.com Fido:1:216/303

Message written at 1:17pm, on Wednesday, September 14, 1994.

2313. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 00:20:07 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep14.192007@hnrc.tufts.edu>
Source record: 268735

In article <cgwh.100.000BEFA3@chevron.com>, cgwh@chevron.com (Curtis Wheeler) writes:
> In article <353e3a$f30@search01.news.aol.com> scan911@aol.com (SCAN911) writes:

>>Communications Act of 1934. It spells out that what you overhear on the
>>airwaves (except broadcast radio and hams and another cannot be used for
>>financial gain (publication of a newspaper would be included here).
> [snip]
>>Chuck Gysi, N2DUP
^^^^^
>
> Chuck: Please tell where your information comes from regarding the disclosure
> of ham radio traffic. Hams are prohibited from broadcasting to the general
> public and their two way communications are protected by the comm act of 34
> just as part 90 users.
> Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
> KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL
^^^^^^

So who's right?

Section 705 of the Communications Act of 1934 says, "No person receiving . . .
and interstate or foreign communication by wire shall divulge or publish the
existence, contents, substance . . . This section shall not apply to . . . any
radio communication . . . transmitted by an amateur radio station or by a
citizens band operator.

2314. Re: BC2500XLT, Double or Triple Conversion?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 00:40:13 UTC
From: g9153402@huey.csun.edu
Message-ID: <35855d$f07@nic-nac.CSU.net>
Source record: 268762

Andy Domonkos (domonkos@access.digex.net) wrote:
> Is the BC2500XLT double or triple conversion. What are the IF's. I
> thought I saw a post somewhere state that it's a triple conversion receiver.
> Thanks.

> Andy

Also, is the RS-2006 double or triple?

2315. Re: Scanners Removed at RS

Newsgroup: rec.radio.scanner
Date: 1994-09-15 01:07:03 UTC
From: frankjm@sd2.af.mil
Message-ID: <1994Sep15.010703.2798@afit.af.mil>
Source record: 268684

In article <779504736@f747.n115.z1>, Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
writes:
|> -=> Quoting Robert Casey to All <=-
|>
|> RC> In article <779296974@f747.n115.z1> Jerry Smith
|> RC> <Jerry.Smith@f747.n115.z1.fidonet.org> writes: > -=> Quoting David
|> RC> Palmer to All <=- >
|> > DP> Now I hear that they are not selling any remaining 2006s.
|> > DP>
|> > DP> True?
|> >
|> > Not to my knowledge. The '2006 should still be legal until they are all
|> >sold. These were manufactured before the law kicked in and can be sold
|> >until the inventory is depleted.
|> >
|> RC> Then why did they take away the pro51's? Wern't they also made before
|> RC> the law kicked in?
|>
|>
|> Some of the units were. I guess the latest batch manufactured after
|> April of '94 were the violations. I don't understand why the '46, though.
|> Heck, there is a hardware modification for that unit.
|>
|> Jerry
|>

Because you can get in the cell range by doing 2,9,man (i think) and it
preprogrames some factory freqs in it.
The frequency it enters is around 880 mhz then you can scan up or down.

jmf

2316. 2006 squelch mod. good/bad?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 01:34:45 UTC
From: ab910@lafn.org
Message-ID: <1994Sep15.013445.1420@lafn.org>
Source record: 268761

Okay I did the other usual mods but shy away from the squelch mod due to lack of press. Anybody try it yet?

Locate R152 on main board. It's tricky to get to. Look on the bottom of the board. Got it? Remove it. Replace it with a 100k resistor. Much better hysteresis action.

Let me know the results, please.

Matthew D.

--
****
Trust No One
****

2317. Cordless phones

Newsgroup: rec.radio.scanner
Date: 1994-09-15 02:02:41 UTC
From: vonbphil@cwis.isu.edu
Message-ID: <358a01$3rg@cwis.isu.edu>
Source record: 268750

I just bought a 2006 and a RS discone antenna (last month I picked up a
Pro-51 right before they stopped selling them). I find that the 46-49mhz
range comes it scratchy. Is there a better antenna to pick up these signals?

--
Huh huh huh....brothers grunt SUCKS! huh huh huh

2318. mods please

Newsgroup: rec.radio.scanner
Date: 1994-09-15 02:21:21 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779614616@f747.n115.z1>
Source record: 268628

-=> Quoting VYANKEY13 Sep 94 19:43:07ELPHI.COM to All <=-

VY> I am looking for mods to the Uniden Bearcat Sportcat model #sc150b.

Hi, Vince...
There are no hardware mods for this unit.

Jerry

2319. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-15 02:22:34 UTC
From: price@jove.acs.unt.edu
Message-ID: <358b5a$a48@hermes.unt.edu>
Source record: 268691

Robert Sweeton (blade@crash.cts.com) wrote:
> RADIO SHACK sells some very fine products such as their line of scanners
> and Short Wave radios, however I have had many problems with sales staff

I was flat-out lied to when I had trouble with a product by some members of their "staff". Living near Ft Worth, I called their corporate HQ (Tandy Center) and explained my situation. I was polite, but firm, and got action quick. They(the HQ personel) called the store and told them what to do. I drove back and quickly had the problem solved to my satisfaction.

One footnote, when I went back to the store(30 minutes after my initial problem), the employee who was rude and false to me was no where to be seen. :)

==========
Aaron Price |
price@jove.acs.unt.edu | University of North Texas
| "Mein fuhrer! I can walk!"
==========

2320. Need to modify a BC2500XLT for cell

Newsgroup: rec.radio.scanner
Date: 1994-09-15 02:24:12 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779614617@f747.n115.z1>
Source record: 268629

-=> Quoting Paul Leet to All <=-

PL> I just purchased a BC2500xlt and I am looking to find out how
PL> to modify it for cell reception.

Hi, Paul...

Product...Uniden Bearcat 2500XLT
Purpose...Restore full 800 Mhz coverage
w/ 30 khz stepping when required.

** Disclaimer...Modifications are done at your own risk. This product uses surface mount components which make performing this mod difficult. If you are not comfortable with surface mount components, DON'T DO IT. This modification will void your warranty.

** Legal stuff...Performing this mod may enable reception of certain portions of the 800 Mhz band that is forbidden by U.S. federal law.

** Be advised that units that with date codes ending in "ID" may not be modifiable. Example...Datecode 0FID

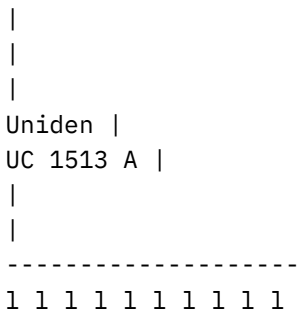
This modification is from the Sept. 1993 issue of Monitoring Times, p.94

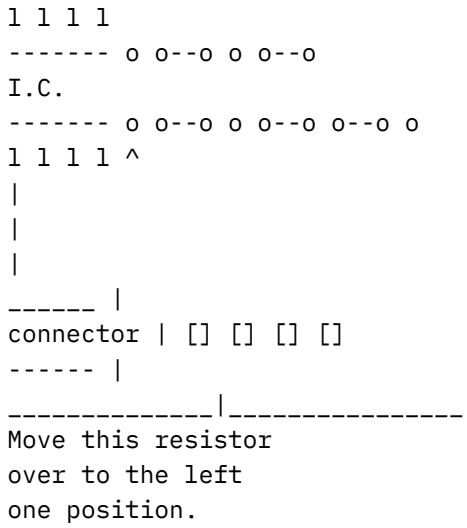
1. Remove the antenna and battery pack from the unit. Lay it on the face on a soft cloth or towel, bottom of the radio facing you.

2. Carefully pry the back loose from the radio and lift it off. Similarly, grasp the visible circuit board by the edges and carefully pull it away form the radio just far enough to separate it from the white (11 pin) Molex connector. Do not stretch the remaining ribbon connector. Lay the board alongside the radio.

3. Locate microprocessor chip "Uniden UC-1513A" and the cluster of chip resistors marked "104" below it. Using a magnifier and fine point soldering iron, unsolder the lower-left-most chip resistor and move it one place to the left, soldering it in place.

Re-assemble unit.




l l l l
------- o o--o o o--o
I.C.
------- o o--o o o--o o--o o
l l l l ^
|
|
|
______ |
connector | [] [] [] []
------ |
_____________|_____________
Move this resistor
over to the left
one position.

2321. Pro 39 and 43

Newsgroup: rec.radio.scanner
Date: 1994-09-15 02:26:53 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779614618@f747.n115.z1>
Source record: 268626

-=> Quoting Arctic Systems Inc. to All <=-

ASI> -Is the 43 worth the extra $80, or is the 39 a good deal? The case and
ASI> buttons, and connectors line up perfectly, and the specs are very
ASI> close. Methinks they may be the same rig.
ASI>
ASI> -This one doesn't have an "A" on the serial number. When I restore the
ASI> 800-900 Mhz bands, do I also get 30Khz steps (like on my 2005?).

Yes, the '43 is worth the extra bucks. The '39 is a double conversion
and will get you images of the cellular band below the actual frequency.
The '43 is a triple conversion and image problems won't be apparent. After
mod, the '43 will step the appropriate 30 khz.

Jerry...Callsign pending

2322. PRO-23

Newsgroup: rec.radio.scanner
Date: 1994-09-15 02:30:24 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779614619@f747.n115.z1>
Source record: 268632

-=> Quoting bill to All <=-

bi> I'm curious why I haven't seen any messages about this scanner
bi> here. I got a flyer from RS that had it on sale for $179. It's a 50
bi> channel hand-held with 800MHz. I called Marymac and they said they
bi> had already been recalled by Ft. Worth and didn't have any for sale.
bi> I checked a couple of local stores and they still had a few.
bi> Unfortunately, they were sold by the time I could get around to it.
bi>
bi> One of the local store mgrs did claim that he could still order them
bi> from Ft. Worth. True/false? Is it worth the effort of having him
bi> order one? Can cell be restored?

The '23 has been removed from shelves of Radio Shack. (as well as the
'46 and the '51.) Word is they are being re-worked for an 'engineering
defect'. That defect is a keyboard routine that would load test freqs into
the memory. A couple of the freqs just happened to fall into the cellular
band. By having these freqs in memory and doing a direct search, a user
could access the cellular telephone band.

The '23 is not one of the top of the line receivers from RS. The main
drawback is that it doesn't cover 30-50 Mhz range. A range that Illinois
agencies still use.

Jerry

2323. Pro43 modification report: done.

Newsgroup: rec.radio.scanner
Date: 1994-09-15 02:30:53 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779614620@f747.n115.z1>
Source record: 268633

-=> Quoting MDCRUMR Crumrine to All <=-

MC> Ok, by the good will of a fellow net traveller, I have a diode
MC> to replace my d2. Installed last nite, and it works. I now have
MC> 800, extended low range, and my original 30-54.

Congrats, Mike.

Jerry

2324. Re: Scanners Removed at RS

Newsgroup: rec.radio.scanner
Date: 1994-09-15 02:33:27 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779614621@f747.n115.z1>
Source record: 268630

-=> Quoting David Horak to All <=-

DH> In <3544ok$ijl@news1.digex.net> domonkos@access3.digex.net (Andy
DH> Domonkos) writes:
>Robert Casey (wa2ise@netcom.com) wrote:
>: >
>: Then why did they take away the pro51's? Wern't they also made before
>: the law kicked in?

>Yes they were mfr'ed before the law change. My unit has a date of 12A3
>on it. Strange, eh?
DH>
DH> Mine has an 11A3 date code! By the way, does anyone have the
DH> *HARDWARE* mod for this unit?

Hi, David...

There is no hardware mod for the '51.

Jerry

2325. Re: What are these freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-15 02:41:39 UTC
From: mtiernan@world.std.com
Message-ID: <Cw5GtF.168@world.std.com>
Source record: 268690

Bayard Coolidge USG ZKO3-3/S20 <coolidge@zk3.dec.com> wrote:
> Well, the first one, 155.475MHz., is designated by the FCC as, well,
> _the_ National Law Enforcement frequency. That is, it can be used by
> _any_ LE licensee, be they at the state, county or municipal level.

Ok, this has been in the back of my mind since I found this
freq, what's the difference between
"The_National_Law_Enforcement" frequency and the one designated
as "Intercity"? Is one, as Bayard says, for ANY LE group and
the other ONLY for Police? Is one a commie plot.... oh, sorry,
wrong group..... ;)

And thanks for the answer.
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

2326. Re: What are these freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-15 02:43:46 UTC
From: mtiernan@world.std.com
Message-ID: <Cw5Gwy.1u3@world.std.com>
Source record: 268751

SMacken <smacken@aol.com> wrote:
> For the record.
>
> Red Cross volunteers go out almost every night in the metro Boston area.
> This is because a house fire is a disaster too and victims receive
> assistance just as they would if a tornado hit.

And I can attest to this. I saw the RC pull a "lunch"-type
wagon up to a fire and begin to help everyone involved. Spent
$5.00 for a cup of coffee from them. Spent another 10minutes
trying to tell the guy that I was trying to make a donation! :)
He almost wouldn't take it from me!
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

2327. Hear the Shuttle!

Newsgroup: rec.radio.scanner
Date: 1994-09-15 02:46:01 UTC
From: btaylor@nbnet.nb.ca
Message-ID: <btaylor.86.0@nbnet.nb.ca>
Source record: 268696

Scanner users can, for the next couple of days, hear the Space Shuttle as it orbits the earth. The shuttle is talking to ham radio operators when working schedules permit. The Shuttle broadcasts on 145.550 MHz, FM.

For times it is in range check out the rec.radio.amateur.space newsgroup and download the rise and set times as posted.

Good luck!

Brent, VE1JH (just worked 'em)
FN66

2328. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 03:02:03 UTC
From: scan911@aol.com
Message-ID: <358dfb$r6k@search01.news.aol.com>
Source record: 268698

In article <cgwh.100.000BEFA3@chevron.com>, cgwh@chevron.com (Curtis Wheeler) writes:

>Chuck: Please tell where your information comes from regarding the disclosure
>of ham radio traffic. Hams are prohibited from broadcasting to the general
>public and their two way communications are protected by the comm act of 34
>just as part 90 users. This prohibits even other hams from realizing any gain
>from overheard traffic in which they are not a participant. The only
>exception would be permissable "QST"s of interest to the amateur service and
>when amateur radio is used for news reporting (only when other means are
>unavailable).
>Maybe I haven't gone deep enough into title 47 of the CFR?
>I will back the other advise you give to Sherwin.

Curtis,

The last few lines of Section 605 of the Communications Act of 1934 (the copy I have is in excess of 140 pages), exempts amateur communications and communications from ships at distress.

Chuck Gysi, N2DUP
scan911@aol.com

2329. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 03:05:04 UTC
From: scan911@aol.com
Message-ID: <358dl0$r8f@search01.news.aol.com>
Source record: 268699

For those who say print what is heard over the air .... Let me relate a story!

Once upon a time, a New Jersey township moved their operations to a new VHF high band frequency with repeater and all. I had the unfortunate luck to stumble across it because it was a frequency I monitored another town on a long ways away.

Well, one night they had a major incident and as a newspaper editor I dispatched a reporter and photographer to the scene. The officers on the scene were rather miffed that we knew about the incident! They exclaimed that they didn't see how anyone could know about it.

Well, these turkeys tried to pull one on the newspaper and staged an incident a few days later. We fell for it and sent someone out there again.

Needless to say, it was a good thing we followed protocol and sent someone out. Had we printed what happened (which no reporter will ever do under my supervision), we would have looked terribly silly.

I rest my case.

Chuck Gysi, N2DUP
scan911@aol.com
newspaper editor of 20 years......

2330. Windows Software for Opto OS456?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 05:12:13 UTC
From: robinett@cscns.com
Message-ID: <robinett.22.001634C8@cscns.com>
Source record: 268753

I just got the OS456 computer interface for my RS2006. Is there any Windows software out there to control it? The Scan*Star DOS software that came with it sucks.

Rob Robinette
Careful, I'm listening...

2331. Re: Cellphone Privacy

Newsgroup: rec.radio.scanner
Date: 1994-09-15 06:33:52 UTC
From: linley@netcom.com
Message-ID: <linleyCw5rKG.Mpp@netcom.com>
Source record: 268683

In ye olden post Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> spake...
> -=> Quoting Rick Raymon Loebler to All <=-
>
> RRL> Once digital becomes more popular, how long do you think it would
> RRL> take an enterprising Scanner manufacturer to manufacture a GSM or
> RRL> DAMPS capable scanner !!!!.
>
> While it is possible for a scanner mfr. to design and market a digital
>decoder, there would be some legal ramifications from the feds. See, the
>ECPA of 1986 made it illegal to use or market a digital to analog decoder
>for the puropose of listening to cellular phones.

So? It's illegal to sell frequency inversion descramblers, buy you see kits and articles on how to build 'em all the time. Still legal to date. Any type of cellular encryption is most likely not going to use any kind of public/private key encryption, just plain ol' digital audio. How will the new cell phones decode the digital audio? Probably with a soon to be readily available descrambler IC. Magazines will no doubt publish do-it-yourself articles on how to use this chip in your own descrambler.

Who knows, whatever digital format they use may find it's way into other products as well. I can see the ads now. The New Fischer-Price baby monitor with "CELLULAR SECURITY".

What I want to know is, since the radio community as a whole is slowly moving toward digital, will some digital transmission format be defined as "unencrypted"?

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur radio: KE6EQZ

2332. Hawaii Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-15 06:43:18 UTC
From: corrigan@aloha.com
Message-ID: <358qe6$m8k@mango.aloha.com>
Source record: 268719

Hello,

Are there any Hawaii scanner buffs out there. Looking for some
good freqs. Anyone interrested in sharing

73's

Rich

2333. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-15 07:04:50 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.779612690@vela.acs.oakland.edu>
Source record: 268720

When I bought my Pro 43 the salesmen promised me he would mail the mods but never did.I do my home work before going to RS because the info the sales people give me usually isn't reliable.

2334. Hong Kong scanner frq's wanted!

Newsgroup: rec.radio.scanner
Date: 1994-09-15 09:21:40 UTC
From: an22190@anon.penet.fi
Message-ID: <092311Z15091994@anon.penet.fi>
Source record: 268627

Hi,
I am interested in ANY Hong Kong scanner frequencies. Can anyone help?
Please e-mail if you can help.

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

2335. Re: Advice needed!

Newsgroup: rec.radio.scanner
Date: 1994-09-15 11:44:33 UTC
From: dusty@svpal.org
Message-ID: <359c31$lgk@svpal.svpal.org>
Source record: 268639

Thanks Andy,
I found a local RS here in the valley that has a supply of 2006's. I picked one up for $349.00. They have quite a few left I hear but they say they're going fast.
Dusty

2336. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-15 12:10:35 UTC
From: rfhamilton@VNET.IBM.COM
Message-ID: <19940915.062237.871@almaden.ibm.com>
Source record: 268682

In <ncschult.779612690@vela.acs.oakland.edu> N C Schultheiss writes:
>When I bought my Pro 43 the salesmen promised me he would mail the mods
>but never did.I do my home work before going to RS because the info the

I agree that many of the sales people at RS stores are misleading and
not that knowledgeable about the entire product line. But lets get real
here...Don't you get the same kind of treatment when you go into one of
those discount appliance/TV stores, or how about a car dealership. Anyone
who wants to buy a product, of any kind, without doing a little research
is asking to be taken. At least the mis-information at RS is not purpose-
ful.

Flame shields deployed and at 100 % power.
==========
Bob Hamilton | Remember..The light that you see at the end
(rfhamilton@vnet.ibm.com) | of the tunnel just might be a train !
==========

2337. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-15 12:21:45 UTC
From: mpalmer@encore.com
Message-ID: <Cw67oC.342@encore.com>
Source record: 268679

blade@crash.cts.com (Robert Sweeton) writes:

>RADIO SHACK sells some very fine products such as their line of scanners
>and Short Wave radios, however I have had many problems with sales staff
>with regard to misinformation and generally poor service. Today I drove
>some 40 miles out of my way to retrive a scanner being held for me only
>to be told that it could not be sold to me despite a conversation with
>the salesman only 45 minutes earlier. Unit in question is the PRO 51
>which has been pulled. This is just one in a series of these types of
>miscommunications. IS IT JUST ME OR HAVE OTHER PERSONS ON THIS NET HAD
>PROBLEMS? PLEASE PASS THEM ON TO ME AS I INTEND ON COMMUNICATING WITH
>THE RADIO SHACK CEO.

>ROBERT

Are you kidding? I wish I had a dollar for every Radio Shack employee through
the years who, in response to "Where can I find such & such", they respond
"we don't carry it". I patiently ask for the store copy of the catalog,
point out the item, and "Oooohh, that!" comes out. Basically they just can't
be bothered to know what a Radio Shack sells.

2338. Pro43 Speaker Noise

Newsgroup: rec.radio.scanner
Date: 1994-09-15 12:27:49 UTC
From: ron@wpi.WPI.EDU
Message-ID: <359ek5$ien@bigboote.WPI.EDU>
Source record: 268636

Hi all,

When I turn up the volume of my Pro43, I get a real tinny
resonating sound. It does not happen at low volumes.

Do you think:

1. The speaker is blown or

2. Has loosened from it's mount.

Is it easy to go inside th radio and check that which mounts the speaker
to the rest of the radio?

Is it easy to change the speaker?

I'm not to keen on going near this baby, with a soldering iron.
I worked along time to be able to afford this radio, and don't want to
destroy it.

Thanks for any advice.

2339. Re: 2006 squelch mod. good/bad?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 12:34:15 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cw6893.4ro@nntpa.cb.att.com>
Source record: 268637

In article <1994Sep15.013445.1420@lafn.org>,
Matthew Davies <ab910@lafn.org> wrote:

>Okay I did the other usual mods but shy away from the squelch mod due to
>lack of press. Anybody try it yet?
>
>**Locate R152 on main board. It's tricky to get to. Look on the bottom of
>the board. Got it? Remove it. Replace it with a 100k resistor. Much
>better hysteresis action.**
>
>Let me know the results, please.
> Matthew D.

As the originator of the PRO-2004 squelch modification, I have yet
to see a PRO-2005 or PRO-2006 which could benefit by a similar
modification. The squelch action in the two later models has
about the right amount of hysteresis, although your PRO-2006 may be
different.

Reprint follows:

IMPROVE THE SQUELCH IN YOUR MONITOR RECEIVER

by Bob Parnass, AJ9S

The squelch control in some FM monitor receivers is
difficult to use because of too much hysteresis. The
American Heritage Dictionary of the English Language
defines hysteresis as the:

o "Failure of a property changed by an external
agent to return to its original value when the
cause of the change is removed."

It's like having play in a car's steering wheel, or
backlash in a gear set. Too much hysteresis in a
squelch circuit forces one to keep the squelch at a
tighter setting, missing weaker signals when scanning
or searching. The squelch hysteresis problem was first
addressed in a 1984 article about the Radio ShackO
PRO-24 crystal controlled scanner.1

Why do engineers design these circuits with any hys-
teresis? Basically, hysteresis prevents weak signals
from "popping" the squelch open and closed rapidly,
which would be very annoying to the listener. A
squelch circuit with hysteresis requires a stronger

signal to open the squelch than it does to keep it open.

Models cursed with too much hysteresis include the Bearcat 800XLT2, Radio Shack PRO-2003, PRO-20043, and others. Don't despair, the fix is simple for most radios. Unfortunately, the Uniden/Bearcat 600XLT and 760XLT series use tiny surface mount components, which makes modification very difficult. I've successfully reduced the squelch hysteresis on other models by replacing a single resistor.

Hysteresis is usually implemented by providing feedback from the squelch gate input to output, through a resistor. The higher the resistor value, the less feedback there is, and less hysteresis. My modification involves replacing the "stock" resistor with a higher value resistor, as identified in the table below.

This article cannot provide step-by-step instructions for each radio. I always encourage radio hobbyists to purchase the service manuals for their equipment. The most useful sections of the manual are the schematics and printed circuit diagrams. Good manuals will also describe the theory of operation and alignment procedures, and contain a complete parts list.

If your radio has too much hysteresis, and is not listed in the table, study the service manual. MotorolaO MC3357 and MC3359 integrated circuits, which contain IF and squelch circuitry, are popular in scanners. In these receivers, look for the hysteresis resistor to be connected to these ICs.

NOTES:

1. The author cannot furnish modification information for other radios.

2. Don't attempt this, or any other internal modification, unless you are skilled in electronic servicing.

3. Make sure your receiver is disconnected from any power source before opening the cabinet.

TABLE 1. Squelch Hysteresis Resistor In Selected Receivers

Squelch Hysteresis Resistor In Selected Receivers			
Receiver Model	Designation	Resistor Value	Factory Comments

_____	_____
Radio Shack PRO-24	R35 33K replace with 220K.
	Located between
	pins 12 and 14
	of MC3357 (IC1)
Radio Shack PRO-2002	R197 47K try 220K.
Radio Shack PRO-2004	R148 47K remove R148
	or replace with 220K.
	On linear board,
	between pins 12 & 14
	of TK10420 (IC2)
Bearcat 220	R75 2.7M may be ok as is
Bearcat 20/20	R75 2.7M may be ok as is
Bearcat 250	R66 2.2M may be ok as is
Uniden/Bearcat 760XLT	R58 22K replace with 1M.
	Located on pin 14
	of MC3359P IC
Uniden/Bearcat 800XLT	R91 860K replace with 2.2M.
	Located on pin 14
	of MC3359P IC
Plectron P1	R81 180K may be ok as is
Plectron 700	R96 180K replace with 560K
_____	_____

---

1. "The Radio Shack PRO-24 Scanner," by Bob Parnass, excerpted in the "Technical Topics" column, RCMA Newsletter, February 1984.

2. "The Bearcat 800XLT ... an Owner's Report," by Bob Parnass, in Monitoring Times, March 1986.

3. "Product Review: The Radio Shack PRO-2004 Programmable Scanner," by Bob Parnass AJ9S, in The Radio Enthusiast, February 1987, and Monitoring Times, March 1987.

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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2340. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-15 12:42:36 UTC
From: domonkos@access3.digex.net
Message-ID: <359ffs$k6r@news1.digex.net>
Source record: 268645

Steven Jackson (jackson@longlast.cs.nyu.edu) wrote:
: |> BTW, if you bring your out-of-waranty electronics to RS to get fixed, will they
: |> try to sell you an extended warranty on the repair?

: No, they break it even more or tell you it's unrepairable.

: Once, when I had the two part radar detector, I backed down
: off of a curb and ripped the connecting wire right out of
: the back of the sensor. Took it to RS, they said that it
: was unrepairable, "but we have a wide variety of new radar
: detectors on sale for this week only!" [sweep an arm across
: the top of the glass case] They returned the parts to me,
: and I opened the sensor. It seriously looked like they
: opened the unit, removed the remaining wire from the connection
: with a flathead screwdriver, and immediately put it back in the bag
: with an "unrepairable" sticker on it.

: Then, I dropped a walkie talkie CB radio once from waist height
: perfectly landing on the corner of a stair of an escalator [ouch].
: On impact the unit turned on and the internal mic and speaker
: got stuck in a feedback loop. I had to use it without a
: microphone and I found out later the battery charger died too.
: I dropped it off, and six weeks later, after a short burst of daily
: phone calls, I got the unit back. The battery charger worked, no
: more feedback, BUT THE SQUELCH WAS NOW BROKEN. I had to suffer
: through continuous noise to hear an occasional transmission.
: Sure, before I had the external mic and the other battery
: charger. I quickly missed it's near death state. RS deemed it
: useless in not so many words.

: Stupid god forsaken rat bastards. And then they whine when we
: trash them here? >:| And then it's products like the Pro43, the Pro2006
: and the HTX-202 that keep me coming back.. I wish they wouldn't
: sway so much with their quality service.

^^

I wish I could buy direct from GRE (who makes the Pro43 and 2006). Then
we could cut out the useless middle-men (and probably get a better
price). There are a 'few' good RS people out there, but they don't
last, and get replaced by brain-dead illiterate dead-wood (I think
that covers it).

Andy

2341. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-15 12:44:23 UTC
From: domonkos@access3.digex.net
Message-ID: <359fj7$k6r@news1.digex.net>
Source record: 268642

N C Schultheiss (ncschult@vela.acs.oakland.edu) wrote:
: When I bought my Pro 43 the salesmen promised me he would mail the mods
: but never did.I do my home work before going to RS because the info the
: sales people give me usually isn't reliable.

Is Tandy on the net? Would be nice to forward our opiniions to them.
It would make nice material for their district manager meetings...

Andy

2342. Allocation of RF spectrum?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 12:50:52 UTC
From: mt@indirect.com
Message-ID: <mt.32.000CD96B@indirect.com>
Source record: 268697

Perhaps someone has this answer at their fingertips ...
I'm trying to find a table which lists the RF's allocated by the FCC.
Specifically, I'm looking for something like:

police band xxx MHz to xxx MHz
TV xxx MHz to xxx MHz
AM radio "
FM radio "
military "
aviation "

etc.

I think you get the point. If you could point me to a Net source (ftp,
gopher, www, anything), that'd be great. Thanks much in advance.

Sincerely,
Mik T.

2343. Re: McDonalds Freqs update

Newsgroup: rec.radio.scanner
Date: 1994-09-15 13:00:53 UTC
From: jcosiman@clark.net
Message-ID: <359gi5$ne3@clarknet.clark.net>
Source record: 268687

FWIW, I went to a McDonalds the other day and ordered some stuff. They forgot to put one item in the bag so I decided to drive back around through the drive up and ask for my missing item. (I figured, hell, if I wanted to get out of my truck, I would have gone in in the first place).

Anyway, as I pulled my truck back through, I heard the girl mumble to her co-worker, "Oh Christ, what does this idiot want?" This was my clue to be rude about my missing item...

Just my 2cents

Joe Tomasone (jtomason@li.net) wrote:
: In article <34u3v7$mn@blackice.winternet.com>, fever@winternet.com (Fever) says:

: Try it. You can hear some pretty innnnteresting things from time to time. Topics can include
: the girl at the window's impression of your car, why your fries are taking so long, etc.

: I would reccommend the weekends; it's invariably more fun when the teeny-boppers are running the
: show. (Specially if the other wired ones are their friends....)

--
+---+
| jcosiman@clark.net - jcosimano@his.com |
| ^^^^^^^^^^^^^^^^^^ |
| Finger for PGP public key |
+---+

2344. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-15 13:07:44 UTC
From: sean@sdg.dra.com
Message-ID: <1994Sep15.080744@sdg.dra.com>
Source record: 268680

In article <359fj7$k6r@news1.digex.net>, domonkos@access3.digex.net (Andy Domonkos) writes:
> Is Tandy on the net? Would be nice to forward our opiniions to them.
> It would make nice material for their district manager meetings...

Yep. They even read this newsgroup every once in a while.

--
Sean Donelan, Data Research Associates, Inc, St. Louis, MO
Domain: sean@dra.com, Voice: (Work) +1 314-432-1100

2345. Pro-39; All modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 13:46:13 UTC
From: domonkos@access3.digex.net
Message-ID: <359j75$kqc@news1.digex.net>
Source record: 268689

Asking for friend; are all Pro-39's modifiable? He just picked one up from RS with a date code of 12A3. I will probably do mod for him if it can be done at all. Thanks.

Andy

2346. Re: paging software

Newsgroup: rec.radio.scanner
Date: 1994-09-15 13:55:46 UTC
From: val@kuentos.guam.net
Message-ID: <1994Sep15.135546.21131@kuentos.guam.net>
Source record: 268625

Patrick Springer (lasix@netcom.com) wrote:
: Darrell Jordan (stujorda@eku.acs.eku.edu) wrote:
: : I know this really doesn't belong on this list, but I don't know
: : anyplace else to ask.
: : I beleive this has been posted before, but either I don't have it anymore,
: : or I am mistaking. Is there any software available on the internet,
: : that allows you to page someone on their beeper, that allows letters as
: : well as numbers.
: : Thanks in advance for any and all information.
: : Darrell Jordan--Stujorda@acs.eku.edu
: : BITNET Stujorda@eku.bitnet

: I have a neat little program called PAGEME. It waits for the phone to
: ring and then waits (a user specified amount) for say - 3 minutes, then
: dials your pager and puts in a number (once again, user specified).
: It doesn't use alpha characters. What it is really good for is if
: you are waiting for an important call, but can't bee there. Like when
: you play hookie from work.
: Good Luck,
: Patrick
: --
I like this idea very much if and when you finish it i will be first on
the wating list!!

Val

: Patrick Springer
: Sysop LASIX BBS
: (818)892-5477
: 4804 Laurel Canyon Blvd. #132
: Valley Village, CA. 91607
: lasix@netcom.com

2347. Re: Glen Roberts

Newsgroup: rec.radio.scanner
Date: 1994-09-15 14:13:37 UTC
From: glr@ripco.com
Message-ID: <Cw6Cuq.Ayy@rci.ripco.com>
Source record: 268685

Rusty Smith (rsmith@runcible.macc.wisc.edu) wrote:

: What does all the Glen Roberts drivel about the FBI, letters from
: lawyers and other people that attack him have to do with rec.radio.scanner ?

The FBI uses transmitters that are monitored by scanners. Letters from
lawyers have to do with Harris Corporation's "cellular scanner."

Many people seem to enjoy things more "interesting" than who transmits on
162.550 mhz (although that did generate a fair amount of response).

: --

: Rusty Smith Division of Information Technology
: rsmith@macc.wisc.edu Network Engineering Group
: rsmith@wiscmacc 1210 W. Dayton St. Rm B263
: University of Wisconsin at Madison Madison WI 53706 (608) 263-6307

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

2348. Re: What are these freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-15 14:31:38 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <359lsa$hl2@thecourier.cims.nyu.edu>
Source record: 268712

In article <Cw5GtF.168@world.std.com>, mtiernan@world.std.com writes:

|> what's the difference between
|> "The_National_Law_Enforcement" frequency and the one designated
|> as "Intercity"?

I believe the Intercity changes by state. NJ's intercity
happens to be a DE state patrol freq.

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

2349. Re: Pro43 Speaker Noise

Newsgroup: rec.radio.scanner
Date: 1994-09-15 15:00:11 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cw6F0B.636@nntpa.cb.att.com>
Source record: 268695

In article <359ek5$ien@bigboote.wpi.edu>,
Ronald B. Jabara <ron@wpi.WPI.EDU> wrote:

>When I turn up the volume of my Pro43, I get a real tinny
>resonating sound. It does not happen at low volumes.
....

I can think of two possibilities:

1) You didn't mention if you had modified the PRO-43 by removing
capacitor C341 from the audio stage. If C341 is removed, the PRO-43
audio can start to oscillate (whistle) when the volume control
is adjusted to full volume.

2) There was a batch of PRO-43s built with inadequate speakers. Sorry I
cannot tell you what serial number units are effected.

>Is it easy to change the speaker?

The speaker is glued to the plastic front panel. I was brought a
PRO-43 to repair. It worked fine when the owner first bought it,
but the speaker had become defective and the audio sounded fuzzy.

I recommended to the owner that he return the PRO-43 to Radio Shack
since it was less than 1 year old. Radio Shack replaced the speaker
under warranty.

Here is an old posting about obtaining a better PRO-43 speaker.
I think Steve Hobrecht is the original author:

|Received: from cbnewse.UUCP by ih4gp.ih.att.com (4.1/EMS-1.0.2 main.cf 1.37 10/5/93
(SMI-4.1/SVR4))
| id AA23638; Sat, 12 Feb 94 08:23:37 CST
|Date: Sat, 12 Feb 94 09:20:37 EST
|Newsgroups: rec.radio.scanner
|Path: cbnewse!cbnewsd!att-out!att-in!news.bu.edu!decwrl!decwrl!nsc!voder!steve
|Subject: New, higher power speaker mod for the Pro-43
|Message-Id: <CL32LA.G9r@voder.nsc.com>
|Summary: 200mW to 500mW Radio Shack part replacement for the Pro-43
|Sender: news@voder.nsc.com
|Nntp-Posting-Host: mega.nsc.com
|Organization: National Semiconductor, Santa Clara
|Distribution: rec.radio.scanner
|Lines: 14
|Status: RO
|
|I called the Radio Shack parts center (817) 870 5600 to ask for the price of a

|replacement speaker. I was surprised to be told by the individual
|that some of the Pro-43's had a 200mW speaker installed and that there was
|just in the last two weeks a new 500mW speaker replacement available through
|them for $11! The service manual is $6 and delivery of all is very inexpensive
|~$2. The 200mW speaker has a part number on it as #123 and the 500mW speaker
|has a part # 127.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2350. Re: pro-2006 520mhz-760mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-15 15:10:45 UTC
From: hpeach@ca.uky.edu
Message-ID: <hpeach.140.000F2DF5@ca.uky.edu>
Source record: 268702

In article <34ts1b$880@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:
>From: g9153402@huey.csun.edu (Berton Corson)
>Subject: Re: pro-2006 520mhz-760mhz
>Date: 11 Sep 1994 03:03:07 GMT

>Slow Bob in the Lower Dimensions (seltzes@iia.org) wrote:
>> Has anyone ever heard of a modification for the RS Pro-2006 that will take out
>> the 520-760 mhz hole? or can anyone recommend a scanner that doesn't have
>> such a limitation?
>> -seltzes@iia.org

>Haven't heard of any. It may be the circuitry to get this range just
>doesn't exist in the scanner. In any event, there isn't much to scan
>in that range, as far as I know, aside from UHF television stations.
>Purchasing a TV should work better in this range. Not only will you
>hear the transmissions, you'll see them too! :)

The Military is rumored to have a cellular-like communications system that
operates in this band. Also, I have specifically heard references to a
military medical frequency in the 540 MHz range.

Harold
hpeach@ca.uky.edu

2351. BGN Racing Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-15 15:19:18 UTC
From: jss@etbsun.larc.nasa.gov
Message-ID: <359olm$pjv@reznor.larc.nasa.gov>
Source record: 268655

Here is a list of the Freqs. from the Busch Grand National Series race cars. I got this list last friday night at the race in Richmond Va.

BUSCH GRAND NATIONAL SERIES (AS OF 9/10/94)

CAR
NO. FREQ.
---
0 467.925
1 461.375
2 464.1125
3 466.925 469.875
4 464.300
5 465.6625 464.325
6 464.575
7 463.3125 461.8375
8 458.6375
9 461.5875 461.5375
10 468.225
11 466.225
12 467.3625
14 464.2125 460.0875 460.125
15 462.050
16 461.7375
17 468.7625 469.3125
19 461.475
20 466.275
21 467.2125 467.0125
22 461.3375 463.475
23 463.425
24 469.5625
25 465.1652
27 468.8875 468.4625
28 466.450
29 459.1875
30 466.300
31 467.8625 465.650 462.8875
32 467.7625 466.0125
33 tba
34 462.8625 462.5375
35 468.4875
37 463.400 464.275
38 468.9375
39 463.775 464.1125
40 462.0875

41 tba
42 461.850 462.0125
43 466.6125 460.0125
44 468.5875
46 467.2375
47 468.8125
48 464.675
49 467.2375 461.1625
51 463.5875
52 467.6875
55 459.850
56 462.200
57 467.1125
58 462.200
59 461.5625
60 460.950
61 464.725
62 467.0125
63 457.575 463.7125
64 463.825
66 463.2375
67 464.9625
68 463.5375
69 462.125
71 468.2875
72 469.8125
74 460.5625
75 462.075
76 466.525
79 467.725
82 461.6125
83 462.675
84 461.025
85 461.850
86 463.3625
87 460.2375 468.8375
90 465.975
91 463.650
92 461.200 462.025
96 tba
97 465.6375
98 154.515
99 465.210
01 454.200
02 468.575 467.8625
03 463.325
04 462.675
05 462.4625
06 466.0125 466.700
08 463.8375

09 467.750

NASCAR CH. 1 464.500
NASCAR CH. 2 464.775
NASCAR CH. 3 464.900
NASCAR CH. 5 465.025
NASCAR CH. 6 463.850

MRN RADIO 454.000
TNN 455.862 455.150
455.4625 450.5875

I did not have enough time to enter the drivers names, but this should be accurate by the car number.

Happy Scanning;
Jim

********** I was lined up for glory but the tickets
** Jim Smith - PCB designer ** sold out in advance. - Neil Peart
** jss@longstreet.larc.nasa.gov ** Let's get naked and form a conga line.
********** - J. Buffett

2352. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-09-15 15:38:33 UTC
From: parnass@ihlpf.att.com
Message-ID: <Cw6GsA.6BB@nntpa.cb.att.com>
Source record: 268772
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: September 15, 1994 |

Introduction to Scanning
by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, where to get it repaired if required, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves between 49.67 and 49.99 MHz by their sensitive baby monitor intercom.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. Change is in the wind -- when existing stocks are depleted, it will be illegal for companies to | sell scanners which cover or can be easily modified to | cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have enacted laws against | listening to cordless phones, but it's currently legal to listen in most states. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend AOR brand scanners.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies

into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners almost always provide more audio than portables, and portables are usually more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band unless you live in a very rural area where this band is not used. Usage of the 800 MHz band is growing by leaps and bounds.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio specifically designed for that purpose. | Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, | although this feature isn't important to many scanner | owners.

Currently, the more popular scanners include the Uniden/Bearcat 760XLT (a/k/a 950XLT) and Radio Shack PRO-2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT) and Radio Shack PRO-43 portables.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-

801, can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be somewhat more prone to lightning strikes because they are not at "DC ground."

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Wal-Mart, K-Mart, Service Merchandise, and Circuit City sell scanners, but carry just a few models. Department stores, like Sears Roebuck and Montgomery Wards, sometimes offer scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- Marymac Distributing (Katy, TX) sells Radio Shack scanners at discount, but charges a 20% restocking fee for returned merchandise. Telephone (800)231-3680 and (713)392-0747.

- Scanner World (Albany, NY). Telephone (518)436-9606.

Beware of inflated "shipping and handling" charges and be sure to include these when comparison shopping.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, | garage sales, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

KD4MOJ maintains a scanner modification server for people without FTP access. You can request a list of scanner modifications by sending electronic mail with the words GET INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove Enterprises for about $25. This single edition contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more

sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. It will likely disappoint experienced scanner hobbyists and is better suited for beginners. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The DOS access software is somewhat difficult to use and the frequencies are displayed with annoying leading zeroes.

Grove enterprises sells FCC license information on floppy disks. Disks for each state are sold separately, and the information is basically the same as the FCC "state sort," i.e., transmitter location (state/city), callsign, licensee

name, and type of license. Some hobbyists find Grove's DOS | access software is easier to use than the PerCon CDROM | access software. |

About 15% of the FCC licenses, including many fast food | restaurants, contain transmitter latitude and longitude but | specify no transmitter city. To determine the location of | those transmitters requires using the latitude and | longitude information. |

I developed a process which produces a color map of FCC | licensed and selected FAA transmitter sites in an area, | given a center location (latitude/longitude) and a range | (in miles). I call this new innovation a RadioMap. It | allows you to identify antenna sites (including paging and | cellular phone cell sites) and visualize the transmitter | locations in your neighborhood, near your office, at an | airport, and other places of interest -- from VLF through | microwave. Streets, rivers, and ham radio stations are not | shown as they would clutter the RadioMap. RadioMap | includes key sheets which list frequencies, callsigns, and | licensee names. In rural areas, ranges of up to 10 miles | are possible, while ranges of 1/2 to 2 miles produce best | results in urban cities. |

Currently, I can produce custom color 8-1/2" by 11" | RadioMaps, suitable for framing or laminating, only for | areas in Illinois, Indiana, Wisconsin, Michigan, and New | York. Send $17 for each color RadioMap, your name, | address, and telephone number, along with center location | (lat/long or nearest intersection of 2 streets) to: Bob | Parnass, 2350 Douglas Road, Oswego, IL 60543.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the

immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded, attenuating cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,

Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. Rick Christian advises these strict rules for the AOSCNet Scanner Radio Echo (as of 2/1/94):

1. No discussion of cellular modifications or discussions on how to monitor cellular transmission.
2. No discussions on topics which would violate the ECPA '84, TDDRA '93, (18 USCA 2510 et seq.) or Communications Act 1934 & 1984 as amended (47 USCA 705), i.e., decoding/reception of paging, cellular, encrypted stuff, descrambling etc..
3. No Aliases.
4. No discussion of Shortwave or Amateur Radio material (except SAREX).

For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is the foremost club for scanner radio hobbyists in the northern Illinois area. CARMA was formed from the Chicago chapter of the Radio Communications Monitoring Association (RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays at area restaurants, about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about 4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members sometimes sell radio equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year subscription is available by mailing a $10 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Many CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for the remainder of 1994. All meetings will be held on Saturdays at the Destiny Restaurant, 1440 Rand Road, Des Plaines, IL:

October 15
December 10

Bring a notebook and your appetite.
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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2353. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-15 15:38:40 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <359pq0$ic8@thecourier.cims.nyu.edu>
Source record: 268714

In the same session that prompted my "stupid salesdroid tricks"
thread, the guy finally wanted me out of his face, and while
asking him about mobile powering options, I showed him
a lighter adapter I have whose plug fits into the HTX202.
When I prompted him about the suitability of a 250VA
fuse, he replied, "yeah, sure, that should be just fine..
have a good day."

So, my question is, what kind of fuse should I put in there?
I've been using that assembly to power my 2005 and haven't
had any problems at all. Can I use that on my HT and
stop charging batteries all the time? or should I switch
back to a 2A fuse for that feed?

Thanks-- steve.
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

2354. How to Find Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-15 15:42:10 UTC
From: parnass@ihlpf.att.com
Message-ID: <Cw6GyB.6E7@nntpa.cb.att.com>
Source record: 268773
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed September 15, 1994 |

HOW DO YOU FIND THESE SCANNER FREQUENCIES?

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

I am often asked, "How do you find these frequencies?" Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books

The most convenient source of fire and police frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores for under $10. Police Call is basically a computer printout of FCC license information in the fire, police, local government, and conservation services in two lists: by licensee name within state, and by frequency. Later editions have included a few pages of local airport and nonsensitive federal government frequencies.

I highly recommend Richard Barnett's 1992 book, Monitor America, published by Scanner Master Corp., and available from Grove Enterprises for about $25. This second edition is crammed full of police, fire, local government, news media, sports, national park, and commercial broadcast frequencies for all 50 states. The information was compiled mainly from members of the world's largest scanning club, the Radio Communications Monitoring Association (RCMA). Monitor America contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.

Beyond Police Call, available from several sources including Radio Shack, covers the business, schools, and other stations not covered by Police Call, its sister publication. One volume covers the entire USA, but no call signs are shown.

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide. The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $20. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is the best book in print for this difficult to obtain information.

A more accurate, but smaller and less comprehensive book is Midwest Federal Frequency Directory. It was published in 1986, and copies are getting scarce. Copies may still be available for $10 from Scan America.

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells the information on PC floppy disks for each state instead.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The DOS access software is somewhat difficult to use and the frequencies are displayed with annoying leading zeroes.

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me. |

About 15% of the FCC licenses, including many fast food | restaurants, contain transmitter latitude and longitude but | specify no transmitter city. To determine the location of | those transmitters requires using the latitude and | longitude information. |

I developed a process which produces a color map of FCC | licensed and selected FAA transmitter sites in an area, | given a center location (latitude/longitude) and a range | (in miles). I call this new innovation a RadioMap. It | allows you to identify antenna sites (including paging and | cellular phone cell sites) and visualize the transmitter | locations in your neighborhood, near your office, at an | airport, and other places of interest -- from VLF through | microwave. Streets, rivers, and ham radio stations are not | shown as they would clutter the RadioMap. RadioMap | includes key sheets which list frequencies, callsigns, and | licensee names. In rural areas, ranges of up to 10 miles |

are possible, while ranges of 1/2 to 2 miles produce best | results in urban cities. |

Currently, I can produce custom color 8-1/2" by 11" | RadioMaps, suitable for framing or laminating, only for | areas in Illinois, Indiana, Wisconsin, Michigan, and New | York. Send $17 for each color RadioMap, your name, | address, and telephone number, along with center location | (lat/long or nearest intersection of 2 streets) to: Bob | Parnass, 2350 Douglas Road, Oswego, IL 60543.

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)1. Only 12 of the 21 information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau", indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'2.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information is marked 'unclassified', but all fields are furnished, including some which indicate security related usage. Grove sold this set of 33 microfiche cards for about $13.

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

Since the early 1960s, I had been an amateur radio operator, and belonged to amateur radio clubs, but I never realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular

meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road
Springfield, OH 45503

Do Your Own Sleuthing

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

More about sleuthing will be discussed in Part II of this article.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

Part I of this series discussed how scanner enthusiasts can obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of

information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

What Makes Station Identification Difficult?

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters. Police and fire departments, especially those with trained radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army

Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information.

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find Dymo or P-Touch tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I examined a military manpack radio being used by dispensary paramedics. The radio's tuning dial was set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored personnel carriers at the local county fair, each equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM radio had a set of channel select pushbuttons, much like those in a car radio. I asked a guardsman a few questions about the radio, and he demonstrated the

channel preset feature. A panel above the channel pushbuttons was labeled with the frequencies: 32.055, 34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at the Marseilles armory "open house". The public was permitted to climb aboard, and observe the instrumentation and radio gear. A channel plate on the instrument cluster listed over a dozen frequencies.

Hobbyists are urged to exercise a modicum of restraint and good judgement. In New Jersey, a radio technician/hobbyist called to service a transmitter in a county building, noticed a new unattended repeater installation in the same room. Being curious about what frequency this repeater was on, he opened the access door to copy the frequencies from the radio's crystals. It turns out that this radio belonged to the US Secret Service, and opening the access door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's permission to tamper with that equipment.

Another source of frequency information is as close as your nearest Radio Shack store. Some Radio Shack stores make a local frequency list available to assist their scanner customers. Be sure to ask. Stores located in shopping malls almost always know the mall security frequencies. I often check the frequencies programmed into the floor model scanners, too.

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

How Can I Determine To Whom I'm
Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot easier for me, and legal for them! (one may use FCC license microfiche, described in Part I of this article, to identify stations using call letters.) Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls. A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center (XYZ is a pseudonym for the actual licensee name.)
Lisle, Illinois

I watched the driver pick up a microphone, and listened to him on my portable scanner checking back with his "base".

All the pieces fit: the "guests", the "classes", the "instructors". Mystery solved; I had been monitoring the

customer training center for a large computer manufacturer. The training center has hotel rooms and dining facilities to accommodate students from out of state. As a convenience, shuttle van service is provided to local shopping malls.

Summary

Through books, government records, and radio clubs, scanner listeners can make use of frequency information compiled by others. Two-way radio users often fail to identify their transmissions properly, making it more difficult for listeners to know who they are monitoring. By examining radio equipment labeling, and monitoring and taping transmissions, scanner enthusiasts can unearth new information.

Addresses

Grove Enterprises,
PO Box 98,
140 Dog Branch Road,
Brasstown, NC 28902.
tel (704)837-9200

Official Scanner Guide,
PO Box 712,
Londonderry, NH 03053.

Scan America,
430 Garner Drive,
Suffield, OH 44260-1557

Scanner Master,
PO Box 428,
Newton Highlands, MA 02161.
telephone 1-800-722-6701.

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1. See "The Government Giveth, the Government Taketh Away", by Richard Prelinger, in Monitoring Times, July 1982.

2. See "AFIO and the FOIA", by Bob Grove, in Monitoring Times, September 1982.
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2355. Buying a Used Scanner Radio

Newsgroup: rec.radio.scanner
Date: 1994-09-15 15:43:44 UTC
From: parnass@ihlpf.att.com
Message-ID: <Cw6H0x.6FL@nntpa.cb.att.com>
Source record: 268774
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed September 12, 1994 |

BUYING A USED SCANNER RADIO

by Bob Parnass, AJ9S

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Anybody with enough money can buy a brand new scanner, but you can save lots of money if you get a good deal on a used scanner. Hamfests are probably the best place to find used radios, but you must be familiar with the equipment. Hamfests are repleat with older radios you won't see in today's catalogs.

At last count, there were over 70 scanners and monitor receivers of various brands in my collection. I purchase most of my receivers at hamfests or horsetrade with other radio hobbyists. This article describes a few of the FM receivers in my collection, and is not meant to be complete.

A Used Scanner May be a Broken Scanner

Getting a bargain is not without some risk. I have had sellers look me square in the eye and tell me their radio worked fine -- when it really didn't.

Buying a used portable scanner is riskier than buying a mobile or base model. Portable scanners are subject to more physical abuse and many have been dropped. If a radio has been dropped, the laws of probability dictate that the first point of impact was probably a corner, so be sure to examine each corner for evidence of trauma.

Scanners used in mobile service are subject to vibration, dust, and temperature extremes. This shouldn't dissuade you from buying a used mobile scanner, but be aware of possible complications.

You should have some recourse if the radio you buy turns out to be defective.

If you can't fix the radio yourself, you can pay to have the manufacturer or a service clinic repair it for you. Several people have been pleased with Electronic Repair Center, in Franklin Park, IL, which repairs scanners for a flat fee. Call them at (708)455-5105 to find out their current rates. G & G Communications (telephone 716-768-8151) is another scanner repair company. This family owned company repairs scanners and stocks parts for several older models. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Evolution of the Scanner

It helps to understand some scanner history before shopping for a used scanner. You will likely see radios from many vintages at a hamfest, and should avoid buying early units unless you are a scanner collector.

One of the earliest ancestors to the scanner was the converter. Manufactured by Tompkins (Tuneaverter), Petersen, Bearcat (Lil Tiger), Midland, and others, converters were made to operate in conjunction with AM radios. Then came wide band monitor receivers, in both tunable and crystal control models, like the Radio Shack PRO-2B. Truthfully, converters and tuneable FM receivers are interesting but don't work well by today's standards.

While tuneable receivers were in vogue, solid state technologies supplanted tubes. Better performing, narrow band crystal controlled units, like the Sonar FR-105, followed. These units did not scan, rather channel selection was accomplished using a simple rotary switch. Sonar even made a 24 channel unit, model FR-2513, in which crystals were held in a rotary "turret."

The earliest scanners, like the 1968 vintage Bearcat BCH, | BCL, and BCU models, did not provide individual channel | lockout capability. Electra didn't use the term "scanner" | and instead called these innovative radios "business | receivers." Other models, like the SBE Sentinel, employed | a "Channel 1 Bypass" switch so a user could lockout channel 1.

The first scanners came in single band models, followed by multiband models. As two-way radio users started to populate the 450 - 470 MHz band, consumers were forced to pay a premium for UHF scanner coverage. Some multiband scanners, like the Electra's Bearcat III, required an optional circuit board for each band.

There were scanner mutations, designs which never evolved -- odd combinations of AM broadcast receivers with VHF-FM receive capability, like the flamboyant turquoise Sonar

Sentry FR-103 portables, Electra's Jolly Roger, and GE's Surveyor series. Lafayette Radio Electronics offered a few CB transceivers with VHF receiver capability. These poor performers didn't interest consumers of that era and you should avoid these models unless you are a scanner collector.

The first programmable (crystal-less) scanners were difficult to program. Users had to look up frequencies in a code book and tediously program the information into the scanner in binary form. Some models, like the Bearcat BC-101, Radio Shack COMP 100, and Tennelec MCP-1, resembled Altair or PDP-8 computers, with a row of 16 or so toggle switches. Instead of toggle switches, the Regency WHAMO-10 was programmed by breaking teeth from metal combs. The SBE Optiscan (and its Sears clone) required poking a series of holes in plastic cards which were then inserted into a slot on the front panel.

Keyboard Programmable Scanners

Both Bearcat and Regency, as well as Radio Shack offer some good models. I would avoid the Bearcat 100, and scanners made by AOR, JIL, Fox, Tennelec, and Robyn.

Scanner features often differ not only by model but by manufacturer. For instance, most Radio Shack and Bearcat programmables allow enable/disable of the delay function on a per-channel basis. Older Regency units permit the delay to be enabled/disabled only globally, that is, for all the channels at one time.

Radio Shack scanners contain a reasonable number of features. All the older Radio Shack scanners were made by General Research Electronics (GRE). Uniden began making scanner models for Radio Shack in the late 1980s, and now supplies about half the Radio Shack scanners. The older GRE-made models scan a bit slowly and have a higher level of synthesizer noise. Most have too much hysteresis in the operation of the squelch control, but this can be fixed completely by replacing one resistor. Good, detailed shop manuals are available for Radio Shack units for $5 - $12.

In the name of cost cutting, some models have done away with the concept of a "channel bank", i.e. the ability to select/deselect a group of channels at a time. The bank concept was a good one. It may be inconvenient to operate a 30 channel scanner without banks (e.g. Regency MX3000, HX1000) if you operate the way many scanner hobbyists do.

If you want to buy an American-made scanner, you will have to buy an old model. A few years ago, the Regency and

Bearcat scanner lines were purchased by Uniden, a Japanese company, and production was moved to Asia.

My favorite VHF/UHF receivers are the 300 channel Radio Shack PRO-2004, the newer 400 channel PRO-2005 and PRO-2006, and the ICOM R7000 and R7100. The ICOM models are more "communications receiver" than a conventional scanner.

Other favorites include the Bearcat 300 and 760XLT, Regency M400, and the Regency K500 (predates the M400), all of which include a "service search" feature.

For portable use, I prefer the Radio Shack PRO-43 and Uniden/Bearcat 200XLT.

Obtaining Crystals

If you do purchase a crystal controlled scanner or monitor receiver, you will probably want to buy more crystals to cover local frequencies.

Scanner crystals may be ordered from your local Radio Shack store or from one of the companies below. Be sure to specify the operating frequency you want and the brand and model of scanner.

Some companies may ask you to send a schematic of the scanner or require more detailed information, like series or parallel resonance, load capacitance, etc.

American Crystal Co.
1623 Central Ave.
Kansas City, KS 66102
tel. 913-342-5493

Bomar Crystal Company
201 Blackford Ave.
Middlesex, NJ 08846
tel. 908-356-7787

Cal Crystal Lab Inc.
1142 N. Gilbert St.
Anaheim, CA 92801
tel. 714-991-1580

International Crystal Mfg Co.
11 N. Lee Ave
Oklahoma City, OK 73102
tel. 405-236-3741

Jan Crystals
Box #-6017
Fort Myers, FL 33911
tel. 813-936-2397

Monitor Crystal Svc
124 W Walnut St Watseka, IL 60970
tel. 815-432-5296

ICOM

R-7000: At about $1000, this was once the top VHF/UHF receiver. 99 channel, multi mode coverage from 25-2000 MHz with a small gap at 1000-1025 MHz. Memory can be expanded to 198 channels by adding simple switch to pin 19 of memory IC8. Tuning knob lets you tune through parts of the spectrum much easier than using the SEARCH mode on conventional scanners. Selectable USB/LSB allows reception of new amplitude compandored sideband (ACSB) stations. S-meter doubles as discriminator meter to aid tuning. Useful search and store feature, reminiscent of the the Bearcat 250, searches between 2 limits and automatically stores new frequencies into channels 80-99. Audio and control interface for tape recorder. Noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Searches and scans slowly but can be sped up to about 12 cps by adding a resistor. Too big for permanent mobile use, but too nice to leave alone in the car. If you don't want to spend $1000, get a Radio Shack PRO-2004/5/6 instead.

R-7100: At about $1300, this is the Cadillac of VHF/UHF receivers. 900 channel, multi mode continuous coverage from 25-2000 MHz. The radio RF/IF/AF portions of the R7100 are similar to the older R7000, but the R7100 is constructed using surface mount parts. Both the R7000 and R7100 are much more immune to intermod than the Uniden/Bearcat 760XLT and the portable PRO-43. The firmware in the R7100 is much more sophisticated. 9 banks of 100 channels. Further, you can associate each channel with 1 of 10 groups. Many possible ways to scan. 10 pairs of search limits. Search and store ("memory write") scan mode lets you store 100 frequencies instead of the 20 in R7000. Another R7100 improvement is that you can program up to 100 channels for the R7100 to skip while searching. R7100 has 2 VFOs ("windows"). Both the R7000 and R7100 scan slowly compared with PRO-2004 and PRO-2006, and that's a drawback. Both the R7100 and R7000 employ a noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Scanning a mixture of VHF and UHF frequencies serenades the Icom user with a very annoying clickety-clack, clickety-clack!

UNIDEN/Bearcat and Electra/Bearcat

Bearcat III (Electra): 8 channel crystal controlled scanner. Requires optional front-end circuit board for VHF-low, VHF-high, and UHF bands, but only 2 boards can be

installed within the radio at the same time. Two crystal filters. No aircraft band coverage nor rescan delay. Front mount speaker sounds good. Strong local oscillator radiation often causes interference with other scanners in the same house.

Bearcat IV (Electra): 8 channel crystal controlled scanner. Newer version of Bearcat III but has better IF filtering and contains front-end circuitry for VHF-low, VHF-high, and UHF bands. No aircraft band coverage. Three crystal filters. Front mount speaker sounds good. No rescan delay.

Bearcat 12 (Electra): One of the last decent crystal controlled scanners. 10 channels. Variable scan speed up to 20 ch/sec. Single delay on/off switch. Front mount speaker sounds good. Manual contains schematic. Selectivity is poorer than programmable models, like the 300, allowing adjacent channel interference. Covers VHF-low, VHF-high, and UHF bands but no aircraft band coverage. Crystal positions must be arranged by band.

BC101 (Electra): First Bearcat synthesized unit. 16 channels, no priority. Frequency programmed in binary by setting toggle switches on front panel after looking up code in code book. No frequency readout. Uses custom IC for CPU, now discontinued, so factory authorized service is no longer available. I have four of these units. DC operation requires optional mobile power supply.

BC100 (Electra): First programmable portable scanner. Be prepared for at least one repair in the first year. Early units, with threaded antenna connector, have high frequency of repair, particularly LCD readout, keyboard, and battery holder. No battery backup. Poor case design in early units caused battery to disconnect from radio, resetting microprocessor and clearing memories. No priority channel or aircraft band. Some people swear by the BC100, others swear at them.

BC220 (Electra): 20 channels. Reasonable number of features but 20 channels doesn't seem enough. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC20/20 (Electra): A BC220 but with 40 channels. A maximum of 20 channels can be scanned at one time. Reasonable number of features. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC250 (Electra): 50 channel model, rich in features, but lacks aircraft band and 144-146 MHz. Search and Store

feature extremely useful for finding federal frequencies. Clock. High frequency of repair. Power transistors not heat sinked adequately, causing heat damage to surrounding components and circuit board. Failure of Q204 on the feature board known to cause odd display readings. Digital circuitry very sensitive to glitches caused by static and AC line spikes. Avoid 1978 or earlier vintage units. All BC250s use custom ICs (e.g., IC6, a divider chip, mfd. by Exar), which are now discontinued, so factory service is no longer available from Uniden.

BC260 (Electra): Super heavy duty metal cabinetry and lit controls, aimed at mobile use for firemen, police, etc. Few frills, only 16 channels, no aircraft, but generous coverage of federal bands omitted in the older Bearcat scanners. Good sensitivity. Lots of audio. Good internal construction. Backlit keyboard allows operation in the dark, but the keyboards on some units require high pressure to operate. Brightness control for display and keyboard, but multiplexor circuitry for vacuum fluorescent display produces audible whine which may be annoying in a quiet room. Backlighting may fail in some units due to poor contact on connector used to fasten light panel to front circuit board. 9 volt regulator transistor Q28 (TIP29) may fail, causing blank display while leaving audio intact. Method of connecting an external speaker is awkward.

BC300 (Electra): 50 channel top of the line scanner. Service Search feature contains 11 ROM banks of preprogrammed channels. Switching power supply failure noted in early units due to insufficient capacitance - component value was changed in newer units. Schematics show at least 100 components changed between earliest and later units. Preset squelch pot, mounted internally on circuit board, misadjusted in new units - adjustment usually required after burn-in period. Good sensitivity. Built in clock. I leave it on 24 hours a day. This is a favorite.

BC350 (Electra): 50 channels in 5 banks. Includes aircraft. Used to be Bearcat's top of the line, overpriced scanner but never very popular. Dual use keyboard and display allowed 8 text characters to be associated with each channel, a feature clumsily implemented, and awkward to use. Units plagued with various hardware problems including bad memory ICs and short life power transformers. Firmware bugs without cures. The BC300 is a much better scanner than the BC350, and at a lower price.

800XLT (Uniden): 40 channels in two banks. Covers 806-912 MHz, as well as of vhf, uhf, and aircraft bands. Receives

10 meter fm and all of 6 meters, as well as federal portions of vhf and uhf bands. Fewer birdies on vhf-lo band than other scanners. Scans and searches very fast. Clean, robust audio output. Extremely sensitive, but very prone to overload by strong signals when connected to outdoor antenna. Too much play (hysteresis) in squelch adjustment - can be improved by changing one resistor. Positive terminal in memory backup battery holder installed backwards in early units, allowing memory loss when scanner unplugged from AC outlet. Tunes in increments of 12.5 KHz on 800 MHz band, whereas cellular telephones are on 30 KHz channels.

BC100XLT (Uniden): Excellent 100 channel portable with 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Generous coverage of conventional bands, including commercial aircraft, but no 800 MHz. Decent leather-like case. Slide-on 550 mAH NiCd battery pack.

BC200XLT (Uniden): Excellent 200 channel version of BC100XLT portable scanner but includes 800 MHz band. 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Decent leather-like case. Slide-on NiCd battery pack.

Regency

TMR series: First generation crystal scanners. Come in all varieties of band coverage. Models with both UHF and VHF bands must use separate antennas for each band (disadvantage in mobile installations, but can be overcome by connecting two front ends via a capacitor). Not sensitive enough to cover the entire 30 - 50 MHz range in a single model. There three versions of VHF-low band coverage depending on the part of the 30 - 50 MHz band covered (LL, LM. and LH). TMR scanners use unsocketed incandescent bulbs for channel indicators which require periodic replacement. Easy to crystal: Radio Shack crystals work well. TMRs usually $2 and up at hamfests, often in poor condition. Don't pay more than $50, even if mint. Front ends must be tuned for selected portions within the bands for best sensitivity. Wide IF selectivity troublesome in urban/suburban areas. Primitive digital scanning circuitry may become confused at times. but power off/on restores sanity. Replace aging capacitors in the scanning circuits. You can find a TMR8H eight channel high band unit most often.

TME series: The base versions of the TMR models. Both the TME and TMR models share many common circuits but the base versions contain speakers mounted on the front panel. The

most common TME model is the TME8 H/LM eight channel dual band scanner in a metal cabinet with wood coloring.

ACTR series: Replaced the Regency TMR units. By the time Regency made the ACTR units, they no longer offered different models for different parts of the 30 - 50 MHz band. Look for the later ACT series, e.g., ACTR-106 (10 channel tri band) or ACTR20/6 (20 channel tri band), used light emitting diodes for channel indicators instead of incandescent bulbs. Available in 1 to 20 channel models - most are multi band receivers. Somewhat wide selectivity. Not all that bad a deal if cheap.

ACTE series: The base versions of the ACTR series. The ACTE and ACTR circuitry is similar, although the base versions contain speakers mounted on the front panel. The most common ACTE model is the ACTE8 H/L eight channel dual band scanner in a black metal cabinet.

WHAMO-10: Regency's first synthesized scanner. Appearance more like a crystal scanner, with a single LED per channel. User has to break off teeth on a metal 'comb' for each channel according to a code book. External frequency control unit DFS-5K optional. UHF VCO reference oscillator drifts on some units. Soldered sheet metal shields around some circuitry make access to some components difficult for servicing. Comb sockets prone to bad connections after moderate use. Not recommended due to maintenance difficulties.

K500: Nice wood-like cabinet. 40 channel model with every feature Regency could dream of in one scanner, except aircraft band. Idle tone bypass feature for mobile phone stations works about 50% of the time. Weather alert feature. Service Search in several banks. Search and Store facility not implemented as well as BC250, but better than none. Built in clock when radio off or in manual mode. Can be programmed out of band. Reasonable performance, but sensitivity could be better. Spring contacts on membrane keyboard may need soldering after prolonged use.

K100: Bare bones version of the K500. 10 channels, no priority feature. Same wood-like cabinet and reasonable performance as K500. Spring contacts on membrane keyboard may need soldering after prolonged use.

M400: 30 channel replacement for K500. Service Search, but no aircraft. Easily programmable out of band. Built in clock when radio off or in manual mode. Backlit keyboard good for night viewing and mobile use but generates RFI into nearby SW receivers. A favorite.

MX3000: 30 channel replacement for M400, but basic features only. Nice lit keyboard, but may cause RFI into nearby SW receivers. Easily programmable out of band, but no aircraft. All 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Good first scanner.

M100: 10 channel unit. Same as MX3000 except different color and fewer channels. Nicely lit keyboard, but may cause RFI into nearby SW receivers.

HX1000: Good, fairly rugged, 30 channel handheld synthesized unit. Generous out of band coverage but no AM aircraft coverage. Built by Azden. Very sensitive on UHF, but annoying audio hiss leaks through speaker when squelched. Belt clip chintzy, but can be directly replaced with better clip from Kenwood TR2600A. Like the MX3000, all 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Low discount price makes this best choice for programmable portable.

HX650/H604: 6 channel crystal portable. Likely made by Sanyo. Same as Fannon and Bearcat Thin Scan units, (except that Bearcat has 10.8 MHz IF frequency, and is harder to get crystals for), but scans faster. Small size and common crystals (available at Radio Shack), make this 1st choice for bare bones portable scanner.

Radio Shack

PRO2004: Top of the line, wide band scanner for 1987. After a diode is cut, enjoy continuous coverage from 25-520 and 760-1300 MHz, AM, NBFM, and WBFM. Has 300 channels in 10 banks of 30, backed up by conventional 9 volt alkaline battery. Any channel can be designated the priority channel. Scans and searches fast. Lots of well designed features, like 10 pairs of search limits, Lockout Review, default search increment and emission mode. Sound Squelch allows skipping dead carriers during search or scan. Metal cabinet, good internal construction and shielding, but no mobile mounting bracket or DC power cord. Soft touch membrane keyboard. Good sensitivity and selectivity. Very good radio.

PRO2005: Radio Shack's top of the line scanner for 1989 and scanner of choice. Essentially a size reduced PRO-2004 with surface mount components and 400 channels. Some people think the small knobs, smaller display, and plastic cabinet are a setback from the 2004. The smaller size, real rubber keyboard, and vertical front panel make it easer to use mobile, although there is no mobile mounting bracket available and the keyboard is not backlit. More

sensitive than the PRO-2004 but 800 MHz signals leak through into the commercial aero band. Highly recommended.

PRO2006: Radio Shack's 1994 top of the line scanner. Essentially the same as PRO-2005 but scans faster. Probably the best scanner made to date. Highly recommended.

PRO34: Portable scanner with 200 channels and 800 MHz coverage. Ten "monitor" channels. Operates from AA cells. Slow scanning, low audio output, and chintzy plastic case detract from an otherwise good performance. No decent leather case available from Radio Shack. If you need a portable with 800 MHz, get a Bearcat 200XLT. If you can't get a 200XLT, get a PRO-34.

PRO2021: Base/mobile scanner. 200 channels in 10 banks, LCD display and raised rubber keys. Lots of memory but scans too slowly and lacks 800 MHz. Ten "monitor" channels. Radio Shack seemed to have an overstock of 2021s as they were on sale for such a long time. Close out price dipped to about $200, which made it a nice scanner for beginners.

PRO2001: Early, single bank 16 channel programmable. Reasonable coverage of the 3 traditional bands, minus aircraft band. LED digital display as well as an LED per channel. Mechanical lockout switch for each channel. Delay is either on or off for all channels at a time. High synthesizer noise level. Troublesome plated through holes on digital board in some units renders radio virtually unfixable. Could never get mine to work more than a few days in a row; always another bad connection. Some owners have no trouble.

PRO52: 8 channel VHF-Lo/Hi base unit. No UHF band or provision for mobile operation. Good little scanner despite limited frequency coverage and Spartan lack of frills. Crisp squelch action and good audio, helped by a front mounted, vertical speaker.

PRO2003: Radio Shack's 1986 top of line. 50 channels + 10 FM commercial broadcast band channels. Includes aircraft. Good frequency coverage and functionality, but at a high price. Poor human engineering: difficult to read keyboard makes the PRO2003 hard to operate unless in a well lit room. Keyboard label coloring improved on newer units. Rather slow scan rate and high price. Although there are provisions for 12VDC operation, the cabinet shape and lack of mounting bracket makes mobile operation impractical. Scan rate only 8 channels/sec vs. 15/sec in Regency and Bearcat. Causes RFI: Plastic case permits scanner to

radiate signals into nearby receivers.

PRO30: 16 channel programmable portable with aircraft band. Good frequency coverage. Extra controls on top allow control of SCAN, MANUAL, and PRIORITY functions while worn on belt. Good belt clip. Low audio output. Plastic case prone to break at BNC antenna connector under severe use, vs. metal frame in Regency HX1000. High price, no discounts or sales yet. I had 6 or 7 PRO30s, having to return them several times during the 1 year warranty, although other owners have had little or no trouble. Troubles included oscillation in IF stage, no UHF band reception, case broken around base of antenna connector, etc.

PRO24: Only 4 channels in this crystal controlled portable. Covers the three basic bands, but no aircraft. Easy to obtain batteries and crystals. Characteristic Radio Shack squelch problem, fixable by changing one resistor. All-plastic case larger than Bearcat Thin Scan and clones.

Craig (division of Pioneer)

4530: Japanese 10 channel crystal controlled 3 band unit. Also available under Plectron name but in different cabinet. No aircraft band. Deluxe features like priority, trimmer capacitors for netting each channel, front panel speaker, and rugged metal cabinet make this unit a winner. Channel lockout slide switches have finite life. Replacing burned out incandescent channel lamps not fun. Grab a 4530 if you find one in good condition.

Sonar:

Sonar made several crystal controlled scanners and channelized monitor receivers which shared the same RF circuitry. Each radio was housed in the same size metal case and worked on both 120 VAC and 12 VDC. The models differed in the number of channels, the band coverage, and whether individual channels could be locked out.

Although they used a 10.7 MHz first IF, Sonar radios require parallel resonant crystals different from the common series resonant crystals used in Regency and Radio Shack scanners. Some Radio Shack crystals will work in Sonar units, but more often they oscillate a few kHz off frequency and are unsuitable unless changes are made to the oscillator circuitry. Therefore, beginners should avoid these radios. Typical Sonar squelch has long time constant causing a long noise burst at the end of each transmission.

FR-104, FR-105: 6 channel monitor receivers covering 25 - 50 MHz or 150 - 175 MHz. Manual channel selection, i.e.,

no scanning. Early models are identified by an 11 pin connector on the rear and they could be used with an optional NiCd battery pack and charger which bolted to the rear panel. Later models used Cinch Jones connectors with flat contacts. Optional tone decoder board.

FR-2512, FR-2513: 24 channel versions of the FR-104 and FR-105 monitor receivers. Manual channel selection, i.e., no scanning.

FR-2514, FR-2515: 8 channel scanners. Channel 1 priority. Recommend you avoid these models as there is no way to lockout a channel from the scan sequence.

FR-2526, FR-2526, FR-2528: 10 channel scanners covering various combinations of 3 bands. Each channel could be locked out. Channel 1 priority.

Sonar Model	#chan- nels	VHF low	VHF high	UHF scans?	lock- outs?
FR104	6	X			no
FR105	6	X			no
FR2512	24	X			no
FR2513	24	X			no
FR2514	8	X		yes	no
FR2515	8	X		yes	no
FR2526	10	X		yes	yes
FR2526	10	X	X	yes	yes
FR2528	10	X	X	yes	yes

Table 1. Summary of Sonar base/mobile monitor and scanner receivers

Tennelec

Manufactured the first synthesized scanners. Company went out of business several years ago. Schematics and parts difficult to obtain. Radios reputed to be poor performers. Got my MS-2 and MCP-1 basket cases for free and sometimes regret taking them. Not worth fixing unless you have access to DTL/RTL chips and circuit diagrams.

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2356. Repair Tips for Bearcat Scanner Radios

Newsgroup: rec.radio.scanner
Date: 1994-09-15 15:45:48 UTC
From: parnass@ihlpf.att.com
Message-ID: <Cw6H4D.6H7@nntpa.cb.att.com>
Source record: 268675
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info,sci.electronics.repair

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REPAIR TIPS: BEARCAT SCANNER RADIOS |

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Introduction |

The original Bearcat scanner line was manufactured by |
Electra of Cumberland, Indiana. In the mid 1980s, Uniden |
bought out the Bearcat scanner line and Uniden's first |
Bearcat scanner was the 800XLT model. |

Most of the models discussed in this article are |
base/mobile units made by Electra during the 1970s and |
1980s. Electra stamped all of its scanners with a |
manufacturing date code on the rear of the cabinet. The |
code is comprised of a single character (C = Cumberland, |
Indiana, P = Puerto Rico), followed by four digits denoting |
year and week the radio was built. For example, "P8422" |
denotes the radio was made in the Puerto Rico factory |
during the 22nd week of 1984.

Schematics and Parts Available |

Schematic diagrams may be obtained from Uniden/Bearcat's |
parts department, (317)842-2483. |

G & G Communications (telephone 716-768-8151) is a family |
owned company which repairs scanners and stocks parts for |
several older models, especially Electra/Bearcat and |
Regency brands. They are located at 9247 Glenwood Drive, |
LeRoy, NY 14482. |

Electronic Repair Centers in Franklin Park, Illinois |
(telephone 708-455-5105) has been repairing Bearcat |
scanners for several years. They charge a flat $45 repair |
rate for programmable and $30 for crystal scanners, and |
shipping is extra. Electronic Repair Centers will fix |
Regency scanners if they can obtain the parts. |

Bad Solder Joints Common

Before addressing specific symptoms, circuit boards in the malfunctioning scanner should be inspected for poor solder joints.

The Electra/Bearcat BC350, BC300, BC250, BC220, BC20/20, | BC211, BC210, and BC210XL models were hand assembled, and every one I've serviced had several connections that were either soldered poorly, or not soldered at all.

Resoldering joints on the ribbon cable connecting the RF and keyboard logic circuit boards in a BC250 attenuated the microprocessor/synthesizer hash noise noticeably.

A Bearcat 20/20 was experiencing periodic loss of memory on some, but not all channels. When the problem occurred, the frequencies on some channels would be completely changed. On other channels, the frequency would still be intact, but the channel would be locked out, and the delay toggled from "on" to "off". Some channels were not affected.

The 2 "AA" memory backup batteries, and their holder, tested good. Much time was spent tracing logic, heating and cooling components, and making voltage measurements.

One of the secondary leads from the power transformer was connected to the main circuit board through a hole drilled through foil traces on both the top and bottom sides of the board. A close examination revealed that this lead had been soldered only on the top of the board - the bottom side had never been soldered.

Soldering the lead on both sides of the board solved the memory loss problem. |

Symptom: Blank Display

The BC300 scanner, and several other Bearcat models, employ a switching type power supply stage to generate plus and minus voltages in excess of 20 volts DC. When this switcher fails to function, the display goes blank, but the squelch control appears to work, and white noise can be heard in the speaker.

In two of the BC300 scanners I've fixed, C98, a capacitor in series with the primary of the switching transformer | failed, causing the output of the supply to drop below the | level needed to power the display. The switching transformer is mounted on the RF circuit board, and is much, much smaller than the main power transformer, which is usually fastened to the metal chassis. The 22uF/16V * capacitor used for C98 in early BC300s was marginal, and was replaced with a 47uF/25V capacitor in later units.

I recently replaced the 22 uF capacitor in the switching power supply stage of a BC210XL which caused the same symptom. Other capacitors in the switcher stage have failed. C114, a 4.7 uF/35V tantalum capacitor failed in at least one BC250, causing the display to blank.

A more sinister problem affects the switcher in earlier models. The switching supply stage in the BC250 and original BC210 is driven by a clock signal derived from a custom Exar NC57902 divider integrated circuit (designated | IC6 in the BC250 scanner). I've seen this divider IC fail in several BC250s, causing a blank display (except for a decimal point in the BC250's rightmost digit). This custom IC is no longer available from Uniden. |

Symptom: Invalid Frequency Displayed

A common Bearcat 250 malady is manifested by an invalid frequency displayed on the readout. This condition is temporarily "cured" by unplugging the AC line cord from the wall, then replugging it. This condition is symptomatic of a power supply problem in which Q204, a Texas Instruments TIP-29 located on the feature circuit board, fails.

A Philips ECG291 will work as a substitute for the TIP-29. | Don't try a Radio Shack substitute, it hasn't worked. See Martin Toomajian's article, "Bearcat 250 Erratic Display Cure", in January 1987 Monitoring Times. *

A similar problem in the Bearcat 20/20 was discussed previously in the section on bad solder joints. |

Symptom: Squelch Won't Eliminate White Noise

Most Uniden/Bearcat base/mobile scanners feature an AUTO squelch position, actuated by rotating the squelch knob fully counter clockwise. The BC350 used a separate pushbutton switch for this purpose. These scanners use a | flimsy potentiometer (designated R81 in BC300s) internally mounted on the RF circuit board, to set the level of signal required to open the squelch when in the AUTO position. This pot also has an effect on the squelch action in the non-AUTO mode, and determines at which point the squelch knob must be positioned in order to silence the radio.

Although the potentiometer is adjusted at the factory, changes in component values due to aging often necessitate readjustment of this internal pot. Misadjustment of this pot has been the cause of "no squelch" complaints in two BC300s and a BC250 I fixed.

Another squelch failure is due to a blown transistor that acts as the electronic switch in the squelch circuit. I replaced this transistor in only one BC300, so I don't know

if this is a common problem. |

Symptom: Scanner Completely Dead

In Bearcat scanners using an internal power supply (e.g., BC350, BC250, etc.), the main power transformer is connected directly to the AC line. Since the on/off switch is on the secondary side of the transformer, current flows in the primary as long as the AC line cord is plugged into an active AC outlet. These transformers contain an internal circuit breaker, not visible without unwinding (destroying) the transformer. The internal breaker is known to fail prematurely in a batch of Bearcat power transformers.

If your scanner is completely dead, check the primary of this transformer for an open circuit condition. |

Symptom: Keyboard Bounce

After much use, the Chromerics keyboards in Bearcat scanners start to wear out. The first sign of trouble is usually keyboard bounce on the most frequently used key, | e.g., the MANUAL key. Replacement keyboards are usually available from UNIDEN, but replacement requires dexterity, as one must take care not to tear the flat, flexible strip connecting the keyboard to the logic board. |

Symptom: Keyboard Completely Unresponsive

The keyboard matrix is "scanned" by the microprocessor. Another problem is when none of the keys seems to function; the receiver just keeps scanning in spite of key depressions. I found this condition in a BC210XL scanner owned by a heavy smoker. Perhaps nicotine smoke was to blame, as the resistance between two input port pins on the microprocessor was down to about 1000 ohms, fooling the microprocessor into believing that a key was stuck in the "down" position. Scraping the circuit board between the two pins with an X-Acto knife fixed the problem. |

Other Problems

Complaints of low audio output and occasional microphonics | in a Uniden/Bearcat 800XLT was caused by a bad 47 ufd electrolytic capacitor in series between the external speaker jack and audio amplifier.

--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2357. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 15:50:04 UTC
From: malxndr@aol.com
Message-ID: <359qfc$2e9@newsbf01.news.aol.com>
Source record: 268692

Whether someone could print conversations overhead on a scanner in a school newspaper or any other publication would probably not fall under any of the communications laws. I'm not a lawyer, but I'm a journalist.

I'd bet the issue would involve balancing the First Admendment against say, EPCA. That is, if I heard something on a scanner, deliberately or accidently, and it was newsworthy, it is conceiveable that I would use bits or even all of the conversation in a news story. I would attempt to contact the people I overhead, but I that would always be possible. There are so many variables here that I can't say exactly what I would do specifically--it would involve the actual conversation, how I came upon it, what the key issues are as to the story's newsworthiness and so on. In any case, I have seen many instances where conversations overhead on a scanner have appeared in print. New York magazine had an article within the past year in which the writer--I think his name was Craig Bromberg-- liberally quoted from cordless conversations. The journalists writing these articles, however, generally do not attribute the conversations to particular individuals. In the case of the budding school journalist, I'd say run the conversation but keep in mind that you may find yourself battling for the First Admendment at the same time!

2358. Kauai freqs wanted!

Newsgroup: rec.radio.scanner
Date: 1994-09-15 15:56:56 UTC
From: pickled@ix.netcom.com
Message-ID: <359qs8$t4d@ixnews1.ix.netcom.com>
Source record: 268664

My fiancee & I will be honeymooning in Kauai in two weeks. Naturally, we'll be bringing along our PRO-43 (but only to enjoy during periods of total exhaustion :). If anyone can supply us with interesting freqs for the "Garden Island", we'd be much in your debt... and maybe even name our first born after you!

Reply via email or posting to this group.
--
(Mr.) Sandy Herring |The brain: an enchanted loom
|where millions of flashing shuttles
E-mail to: pickled@ix.netcom.com |weave a dissolving pattern.
| - Sir Charles Sherrington

2359. Re: ***HAVE YOU HAD PROBLEMS WITH R.S..

Newsgroup: rec.radio.scanner
Date: 1994-09-15 15:57:09 UTC
From: Bill McCall <70003.4300@CompuServe.COM>
Message-ID: <359qsl$q0j$1@mhade.production.compuserve.com>
Source record: 268656

" I was flat-out lied to"

It must be in their training to never say "I don't know". I have a degree in Electronics and I have heard tons of incorrect information uttered. While I have had many intellegent discussions with RS employees and I have had some informative instruction about things that I wasn't very knowledgeable, I have found that a significant number of people would rather snow people than find out the correct answer. IF they sense you are not technical they will frequently try to pull the wool over their eyes.

--
Clowns to the left of me, Jokers to the right, here I am stuck in the Internet with you!

2360. Re: What's The "World's Best" scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 16:12:09 UTC
From: cab@col.hp.com
Message-ID: <359rop$2ds@hp-col.col.hp.com>
Source record: 268654

```
Which carbon-based bioscanner should I buy?
Will Marymac sell them?
Which datecodes are modifiable?
Does anyone have the mods?
```

2361. Re: Pro-37 repair parts - withheld?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 17:32:51 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1994Sep15.173251.11073@news.csuohio.edu>
Source record: 268694

What exactly is the problem with the keypad? I have a PRO-37 also.

It's a rubber sheet with molded in buttons. The bottom of each button
is a carbon composite rubbery surface that bridges two metal pads
on the circuitboard below, and thus makes contact. You will find that
over time, the contacts will get dirty, making for erratic operation.

I have made my keypad behave like new. Take it apart and clean the
underside of each small rubber button with just water and a t-shirt
type rag (no paper towels, they leave particles behind). Just dampen
the rag and wipe gently. I suppose you could use window cleaner
or rubbing alchohol, but I used water and it worked. You also
will want to use window cleaner or alchohol on the metal pads that
the buttons touch. They tarnish slightly over time. If they are
real bad, you can lightly rub them with a pencil eraser which
will shine them up. Make sure you clean off the eraser bits.
In any case, I would not use any other solvent
like mineral spirits or lacquer thinner, too abusive. You could
probably safely use that spray contact cleaner you get at
electronics stores. You may also want to clean the keyboard lock
switch too. Be careful re-assembling. If still does not work,
check actual wire connections to the keypad part of the circuitboard.

Dont let those Radio Scrap dopes ruin your fun. Do it yourself.

Hope this helps.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^v^

2362. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-15 17:41:39 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <35a10j$jqt@thecourier.cims.nyu.edu>
Source record: 268722

Re: Tandy

I wouldn't delurk in a thousand years if I were them.
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

2363. Re: 2006 squelch mod. good/bad?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 18:12:52 UTC
From: horak@convex.com
Message-ID: <35a2r4$f3t@eugene.convex.com>
Source record: 268704

In <1994Sep15.013445.1420@lafn.org> ab910@lafn.org (Matthew Davies) writes:

>Okay I did the other usual mods but shy away from the squelch mod due to
>lack of press. Anybody try it yet?

>**Locate R152 on main board. It's tricky to get to. Look on the bottom of
>the board. Got it? Remove it. Replace it with a 100k resistor. Much
>better hysteresis action.**

I used a variable pot and tweaked it just where I liked it. Yes, it
does make the squelch much better, IMHO.

David

2364. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 18:49:10 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.103.000CD233@chevron.com>
Source record: 268705

In article <358dfb$r6k@search01.news.aol.com> scan911@aol.com (SCAN911) writes:

>Curtis,

>The last few lines of Section 605 of the Communications Act of 1934 (the
>copy I have is in excess of 140 pages), exempts amateur communications and
>communications from ships at distress.

Well there you go! I stand corrected. I've got to find my copy of the act -
haven't seen it for quite a while. Probably have to sell my house to find it.
That kind of stuff always turns up when I move.

Thank you for addressing my question.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

2365. pro 39 mods

Newsgroup: rec.radio.scanner
Date: 1994-09-15 18:56:54 UTC
From: mike@eskimo.com
Message-ID: <Cw6pyo.LGG@eskimo.com>
Source record: 268566

This article was probably generated by a buggy news reader.

2366. Re: Help with BC200XLT Mod...

Newsgroup: rec.radio.scanner
Date: 1994-09-15 19:07:25 UTC
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Message-ID: <1994Sep15.190725.27021@mixcom.mixcom.com>
Source record: 268701

In <357o1l$4te@nyx10.cs.du.edu> jjuarez@nyx10.cs.du.edu (j. juarez) writes:

> I recently read a posting about Celluar Freqs Modification for a
>Uniden BC200XLT. I decided to take a peek inside my scanner just to
>check it out. I followed the directions closely, but I was stumped
>when I got to Step 5.

> Step 5 reads as follows:

> " 5. Locate the (64 pin quad flatpack) microprocessor
> IC labelled "UNIDEN UC-1147" and the 10k ohm
> (brown-black-orange) leadless resistor positioned
> above the letters "DEN" on the IC. "

> Rather than a brown-black-orange resistor, there was a small
>rectangular-shaped object with "103" printed on it. (There was also
>another one over the letters "UNI", but with nothing printed on it.)
>I saw other resistors which fit the description, but they were not
>at all close to the IC.
> Now of course, I wasn't going to perform this modification...

>But, there is obviously something wrong with one of three things:

> - my scanner

> - the instructions

> - my understanding of the instructions

> If anyone can offer a suggestion, please respond.

>Thank You,

The later model BC200XLT units use SURFACE MOUNT resistors
as opposed to the 1/8 Watt axial carbon composition resistors
that have the color bands referred to in the modification
instructions you described.

The surface mount 10k-Ohm resistor
is labeled "103". It IS above the "DEN" of "UNIDEN" on the
microcontroller. If you have experience (or have steady hands
and are willing to take the risk), just cut the bugger in
half with a very sharp set of small side-cutters (dikes/dykes? ;-)

Make sure to remove any residue and that you don't damage any
solder pads or traces. Good luck. It worked just fine for me.

--
/`-_ kevin.jessup@mixcom.com |

{ }/ Marquette Electronics, Inc | Time for another tea party!
\ / Milwaukee, Wisconsin, USA |
|__*| N9SQB, ARRL, Amateur Radio |

2367. Freqs for Washington State

Newsgroup: rec.radio.scanner
Date: 1994-09-15 19:09:39 UTC
From: prager@mdd.comm.mot.com
Message-ID: <35a65j$an3@fh18c.mdd.comm.mot.com>
Source record: 268703

Does anyone out there have or maintain a list
of frequencies in use in Washington?

Are you willing to share?

David

==========
David Prager (W)206-487-5837
Motorola (H)206-485-4397
Wireless Data Group
19807 Northcreek Parkway
Bothell, WA 98011 prager@mdd.comm.mot.com

2368. Memphis Freq's

Newsgroup: rec.radio.scanner
Date: 1994-09-15 20:46:22 UTC
From: wirth.it
Message-ID: <wirth.it-150994134511@17.127.11.181>
Source record: 268669

I'll be traveling to Memphis in October. I would like to get the local freq's. Please respond to wirth.it@apple.com

Thanks!

--
"It's a helluva day to stop sniffing glue"

2369. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-15 20:54:13 UTC
From: dbushong@wang.com
Message-ID: <Cw6vED.B0M@wang.com>
Source record: 268706

jackson@longlast.cs.nyu.edu (Steven Jackson) writes:

>RS of Whitehouse, NJ on Route 22 East. Stay far away.

Stay away from the one in Derry, NH also.
--
Dave Bushong
OPEN/image Recognition Products

2370. Re: Glen Roberts

Newsgroup: rec.radio.scanner
Date: 1994-09-15 21:40:46 UTC
From: glr@ripco.com
Message-ID: <Cw6xJz.I5o@rci.ripco.com>
Source record: 268707

Terry Steinford (tls@gate.net) wrote:
: Rusty Smith (rsmith@runcible.macc.wisc.edu) wrote:

: : What does all the Glen Roberts drivel about the FBI, letters from
: : lawyers and other people that attack him have to do with rec.radio.scanner?

: One time years ago Roberts was within an arm's reach of a scanner when he
: had a personal interaction with some Federal agents, so he thinks that
: everything that ever happens to him or that he hears about should be
: posted in this newsgroup.

Well... I guess I should take that as an inviation to (cross) post everything
I put on the net in rec.radio.scanner. I make lots of posting that have
nothing to do with scanners or related topics.... and I leave it out of here.

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

2371. Re: Windows Software for Opto OS456?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 22:06:02 UTC
From: bsaladino@aol.com
Message-ID: <35agga$9ci@newsbf01.news.aol.com>
Source record: 268713

In article <robinett.22.001634C8@cscns.com>, robinett@cscns.com (Rob Robinette) writes:

Hi Rob,

Yes, there is Windows software available for the OptoScan456. I write a shareware program called Radio Manager for Windows. It originally control just Icoms, but as of version 2.01, just released, it also supports the OptoScan456. It's available in CompuServe's HamNet Scanning Library, in the file RM.ZIP. It should also be available on America Online in the next day or so. I'm working on getting it on an ftp site. You can also send $3.0 to me for the unregistered version or $30.00 for the registered version, and I'll send you a disk. My address and a detailed decscription are below.

Radio Manager for Windows 2.01 9/14/94

Radio Manager for Windows is a radio control program for the Icom R-7000 Radio. It should also work with other Icom radios. New version 2.0 works with the OptoScan456(tm) from OptoElectronics. Radio Manager handles scanning, delays, 5 priority channels, lock-outs, presets, search ranges and
more. You can choose your own delay amounts and priority checking intervals.
Radio Manager stores data in Bank Files that can have 999 banks each. Within a bank you can have 999 channels. That's 998001 channels! Your computer's memory may limit this. You choose your own channel and bank numbers. Each bank can have a description, and be enabled or locked out. Radio Manager comes with Frequency Manager (see FM.TXT), so you can organize your frequency list. Radio Manager can then extract information from Frequency Manager files when needed.

F E A T U R E S

* Windows -- you can run other programs while Radio Manager scans!
* Each channel has a class and service description
* User defined banks and channels (as many as 998001 channels!)
* User defined Delays and Priority Intervals
* Lock-out individual channels or entire banks
* Lock-out Review shows individual channels that are locked-out
* Unlimited number of search ranges and bank files
* 5 Preset buttons for easy access to your favorite channels
All 5 can be checked regularly as priority channels.
* Scan and Search up and down
* Select Delays for individual channels
* Control primary functions from iconized control menu.

* History Window shows last 999 active frequencies
* Look Up feature displays information on known frequencies
* On-line Help
* Number of files only limited by free disk space
* It's shareware. If you don't like it don't buy.
If you do, it's a bargain price!
* Import from Frequency Manager and 801-Scan files.
* Tone Logging with OptoScan456.

Version 1.01 5/24/93 adds the following features and fixes...
* Mode Delay - If Radio Manager sets the frequency on your radio OK,

but not the mode, you can increase this setting to make Radio
Manager work with your system.
* History Window Hits - Radio Manager now includes the number of
times
that active frequencies are listed in the History Window.
* History Window Save - Radio Manager can now save most of the
information from the HistoryWindow to a text file. This
information
can then be manipulated using other programs for analysis.
* History Window Limit - The upper limit has been increased to 999
* Import - You can now import Frequency Manager files directly to
Radio Manager Bank Files. You can now import 801-Scan text files
directly to Radio Manager Bank Files.

Version 1.02 6/2/93 adds the following features...
* Multiple Priorities - now you can choose your 5 favorite
frequencies
as priority channels.
* Scan forwards and BACKWARDS. Great for returning to a previously
active frequency.
* Radio Manager now has Channel delays instead of Bank delays.
* Search Ranges from previous sessions automatically restored.
* Control Menu Commands added for easy control while working in
other
Programs: Who is it?, Scan, Search, Manual, Lock Out

Version 1.03 (7/25/93) fixes a few bugs reported by users, and adds or
improves the following.

* Scan Direction Bug Fixed - Radio Manager now remembers which
direction to scan from last session.
* History Window Bug Fixed - Partially input frequencies no longer
show up in the History Window (i.e. 1, 12, 123, 123.1) until
you've
hit ENTER, and there is activity on the frequency.
* History Window Position Saved - Radio Manager now remembers where
you positioned the History Window from the last session.
* Add Trunked Systems Quickly - Radio Manager now lets you quickly
enter a trunked radio system that has several frequecies that
are evenly separated. See Add Trunked System in Help.

* Priority Bug in Manual mode Fixed - Radio Manager now returns to
the
previously active frequency (even if it's not included in the
current bank file) in manual mode after checking the priority
channel(s).
* Active Priority Channels Displayed under the Priority Check Box
This makes it quick and easy to see which priorities are enabled.
* For SWL folks and those not using the R-7000 Support for passband
widths and additional modes has been added (I think). See Mode
Box
in help for details.
* Radio Manager now supports more precise tuning to 1Hz.

Version 1.04 (3/7/94) fixes a few bugs reported by users.

* Read and Write delays from and to the radio should work on faster
machines now.
* Should set frequencies less than 1MHz on R-9000.
* Expanded Trouble-Shooting section in Help.
* Automatically corrects some problems related to file changes.

Version 1.05 (6/27/94) fixes a few bugs reported by users, and adds or
improves the following.

* Edit Frequency Manager records in Radio Manager
You can now edit Frequency Manager records in Radio Manager
without running Frequency Manager.
* More Fields in Frequency Manager (Last Monitored Date, Brief note,
and Rating.)
* Lock Outs for Searches
* Easier Bank File Editing
* Faster Search Speed
* Easier to Customize and Automatic Corrections
* You can now use the Channel Scroll Bar left and right arrows to
change scan direction.
* While you can't control more than one radio at a time with Radio
Manager, you can set up different configuration files for
different
radios.
* Radio Manager automatically corrects search ranges when you
reverse
the upper and lower limits by mistake.
* The step size is automatically set to last search step.
Bug Fixes
* Fixed the GPF when the Delay button was selected, and no bank file
was loaded.
* The first bank with channels is automatically selected when no
other banks are selected.
* Frequency displayed when iconized and searching.
* Finally, "Lock-Ups" should be fixed. You should no longer have
to

press ALT to open dialogs.
* Fixed Look Up unknowns which wasn't always working.
* Switches channels correctly with radios with more than 99
memories.

Version 2.0 (8/30/94) Now supports OptoScan456(tm) by Optoelectronics.
* The OptoScan456 is a new interface for the Pro 2005/6 scanners
from Radio Shack. The OptoScan456 decodes CTCSS and DCS squelch
tones, as well as DTMF digits. It also reports signal strength.
Contact Optoelectronics for more details if you don't have one.
1-800-327-5912
5821 NE 14th Avenue, Fort Lauderdale, FL 33334
* New signal detection methods added.
Radio Manager now lets you choose from Hardware detections methods
including Ring Indicator Pin 22, or Carrier Detect Pin 8, or soft
ware detection if you've got an Icom R72, R7100, or R9000.
* Common Setups can be saved if you control more than one type of
radio.
* Temporary Lock Out - Lock Out a channel for a specified time.
The channel will automatically be unlocked after the time has
elapsed.
* And a few more bug fixes.

Version 2.01 (9/14/94) More OptoScan456 support and bug fixes.
* Automatically Displays and Log DCS and CTCSS tones.
* Tone Scanning (still under construction, but it's better than
nothing.)
* Fixed GPF that occured after renaming a file
* Adds Tone field to Bank File
* You don't have to restart after most changes to the Radio Setup
* Fixed slow displaying of message boxes and dialog boxes.
* Fixed some odd problems in the Bank Editor
How to purchase Radio Manager for Windows

Radio Manager is a shareware program. This means you can have a copy for
free, until you are sure that you like it and want to keep using it, after

that you must register a copy if you continue to use it. When you
register
your copy, you'll get the latest version without the startup dialog box.
If
you are using the Unregistered Trial Copy and would like to order Radio
Manager please choose Order Radio Manager from the Help menu and print
and complete the order form as described in the help file. For $30.00
(includes shipping) you'll get a diskette containing the latest version of

Radio Manager and Frequency Manager. Texas residents add 7.75% sales tax.

Registering with Credit Cards including Master Card, Visa, American
Express, and
Discover. You can order directly from me as described above, or from
Public (Software) Library

(PsL) with your MC, Visa, AmEx, or Discover card by calling 800-242-4PsL (outside the United
States: 713-524-6394), or by FAX to 713-524-6398, or by CompuServe to 71355,470. These
numbers are for ordering only. Ben Saladino cannot be reached at those numbers. To contact
Ben Saladino for information about dealer pricing, volume discounts, site licensing, the status of

shipment of the product, the latest version number, or for technical information, call Ben
Saladino at 817-282-0331 or write to me at 660 W. Oak St. Hurst, TX 76053-5526.

Radio Manager's registration number at PsL is 10989. Please specify your preferred disk size.

Credit Card Pricing
Registration fee $30.00, Handling Charge in the US $5.00, Handling Charge outside of the US
$7.00. Texas residents will be charged tax.

System Requirements:
* 80386 and higher IBM PC and Compatibles with 4MB RAM
* Windows 3.1 or Higher (running in Standard or Enhanced Mode)
* SHARE.EXE must be loaded for Radio Manager to function properly
* A hard disk with 2MB free disk space
* A 3.5" or 5.25" floppy drive
* An available Com Port and a Computer-Radio Interface that supports signal detection with the Ring Indicator (pin 22 of RS-232 connector), or Carrier Detect (pin 8 of RS-232), or software signal detection for the Icom R72, R7100, and R9000 radios. Radio Manager works with the ICOM CT-17 interface, but it will not stop scanning when a signal is present, unless you modify your CT-17 as described in the help file or have a radio listed above that supports software detection. A 9600 BPS connection is strongly recommended.
* An Icom R-7000, R7100, or R9000 radio, or a Pro 2005/6 scanner with
and OptoScan456. Other Icom radios should work too, but only the R-7000 has been tested by me. Please let me know if your radio
works or doesn't work. Works best when communication between computer and radio is set to 9600 bps.

I N S T A L L A T I O N for unregistered copies.

To install Radio Manager, simply copy the files in the RM.ZIP file into a directory of your choice. Then create an icon by choosing the FILE|NEW menu item from the Windows Program Manger. Click on the OK button or press

ENTER. Complete the Program Item Properties dialog box and press ENTER.
See the extensive on-line help to learn how to use Radio Manager. You'll
probably need to change items in the OPTIONS|RADIO SETUP menu item that
are
specific to your setup.

*** If you get a message asking "Is SHARE.EXE Loaded?" when you try to run
Radio Manager or Frequency Manager then add the line below to your
CONFIG.SYS file located in your root directory. You can use a text editor

to change the file. You might need to specify a different directory than
the one below depending on the location of SHARE.EXE on your system.
SHARE.EXE is included with DOS.

Install=C:\DOS\SHARE.EXE /L:500

If you have questions, comments, or suggestions please contact...
Ben Saladino
660 West Oak Street
Hurst, TX 76053-5526
817-282-0331
CompuServe 71052,2416
AmericaOnline BSaladino

2372. Re: paging software

Newsgroup: rec.radio.scanner
Date: 1994-09-15 22:10:51 UTC
From: ott@osiris.kbfi.ee
Message-ID: <35agpb$4mm@horos.kbfi.ee>
Source record: 268708

vector@inferno.com wrote:

> IS>I know this really doesn't belong on this list, but I don't know
> IS>anyplace else to ask.
> IS>I beleive this has been posted before, but either I don't have it anymore,
> IS>or I am mistaking. Is there any software available on the internet,
> IS>that allows you to page someone on their beeper, that allows letters as
> IS>well as numbers.

Well, I think that the software needed depends on the paging hardware
used in your area. I have Motorola Advisor pager and I am sending also a
lot's of messages out just by using ordinary terminal emulator and
modem. At least in this particular system no specific software is needed
although such is available.

Ott Ko"stner

2373. Re: Windows Software for Opto OS456?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 22:10:52 UTC
From: schuh@phys.unca.edu
Message-ID: <35agpc$ba3@balsam.unca.edu>
Source record: 268716

Rob Robinette (robinett@cscns.com) once wrote:
: I just got the OS456 computer interface for my RS2006. Is there any Windows
: software out there to control it? The Scan*Star DOS software that came with
: it sucks.

BSaladino@aol.com sent me email the other day and he said that he is putting the finishing touches on Radio Manager 2.01 which can control a 2006 in windows. (And, hopefully OS/2! (I hope)) It's shareware, and the registered version is only $30. I'll post the letter he sent me with all the specs. It sounds pretty good.

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

2374. Re: Windows Software for Opto OS456?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 22:13:27 UTC
From: schuh@phys.unca.edu
Message-ID: <35agu7$ba3@balsam.unca.edu>
Source record: 268710

Here's the letter I received with the information on Radio Manager:

-----<SNIP>

From BSaladino@aol.com Mon Sep 12 10:56:06 1994
Subject: Radio Manager for Windows

Hi Paul,

Thanks for your interest in Radio Manager for Windows. I haven't tried it on OS/2 myself, but I know of one user who was doing that a while back.

If you are wanting to control the OptoScan456, I've only uploaded version 2.0 (previous versions only controlled Icoms) to CompuServe's HamNet Scanning library (RM.ZIP). I'm working on some bug fixes and enhancements, and hope to upload it what will probably be 2.01 in the next few days. I'll try to get it on an ftp site, as well as America Online to start. Or you can send me $3.00 for the unregistered version, or $30.00 for the registered version, and I'll mail you a disk. The $3 can be applied to the $30 if you decide to register. Send to address below.

Here's a detailed description...
Radio Manager for Windows 2.0 8/30/94

Radio Manager for Windows is a radio control program for the Icom R-7000 Radio. It should also work with other Icom radios. New version 2.0 works with the OptoScan456(tm) from OptoElectronics. Radio Manager handles scanning, delays, 5 priority channels, lock-outs, presets, search ranges and more. You can choose your own delay amounts and priority checking intervals. Radio Manager stores data in Bank Files that can have 999 banks each. Within a bank you can have 999 channels. That's 998001 channels! Your computer's memory may limit this. You choose your own channel and bank numbers. Each bank can have a description, and be enabled or locked out. Radio Manager comes with Frequency Manager (see FM.TXT), so you can organize your frequency list. Radio Manager can then extract information from Frequency Manager files when needed.

F E A T U R E S

* Windows -- you can run other programs while Radio Manager scans!
* Each channel has a class and service description
* User defined banks and channels (as many as 998001 channels!)
* User defined Delays and Priority Intervals
* Lock-out individual channels or entire banks
* Lock-out Review shows individual channels that are locked-out
* Unlimited number of search ranges and bank files
* 5 Preset buttons for easy access to your favorite channels

All 5 can be checked regularly as priority channels.
* Scan and Search up and down
* Select Delays for individual channels
* Control primary functions from iconized control menu.
* History Window shows last 999 active frequencies
* Look Up feature displays information on known frequencies
* On-line Help
* Number of files only limited by free disk space
* It's shareware. If you don't like it don't buy.
If you do, it's a bargain price!
* Import from Frequency Manager and 801-Scan files.

Version 1.01 5/24/93 adds the following features and fixes...
* Mode Delay - If Radio Manager sets the frequency on your radio OK,
but not the mode, you can increase this setting to make Radio
Manager work with your system.
* History Window Hits - Radio Manager now includes the number of times
that active frequencies are listed in the History Window.
* History Window Save - Radio Manager can now save most of the
information from the HistoryWindow to a text file. This information
can then be manipulated using other programs for analysis.
* History Window Limit - The upper limit has been increased to 999
* Import - You can now import Frequency Manager files directly to
Radio Manager Bank Files. You can now import 801-Scan text files
directly to Radio Manager Bank Files.

Version 1.02 6/2/93 adds the following features...
* Multiple Priorities - now you can choose your 5 favorite frequencies
as priority channels.
* Scan forwards and BACKWARDS. Great for returning to a previously
active frequency.
* Radio Manager now has Channel delays instead of Bank delays.
* Search Ranges from previous sessions automatically restored.
* Control Menu Commands added for easy control while working in other
Programs: Who is it?, Scan, Search, Manual, Lock Out

Version 1.03 (7/25/93) fixes a few bugs reported by users, and adds or
improves the following.

* Scan Direction Bug Fixed - Radio Manager now remembers which
direction to scan from last session.
* History Window Bug Fixed - Partially input frequencies no longer
show up in the History Window (i.e. 1, 12, 123, 123.1) until you've
hit ENTER, x
in help for details.
* Radio Manager now supports more precise tuning to 1Hz.

Version 1.04 (3/7/94) fixes a few bugs reported by users.

* Read and Write delays from and to the radio should work on faster
machines now.
* Should set frequencies less than 1MHz on R-9000.

* Expanded Trouble-Shooting section in Help.
* Automatically corrects some problems related to file changes.

Version 1.05 (6/27/94) fixes a few bugs reported by users, and adds or improves the following.

* Edit Frequency Manager records in Radio Manager
You can now edit Frequency Manager records in Radio Manager without running Frequency Manager.
* More Fields in Frequency Manager (Last Monitored Date, Brief note, and Rating.)
* Lock Outs for Searches
* Easier Bank File Editing
* Faster Search Speed
* Easier to Customize and Automatic Corrections
* You can now use the Channel Scroll Bar left and right arrows to change scan direction.
* While you can't control more than one radio at a time with Radio Manager, you can set up different configuration files for different radios.
* Radio Manager automatically corrects search ranges when you reverse the upper and lower limits by mistake.
* The step size is automatically set to last search step.

Bug Fixes
* Fixed the GPF when the Delay button was selected, and no bank file was loaded.
* The first bank with channels is automatically selected when no other banks are selected.
* Frequency displayed when iconized and searching.
* Finally, "Lock-Ups" should be fixed. You should no longer have to press ALT to open dialogs.
* Fixed Look Up unknowns which wasn't always working.
* Switches channels correctly with radios with more than 99 memories.

Version 2.0 (8/30/94) Now supports OptoScan456(tm) by Optoelectronics.
* The OptoScan456 is a new interface for the Pro 2005/6 scanners from Radio Shack. The OptoScan456 decodes CTCSS and DCS squelch tones, as well as DTMF digits. It also reports signal strength. Contact Optoelectronics for more details if you don't have one.
1-800-327-5912
5821 NE 14th Avenue, Fort Lauderdale, FL 33334
* New signal detection methods added.
Radio Manager now lets you choose from Hardware detections methods including Ring Indicator Pin 22, or Carrier Detect Pin 8, or soft ware detection if you've got an Icom R72, R7100, or R9000.
* Common Setups can be saved if you control more than one type of radio.
* Temporary Lock Out - Lock Out a channel for a specified time. The channel will automatically be unlocked after the time has elapsed.

* And a few more bug fixes.

How to purchase Radio Manager for Windows

Radio Manager is a shareware program. This means you can have a copy for free, until you are sure that you like it and want to keep using it, after that you must register a copy if you continue to use it. When you register your copy, you'll get the latest version without the startup dialog box. If you are using the Unregistered Trial Copy and would like to order Radio Manager please choose Order Radio Manager from the Help menu and print and complete the order form as described in the help file. For $30.00 (includes shipping) you'll get a diskette containing the latest version of Radio Manager and Frequency Manager. Texas residents add 7.75% sales tax.

System Requirements:
* 80386 and higher IBM PC and Compatibles with 4MB RAM
* Windows 3.1 or Higher (running in Standard or Enhanced Mode)
* SHARE.EXE must be loaded for Radio Manager to function properly
* A hard disk with 2MB free disk space
en
computer and radio is set to 9600 bps.

I N S T A L L A T I O N for unregistered copies.

To install Radio Manager, simply copy the files in the RM.ZIP file into a directory of your choice. Then create an icon by choosing the FILE|NEW menu item from the Windows Program Manger. Click on the OK button or press ENTER. Complete the Program Item Properties dialog box and press ENTER. See the extensive on-line help to learn how to use Radio Manager. You'll probably need to change items in the OPTIONS|RADIO SETUP menu item that are specific to your setup.

*** If you get a message asking "Is SHARE.EXE Loaded?" when you try to run Radio Manager or Frequency Manager then add the line below to your CONFIG.SYS file located in your root directory. You can use a text editor to change the file. You might need to specify a different directory than the one below depending on the location of SHARE.EXE on your system. SHARE.EXE is included with DOS.

Install=C:\DOS\SHARE.EXE /L:500

If you have questions, comments, or suggestions please contact...
Ben Saladino
660 West Oak Street
Hurst, TX 76053-5526
817-282-0331
CompuServe 71052,2416
AmericaOnline BSaladino

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

2375. Re: What are these freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-15 22:20:02 UTC
From: smacken@aol.com
Message-ID: <35ahai$9jv@newsbf01.news.aol.com>
Source record: 268709

I can imagine the parer work the guy had to fill out to get the 5 bucks into the 'WAR CHEST'.

To those interested. Just ask for the address of the neares Red Cross chapter. (nearest to you !!)

And send a donation there !!

The poor on the scene volunteer probably had no idea what to do with the $5.

But thanks BIG TIME !!!!

steve

2376. Re: Pro43 Speaker Noise

Newsgroup: rec.radio.scanner
Date: 1994-09-15 22:26:01 UTC
From: smacken@aol.com
Message-ID: <35ahlp$9n9@newsbf01.news.aol.com>
Source record: 268715

One drawback to low price is low audio quality !!

Sorry aside from putting a more efficient speaker in the thing there isn't much to be done.

Turn up the volume with just static untill you hear the sound change into a distorted one. That is the max volume.

Forget standing at a fire scene or any noisy place with any scanner because you will not hear it.

Ear plugs (top of the line is the best you can do)

And an external speaker (like radio shacks) will be fine in the car even with the top down.

steve

2377. Phone number for Merimac?

Newsgroup: rec.radio.scanner
Date: 1994-09-15 22:47:51 UTC
From: dm281@cleveland.Freenet.Edu
Message-ID: <35aiuo$map@usenet.INS.CWRU.Edu>
Source record: 268711

Can someone send this to me (800 number if they have one, please)?

Thanks,
Ken
--
--kvlee@cco.caltech.edu | Caltech | GO
kvlee@romeo.caltech.edu | MSC #614 | CALTECH
dm281@po.cwru.edu | Pasadena, CA 91126-0001 | BEAVERS
"The actuality of thought is life." --Aristotle

2378. Re: AR-8000 WANTED

Newsgroup: rec.radio.scanner
Date: 1994-09-15 23:04:45 UTC
From: Lauren Reitman <73327.3472@CompuServe.COM>
Message-ID: <35ajud$96a$1@mhadg.production.compuserve.com>
Source record: 268717
Cross-posted to: rec.radio.scanner,rec.radio.swap,alt.radio.scanner

Does anyone have a AR-8000 for sale, or know where I can get one?

2379. Good Deal at Radio Shack

Newsgroup: rec.radio.scanner
Date: 1994-09-16 00:09:22 UTC
From: glr@ripco.com
Message-ID: <Cw74Fn.Kv5@rci.ripco.com>
Source record: 268631

I went into the Round Lake, Illinois Radio Shack moments ago, to pick something up. There was a long line of people waiting to check-out. The first lady said she didn't go for the mailing list... she, nor the rest of us in line were given any hassle about "cash" sales. It went muck quicker too.

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

2380. Re: Looking for FAF

Newsgroup: rec.radio.scanner
Date: 1994-09-16 02:40:26 UTC
From: mulligan@ACM.ORG
Message-ID: <35b0iq$g39@hopper.acm.org>
Source record: 268643

```
The FAF is on oak.oakland.edu
in /pub/hamradio/docs/misc
as scanner.faf.
/* barry /&
```

2381. New around here

Newsgroup: rec.radio.scanner
Date: 1994-09-16 02:52:45 UTC
From: dooman@indirect.com
Message-ID: <35b19t$gbr@herald.indirect.com>
Source record: 268644

Hello all!

I am new to this group. I am not "new" to scanning, but have not had the chance to get as involved as I would like. I have recently purchased a pro-51.

Is my understanding correct .... It was manufactured by Uniden? and is the same unit as the BC220?

I would like to modify it to receive more. Can anyone send me the available mods for it. There are no alpha characters in the serial number, and the man date is 12A3.

Thanks! -
- dooman

dooman@indirect.com

2382. Re: Antenna Recommendations.

Newsgroup: rec.radio.scanner
Date: 1994-09-16 03:03:54 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779675515@f747.n115.z1>
Source record: 268530

-=> Quoting David Horak to All <=-

DH> It's strange that they actually WANT to sell you a cheaper antenna.
DH> Anyway, I have a discone and am pleased. Get one with a vertical
DH> whip if you want the low band stuff.

Hi, David...
That is one good thing about Grove. They won't sell you something you do
want or need.

Jerry

2383. BC200XLT Modifications

Newsgroup: rec.radio.scanner
Date: 1994-09-16 03:04:41 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779675516@f747.n115.z1>
Source record: 268527

-=> Quoting Andy Domonkos to All <=-

AD> I will be modifying a BC200XLT for my friend and I told him I don't
AD> believe the mod allows for 30Khz steps. Is this accurate? Thank you.

Hi, Andy...Yes, your information is accurate. 12.5 khz stepping after
the mod.

Jerry

2384. BC2500XLT vs Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-09-16 03:06:18 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779675517@f747.n115.z1>
Source record: 268673

-=> Quoting Andy Domonkos to All <=-

AD> Has anyone tried these two scanners side-by-side and compared image
AD> rejection? Both have triple conversion receivers, I'm wondering if the
AD> BC2500XLT is as good as the Pro-43. Thanks...

Well, I haven't compared the 2500 to a '43, but have with a 2004. The
2500 is not very good at image rejection. Occasionally, I will receive
cellular in the middle of the military air band. TV signals are also
possible. I haven't had this problem, but Grove mentioned shortwave
signals in the 400 Mhz band.

Jerry

2385. Re: BC2500XLT, Double or Triple Conversion?

Newsgroup: rec.radio.scanner
Date: 1994-09-16 03:09:54 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779675518@f747.n115.z1>
Source record: 268525

-=> Quoting Berton Corson to All <=-

BC> Also, is the RS-2006 double or triple?

2006 is a triple conversion. Others are the '43, the 2004, 2005, the upcoming '62. The 2004/5/6 has a 610 Mhz IF. The 2500 has a 400 Mhz IF.

Well known double conversion receivers...Pro 34, '37, '39, 200XLT, 220 XLT, Sportcat 150, and any inexpensive scanners.

I know this is more than you asked. This is for the benefit of any lurkers.

Jerry

2386. Re: Cellphone Privacy

Newsgroup: rec.radio.scanner
Date: 1994-09-16 03:19:14 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779675519@f747.n115.z1>
Source record: 268526

-=> Quoting Bruce James Robert Linley to All <=-

BJRL> In ye olden post Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
BJRL> spake... > -=> Quoting Rick Raymon Loebler to All <=-
>
> RRL> Once digital becomes more popular, how long do you think it would
> RRL> take an enterprising Scanner manufacturer to manufacture a GSM or
> RRL> DAMPS capable scanner !!!!.
>
> While it is possible for a scanner mfr. to design and market a digital
>decoder, there would be some legal ramifications from the feds. See, the
>ECPA of 1986 made it illegal to use or market a digital to analog decoder
>for the puropose of listening to cellular phones.

BJRL> So? It's illegal to sell frequency inversion descramblers, buy you see
BJRL> kits and articles on how to build 'em all the time. Still legal to
BJRL> date. Any type of cellular encryption is most likely not going to use
BJRL> any kind of public/private key encryption, just plain ol' digital
BJRL> audio. How will the new cell phones decode the digital audio? Probably
BJRL> with a soon to be readily available descrambler IC. Magazines will no

Wow!! A double hit!! Not only is someone going to listen to cellfones,
which is against the law anyway, but now they will descramble the signal
to top it off? Hopefully the radio police don't get wind of this one. :)
Yes, someone will come up with a kit. It would be difficult to make these
decoder kits illegal as anyone could say that they want secure
transmissions and that is the purpose.

BJRL> doubt publish do-it-yourself articles on how to use this chip in your
BJRL> own descrambler.
BJRL> Who knows, whatever digital format they use may find it's way into
BJRL> other products as well. I can see the ads now. The New Fischer-Price
BJRL> baby monitor with "CELLULAR SECURITY".
BJRL>
BJRL> What I want to know is, since the radio community as a whole is slowly
BJRL> moving toward digital, will some digital transmission format be
BJRL> defined as "unencrypted"?

This was something that was discussed on CIS a while back. I think there
will definitely be a digital format in the years to come. I would think
that the format will be a standard format that everyone can use and follow.
This format should be made available to the public so receivers and
transmitters can be manufactured to comply with the digital format.

Good post...Jerry

2387. Advice on portable antenna?

Newsgroup: rec.radio.scanner
Date: 1994-09-16 03:20:38 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.779685638@vela.acs.oakland.edu>
Source record: 268651

I know every body and their brother makes portable antennas I'd like
advice or comments on whats out there.
I'm looking for a magnetic mount that looks like a cell.antenna,and
gives good reception on all bands.
Thanks in advance,
NCS.

2388. Pro-37 repair parts - withheld?

Newsgroup: rec.radio.scanner
Date: 1994-09-16 03:26:34 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779675520@f747.n115.z1>
Source record: 268674

-=> Quoting Jack Wiggins to All <=-

JW> My poor ol' pro-37 developed a bad problem in the keypad and had
JW> to go see the scanner doctor. Doctor says a keypad transplant is
JW> needed or the poor old '37 bites the big one. Orders a new pad
JW> from RS and has now been waiting over 2 months for said part.
JW> I suddenly have the awful fear that the rat people are holding
JW> parts for any cellular capable radios (the 37 was designed when
JW> men were men) in captivity. <sigh> I loved my old '37. Anyone
JW> have a comment on this? There seems to be too much hype about
JW> big brother's little tantrums already.

Hi, Jack...The first mistake you made is by ordering from your local Radio Shack! <g> Try Tandy Parts. Have your credit card ready. Then go back to the RS that ordered the part and get your money back. Usually takes about 10 days for the parts to arrive. Here is the number...

Tandy Computer Services
Tandy National Parts
900 E North Side Drive
Forth Worth TX 76102
(800) 442-2425

Jerry

2389. Pro-39 Mod ...

Newsgroup: rec.radio.scanner
Date: 1994-09-16 03:27:02 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779675521@f747.n115.z1>
Source record: 268529

-=> Quoting Andy Domonkos to All <=-

AD> Does the 800 Mhz mod for the Pro-39 also allow the range of
AD> 824-849Mhz?

Yes!

Jerry

2390. Re: Wanted: DTMF Decoder

Newsgroup: rec.radio.scanner
Date: 1994-09-16 03:36:26 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <779675522@f747.n115.z1>
Source record: 268528

-=> Quoting Hugh Hemington to All <=-

HH> Does anyone know what the actual DTMF frequencies are? I also
HH> downloaded and wasted time with DTMF101.EXE, on my SB16ASP. Could we
HH> get the source code to this thing? Maybe a Windows version would be
HH> more usefull anyway.

Hi, Hugh...Here are the freqs, in Hz. Standard tolerance is 1.5 percent.

| For extended keypads
|
1209 1336 1477 | 1633
|
697 1 2 3 | A
|
770 4 5 6 | B
|
852 7 8 9 | C
|
941 * 0 # | D

Jerry

2391. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-16 03:38:13 UTC
From: mpage@netcom.com
Message-ID: <mpageCw7E3p.DA6@netcom.com>
Source record: 268662
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Sherwin Lee (slee@netcom.com) wrote:
: I was wondering what exactly is the law regarding putting what you hear
: on your scanner in print? Say I go to school and listen to the security
: people and hear a fight breaking out. Can I actually quote what I hear
: in the school paper? Thanks?

It's my job, every day, to find "breaking" stories for our TV clients and I would suggest the following. NEVER accept what you hear over the scanner; Call the department and tell them that you are calling to varify the following information heard over their frequency (and tell them what you heard). They can varify or deny it and then use what they say. I do remember that the upper courts have upheld that school newspapers have the same rights as the BIG guys. ACt honestly and openly and GO FOR IT!

--
==========
Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
MEDIA PAGE
Internet: mpage@netcom.com Breaking Stories to the
CIS: 71674,1610 News Media since 1978
==========

2392. Re: Windows Software for Opto OS456?

Newsgroup: rec.radio.scanner
Date: 1994-09-16 04:30:51 UTC
From: schuh@phys.unca.edu
Message-ID: <35b71r$j2c@balsam.unca.edu>
Source record: 268661

BSaladino (bsaladino@aol.com) once wrote:
: In article <robinett.22.001634C8@cscns.com>, robinett@cscns.com (Rob
: Robinette) writes:

: Hi Rob,

: Yes, there is Windows software available for the OptoScan456. I write a
: shareware program called Radio Manager for Windows. It originally control
: just Icoms, but as of version 2.01, just released, it also supports the
: OptoScan456. It's available in CompuServe's HamNet Scanning Library, in
: the file RM.ZIP. It should also be available on America Online in the
: next day or so. I'm working on getting it on an ftp site. You can also
: send $3.0 to me for the unregistered version or $30.00 for the registered
: version, and I'll send you a disk. My address and a detailed decscription
: are below.

Let me know when you post in on AOL or an FTP site. I'm drooling already.
I want to have a look before I actually purchase it though. (To make
sure I'm getting my moneys worth.)

Does anybody (other than BSaladino....) have any comments on Radio Manager?

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

2393. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-16 04:46:29 UTC
From: mulligan@ACM.ORG
Message-ID: <35b7v5$gki@hopper.acm.org>
Source record: 268660

jackson@longlast.cs.nyu.edu (Steven Jackson) asked:

> ... what kind of fuse should I put in there?

Fuses are rated by their limiting current, i.e. 2 amp. The "250" you saw on the fuse is it's maximum safe voltage, the potential that would appear between the terminals after the fuse blows. Most cartridge type fuses have a 250v rating (a '250 amp' fuse would weigh several pounds and could handle your entire house, plus several neighbors <g>).

On the other end of the fuse you'll find a current rating, such as "AGC2", where AGC is the physical size and the number is the ampere rating. The 2005 is rated at 18 watts on a 13.8vdc line, which means a maximum draw of 1.3 amps (= 18w/13.8v). A 2A fuse is fine for that load. For the H/T, check the specs and choose a fuse rated at 150-200% of the maximum current.

/* barry /&

2394. Re: Allocation of RF spectrum?

Newsgroup: rec.radio.scanner
Date: 1994-09-16 05:04:29 UTC
From: mulligan@ACM.ORG
Message-ID: <35b90t$gna@hopper.acm.org>
Source record: 268659

mt@indirect.com (Mik T.) asked about:

> ... a table which lists the RF's allocated by the FCC.

Use FTP to retrieve oak.oakland.edu
/pub/hamradio/docs/misc
fcc.allocations

"A summary of the FCC Table of Frequency Allocations for the 30 - 1300
MHz range. Since it boils 90 pages of data down to 160 lines, a little
detail has been lost <g>, but it will guide a scanner user to what's where."

/* barry /&

2395. Re: Pro43 Speaker Noise

Newsgroup: rec.radio.scanner
Date: 1994-09-16 06:09:06 UTC
From: mulligan@ACM.ORG
Message-ID: <35bcq2$gvg@hopper.acm.org>
Source record: 268721

The deficient speaker in the early production of the PRO-43 is a known problem. The replacement 500mw speaker can be ordered from Tandy Natl Parts, (800) 442-2425. Give them the catalog nbr of the scanner, 20-300, and ask for the SP-0228 speaker ($11.89). Also get the service manual, if only for the disassembly/exploded-view illustration.

[The post that mentioned #123 and #127 was refering to the manufacturer's original part nbr, EAS-3P123A.]

The only soldering you'll have to do is the two speaker wires. Since a lot of the PRO-43 mod files describe a disassembly procedure that requires unsoldering the antenna connection, I'm attaching an except from "Modifying the PRO-43" by Howard Bornstein that avoids that. Once you have the top two boards out, the logic board is removed with five screws (there's one in the middle).
/* barry /&

Procedure:
1) Remove the antenna and the battery pack. Then remove the 4 black Philips screws from the back of the case. Put these and all other screws in a secure area.

2) Pull the back case off. The case will separate near the front of the scanner, revealing the stacked circuit boards inside. Place the scanner down on its face. You will encounter three circuit boards. The top board is the one you will see looking directly down. There is a second board in the middle, and the third board is the board that has the keyboard attached to it. The top and second board are connected together and will move as a unit.

3) Remove the six small screws from the top circuit board. Place these screws in a secure place.

4) The top and middle boards are connected at the bottom left by a small black 4-pin connector. Take your small, slotted screwdriver and use it to carefully pry up the black connector at the bottom of the top circuit board. A good place to pry up the board is above the metal shield on the left, bottom edge of the board. Once you lift up the top board by freeing this connector, you can shift the top board slightly to the left and right. First, shift the top board to the right so that the Philips screw on the lower left edge of the middle circuit board is exposed. Use your small Philips screwdriver to remove this screw. You may need to use your needle-nose pliers to grab this screw once it's loosened.

5) Shift the top board to the left so that the screw at the lower right edge of the middle board is visible. Use your small Philips screwdriver to remove it. You may have to angle the screwdriver slightly to get to the screw. The needle-nose pliers may also make it easier to remove the screw. Store these screws with the others.

6) Once both screws are removed from the middle board, the whole unit of the top and middle board will lift out and "fold" over to the left. In order to lift up, you have to disconnect two connectors along the right edge of the middle board. There is a small connector near the top right of the board and a longer one along the middle right edge. Again, use your slotted screwdriver to carefully pry these connectors loose.

2396. Re: paging software

Newsgroup: rec.radio.scanner
Date: 1994-09-16 06:15:44 UTC
From: henniger@crl.com
Message-ID: <35bd6g$3km@crl.crl.com>
Source record: 268723

ott@osiris.kbfi.ee (Ott Ko"stner) writes:

>vector@inferno.com wrote:

>> IS>I know this really doesn't belong on this list, but I don't know
>> IS>anyplace else to ask.
>> IS>I beleive this has been posted before, but either I don't have it anymore,
>> IS>or I am mistaking. Is there any software available on the internet,
>> IS>that allows you to page someone on their beeper, that allows letters as
>> IS>well as numbers.

>Well, I think that the software needed depends on the paging hardware
>used in your area. I have Motorola Advisor pager and I am sending also a
>lot's of messages out just by using ordinary terminal emulator and
>modem. At least in this particular system no specific software is needed
>although such is available.

I talked with a couple of companies about their software. They claimed it
was 'TAPI' compatible software which used a special TAPI protocol when
you dialed up their system using their own special software.
Didn't look like it was something you could hack up on your own.
Does anyone know about this TAPI thing? specs? anything?

Mick
(wb5von)

2397. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-16 06:27:05 UTC
From: toby15@aol.com
Message-ID: <35bdrp$hl6@newsbf01.news.aol.com>
Source record: 268724

In article <1994Sep7.224809.18772@ultb.isc.rit.edu>,
jds0447@ultb.isc.rit.edu (J.D. Spewak) writes:

>> I wasn't sure that airport security would even let something like a
>> handheld radio/sacnner on a plane, would they? Wouldn't that thing
pick
>> up on the x-ray as being a complex electronical device, something like
a
>> bomb? Isn't that why they ask you to turn on portable laptop
>> computers?

Of course not all the people who go through airport security end up on the planes. When I go to the airport to drop off or pick up travelers, I usually bring a scanner into the terminal and have yet to be challenged by 'airport security'.

And it is really fun to listen to the Passenger Agents, luggage handlers, cabin cleaners, maintenance staff, ramp control, and crew coordinators -- not to mention the airport police and fire departments.

Toby

2398. Re: Pro-43 Hunters, Beware...

Newsgroup: rec.radio.scanner
Date: 1994-09-16 06:28:09 UTC
From: HARRY ROBERTSON <gascan@delphi.com>
Message-ID: <R+6Qn1B.gascan@delphi.com>
Source record: 268718

Andy Domonkos <domonkos@access.digex.net> writes:

>In my search for 800Mhz restorable Pro-43's I have come across several
>units in their boxes w/date codes as early as 6A2, 4A3, and 12A3. I picked
>up the 12A3 only to find it had an unusual amount of hetrodyne noise on

Had the same problem in the San Jose area. Finally found one from 2a3 which
seemed to be ok.

There were an incredible number of units that were obviously used. I wonder
what the law is regarding Radio shack repair of defective older units.
If we return the old ones do we get back something that is now non
modifiable?

Stand by to stand by.

Harry Robertson

Orchides forum trahite cordes et mentes veniant.

2399. Re: Pro-39 Mod ...

Newsgroup: rec.radio.scanner
Date: 1994-09-16 08:39:20 UTC
From: beldar@eskimo.com
Message-ID: <Cw7s1B.D2L@eskimo.com>
Source record: 268564

```
In article <357b9l$8lg@news1.digex.net>,
Andy Domonkos <domonkos@access3.digex.net> wrote:
>Does the 800 Mhz mod for the Pro-39 also allow the range of 824-849Mhz?
>
>Andy
>

Yes it does.
```

2400. Any experience with ICOM AR-8000?

Newsgroup: rec.radio.scanner
Date: 1994-09-16 10:50:01 UTC
From: dbarton@unix.cc.emory.edu
Message-ID: <35bt8p$sob@emoryu1.cc.emory.edu>
Source record: 268552

If there is anyone out there who has experience with the ICOM AR-8000 scanner, your input would be greatly appreciated. I am interested in buying a second scanner, and had my heart set on a Pro-2006 until I heard about this one.

I am particularly interested in Rx in the marine SSB bands, but any info would be helpful. You can write me at bartdoug@teetot.acusd.edu, or reply here.

Thanks in advance,

Doug

2401. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-16 11:14:07 UTC
From: malxndr@aol.com
Message-ID: <35bulv$kfq@newsbf01.news.aol.com>
Source record: 268532

Tandy's current ad campaign "You got questions, we got answers," is a joke. Probably one time in 10 that I've asked someone in a RS store about a product they sell, have I gotten an answer. Two weeks ago I asked a simple: "Which battery charger does RS recommend for use with your heavy duty battery" and couldn't get an a straight response. The droid spent 10 minutes reading the backs of the charger boxes and battery packages and still didn't know. I got the answer I wanted by looking it up in their catalog! It's always like that. What's worse is that 2 seconds after walking into the store, one of the droids will jump on you with a "Can I help you?" Fat chance.

2402. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-16 11:18:06 UTC
From: randolph@est.enet.dec.com
Message-ID: <35cd06$fbg@mrnews.mro.dec.com>
Source record: 268547

In article <Cw67oC.342@encore.com>, mpalmer@encore.com (Mike Palmer) writes...
>blade@crash.cts.com (Robert Sweeton) writes:
>>IS IT JUST ME OR HAVE OTHER PERSONS ON THIS NET HAD
>>PROBLEMS? PLEASE PASS THEM ON TO ME AS I INTEND ON COMMUNICATING WITH
>>THE RADIO SHACK CEO.
>
>Are you kidding? I wish I had a dollar for every Radio Shack employee through
>the years who, in response to "Where can I find such & such", they respond
>"we don't carry it". I patiently ask for the store copy of the catalog,

I think you hit the answer there... basically, every salezoid you encounter in there is a newby, and is therefore pretty much clueless. This is common to all retail-type, low-paying jobs - high turnover means nobody's been there long enough to know what's going on.

-Tom R. N1OOQ randolph@est.enet.dec.com

2403. Re: Internet QST article reprints info.

Newsgroup: rec.radio.scanner
Date: 1994-09-16 12:32:28 UTC
From: jcarter@orl.mmc.com
Message-ID: <35c38s$snd@theopolis.orl.mmc.com>
Source record: 268535

/From Mason Moore <mason9@delphi.com> ()
/Newsgroups: alt.2600
/Subject: Re: PHONE TONES ON MY TV. WHY
/Date: Thu, 15 Sep 94 18:07:34 -0500

/If you have a raio with a band on it that says "tv" you can pick
/up all sorts of cellular phone conversations on channels 72-88

Is this true?

o o ooo o o ooo oo o o | James A. Carter | Jcarter@orl.mmc.com
o o o o o o o o o oo o | MARTIN MARIETTIA | FCC Lic. KD4PON
o o o o o o o o o o o o | Electronics & | These views are my own and
o o o o oooo ooo o o o oo | Missiles Division | not that of my employer.
o o o o o o o o oo | Orlando, Florida |
o o ooo o o oo o o | 32855 | Thanks Jim

2404. Re: Any experience with ICOM AR-8000? (LONG!!)

Newsgroup: rec.radio.scanner
Date: 1994-09-16 12:49:02 UTC
From: schuster@panix.com
Message-ID: <35c47u$6e2@panix3.panix.com>
Source record: 268653

In article <35bt8p$sob@emoryu1.cc.emory.edu>,
<dbarton@unix.cc.emory.edu> wrote:
>If there is anyone out there who has experience with the ICOM AR-8000
>scanner, your input would be greatly appreciated. I am interested in
>buying a second scanner, and had my heart set on a Pro-2006 until I heard
>about this one.

ICOM does not make anything called the "AR8000". There is a new handheld
having that model name, which is distributed by the Japanese company AOR.
Here are reposts of the specs (thanks to Jonathan Clough) and an early
review.

>I am particularly interested in Rx in the marine SSB bands, but any info
>would be helpful. You can write me at bartdoug@teetot.acusd.edu, or
>reply here.

If that's what you're going to use the radio for most of the time, you'd
be better off getting a portable shortwave set. Scanners like the Yupiteru
MVT-7100 and AOR AR-8000 have adequate sensitivity for HF but need better
antennas than the ones provided, and do not have adequate IF filtering to
combat adjacent channel interference on crowded HF bands.

Newsgroups: rec.radio.scanner
From: Clough@javiaton.demon.co.uk (Jonathan Clough)
Subject: AOR AR8000 Info
Organization: Javiation
Reply-To: Clough@javiaton.demon.co.uk
Date: Thu, 19 May 1994 16:11:12 +0000

19 May 1994.

The following "blurb" is taken off AOR's latest (first) information sheet on
the new AOR AR8000 handheld receiver. As of today "sometime in June" is
the anticipated delivery but we are talking AOR here so don't start holding
your breath just yet. Price is also still undisclosed.

Cheers
Jonathan Clough

Compu$erve: 100117,535
Internet: Clough@javiaton.demon.co.uk

++
The AR8000 is the result of AOR's long term ambition to produce a new breed
of radio receiver which combined full computer compatibility with advanced
wide-band radio receiver technology. With the introduction of the new
AR8000, AOR have broken the mould of conventional radio receiver design.

At first glance the AR8000 in its static form may look no different to any modern hand-held scanning receiver, but the similarity ends there...just as soon as the receiver is switched on!! Initially you are greeted with the opening welcome message on the AR8000 multi-function liquid crystal display "WELCOME TO THE WORLD OF AR8000 RECEIVER", in a similar way to a sign on message displayed by your personal computer. This new experience immediately demonstrates to the new user and discerning radio listener that the AR8000 is no ordinary radio but THE NEW CONCEPT in radio design. The modern new cabinet design measures approx. 152mm (h) x 69mm (d) x 40mm (w) excluding projections and weighing only 350g including NiCads (but not aerial).

The AR8000 is a highly sensitive hand-held receiver boasting a very wide frequency coverage of 500KHz to 1900MHz without gaps in the range (actual acceptable frequency input from 100KHz). Step size is programmable in multiples of 50Hz for smooth tuning. The all mode reception provides AM,USB,LSB,CW,NFM and WFM. As you might expect from a radio receiver of this calibre, an independent 2.0KHz SSB filter is fitted as standard and the USB/LSB modes use true carrier re-insertion with correctly calibrated frequency read-out (not offset by 1.KHz). A custom manufactured ferrite bat aerial is neatly installed at the top of the receivers cabinet to enhance receive performance when listening in population centres to Medium Wave services or when commentary is provided at aishows and motor sport events.

The highly visibility LCD is of a new dot matrix format which enables many new facilities to be used, many of which have never been seen before especially on a hand held design. Two VFO frequencies may be displayed on the LCD simultaneously, one providing a stand by frequency available for quick transfer (similar to commercial aviation built-in radio transceivers. When frequencies are entered, ALPHANUMERIC comments may be stored along with frequency, mode & attenuator status simplifying the job or recalling and identifying memory channels.

The LCD provides four lines of display so that additional facilities may be provided and displayed at the same time, these include a signal strength bar meter and a band-scope showing band occupancy.

The AR8000 is equipped with almost every conceivable operating feature but operation remains easy thanks to a massive new microprocessor. A total of 1000 memory channels are provided which are divided into 20 banks, each having 50 channels. AOR have chosen to allocate 50 channels per memory bank (rather than the more conventional 100) based on findings that most radio listeners prefer fewer channels per bank but more banks for simplified operation. The AR8000 will search and scan at a very respectable (and fast) maximum speed of approximately 30 increments per second. You may even enter "special" frequencies into memory banks where they may only be recalled by entering a user definable "PASSWORD"....this will stop preying eyes.

The AR8000 is truly a button pushers delight but operation need not be difficult. As well as a comprehensively illustrated operating manual and UK quick reference guide, the AR8000 has two operating modes: NEWUSER and EXPERT. As already mentioned, the multi-function LCD provides many new facilities but the receiver has a few more tricks up it's sleeve. Not only can you connect the AR8000 to an external computer for remote control, you

may connect two AR8000 receivers back-to-back so that data may be copied from one to another (small interface required for remote data access). There are a variety of scan/search commands to link banks, scan by mode, programmable delay scan, priority, auto memory store, step offset and a programmable power save circuit to increase duration of operation from the NiCads.

The mechanical assembly of the AR8000 will be a sheer revelation to any radio engineer. Surface mount technology has been employed throughout the receiver which is constructed of plug in modules. This will ensure the highest levels of performance, reliability and serviceability. The AR8000 will certainly stand out in a constructional beauty contest. Keypad illumination extends to the side panel keys and may be switched in a number of ways. Illumination "permanently on" for mobile operation is possible. A specially selected heavy duty regulator has been fitted to ensure the receiver will continue to operate reliably even with the illumination permanently selected.

MAIN FEATURES
Frequency coverage 500KHz - 1900MHz
All mode reception AM, NFM, WFM, USB, LSB & CW
True carrier re-insertion and specific SSB filter with non offset readout
1000 memory channels
20 search banks
Priority Channel
Frequency Pass
Rotary Tuning Dial
Step sizes programmable between 50Hz - 999KHz in 50Hz steps
Scan & Search speed up to 30 increments per second
Signal Strength meter
Band Scope
Backlit LCD , Keypad & side panel
Battery save facility
Separate controls for volume, squelch & dial
Attenuator
Keypad Beep on/Off
Keypad Lock
Top panel 3.5mm earphone socket
Monitor switch
Password protected banks
Programmable Scan & Search including Free, Delay, Auto, Level & Mode
Select Scan List
Clone (Copy) Data facility between two AR8000
Computer Control
Tape Output
EEPROM memory backup (no battery required)
Supplied with NiCads, charger, Hand Strap, Belt Hook & screws, earphone, seem flexible aerial, DC lead with cigar plug
Comprehensive operating manual with over 50 illustrations & quick reference

SPECIFICATIONS
Frequency Range: 500KHz - 1900MHz

Receive Mode: AM, NFM, WFM, USB, LSB & CW

Step Size: 50, 100, 200, 500Hz, 1, 2, 5, 6.25, 9, 10, 12.5, 20, 25, 30, 50,
100, 200, 250, 500KHz or any multiple of 50Hz upto 999KHz

Sensitivity: 500KHz - 2MHz
SSB by field signal strength
AM by field signal strength

2MHz - 30MHz
SSB 1.0uV
AM 3.0uV
NFM 1.5uV

30MHz - 1.3GHz
SSB 0.25uV
AM 1.0uV
NFM 0.35uV
WFM 1.0uV

1.0GHz - 1.3GHz
NFM 1.0uV

1.3GHz - 1.9GHz
NFM 3.0uV
AM/SSB S/N 10db
NFM/WFM SINAD 12dB

Selectivity SSB 2.0KHz (-6dB) 7.5KHz (-50dB)
AM/NFM 12KHz (-6dB) 25KHz (-60dB)
WFM 180KHz (-6dB) 800KHz (-50dB)

Antenna Impedance 50 Ohm
AF Output (4.8V) 120mW (8 Ohm)
Power requirements: 4.8v NiCad / 6.0V Maganese / 9 - 16V DC external
Consumption: 150mA (nominal), 100mA (stand by), 20mA (Save)

Memory Channels: 50 channels x 20 banks = 1000
Pass Channel : 50 channels x 20 banks = 1000
Scan/Search Speed: Approx 30ch/per sec

++

Thats all I have at the mo.....

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Javiation, Bradford. U.K. Compu$erve: 100117,535 |

\----------/

Newsgroups: rec.radio.scanner
From: scollin@sapphire.win-uk.net (Simon Collings)
Date: Sat, 30 Jul 1994 17:58:56 GMT
Subject: AR-8000 Reviewed Here!
Lines: 332

Dear All,

Thanks for your many requests concerning the AR-8000 review. There seems to be a lot of interest in this radio, so a review seems more than worthwhile.

Sorry for the delay since my promise of doing this review. The original AR-8000 I had turned out to be a pre-production prototype so I decided to wait until I could get a full production model before posting.

I have tried to find an answer to all your questions, but if there are any other requests please feel free to send them in. I expect to have the production AR-8000 for sometime to come.

----------cut here----------

Review of AOR AR-8000 handheld scanner
==========

The AR-8000 is a wideband handheld scanner with a published coverage of 500 kHz - 1900 MHz for the UK (it can actually covers down to 100 kHz). Certain bands will be inhibited in other countries so that the radio complies with local regulations.

The full range of modes are provided: AM, NFM, WFM with the addition of USB, LSB and CW. The SSB modes do not rely on a manual BFO but use a dedicated carrier insertion oscillator like a quality shortwave radio. The frequency shown on the display is the true frequency (not offset).

Here is a run down of the specifications:

Frequency range: 500 kHz - 1900 MHz
Modes: AM, NFM, WFM, USB, LSB, CW
Frequency step sizes: 50, 100, 200, 500 Hz, 1, 2, 5
6.25, 9, 10, 12.5, 20, 25, 30
50, 100, 200, 250, 500 kHz or
any multiple of 50 Hz up to
999.995 kHz

Sensitivity:

500 kHz - 2.0 MHz: by field strength at internal ant.
2.0 MHz - 30 MHz: SSB 1.0uV, AM 3.0uV, NFM 1.5uV
30 MHz - 1.3 GHz: SSB 0.25uV, AM 1.0uV, NFM 0.35uV,

WFM 1.0uV
1.0 GHz - 1.3 GHz: NFM 1.0uV
1.3 GHz - 1.9 GHz: NFM 3.0uV

Selectivity:
SSB: 4 kHz (-6dB), 15 kHz (-50dB)
AM/NFM: 12 kHz (-6dB), 25 kHz (-60dB)
WFM: 180 kHz (-6dB), 800 kHz (-50dB)

Antenna impedance: 50 ohms

AF output (at 4.8V): 120mW (8 ohm) THD 10%

Power requirements: 4.6V Nicad
6.0V Manganese battery
Ext 9.0 - 16V

Power Consumption: 160mA (nominal)
110mA (standby)
20mA (power save)

Memory channels: 50 channels x 20 banks = 1000 total
Pass channels: 50 channels x 20 banks = 1000 total
Priority channel: 1

Scan/search rate: Approx. 30 channels per sec

Appearance and general use

The AR-8000 is neat and stylish in appearance and is distingushed from most other radios by the four row LCD alphanumeric display (more on this in the section below and throughout).

There are three rotary controls on the top of the radio: power/vol, squelch and tuning. The tuning knob is a click-stop type which duplicates the up/dn push buttons on the front panel when tuning. I liked the tuning knob because you can hold the radio in one hand and easily step up/dn the bands using the other.

Four sealed in push buttons are provided down the left side of the case. These allow the LCD back-light to be selected, secondary functions to be selected from front panel keys, the keypad to be locked, and (best feature) the squelch to be defeated so that it is forced open when a weak signal has been found.

The keypad itself comprises 20 rubber-like keys which have a positive feel.

You can power the set using internal batteries (nicads if preferred) or an external 12v dc supply.

A rubber duck antenna is provided and plugs into a high quality BNC connector. There is a 3.5mm "ear" socket next to the antenna BNC.

Selecting frequencies and modes is straight forward. You just type in the frequency and press ENT to change frequency. The mode is selected using the 2nd function key and '7', then the up/dn keys or the rotary knob on the top of the radio.

The minimum tuning step size is 50 Hz.

One nice feature is the auto mode where you can make the radio select the appropriate mode for the band you are on automatically. This can be turned off if required.

When you first start using the radio, it operates in "new user" mode and some of the advanced functions are disabled. However, once you have got the hang of using the radio, you can select "expert user" mode and adjust some of the more complex parameters of the radio. Throughout this review I refer to "expert menus", these are only displayed when the radio is in expert mode.

The radio has a power save facility which lets you run the radio for long periods of time using the batteries as efficiently as possible. When the power save feature is ON, the radio switches OFF then ON periodically to save power. Only the RF circuitry is powered OFF, the CPU and display remain ON. The expert mode lets you alter the delay time (the period of time before the radio switches off after a signal has gone) and the cycle time (the period of time the radio is toggles OFF then ON while there is not signal).

The expert mode also lets you alter factory presets such as the lock detect time (VCO and PLL stablisation time), squelch detect time, the audio squelch detect time and the audio level required to open the audio squelch.

Alphanumeric display

The alphanumeric display has a variety of functions and becomes the main focus for your attention when operating the radio. The display is a dot-matrix type and has wide viewing angle which is at its optimum when the radio is held in the hand during normal operation.

There are two VFOs, both of which are displayed together with the mode and s-meter level. You can swap between VFOs with a push of a button. I particularly liked this feature - long overdue in any scanner.

At least 14 different menus or displays can be shown. At times, the display operates like a small vdu giving you a menu type display. At other times it is a comprehensive status display.

There is an 11 element panoramic (or spectrum) display on the third line) that shows you activity on adjacent channels. This proved to be an effective way of finding active channels nearby.

Memories

One thousand memory channels are provided in 20 banks of 50 channels. The banks are designated "A" thru "J" and "a" thru "j". The lower case memory banks can be password protected. Each memory channel has an address like "A00" or "J23" or "b34".

When you store a frequency in a memory channel you can add a 7 character comment. The comment helps with identifying channels held in memory and is very useful. The process of adding a text comment is easy: you just use the tuning knob on the top of the radio to select a character and the step keys to move the cursor backwards and forwards on the alphanumeric display.

There are a variety of memory editing factilties including copying a channel, moving a channel, swapping channels and deleting channels or banks. A system of menus is used on the alphanumeric display to help you through the steps required.

The password protection involves you entering a 4-digit number rather like the PIN number used with a bank ATM card. You enter the password whenever you want to access protected functions. Operation with the password is optional.

RF and scanning performance

Several IF filters have been provided (see specification above).

AM bandwidth is a bit wide for HF use but after an evening's listening on shortwave, I found the performance was quite impressive. This radio is best suited to listening to major broadcasters and has similar shortwave performance to a Sony SW-7600 or an AR-3000A (I have both radios available here). Performance can be improved by replacing the "rubber duck" antenna with a larger antenna tuned for HF reception and using the attenuator (if necessary) to prevent overload.

I talked to AOR (UK) about the choice of filters in the radio and was told that the radio was optimised for VHF use. Filters that are too narrow can cause signals to be missed if they are slightly off-tune. This seemed sensible to me since I have this problem with my Icom R-7100 which misses certain airband signals which are slightly off channel.

Most controversial is the choice of 4 kHz filter rather than the 2.4 kHz originally planned. I was told by AOR (UK) that the filters are standard parts and that different filters can be substituted with the minimum of effort. It should be possible to change the filter to whatever bandwidth you want.

Bearing in mind the filter, SSB performance is still quite good on HF allowing HF amateur radio and utility signals to be received clearly. Frequency stability is excellent through the use of true SSB.

The scanning speed is one of the most impressive features of this radio. Memory channel scans and search scans operate at 30 channels per second.

There are very few spurious signals from within the radio and strong signal handling is very good. I live 2 miles from a 1 kW FM broadcaster and amongst several strong radio pager signals. I did not get any breakthrough from these signals on nearby bands, even when tuned to the nearby VHF weather satellite band.

The scanning facilities offered from the keypad is extensive and the speed of scanning VERY impressive. It is possible to alter the timings used and the behavior of the radio when new signals are found. By default (from the factory) the radio stops on active channels and dwells for 2 seconds before resuming the scan, but you can alter it in the range 0 - 9 seconds.

The expert menu lets you change 5 scan parameters in all: scan delay before resuming; audio squelch detection (ON/OFF); dwell time on active channels; the S-meter level required to stop scanning; all modes or just the selected mode to be allowed.

Up to 100 memory channels can be "tagged" so that only the most interesting are included in the scan. Memory banks can be "linked" in or out so that the selection of memory channels to be included in scans is very flexible (you can select both individual channels and banks).

One thousand pass channels are provided so that you can exclude channels from scans if you want. The radio will prevent you from entering the same frequency twice by checking to see if the new frequency is within +/-10 kHz of any others already "passed".

A single priority channel (memory channel A00) is provided.

A total of 20 search banks allow you to enter two frequency limits, mode, step size and a 7-character comment. The search banks are designated in the same way as the memory banks: "A" thru "J" and "a" thru "j". The lower case search banks can be password protected.

You can link search banks together (so you could have A, C, H, c, e, i for example).

Once again the expert menu allows you to alter the parameters of the search. You can alter four parameters (in fact equivalents of the first four scan parameters, you don't need to select the mode).

Here is something exciting!!!, the auto store search mode. Auto store operates during a scan and automatically copies the first 50 memory channels that are active into bank "J". This is particularly useful for finding active channels while the radio is left unattended.

RS-232 computer control

The AR-8000 marks itself out yet again through the provision of RS-232 control. I think this must be unique for a handheld. Not only does this radio have RS-232, it has the most extensive range of commands I have seen. It exceeds those offered on the ICOM R-7100 by a long way.

In addition to the normal range of tuning and S-meter commands, a range of frequency scanning, memory scanning and pass frequency commands are provided. This means you can have computer controlled scans at the full speed of the radio.

There are about 40 different RS-232 commands relating to scanning operations. You can control frequency ranges, memory channels, the squelch level and mode, delay and free times. This is unheard of in most radios let alone a handheld - very impressive.

You need a CU-8232 interface unit to connect your computer to the AR-8000. A short ribbon cable is inserted into a slot in the battery compartment and connects the radio to the interface. You then connect your computer through a two-wire link to the 9 way D-type connector on the CU-8232. The interface unit is powered from the radio.

You can also use the interface unit to copy memory data from one radio into another. This is yet another unique feature.

Summary

You only have to look at the range of facilities I have described to see that this radio is a real winner. Time and time again, new and genuinely useful features have been provided. This radio is unique and is hard to beat for value.

Don't take my word for it though - go and see the radio for yourself at a dealer.

Notable features:

Excellent manual written directly in English (not translated).
Range of RS-232 control commands (the best available I have seen).
Alphanumeric display giving clear easy to read information.
Panoramic (or spectrum) display.
Dual VFOs
Password protecting memory channels.
New user and expert modes of operation.
Copying memory data between radios.
Inbuilt ferrite rod antenna for MF coverage

The AOR AR-8000 retails for 449 pounds in the UK and is available from AOR (UK) Ltd., Adam Bede High Tech Centre, Derby Road, Wirksworth, Derbyshire DE4 4BG ENGLAND Tel: 0629 825926, Fax: 0629 825927.

E&OE

Simon Collings, G4SGI
Cheltenham, Gloucestershire, ENGLAND

Newsgroups: rec.radio.scanner
From: Clough@javiaton.demon.co.uk (Jonathan Clough)
Subject: Re: AR-8000 Reviewed Here!
References: <96@sapphire.win-uk.net>
Organization: Javiation, Bradford, U.K.
Reply-To: Clough@javiaton.demon.co.uk
X-Newsreader: Demon Internet Simple News v1.29
Lines: 122
Date: Wed, 3 Aug 1994 11:56:44 +0000
Message-ID: <775915004snz@javiaton.demon.co.uk>
Sender: usenet@demon.co.uk

In article <96@sapphire.win-uk.net> scollin@sapphire.win-uk.net writes:

Hi Simon,

How's it going..Interesting review - I'm sure you've wet a few more appetites...

> You can power the set using internal batteries (nicads if preferred)
> or an external 12v dc supply.

This has to be 300Ma or more though if you try to use something
other than the supplied adaptor.

> One thousand memory channels are provided in 20 banks of 50 channels.
> The banks are designated "A" thru "J" and "a" thru "j". The lower
> case memory banks can be password protected. Each memory channel has
> an address like "A00" or "J23" or "b34".

One useful fetaure is that when you want to enter a frequncy into
any channel the radio will prompt you to the next available empty
channel which means you cannot easily overite data. You can
overide this and select any channel at which pount the display
will then show you the frequency and alpha text (if any) of you
chosen channel.

> When you store a frequency in a memory channel you can add a 7
> character comment. The comment helps with identifying channels held
> in memory and is very useful. The process of adding a text comment is
> easy: you just use the tuning knob on the top of the radio to select
> a character and the step keys to move the cursor backwards and
> forwards on the alphanumeric display.

Or you can go back and edit the alpha text at a later time. It
would be nice if you could clear the alpha text with one key
stroke though. (or have I not read through the book well enough
yet ?)

> RF and scanning performance
> ---------------------------
> Bearing in mind the filter, SSB performance is still quite good on HF

> allowing HF amateur radio and utility signals to be received clearly.
> Frequency stability is excellent through the use of true SSB.

Not as good as the MVT-7100 though in the time I've been playing
with one. I have not really tried on AM brodcast but on USB the '
7100 seems better. The first day I had one I plugged in 4.722KHz (
which is RAF Volment weather)...on the '7100 with a telescopic
antenna is was quite clear although the display show 1.5KHz offset
(Ie 4.273.5'ish), trying the same frequency on the 8000 with the
same antenna - not a tweak. I demod this to a customer yesterday
with the same result.

> There are very few spurious signals from within the radio and strong
> signal handling is very good. I live 2 miles from a 1 kW FM
> broadcaster and amongst several strong radio pager signals. I did not
> get any breakthrough from these signals on nearby bands, even when
> tuned to the nearby VHF weather satellite band.

Likewise - seems very good in this department.

> Notable features:
> Excellent manual written directly in English (not translated).

Indeed but I think Richard says he rushed a little and although I have not
read it through myself yet one or two people have mentioned it is a little
misjointed but nevertheless its is imeasurably (sp?) better than
anything the Japanese would have put together.

> Range of RS-232 control commands (the best available I have seen).

Can't argue with that - from what I can gather this interface is a
few months away yet - maybe you have some more info in view of you
connections ? I would guess though that to buy the interface & software
would leave you with little change from 150GBP

> Alphanumeric display giving clear easy to read information.

Yup..

> Panoramic (or spectrum) display.
Mmm.....pretty much next to useless though don't you think,
rather like an ashtray on a motorcycle & I think my chocolate
fireguard has more potential !

> Dual VFOs

> Password protecting memory channels.
Nice :-)

> New user and expert modes of operation.
I can see many "owners" hassling their dealer with "I can't get it
to work" screams of help though...arghhhh...

> Copying memory data between radios.

> Inbuilt ferrite rod antenna for MF coverage
There seems to one or two comments re the ferrite - it seems to
have been causing trouble switching in/out automatically which I
assume has been solved although AOR (UK) haven't mentioned this.
I also heard it mentioned is weekend that the ferrite bar may have been
a cause of problems related to the CPU as it is situtaed immediatly
above the CPU within the radio.

As you say it certainly offers plenty of punches but in the 7/10 days
or so I have been playing around with one my overall impression is
that if you shut your eyes and listen to what comes out of the
speaker the MVT-7100 is still the "better radio", yes the AR-8000 is
very good and has many facilities that people will find very
useful but the audio and performanec is just not quite that of a
Yupiteru but I'm sure the extra features will make up that slight
shortcoming for many people.

--
Cheers, I'll have a Taylors Landlord please.....
JC
/--\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
\--/

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2405. Re: pro-2006 520mhz-760mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-16 13:18:13 UTC
From: wbloss@delphi.com
Message-ID: <pUyQ3hN.wbloss@delphi.com>
Source record: 268553

Harold G. Peach Jr. <hpeach@ca.uky.edu> writes:

>>> Has anyone ever heard of a modification for the RS Pro-2006 that will take out
>>> the 520-760 mhz hole? or can anyone recommend a scanner that doesn't have
>>> such a limitation?

I have a pro-2005, and

>The Military is rumored to have a cellular-like communications system that
>operates in this band. Also, I have specifically heard references to a
>military medical frequency in the 540 MHz range.

the local signal batallion of the national guard made a big deal about
having a cellular type comm system, which I could never find with
extensive searching. I even heard coordination info on lo band VHF
(I can see you now, we can affiliate, etc") but never heard the comms.

Maybe tyhis is why??

Wally Bloss
WB0BAV
A Human

2406. Re: Silent Play info

Newsgroup: rec.radio.scanner
Date: 1994-09-16 13:31:48 UTC
From: plocke@irvine.com
Message-ID: <Cw85L0.EAr@irvine.com>
Source record: 268634

I went into the Costa Mesa, CA, RS "Superstore" last Tuesday (9/13) to buy a Silent Play, and they had 7 in stock.

2407. Pro-43 Modifications

Newsgroup: rec.radio.scanner
Date: 1994-09-16 13:49:01 UTC
From: streeter@nbnet.nb.ca
Message-ID: <streeter.4.000DD191@nbnet.nb.ca>
Source record: 268668

Can anyone advise me if the Pro-43 can be modifed for cellular
frequency reception and if so, where can I get the instructions
for doing the mod.

Russ Thanks
E-Mail streeter@nbnet.nb.ca

2408. Re: Pro 39 and 43

Newsgroup: rec.radio.scanner
Date: 1994-09-16 14:06:43 UTC
From: jpotts@sad.hp.com
Message-ID: <35c8pj$hv7@hpscit.sc.hp.com>
Source record: 268647

The pro43 has the military aircraft band and is a triple conversion scanner (I believe). The pro39 does not have mil air and is only a double conversion scanner.

JP

2409. Re: STATE PATROL FREQS (text)

Newsgroup: rec.radio.scanner
Date: 1994-09-16 14:12:02 UTC
From: mantos@aol.com
Message-ID: <35c93i$mtl@newsbf01.news.aol.com>
Source record: 268548

In article <351174$ojb@linda.teleport.com>, tampico@teleport.com (Joe Hamelin) write:

All the CT state frequencies he lists are inaccurate, The SP have gotten a trunked system...They may still use the old fequencies as backup, but I doubt it.

2410. Re: Pro43 Speaker Noise

Newsgroup: rec.radio.scanner
Date: 1994-09-16 14:33:11 UTC
From: domonkos@access.digex.net
Message-ID: <JUPUkiubG-n8066yn@access.digex.net>
Source record: 268648

While I was trying different Pro-43's at the store I noticed the audio quality was different from unit to unit. So much for production consistency.

Andy

2411. Re: Pro-43 Hunters, Beware...

Newsgroup: rec.radio.scanner
Date: 1994-09-16 14:33:26 UTC
From: domonkos@access.digex.net
Message-ID: <UZPUkiubGI$F066yn@access.digex.net>
Source record: 268649

In article <R+6Qn1B.gascan@delphi.com>, HARRY ROBERTSON wrote:
>
> Had the same problem in the San Jose area. Finally found one from 2a3 which
> seemed to be ok.
>
> There were an incredible number of units that were obviously used. I wonder
> what the law is regarding Radio shack repair of defective older units.
> If we return the old ones do we get back something that is now non
> modifiable?
>
> Stand by to stand by.
>
> Harry Robertson
>

If the logic board doesn't has to be repaired most likely you'll get you're
old unit back (w/repaired/replace hardware). If they can't repair it w/in a
reasonable time you'll probably get a non-modifiable unit in exchange.

Andy

2412. Re: Any experience with ICOM AR-8000? (LONG!!)

Newsgroup: rec.radio.scanner
Date: 1994-09-16 14:55:47 UTC
From: horak@convex.com
Message-ID: <35cblj$jfq@eugene.convex.com>
Source record: 268640

>MAIN FEATURES
>Programmable Scan & Search including Free, Delay, Auto, Level & Mode
^^^^^

Does the AR8000 have a MANDATORY 2 second minimum delay on ALL channels like the Yupi MVT-7100? Perhaps this will be the last time I WHINE about the Yuki's delay *feature* :-/ but it makes me sick to see it sit around and wait 2 seconds after an active signal has ceased until it resumes scanning. I sent Yupiteru a letter several months ago concerning my gripe although I also praised them for what otherwise is a magnificent radio. I never received a reply from Yupi. Would anyone know how to get rid of the delay or is this in the CPU firmware? I absolutely HATE the delay problem.

Guess I'll quit whining and go home to play with my pro2006 for a while.

David

2413. Re: paging software

Newsgroup: rec.radio.scanner
Date: 1994-09-16 14:56:20 UTC
From: ott@osiris.kbfi.ee
Message-ID: <35cbmk$kf7@horos.kbfi.ee>
Source record: 268641

Mickey R Henniger (henniger@crl.com) wrote:
> ott@osiris.kbfi.ee (Ott Ko"stner) writes:

> >Well, I think that the software needed depends on the paging hardware
> >used in your area. I have Motorola Advisor pager and I am sending also a
> >lot's of messages out just by using ordinary terminal emulator and
> >modem. At least in this particular system no specific software is needed
> >although such is available.

> I talked with a couple of companies about their software. They claimed it
> was 'TAPI' compatible software which used a special TAPI protocol when
> you dialed up their system using their own special software.
> Didn't look like it was something you could hack up on your own.
> Does anyone know about this TAPI thing? specs? anything?

Of-course it depends on the local pager company. It may be different in
US. In our case they have a standard modem on line. Their software asks
in plain english:
ID=
Enter pager number:
and
Enter alpanumeric message:

That is their whole protocol - all in plain ACSII.

Ott Ko"stner

2414. Complete archive?

Newsgroup: rec.radio.scanner
Date: 1994-09-16 16:01:06 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep16.110106.2901@hnrc.tufts.edu>
Source record: 268646

Is there a complete archive of rec.radio.scanner somewhere? For the past 3 months, say?
Thanks.

2415. Re: 800 Mhz for BC200XLT ??

Newsgroup: rec.radio.scanner
Date: 1994-09-16 16:11:50 UTC
From: dbarkley@sun1.iusb.indiana.edu
Message-ID: <Cw8Czr.n1s@sun2.iusb.indiana.edu>
Source record: 268600

>>I purchased a used BC200XLT scanner last week and wanted to restore the
>>800 Mhz band, but when I took it apart there was no resistor to remove
>>above the UC -1147 chip. In fact, the chip is labeled UC-1147A with no
>>resistor above it.
>
>Try looking for a little surface mount resistor that says "103" on it. It
>is about
>1/8 of an inch long...

Is my memory off? I thought that a new resistor needs to be soldered in for the cell mod? I had mine done by the shop I bought it from and all they did was remove the above mentioned resistor. When I did the mod for a friends BC200XLT I remember adding a 1/4W resistor between two different pads per the instructions I had then. Does this add more coverage? And is it possible that the original poster has a non-restorable BC200?

Those who read this and have done mods to the BC200XLT please see my post "Faster scan rate for the BC200XLT".

Barkley

2416. Re: Phone number for Merimac?

Newsgroup: rec.radio.scanner
Date: 1994-09-16 16:30:07 UTC
From: cmundy@blkbox.com
Message-ID: <35ch6f$ps1@blkbox.blkbox.COM>
Source record: 268543

Kenneth Lee (dm281@cleveland.Freenet.Edu) wrote:

: Can someone send this to me (800 number if they have one, please)?

: Thanks,
: Ken
: --
: --kvlee@cco.caltech.edu | Caltech | GO
: kvlee@romeo.caltech.edu | MSC #614 | CALTECH
: dm281@po.cwru.edu | Pasadena, CA 91126-0001 | BEAVERS
: "The actuality of thought is life." --Aristotle

Try 1-800-231-3680

2417. Need Advice On Scanner Purchase

Newsgroup: rec.radio.scanner
Date: 1994-09-16 16:35:32 UTC
From: eaeu330@rigel.oac.uci.edu
Message-ID: <35chgk$169@news.service.uci.edu>
Source record: 268549

I'm new to this group and about to purchase a scanner. I want a handheld one for portability. I have been to RS and haven't really seen anything I want in a handheld there. I have seen several Uniden Bearcat models. I tried one out and it seemed good enough for me. I forgot what model it was but it was yellow. The store I went to was selling it for $249. Is that a good price? Does anyone have any other recommendations at that price range?

Thanks.
Steve Chin
eaeu330@orion.oac.uci.edu

P.S. Does anybody know where scanners are sold in Orange County, CA? I only know of RS and Electronic Times (the store I found the yellow Bearcat at $249.)

2418. Re: Talknet on 948.4875??

Newsgroup: rec.radio.scanner
Date: 1994-09-16 16:42:07 UTC
From: <>
Message-ID: <35chsv$42l@wizard.uark.edu>
Source record: 268550

shawn4sk1@aol.com (Shawn4sk1) writes:

>I've heard of the radioshow Talknet, which I was thinking was an AM
>program- I found it at 948.4875, Narrow FM band- a very, very clear
>signal. Are certain feeds like that being pushed up to the 900's now? I
>didn't hear any others though... Also, is this a nationwide deal or
>probably specific to my city only?

It's an STL. Studio to Transmitter Link.

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

2419. Re: Mods for PRO-39?

Newsgroup: rec.radio.scanner
Date: 1994-09-16 16:42:35 UTC
From: allds@indirect.com
Message-ID: <allds.48.0010B63C@indirect.com>
Source record: 268561

>>
>> Could someone please send me the Mods for the PRO-39?
>>
>> Thanks very much.
>>
>> Email- g-man@garlic.com

>You will find several versions of the Pro 39 mod on oak.oakland.edu.

>>>>>Yes.....but were at oak.oakland.edu??????????????

-John-

_/_/_/

2420. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-16 16:42:40 UTC
From: Al Stem <al@spacecom.com>
Message-ID: <Cw8937.7zG@spacecom.com>
Source record: 268541

Sky Radio is Ku band spread spectrum. Good luck

> In article <34lkto$7v7@gdwest.gd.com> dfmayes@gdwest.gd.com (David F Mayes)
writes:
>
> >In article <34iqcn$ft2@gdwest.gd.com>,
> >David F Mayes <dfmayes@gdwest.gd.com> wrote:
> >>knows the frequencies for the "Airfone" or "SkyRadio" services.
> > ^^^^^^^^
>
> >Hmmm, so far nobody knows the frequency for "SkyRadio"...
> >SkyRadio has live news, sports, talk, etc. I heard Monday Night
> >Football on it during my flight.
>
> SkyRadio comes direct from satellite to the planes.
>
>
> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
> Intel Corp.
> American Fork, UT

2421. PRO-39 HELP!!

Newsgroup: rec.radio.scanner
Date: 1994-09-16 16:49:50 UTC
From: allds@indirect.com
Message-ID: <allds.49.0010D525@indirect.com>
Source record: 268565

I just got a new Pro-39 and am fairly new to scanning....I understand what im doing (sort of) .....BUT..... this pro-39 I got from a friend with no manual and it's alot different from my old 10 channel regency....

What I need is some-one to walk me through some of its operations, like how to set the scan range and what the pri and limit buttons are for and the mon button...and a few other items....if some-one could Please E-mail me and be patient with me and walk me through this...I would be greatfull!!!

Thanks alot

-John-

_/_/_/

2422. My New Telescopic Scanner Antenna

Newsgroup: rec.radio.scanner
Date: 1994-09-16 17:12:15 UTC
From: horak@convex.com
Message-ID: <35cjlf$m1b@eugene.convex.com>
Source record: 268551

I went by the Radio Shack today to pick up my free 95 catalog (coupon) and noticed a CB on sale that had a nice looking telescopic antenna with a TNC connector on it. I told the RS guy that it would be nice to have the antenna since it would surely outperform any scanner antenna they had, including the $9.95 model (20-006) with the center coil. He told me he would sell it to me and order a replacement from Tandy Parts. I bought it for $20 and a TNC/BNC adapter to go with it. The bottom line is that it works MUCH better than the other center loaded whip (20-006) on the 30-54 MHz band and I can't wait to get it home and see how it does on shortwave with my Yupi scanner!

If you're interested in the antenna, ask for a replacement whip for the TRC-226 40 channel CB (21-1665 - 1994 catalog only).

David

2423. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-16 17:13:45 UTC
From: tweek@netcom.com
Message-ID: <tweekCw8Fux.K0y@netcom.com>
Source record: 268665

mpalmer@encore.com (Mike Palmer) writes:
>
>Are you kidding? I wish I had a dollar for every Radio Shack employee through
>the years who, in response to "Where can I find such & such", they respond
>"we don't carry it". I patiently ask for the store copy of the catalog,
>point out the item, and "Oooohh, that!" comes out. Basically they just can't
>be bothered to know what a Radio Shack sells.

And then there's the "Librarian Syndrome" employee:

[Customer enters The Shack confident with the fact that he knows exactly
what he wants and "where" in the store he can find it... but before he
gets 10 feet in the door, a SaleDroid jumps him (must be a slow day... or
a new Droid]

SD: Good Morning, Can I help you find something?

Cstmr: I just came in to get a few 12 volt regulators.

SD: Do you have the Catalog Number?

Cstmr: No thanks, I can find them, I know exactly where they are.

SD: If you use the Catalog, you can be sure you are getting the
correct item... Oh, is that what you need?

Cstmr: Yes

SD: Are you sure? Maybe you should check the catalog.

Cstmr: Nope, this is it.

SD: Will that be everything? We have a sale on VCR's today.

Cstmr: No, that's all I need.

SD: Your sure?

Cstmr: I'm sure.

SD: Last four digits of your phone number.

Cstmr: NONE [best used when buying telephone products ;)]

SD: ... [but that's another thread]

2424. Re: Need Advice On Scanner Purchase

Newsgroup: rec.radio.scanner
Date: 1994-09-16 17:19:44 UTC
From: horak@convex.com
Message-ID: <35ck3g$qdu@eugene.convex.com>
Source record: 268546

In <35chgk$169@news.service.uci.edu> eaeu330@rigel.oac.uci.edu (Steven Chin) writes:

>I'm new to this group and about to purchase a scanner. I want a handheld one
>for portability. I have been to RS and haven't really seen anything I want in
>a handheld there. I have seen several Uniden Bearcat models. I tried one out
>and it seemed good enough for me. I forgot what model it was but it was yellow.
>The store I went to was selling it for $249. Is that a good price? Does anyone
>have any other recommendations at that price range?

That sounds like the Sportcat. I don't know much about it but I think
you can get it for under $249. As far as the Radio Shack scanners, the
reason you didn't find one you liked may be because RS has recalled
most of them :-) The Pro43 is a good choice for a handheld but you may
have to pay between $300 and $350 for it. If you want cellular
capability you may want to find one manufactured with a date code prior
to 4A4 (April 94).

David

2425. Re: Phone number for Merimac?

Newsgroup: rec.radio.scanner
Date: 1994-09-16 17:26:04 UTC
From: shawn4sk1@aol.com
Message-ID: <35ckfc$pos@newsbf01.news.aol.com>
Source record: 268650

spelled Marymac, 1-800-231-3680, fax 713-574-4567

soliver@ozarks.sgcl.lib.mo.us

2426. Re: My New Telescopic Scanner Antenna

Newsgroup: rec.radio.scanner
Date: 1994-09-16 17:39:07 UTC
From: horak@convex.com
Message-ID: <35cl7r$6u1@eugene.convex.com>
Source record: 268652

Another option that works nice on low band is the VHF dipole that RS sells for TV sets (15-235 on page 104 of 1995 catalog). You can get the 300 to 75 ohm adapter (15-1253 on page 107) and the F to BNC adapter (278-251 on page 109) and you're in business. The antenna opens up to 8 feet (about 65 MHz wavelength) and works great for the 30-54 band. You can shorten the dipole length for higher freqs. I've found it to be VERY directional on VHF freqs and useful for direction finding on those interesting cordless freqs :-) The antenna is a bit more cumbersome to use than the CB antenna I referred to in the previous post.

FYI,

David

2427. ***<< DTMF decoder demo CAN NOW BE DOWNLOADED >>***

Newsgroup: rec.radio.scanner
Date: 1994-09-16 18:33:58 UTC
From: shima@eel.ufl.edu
Message-ID: <35coem$rts@huron.eel.ufl.edu>
Source record: 268556

I have placed the DTMF decoder demo on the internet at oak.oakland.edu
in the directory /pub/hamradio/incoming. Use FTP to download it, log
in as anonymous.

If the keeper of the archive doesn't move it or delete it, that's where
I placed it.

Good luck!

-J.M. Shima

2428. Re: Grove Catalog, Motorola Cellphones

Newsgroup: rec.radio.scanner
Date: 1994-09-16 18:56:51 UTC
From: ah337@cleveland.Freenet.Edu
Message-ID: <35cppj$p7p@usenet.INS.CWRU.Edu>
Source record: 268557

grove phone number is 1800-438-8155...
hope this helps.

2429. Re: Help! scanning CB radio needed soon.

Newsgroup: rec.radio.scanner
Date: 1994-09-16 19:20:10 UTC
From: ah337@cleveland.Freenet.Edu
Message-ID: <35cr5a$qcn@usenet.INS.CWRU.Edu>
Source record: 268554
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.cb,misc.wanted,misc.forsale

i had about 15 years ago a radio shack trc-459 it will do all you want to.
it was a good radio, you may want to put out a call for one.
you may find one somewere!!!
hope this helps..

2430. Recomendations - Hand held scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-16 19:56:04 UTC
From: bradhall2@aol.com
Message-ID: <35ct8k$s5e@newsbf01.news.aol.com>
Source record: 268657

I know very little about scanners and I have to find a hand held scanner for my boss $200-$300 range. Most bang for the buck. Also one that can be modified to scan 869-896mhz.

2431. Pro51 birdies (a few found)

Newsgroup: rec.radio.scanner
Date: 1994-09-16 20:11:50 UTC
From: horak@convex.com
Message-ID: <35cu66$28d@eugene.convex.com>
Source record: 268658

I got curious and opened up my Pro51 today (at an ESD safe workstation :-) and it is incredibly easy to take apart. If there ARE hardware mods, they should be easy to complete (my unit is a 11A3 date code). I wouldn't mind getting rid of the BEEP! Anyway, I don't have a schematic but I did notice a 10.35 MHz crystal piggybacked on top of a logic board (directly behind the date code on the back cover). I noticed while playing with the search function that each birdie I found was a multiple (harmonic) of the 10.35 crystal.

10.35 MHz crystal =

31.05 MHz
41.40 MHz
51.75 MHz
113.85 MHz
124.20 MHz (Weak signal but search DID stop on frequency)

The frequency of 134.55 MHz did not seem to be affected at all.

FYI,

David

2432. Re: Silent Play info

Newsgroup: rec.radio.scanner
Date: 1994-09-16 20:20:11 UTC
From: wier@merlin.etsu.edu
Message-ID: <wier-1609941420110001@csci-wiermac.etsu.edu>
Source record: 268558

In article <355uog$n5t@nyx10.cs.du.edu>, chowes@nyx10.cs.du.edu (Chester Howes) wrote:

| If your local radio shack doesn't still have any, ask 'em to find one for
| you. They should be able to ask the district office if any are still
| there.
|

They are still pretty findable in the Dallas area. When I decided I wanted a second one, I found it in the first store I tried (covered with dust...) at $15. The sales person may not recognize what you are talking about if you call it a radio, though. It's more likely described as a video game accessory (which was the way it was marketed)...

These are pretty useful, if limited in range, for this price...

======== insert usual disclaimers here ============
Bob Wier, East Texas State U., Commerce, Texas
keeper of the Adobe Photoshop, MC68HC11, ICOM and
Overland-Trails mailing lists <> wier@merlin.etsu.edu

2433. 46.0 Mhz Directional Ant.

Newsgroup: rec.radio.scanner
Date: 1994-09-16 20:59:00 UTC
From: steven.barrow@canrem.com
Message-ID: <60.8593.5773.0N1AFF7B@canrem.com>
Source record: 268571

Would anyone have plans for a 46.0 Mhz directional antenna? I am
trying to pinpoint the cordless phones in my neighborhood.

---
* OLX 2.1 TD * Internet: steven.barrow@canrem.com Fido: 1:229/15

2434. CTCSS for Pro-2006?

Newsgroup: rec.radio.scanner
Date: 1994-09-16 20:59:00 UTC
From: steven.barrow@canrem.com
Message-ID: <60.8592.5773.0N1AFF7A@canrem.com>
Source record: 268573

Is there anyway I can modify my Pro-2006 to decode/ignore the CTCSS
that the OPP (Ontario Provincial Police) use without effecting any
other scanner fuctions?

---
* OLX 2.1 TD * Internet: steven.barrow@canrem.com Fido: 1:229/15

2435. Re: Any experience with ICOM AR-8000? (LONG!!)

Newsgroup: rec.radio.scanner
Date: 1994-09-16 21:44:01 UTC
From: schuster@panix.com
Message-ID: <35d3j1$pp9@panix3.panix.com>
Source record: 268663

In article <35cblj$jfq@eugene.convex.com>,
David Horak <horak@convex.com> wrote:
>>MAIN FEATURES
>>Programmable Scan & Search including Free, Delay, Auto, Level & Mode
> ^^^^^
>
>Does the AR8000 have a MANDATORY 2 second minimum delay on ALL channels
>like the Yupi MVT-7100?

The factory default in "new user" mode is 2 seconds. Once you activate
"Expert mode" you can change the delay from zero to 9.9 sec. It cnanot be
changed on a channel per channel basis, or on the fly.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2436. The bug bit

Newsgroup: rec.radio.scanner
Date: 1994-09-16 21:44:39 UTC
From: allen@tricetv.ColumbiaSC.NCR.COM
Message-ID: <Cw8sEG.54I@ncrcae.ColumbiaSC.NCR.COM>
Source record: 268542

Hi all! I'm new to the net and to scanning. My son has a Uniden 10 channel scanner he got as a gift a couple of years ago. I found it in the bottom of his closet about a month ago and started playing with it. I started reading this newsgroup around the same time. The bug bit me and I got my PRO2006 last Saturday. All I can say is WOW!! If you are debating about getting a 2006 then I say just get it. You won't be disappointed.`

Now a couple of questions.
What's a good range to search for military air. There is an AF, Air NG, and and Army base within 30 miles of my house near Columbia, SC. I got the RS discone antenna when I got my 2006, so I should be able to pick these up. Everything else is loud and clear!

If I do the scan speed mod, will I still have a high and low scan speed? Will the speed button still work?

Thanks. Please post or E-mail.

P.S. My wife loves the cordless freqs. Kept me out of the doghouse when she asked how much my new toy cost.

2437. Re: AR-8000 WANTED

Newsgroup: rec.radio.scanner
Date: 1994-09-16 22:09:32 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.217.0010292A@CCCS.UMN.EDU>
Source record: 268559
Cross-posted to: rec.radio.scanner,rec.radio.swap,alt.radio.scanner

In article <35ajud$96a$1@mhadg.production.compuserve.com> Lauren Reitman
<73327.3472@CompuServe.COM> writes:
>From: Lauren Reitman <73327.3472@CompuServe.COM>
>Subject: Re: AR-8000 WANTED
>Date: 15 Sep 1994 23:04:45 GMT

>Does anyone have a AR-8000 for sale, or know where I can get one?

I got mine from Jonathan Clough at Javiation in the UK. The final cost
was 395 pounds plus 34.14 in duties. You can reach them at:

Javiation: 011.44.274.732146
100117.535@compuserve.com
clough@javiaton.demon.co.uk

Supposedly a number of US vendors will be getting stocks of the US version
in the next few weeks. You could try EEB (800.368.3270) or Grove
(800.438.8155). The only significant differences are that the US version
will have the default mode programmed according to the US band plan; and
of course, the US version has the cellular frequencies deleted.

--rick

2438. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-16 22:31:08 UTC
From: wwhitby@aol.com
Message-ID: <35d6bc$1l5@newsbf01.news.aol.com>
Source record: 268666

As an aside, my sister is a mass communications (broadcast/print media) major and she has already been informed by her instructors that a scanner is one of the most useful tools that you can have as a journalist.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

2439. Re: BC2500XLT, Double or Triple Conversion?

Newsgroup: rec.radio.scanner
Date: 1994-09-16 22:33:04 UTC
From: wwhitby@aol.com
Message-ID: <35d6f0$1m8@newsbf01.news.aol.com>
Source record: 268667

Is the BC890 a double conversion or tripple conversion? I've seen ads
and reports that have it both ways.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

2440. Re: Glen Roberts

Newsgroup: rec.radio.scanner
Date: 1994-09-16 22:46:28 UTC
From: gcortevi@nyx10.cs.du.edu
Message-ID: <35d784$b2d@nyx10.cs.du.edu>
Source record: 268670

jerry@hnrc.tufts.edu (Jerry Dallal) writes:

>> What does all the Glen Roberts drivel about the FBI, letters from
>> lawyers and other people that attack him have to do with rec.radio.scanner ?

>Some people refuse to learn about kill filters and switches unless they're
>given sufficient motivation. 8-)

By the way, how do I set up a kill filter under nn? :) No... Seriously.
I do in fact want to know how.

--
Greg Corteville | "We are the knights who say Nee!"
gcortevi@nyx10.cs.du.edu | - Monty Python's QFTHG
gcortevi@trident.lbs.msu.edu |
---[PGP Key available via finger]-----------------------------------

2441. Wanted VHF DOPPLER system

Newsgroup: rec.radio.scanner
Date: 1994-09-16 22:54:42 UTC
From: "E.Hutchinson-N8XHP" <hutchine@river.it.gvsu.edu>
Message-ID: <Pine.HPP.3.90.940916185306.21474G-100000@river.it.gvsu.edu>
Source record: 268671

Hello to all...I am looking for an add on VHF DOPPLER reciever. If
any one has a unit laying around that they would like to sell for a
resonable price...PLEASE let me know by personal E-mail...
TNX in advance and 73 to all...

=-=-=-

2442. Re: Pro-43 Hunters, Beware...

Newsgroup: rec.radio.scanner
Date: 1994-09-16 23:32:05 UTC
From: berling@alleg.edu
Message-ID: <35d9tl$274@mustang.alleg.edu>
Source record: 268563

In article <4HqTkiubGw73066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:
>
> Just wanted to warn everyone of a possible trend...

Refreshing: after all the recent flaming on the 'net (at least the newsgroups I read on a regular basis), someone who used the net for one of it's most divine purposes -- to warn others of a potential consumer problem (in a relatively expensive hobby!) Thanks!!

Not to be offensive, but am I the only one that is bored of Glen Roberts' stories -- don't we all have our own?

Gordon

--
Gordon Berlin | berling@alleg.edu
Hershey Fire Co. | Allegheny College
Hersheypark Security | Meadville, PA
Hershey, PA |
Future law enforcement officer (with God's help)
"When all else fails, get a bigger hammer."
e, but am

2443. Manitoba

Newsgroup: rec.radio.scanner
Date: 1994-09-17 00:09:43 UTC
From: uq247@freenet.Victoria.BC.CA
Message-ID: <1994Sep17.000943.14894@freenet.victoria.bc.ca>
Source record: 268537

If any one need's the freq for Brandon,Manitoba,Canada e-mail me.
--
Mark Cranwell

2444. Re: Windows Software for Opto OS456?

Newsgroup: rec.radio.scanner
Date: 1994-09-17 00:54:17 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <35denq$lkp@umcc.umcc.umich.edu>
Source record: 268672

Opto 456 Windows...RM.zip at FTP site oak.oakland.edu
*Les

2445. Re: Windows Software for Opto OS456?

Newsgroup: rec.radio.scanner
Date: 1994-09-17 02:07:52 UTC
From: schuh@phys.unca.edu
Message-ID: <35dj1o$qss@balsam.unca.edu>
Source record: 268533

Les Butler (lbutler@umcc.umcc.umich.edu) once wrote:

: Opto 456 Windows...RM.zip at FTP site oak.oakland.edu
: *Les

The file is currently located in:

/pub/hamradio/incoming

I don't know how long it will be there, but I gotta run and check this
program out!

Later y'all,
Paul

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

2446. Re: Glen Roberts

Newsgroup: rec.radio.scanner
Date: 1994-09-17 02:09:45 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep16.210945.2913@hnrc.tufts.edu>
Source record: 268531

In article <35d784$b2d@nyx10.cs.du.edu>, gcortevi@nyx10.cs.du.edu (Greg Corteville) writes:
> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
>
>>> What does all the Glen Roberts drivel about the FBI, letters from
>>> lawyers and other people that attack him have to do with rec.radio.scanner ?
>
>>Some people refuse to learn about kill filters and switches unless they're
>>given sufficient motivation. 8-)
>
> By the way, how do I set up a kill filter under nn? :) No... Seriously.
> I do in fact want to know how.

I did some checking. There is an nn newsgroup! news.software.nn
There is a detailed FAQ that explains everything you'd want to know about nn, including kill files.

2447. Re: Windows Software for Opto OS456?

Newsgroup: rec.radio.scanner
Date: 1994-09-17 02:55:08 UTC
From: schuh@phys.unca.edu
Message-ID: <35dlqc$sdm@balsam.unca.edu>
Source record: 268544

Paul Schuh (schuh@phys.unca.edu) once wrote:
: Les Butler (lbutler@umcc.umcc.umich.edu) once wrote:
: : Opto 456 Windows...RM.zip at FTP site oak.oakland.edu
: : *Les
: The file is currently located in:
: /pub/hamradio/incoming

Without an extensive review and operation, I have two things to say
regarding Radio Manager for Windows.

1] Wow! This beats the heck out of the software that came with my OS456.

2] My check to register the program will be in the mail tomorrow!

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

2448. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-17 03:11:41 UTC
From: Al Gunn <agunn@delphi.com>
Message-ID: <JE0yHtd.agunn@delphi.com>
Source record: 268534

In my opinion rat shack employees are total itiats!!!

2449. Pro2032 Mods Wanted

Newsgroup: rec.radio.scanner
Date: 1994-09-17 03:12:01 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <779806855@f747.n115.z1.ftn>
Source record: 268522

-=> Quoting Bob Wright to All <=-

BW> I checked at all the ftp sites that I know of, but couldn't
BW> find the mods for the pro2032.. Any help??
BW>
BW> The 2032 has lousy (i.e., nil) image rejection. Is this true
BW> for the other RS scanners (except for the 2004/5/6)?

The 2032 is a double conversion unit and may not perform as well as a
2004/5/6. Doesn't surprise me that it has an image rejection problem.
Most double conversion units do.

Product...Realistic PRO-2032 by Radio Shack
for units with date codes 4A4 and under
Purpose...Modify for continuous 800 Mhz coverage
in appropriate 30 Khz steps where applicable

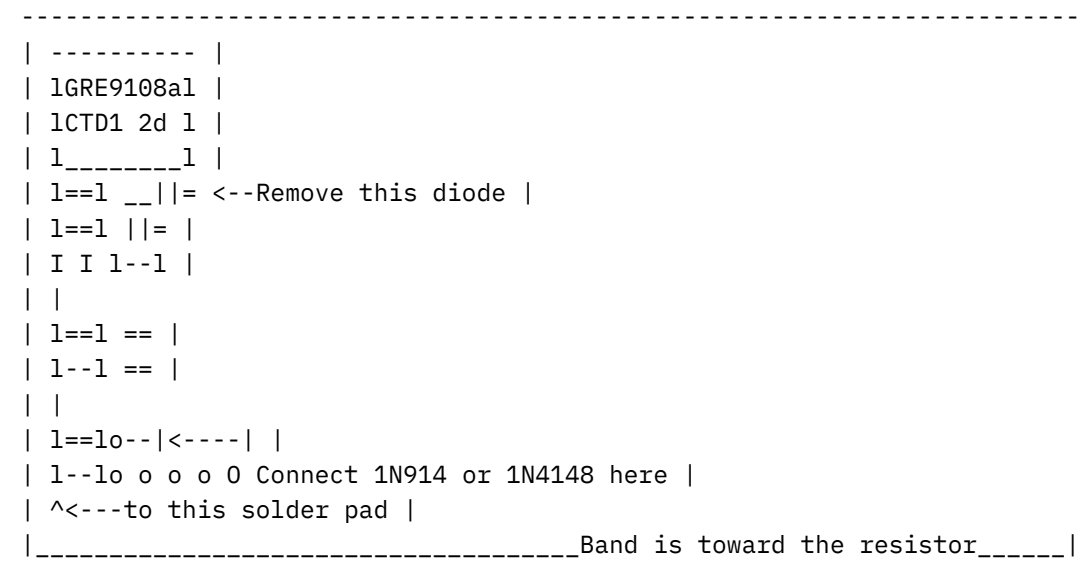
Updated 7/94

** This modification is only valid for units manufactured before 4/94.
** Disclaimer...All modifications are done AT YOUR OWN RISK.
** Performing this modification may void your warranty.
** Perfroming this modification may enable certain portions of the 800 Mhz
band that is illegal to monitor under federal U.S. law.
** I strongly suggest taking ESD precautions by getting a static strap as
this involves work with static sensitive devices. Any electronics store
should have one for purchase.

This information is from the June, 1994 issue of Monitoring Times, p.
112.

Required equipment...small-tip soldering iron, small gauge rosin core
solder, desoldering wick, Phillips screwdriver, 1N914 or 1N4148 diode.
1. With the scanner unplugged from power, remove both upper and lower
covers (foru screws in the rear of the cabinet), taking care not to damage
the speaker wires.
2. Set the scanner upside down with the back facing you. Locate the
microprocessor shield (upper left corner near volume and squelch controls).
Unsolder and remove the shield.
3. Refer to the diagram and locate the three-legged diode at the lower
right of the microprocessor chip. Carefully unsosolder and remove this
diode.
4. Referring to the diagram, place a 1N914 or 1N4148 switching diode
across the solder pads as shown. (NOTE POLARITY) Remove any excess leads
and carefully solder it in place. Be sure it's leads will not contact any
other components, paths or the reassembled shield. A small piece of tape

may be used as insulation if necessary.
5. Plug the scanner into power, turn it on and test the unit by entering
any frequency that may have been blocked in the 800 Mhz range.
6. If successful, unplug the unit and reassemble the scanner.



Jerry

2450. Help: Regency 1040 scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-17 03:21:55 UTC
From: rbn@apple.com
Message-ID: <35dncj$9rr@apple.com>
Source record: 268540

I picked up a Regency 1040 scanner recently. It accepts a frequency into the VFO with no difficulty, but when I attempt to write that frequency into a memory channel it doesn't take...when I switch from manual to scan, the stored frequency isn't there.

I suspect the channel RAM is bad...but before I open up the radio (I don't have a schematic), I thought I'd ask about it here...does the 1040 have a discrete RAM chip, or is it part of the CPU? My guess is the former, since the radio (a) allows frequency entry and (b) scans like it's supposed to...it just scans whatever garbage it finds in channel RAM. If there is a RAM chip, what is it?

Right now the radio is a cheap li'l 1-channel receiver with no frequency backup on shutdown...but I'd really rather it be a 10-channel scanner with a row of blinky lights (I've owned many scanners, from a Regency M-400 to a Yupi 7100... but never one with a row of blinky lights!).

rbn@apple.com

2451. antennae info please

Newsgroup: rec.radio.scanner
Date: 1994-09-17 03:30:24 UTC
From: Al Gunn <agunn@delphi.com>
Message-ID: <Jm+QnBQ.agunn@delphi.com>
Source record: 268536

nt that could search a range of at least 60 miles or more. As of now I have the stock rubber duckie type.
Your help would be greatly appreciated.

2452. Re: Freqs for Washington State

Newsgroup: rec.radio.scanner
Date: 1994-09-17 03:41:07 UTC
From: roscobind@aol.com
Message-ID: <35dogj$70i@newsbf01.news.aol.com>
Source record: 268539

In article <35a65j$an3@fh18c.mdd.comm.mot.com>, prager@mdd.comm.mot.com (David Prager) writes:

What exactly are you looking for. I have quite a bit of stuff from the FCC files and can do some looking for you if you like.....

Rosco Bookbinder
Sysop Ralphs Place BBS
Spokane (509)326-7282
IceNET @5909
WWIVnet @14125
GLOBALnet @5

2453. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-17 03:46:25 UTC
From: Bill McCall <70003.4300@CompuServe.COM>
Message-ID: <35doqh$h25$1@mhade.production.compuserve.com>
Source record: 268538

"
Of course not all the people who go through airport security end
up on the planes. When I go to the airport to drop off or pick
up travelers, I usually bring a scanner into the terminal and
have yet to be challenged by 'airport security'."

My experiences are the same as yours. Having traveled by air a
few thousand times, MOST airport security won't have a problem
with a electronic device if you can operate it. (Something I
couldn't always do with my oscilloscope when there was no AC
outlet available. That reminds me of something I have always
wondered. Why is security, especially airport security a,
minimum wage job in this country? <US>

--
Clowns to the left of me, Jokers to the right, here I am stuck in
the Internet with you!

2454. Info. Request on BC55XLT

Newsgroup: rec.radio.scanner
Date: 1994-09-17 07:19:03 UTC
From: browere@einstein.cs.ucdavis.edu
Message-ID: <35e597$rn3@nic-nac.CSU.net>
Source record: 268572

I am considering the mail-order purchase of a Uniden BC55XLT.
As I am not able to see it in person, I was wondering if anyone
has had experience with or exposure to this model.

Specifically- Is it a decent quality model, what freq. ranges does it
cover/not cover and is it modifiable?

Thank you in advance.

Eric
.

2455. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-17 08:21:24 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Sep17.002124.4557@cmkrnl>
Source record: 268567

In article <359pq0$ic8@thecourier.cims.nyu.edu>, jackson@longlast.cs.nyu.edu (Steven Jackson) writes:
> In the same session that prompted my "stupid salesdroid tricks"
> thread, the guy finally wanted me out of his face, and while
> asking him about mobile powering options, I showed him
> a lighter adapter I have whose plug fits into the HTX202.
> When I prompted him about the suitability of a 250VA
> fuse, he replied, "yeah, sure, that should be just fine..
> have a good day."

Well, yes, it should be.

The voltage rating on a fuse is like that on a capacitor -- you can use the fuse in lower-voltage circuits without problems.

As for the current rating, it should be about 1.5x to 2x the rig's maximum needs. 1.5x for slow-blow fuses, 2x for fast-blow.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

2456. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-17 08:46:55 UTC
From: rowley@cix.compulink.co.uk
Message-ID: <Cw9n28.1GG@cix.compulink.co.uk>
Source record: 268616

What about their dreadful habit (here in the UK, anyway) of asking every time you go in for a resistor for your name and address. "Just so we can send you a catalogue, Sir!" I have *never* been sent anything by Tandy, and now refuse point blank to play ball. In fact it is so irritating I hardly ever use the shops now.

rOWLEY.

rowley@compulink.co.uk

2457. What would a diff. antenna buy me?

Newsgroup: rec.radio.scanner
Date: 1994-09-17 08:48:21 UTC
From: stiemark@astro.ocis.temple.edu
Message-ID: <35eagl$oiq@cronkite.ocis.temple.edu>
Source record: 268545

I have a Pro51 with the antenna it came with. What exactly would I gain if I would switch to a different antenna? The local RS droid said none. He also didn't know why the 51's were pulled from his store either (and was surprised to find out).

I'm just looking for a better _portable_ antenna, not a house-mounted one.

Thanks!

2458. Re: The bug bit

Newsgroup: rec.radio.scanner
Date: 1994-09-17 11:52:39 UTC
From: g9153402@huey.csun.edu
Message-ID: <35ela7$dvr@nic-nac.CSU.net>
Source record: 268555

Allen Currin (allen@tricetv.ColumbiaSC.NCR.COM) wrote:

> If I do the scan speed mod, will I still have a high and low scan speed?
> Will the speed button still work?
> P.S. My wife loves the cordless freqs. Kept me out of the doghouse when
> she asked how much my new toy cost.

I've yet to do the speed mod on mine, since it only results in a 13% speed up. I've also haven't done it, since if I don't like it, the diode is wedged in that hard-to-get corner in the back of the front panel. A bit difficult for me to get back in there with a soldering gun. I did do the 800 mhz mod, and that works perfectly.
But people who have done it, do say the 'speed' button still works, but at proportionally higher speeds. Also, the 'delay' button still works too, but the 2 second delay is 13% less, so it is still useful.

2459. Re: STATE PATROL FREQS (text)

Newsgroup: rec.radio.scanner
Date: 1994-09-17 12:52:00 UTC
From: sysop@pfzrfsg.com
Message-ID: <29e.2981.21@pfzrfsg.com>
Source record: 268570

```
* In a message originally to ALL, M Antos (mantos@aol.com) said:

MA> In article <351174$ojb@linda.teleport.com>, tampico@teleport.com (Joe
MA> Hamelin) write: All the CT state frequencies he lists are inaccurate, The
MA> SP have gotten a trunked system...

Why don't you post the new frequencies?

---------------------------------------------------------------------------
Internet E-Mail: sysop@pfzrfsg.com (System Supervisor)
---------------------------------------------------------------------------
```

2460. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-17 15:35:29 UTC
From: mjr@crl.com
Message-ID: <35f2c1$hhi@crl3.crl.com>
Source record: 268560
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3551g1$n06@thecourier.cims.nyu.edu> jackson@longlast.cs.nyu.edu (Steven Jackson) writes:
>There is a specific federal law that transmissions heard
>over the airwaves not intended for the general public are
>not to be shared by persons intercepting them.
>
.... stuff deleted ....

>I'd say, print it.
>--
> Work <-- (forwarded) Home
>jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

I agree that this law is the applicable one here. Of course a newspaper might take a chance and then use some kind of a "protecting our sources" argument, not ever revealing that the information was over heard on a scanner. A real newspaper might have the resources to defend themselves that way. I don't know if a school paper could get away with it.

--
matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70371,255 Internet: mjr@crl.com

2461. Re:Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-17 16:50:33 UTC
From: martin@cup.hp.com
Message-ID: <CwA9GA.7L@cup.hp.com>
Source record: 268562

Would it be feasible to use one of those headphone out-to-cassette adapters used by people with portable CD players? My thought is to put it in-line with a stereo to mono jack first.

2462. PRO2006 w/Opto456 & 6400 Channel Mod?

Newsgroup: rec.radio.scanner
Date: 1994-09-17 19:26:55 UTC
From: lancecr@netcom.com
Message-ID: <lancecrCwAGov.40o@netcom.com>
Source record: 268576

I've recently purchased a Pro-2006 (from my local RS no less) and I'd like to do the 6400 channel mod. I'd also like to add the Opto456 Computer Controller later.

My question: Are these two mods compatible?

I understand the memory mod well enough, but it looks like it involves adding a board with the new SRAM on it and I'm wondering if this will confuse the Opto456 in any way. Does anyone have a Pro-2006 with both mods installed?

Thanks for comments!
Lance
--
lancecr@netcom.com

2463. Help with BC200XLT Mod...

Newsgroup: rec.radio.scanner
Date: 1994-09-17 20:05:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.4465.3415@the-boss.com>
Source record: 268585

```
JJ>.du.edu>
JJ>Newsgroups: rec.radio.scanner
JJ>Organization: University of Denver, Dept. of Math & Comp. Sci.

JJ> I recently read a posting about Celluar Freqs Modification for a
JJ>Uniden BC200XLT.
TRY THIS--This is an OK Mod...
Uniden BC200/205 Business Band Restoration
-------------------------------------------------------------------------

Prior to performing this modification take the following precautions to insure
that damage does not occur to any component inside of your Uniden scanner.

A) Try to perform the modification in a low static electricity environment.

B) Avoid wearing wool clothing or walking across a carpet (in low humidity
areas) as well as touching your scanner or any component inside the
chassis.

Required tools: A small phillips screwdriver and a fine-pointed snipping tool.

MODIFICATION PROCEDURE ----------------------

1) Disconnect the antenna and slide off the battery pack from the scanner.

2) Remove the two screws from the back of the scanner plus the two screws that
hold the battery pack retaining spring in place as well as the spring
itself.

3) Carefully pry the bottom of the rear of the cover from the radio then
remove the cover.

4) Locate the two small screws at the base of the circuit board and remove
them. Gently pull the front panel from the mainframe at the BASE (the two
halves are connected by a plug so their will be some resistance) and
separate them.

5) Consult the illustration below and locate the IC labeled "UNIDEN UC-1147"
and the 10K chip resistor positioned above the letters "DEN" on the
integrated circuit. (The resistor will be color coded brown-black-orange).

+-----------------------------------------------------------+
| BC200/205XLT PC Board |
| |
| (Speaker) [] <------10k Chip Resistor |
| |||||||||||||||||| |
| - UNIDEN - ||||||| |
| - - - - |
```

6) Using the small wire cutters, cut the resistor in half. (Be careful as the resistor may shatter causing debris to scatter along the PC board). Be sure to remove all left over residue by blowing or brushing it away. The solder pad that the resistor was soldered to may peel up as you remove the resistor. You may peel the pad off if done carefully not to disturb the surrounding area or components.

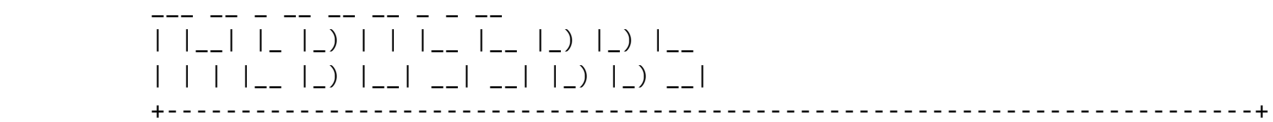
7) To reassemble insert the top of the front panel into the slot under the volume/squelch control panel while noticing the alignment of the dual in-line connector at the bottom of the board with the mating socket and finally pressing it (the front panel) in place. Be sure that the holes in the PC board line up with the holes in the plastic standoffs under the board.

8) Insert the two screws and gently tighten. Replace the back cover by inserting the top of the cover into the slot under the volume/squelch control panel. Press the cover into place, insert and tighten the screws. Replace the battery retaining sprint with the slotted side facing the notched hole. Insert the two remaining screws and gently tighten them. Slide the battery pack into place and switch the scanner on to make sure the display comes on. If not, check that the battery is charged and/or the battery retainer spring is properly mounted or dual in-line connector was misaligned during reassembly. Assuming the modification and the reassembly was successful, switch the scanner on, press manual, 845.0, E and within a couple of seconds you should see the frequency 845.000 MHz displayed. The modification is now complete!

Try it it is very easy to do.....

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com



2464. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-17 20:15:46 UTC
From: woodman@rain.org
Message-ID: <woodman.779832814@coyote>
Source record: 268587

blade@crash.cts.com (Robert Sweeton) writes:

>RADIO SHACK sells some very fine products such as their line of scanners
>and Short Wave radios, however I have had many problems with sales staff
>with regard to misinformation and generally poor service. Today I drove
>some 40 miles out of my way to retrive a scanner being held for me only
>to be told that it could not be sold to me despite a conversation with
>the salesman only 45 minutes earlier. Unit in question is the PRO 51
>which has been pulled. This is just one in a series of these types of
>miscommunications. IS IT JUST ME OR HAVE OTHER PERSONS ON THIS NET HAD
>PROBLEMS? PLEASE PASS THEM ON TO ME AS I INTEND ON COMMUNICATING WITH
>THE RADIO SHACK CEO.

>ROBERT

I only have one store to judge by, Goleta, California. The guys there and
the manager are great. Helpful, low bullshit and product knowledgeable.
--
-- | I believe that nothing is unconditionally
Michael Woodill | true, and hence I am opposed to every statement
| of positive truth and every man who makes it.
woodman@coyote.rain.org | H.L. Mencken

2465. Re: Any experience with ICOM AR-8000? (LONG!!)

Newsgroup: rec.radio.scanner
Date: 1994-09-17 20:19:51 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <779848258@f747.n115.z1.ftn>
Source record: 268521

-=> Quoting David Horak to All <=-

DH> I sent Yupiteru a letter several months ago
DH> concerning my gripe although I also praised them for what otherwise is
DH> a magnificent radio. I never received a reply from Yupi.

Maybe they are still trying to convert the English to their language.

Jerry

2466. Need Advice On Scanner Purchase

Newsgroup: rec.radio.scanner
Date: 1994-09-17 20:27:38 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <779848259@f747.n115.z1.ftn>
Source record: 268523

-=> Quoting Steven Chin to All <=-

SC> I'm new to this group and about to purchase a scanner. I want a
SC> handheld one for portability. I have been to RS and haven't really seen
SC> anything I want in a handheld there. I have seen several Uniden
SC> Bearcat models. I tried one out and it seemed good enough for me. I
SC> forgot what model it was but it was yellow. The store I went to was
SC> selling it for $249. Is that a good price? Does anyone have any other
SC> recommendations at that price range?

Hi, Steve...Welcome to the group. :)

The yellow scanner is only one manufacturer and model. The Uniden
Bearcat 150. Wal-mart here in IL had them on sale for $200 when they first
came out. Uniden also sells a 220XLT that is excellent for the price. RS
has a Pro-43 handheld, their top of the line at a top of the line cost. RS
also sells several others but have been temporarily pulled off the shelf.
These are the Pro-51, Pro-46 and Pro-23. Grab or scam a RS catalog
($2...cheaper if scammed) and check out some of the models in there. There
are several new offerings coming from them.

Jerry

2467. Scanning Tempe, AZ

Newsgroup: rec.radio.scanner
Date: 1994-09-17 21:45:17 UTC
From: allds@indirect.com
Message-ID: <allds.54.0015C1DB@indirect.com>
Source record: 268588

Im looking for anyone monitoring Tempe, AZ Trunked system.....If ya got a minute could ya please E-mail me..... I just got a quick question for ya.

Thanks

John

_/_/_/

2468. Scottsdale, AZ Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-17 21:49:39 UTC
From: allds@indirect.com
Message-ID: <allds.55.0015D487@indirect.com>
Source record: 268590

Can some-one please give me the freqs. for Scottsdale AZ.....Im pretty sure they are Trunked.

Thanks

-John-

_/_/_/

2469. Police DMV terminal frequencies (?)

Newsgroup: rec.radio.scanner
Date: 1994-09-17 22:11:02 UTC
From: vimx <vimx@delphi.com>
Message-ID: <pK5THRe.vimx@delphi.com>
Source record: 268586

I believe that police dmv terminals work on 300 baud so you should be able to hook up a Tandy Model 100 to a scanner and see what they are doing. Doeas anyone know any more info on this? What frequency they use in New York area?

2470. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-09-17 22:26:04 UTC
From: freefall@aol.com
Message-ID: <35fqds$lt1@newsbf01.news.aol.com>
Source record: 268569

In article <mike_diaz-180794122652@m12010.esl.com>, mike_diaz@smtp.esl.com (Mike Diaz) writes:

|>My point with this posting is that there are still
|>modifiable 2006's for sale.

Sorry, I know its here somewhere, but I jut got a 145A. Is this modifiable?? If, how?

Thanks!!!

2471. Airport Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-17 22:56:56 UTC
From: engleae@g222-05.nextwork.rose-hulman.edu
Message-ID: <35fs7o$2il@master.cs.rose-hulman.edu>
Source record: 268480

Hello! I am in the process of searching for frequencies used by two airports in the United States, those being Indianapolis International Airport and Washington (DC) National Airport. If anyone has any active frequencies for either or both of these airports, I would greatly appreciate you sending them to me!

Thanks in advance!

Andy Engle

(engleae@nextwork.rose-hulman.edu)

2472. Re: Any experience with ICOM AR-8000? (LONG!!)

Newsgroup: rec.radio.scanner
Date: 1994-09-17 22:58:25 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.218.0010F9C9@CCCS.UMN.EDU>
Source record: 268568

In article <35cblj$jfq@eugene.convex.com> horak@convex.com (David Horak) writes:
>From: horak@convex.com (David Horak)
>Subject: Re: Any experience with ICOM AR-8000? (LONG!!)
>Date: 16 Sep 1994 09:55:47 -0500

>>MAIN FEATURES
>>Programmable Scan & Search including Free, Delay, Auto, Level & Mode
> ^^^^^

>Does the AR8000 have a MANDATORY 2 second minimum delay on ALL channels
>like the Yupi MVT-7100?

The AR8000 allows you to independently set the search and scan delays between .1 and 9.9 seconds. It will also take a value of 0.0 for no delay and HOLD for an infinite delay. From my limited reading of the manual, this parameter is global in nature so you can't set it on/off for individual channels like you can on a Uniden or GRE scanner.

--rick

2473. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-09-18 00:17:42 UTC
From: g9153402@huey.csun.edu
Message-ID: <35g0v6$nan@nic-nac.CSU.net>
Source record: 268584

FreeFall (freefall@aol.com) wrote:
> In article <mike_diaz-180794122652@m12010.esl.com>, mike_diaz@smtp.esl.com
> (Mike Diaz) writes:
> |>My point with this posting is that there are still
> |>modifiable 2006's for sale.
> Sorry, I know its here somewhere, but I jut got a 145A. Is this
> modifiable?? If, how?
> Thanks!!!

To the best of my knowledge, the RS PRO-2006 has been discontinued,
and any place you may still find it for sale, is just selling any
remaining inventory. There are no 'new' 2006's that are being
introduced.
All PRO-2006's should be modifiable. I just purchased one, and I
modified mine. Radio Shack's successor to the 2006 will be the
PRO-2035. This model shouldn't be modifiable, to conform to U.S.
law. I say shouldn't, since it won't be out until next month.
But who knows... Once it's out, there may be someone out there
who buys one, takes it apart, and figures something out...

2474. mods at oak.oakland.edu

Newsgroup: rec.radio.scanner
Date: 1994-09-18 00:40:02 UTC
From: dooman@indirect.com
Message-ID: <35g292$9uq@herald.indirect.com>
Source record: 268574

Some one was looking for the mods at oak.oakland.edu ---

I found them in -

/pub/hamradio/mods

There are many different directories --- just about every different kind
of unit Ive ever heard of.

-- Dooman

2475. Anyone From AZ?

Newsgroup: rec.radio.scanner
Date: 1994-09-18 00:40:37 UTC
From: dooman@indirect.com
Message-ID: <35g2a5$9uq@herald.indirect.com>
Source record: 268575

Anyone else around here from Arizona?

--- Dooman

2476. Wanted manuals ic-r9000, r7100

Newsgroup: rec.radio.scanner
Date: 1994-09-18 00:53:36 UTC
From: val@kuentos.guam.net
Message-ID: <1994Sep18.005336.20348@kuentos.guam.net>
Source record: 268579

I am looking for manuals for two ICOM recievers. The IC-R9000 and IC-R7100.
I will pay for all costs to copy and send. I would like oringal but will
settle for copys.

Please e-mail me @ val.joncich@kuentos.guam.net

Val

2477. Re: What would a diff. antenna buy me?

Newsgroup: rec.radio.scanner
Date: 1994-09-18 01:44:32 UTC
From: davis_ru@news.delphi.com
Message-ID: <35g620$l0s@news.delphi.com>
Source record: 268577

stiemark@astro.ocis.temple.edu (Mark Stieffenhofer) writes:

>I have a Pro51 with the antenna it came with. What exactly would I gain
>if I would switch to a different antenna? The local RS droid said none. He
>also didn't know why the 51's were pulled from his store either (and was
>surprised to find out).

>I'm just looking for a better _portable_ antenna, not a house-mounted one.

>Thanks!

My brother has a PRO 46 that he sometimes hooks up to a 30 foot CB antenna...
Makes a HUGE difference!

2478. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-09-18 01:46:27 UTC
From: davis_ru@news.delphi.com
Message-ID: <35g65j$l50@news.delphi.com>
Source record: 268578

freefall@aol.com (FreeFall) writes:

>In article <mike_diaz-180794122652@m12010.esl.com>, mike_diaz@smtp.esl.com
>(Mike Diaz) writes:

>|>My point with this posting is that there are still
>|>modifiable 2006's for sale.

>Sorry, I know its here somewhere, but I jut got a 145A. Is this
>modifiable?? If, how?

>Thanks!!!

I have a PRO 2006 model 145A that I just bought and did the mod on -
works great...

2479. Re: Wanted manuals ic-r9000, r7100

Newsgroup: rec.radio.scanner
Date: 1994-09-18 02:49:37 UTC
From: dseitel@crl.com
Message-ID: <35g9s1$2gs@crl5.crl.com>
Source record: 268580

Val Joncich wrote:

> I am looking for manuals for two ICOM recievers. The IC-R9000
> and IC-R7100. I will pay for all costs to copy and send. I
> would like oringal but will settle for copys.

You might want to contact Icom at 1-206-454-7619. They don't seem to have a phone number for Guam. I suspect they can make the manuals available at typical Icom prices. The above number is their "customer service" number.

They have another number in southern California (the above is in Washington state): 1-714-852-8026. And in Oz: 03-529-7582.

David S. Eitelbach
dseitel@crl.com

2480. Re: PRO2006 w/Opto456 & 6400 Channel Mod?

Newsgroup: rec.radio.scanner
Date: 1994-09-18 02:53:31 UTC
From: schuh@phys.unca.edu
Message-ID: <35ga3b$9f4@balsam.unca.edu>
Source record: 268593

Lance Craig (lancecr@netcom.com) once wrote:
: I've recently purchased a Pro-2006 (from my local RS no less) and I'd
: like to do the 6400 channel mod. I'd also like to add the Opto456
: Computer Controller later.

: My question: Are these two mods compatible?

: I understand the memory mod well enough, but it looks like it involves
: adding a board with the new SRAM on it and I'm wondering if this will
: confuse the Opto456 in any way. Does anyone have a Pro-2006 with both
: mods installed?

I had the same question about the cell-freq mod. I called OptoElectronics directly, asked for tech support, and the guy I talked to said that there was no problem with the CELL mod working with the OptoScan456. It took about five minutes to make the call, and then you'll be guaranteed to know weather of not the 6400 freq mod works with the OptoScan456.

As a side note, I'd like to see a mod that will enable me to upload and download freqs to the scanner. It would be nice to have all the freqs I have in one database, then, let's say I go DC for the weekend, so I just upload the DC freqs into the 2006 and go to DC without having to drag along the PC or having to hand-enter all the frequencies.

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

2481. PRO-51 Mod: Removing Beep

Newsgroup: rec.radio.scanner
Date: 1994-09-18 02:57:45 UTC
From: moy@xp.psych.nyu.edu
Message-ID: <9409180302.AA03672@xp.psych.nyu.edu>
Source record: 268581

Hello fellow scanbots,

The following describes how I modified a PRO-51 to get rid of that awful beep. With this change, you won't be able to hear the low battery warning, either. I came up with this independently after failing to discover anything on the PRO-51 in the net.archives.

This procedure should void your warranty and may wreck your radio. Neither I nor my employer assume any responsibility for any damages you or anyone else may incur from this information!

==Radio Shack PRO-51 modification to remove !!BEEP!!==

This change was performed successfully on a unit coded "11A3." The CPU in this unit was marked "Uniden UC1581." Use the following information at your own risk!

Orientations are with the set flat on a work surface, LCD display facing down, with antenna BNC and knobs facing away from yourself.

As with any electronic instrumentation, remove all power and take all necessary precautions to prevent damage from electrostatic discharge (ESD).

CAUTION:

Be aware that parts of the circuitry will *still* be powered! There is a capacitor on the digital board that keeps the channel memory alive. This capacitor may contain enough energy to damage the electronics should a short occur.

Opening Case

Fortunately, this set is very easy to open. Open battery compartment and remove batteries. Remove four screws: two straddle the sticker on the back of the cabinet, two others at the upper part of the battery compartment. There are two small plastic detents at the floor of the battery compartment. They are directly downwards from the "-" and "+" legends, which are molded on an extension of the removable back. These detents will need to be unhitched to allow the back to separate from the front. Pull back off gently.

Remove RF board

The RF board is attached to the top panel, which contains the volume and squelch controls and the antenna connector. At this point, the board is essentially free and will separate from the

rest of the set when the header connector at the lower right is pulled apart. This header provides electrical connections between the two boards. Lift the RF board straight out, exposing the CPU board.

Remove shield from CPU board

The metal shield is held by four screws. The same screws also fasten the board, which forms part of the keyboard, to the front of the case. Remove screws and lift the shield straight out. Remember the correct orientation of the shield. Do not allow CPU board to come out of case. DO NOT drop any hardware on to this board, nor allow the shield to contact any of the components.

Cut circuit trace

The ASCII diagram below illustrates the area covered by the lower right corner of the shield that was just removed. Cut the trace that leads to the center one of three plated-through lands. Take care not to damage any components or other traces. Do not put excessive force on board. Remove any metal particles before re-assembly.

```
| |
[104] | |
| |
| |
[103] \ \
x | <--cut trace at "x"
| |
[102]--(o)(o)(o) <--three plated-through lands in a row

^ (O)--\ <--single, larger land
| |
| |
| +-----+ |
| | | |
|--|--|
three chip | | |
resistors |--|--|
| | |
|--|--|
| | |
|--|--| <--20-pin header connector
| | |
| | |
```

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

2482. Re: CTCSS for Pro-2006?

Newsgroup: rec.radio.scanner
Date: 1994-09-18 03:08:16 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <CwB21t.Hus@freenet.carleton.ca>
Source record: 268582

In a previous article, steven.barrow@canrem.com (Steven Barrow) says:

>Is there anyway I can modify my Pro-2006 to decode/ignore the CTCSS
>that the OPP (Ontario Provincial Police) use without effecting any
>other scanner fuctions?

If you look in the 1993 version of the "Haruteq Scanner Book
(Ontario Edition)" on page 155, there is a diagram of the modification
needed to ignore the PL tones for the Metro Toronto Police Department.

This will also work for any other PL tones.

You MUST be quite experienced in electronics to do this as it requires
quite a bit of extra parts and soldiering. Your best bet would be to
take the schematic to a known electronics repair shop to have it done.

If you don't have a copy of the 1993 edition of the book, E-Mail me
and I will send you a photocopy by snail-mail. Any other inquiries welcome.

Happy scanning!!

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

2483. Federal freq?

Newsgroup: rec.radio.scanner
Date: 1994-09-18 04:43:35 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.779863415@vela.acs.oakland.edu>
Source record: 268589

does any one have a recent list of fed.freqs?I found one through gopher
but it is from '90.please post or e-mail

Thanks in advance,

NCS

2484. WANTED:Syracuse,NY Freq.

Newsgroup: rec.radio.scanner
Date: 1994-09-18 05:30:32 UTC
From: jcpedrei@mailbox.syr.edu
Message-ID: <35gj9o$nlq@newstand.syr.edu>
Source record: 268591

Can someone give me a basic public service list on the Syracuse Area.
Thanks

Juan C.

2485. Disneyland Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-18 08:02:01 UTC
From: rtm@newton.apple.com
Message-ID: <rtm-180994090201@kip-71.apple.com>
Source record: 268602

Any help on interesting frequencies while at Disneyland in Anaheim, CA?
Please email or post 'em here.

--
73-
Bob Martin N6MZV * rtm@newton.apple.com
Apple Computer, Inc *

2486. Re: What would a diff. antenna buy me?

Newsgroup: rec.radio.scanner
Date: 1994-09-18 08:34:06 UTC
From: stiemark@astro.ocis.temple.edu
Message-ID: <35gu1u$stc@cronkite.ocis.temple.edu>
Source record: 268592

DAVIS_RULES@DELPHI.COM (davis_ru@news.delphi.com) wrote:
: stiemark@astro.ocis.temple.edu (Mark Stieffenhofer) writes:
: >I'm just looking for a better _portable_ antenna, not a house-mounted one.

: My brother has a PRO 46 that he sometimes hooks up to a 30 foot CB antenna...
: Makes a HUGE difference!

And this is portable?!? :-)

2487. pro 2002

Newsgroup: rec.radio.scanner
Date: 1994-09-18 08:58:21 UTC
From: netcam@io.org
Message-ID: <35gvfd$n4@ionews.io.org>
Source record: 268596

Hello everyone,

I have a ancient RS Pro 2002 scanner and I've no manual for it. Is there anyone out there who has one? Also is it possible to modify such a scanner?

Any help or comments appreciated!

ttyl

2488. Help finding USA Companys please...

Newsgroup: rec.radio.scanner
Date: 1994-09-18 09:26:53 UTC
From: tumeke@midland.co.nz
Message-ID: <35h14t$81v@news.midland.co.nz>
Source record: 268594

Hi, could some person from America help me find the FAX
numbers to some American Companys.
The reason why I am asking here, is because I dont wont to
spend money on a toll call from New Zealand to a Company in America,
to only get their FAX number. Local Telecom assistance advises
I ring the companys and ask for the Fax number because the companys
usually dont have a FAX listing, So......
here they Are:

Bel-Tronics,LTD.
8100 Sagl Pkwy.
Covington, Georgia 30209
800-341-1401 USA
800-268-3994 Canada

Cincinnati Microwave, Inc
5200 Fields-Ertel Road
Cincinnati, Ohio 45249
800-433-3487 USA
800-667-5452 Canada

Valentine Research
10280 Alliance Road
Cincinnati, Ohio 45242
800-331-3030
513-984-8900

Any help regarding the above companys would be much appreciated,
Just a reminder, I am after their Fax Numbers.

Thanks in advance.

Toby Te Rupe
44a Karaka Street
Hamilton
New Zealand.

2489. Wanting to buy Scanner...

Newsgroup: rec.radio.scanner
Date: 1994-09-18 09:34:22 UTC
From: tumeke@midland.co.nz
Message-ID: <35h1iu$81v@news.midland.co.nz>
Source record: 268595

Has anyone got a Scanner they want to sell?
I was looking for a Bearcat 200XLT, also hopefully the scanner will
have been modified already also.
The price rang I am looking at is at best $120 US Dollars.
Could someone possible help me out????

2490. Re: Anything better than "Police Call"?

Newsgroup: rec.radio.scanner
Date: 1994-09-18 10:59:08 UTC
From: vector@inferno.com
Message-ID: <3948MFMWXIBKDNEEBK@inferno.com>
Source record: 268597

IN>In article <7723MLVFASKONHEUWG@inferno.com>
IN>vector@inferno.com writes:

IN>> the
IN>> statewide version hasn't been updated since 1990, but is still quite
IN>> complete, while the bay area version (san francisco bay area), was
IN>> recently updated in 1993, and is quite accurate.

IN>And now updated for '94. Bought the '94 update from the
IN>author/publisher himself at the last Foothill swap meet....

really? it's about time!!!

vector
IN>Gary

2491. WINDOW'S SOFTWARE FOR THE OPTO456

Newsgroup: rec.radio.scanner
Date: 1994-09-18 12:08:16 UTC
From: dfleming@earth.execpc.com
Message-ID: <35hajg$mp@homer.alpha.net>
Source record: 268598

OAK.OAKLAND.EDU has RADIO MANAGER (rm.zip)

This is the software that I want to try when I get my 456.
It has a sample file included that lets you see how this thing
works. Also will decode tones, etc. I think it will let you load
banks of frequencies from the computer to scanner also.

I wish some people with the OPTO456 can tell us more about this team:
(opto456/radio manager for windows)

I think it's in pub/hamradio at oakland.....scan away...

2492. Re: WINDOW'S SOFTWARE FOR THE OPTO456

Newsgroup: rec.radio.scanner
Date: 1994-09-18 13:12:13 UTC
From: schuh@phys.unca.edu
Message-ID: <35hebd$psg@balsam.unca.edu>
Source record: 268599

Dan Fleming (dfleming@earth.execpc.com) once wrote:
: OAK.OAKLAND.EDU has RADIO MANAGER (rm.zip)

: This is the software that I want to try when I get my 456.
: It has a sample file included that lets you see how this thing
: works. Also will decode tones, etc. I think it will let you load
: banks of frequencies from the computer to scanner also.

: I wish some people with the OPTO456 can tell us more about this team:
: (opto456/radio manager for windows)

I am not the type of person who sits down in an easy chair and
reads docs for a program. With that in mind...

An Unbiased Review of Radio Manager as it works with the OS456.

At first glance, Radio Manager seemed to be exactly what I needed to
finish off my shack. Finally, I'd be able to control my scanner with
my computer WHILE working on the computer in Windows or OS/2.
(I switch back and forth depending on what I'm doing).

The interface appears fairly straightforward, until you start to
work with it. There are a few peculiarities with the interface, it
seems intuitive, but it doesn't always act that way. But, don't let
that dissuade you, remember, I didn't read the docs.

The program is processor intensive... so, don't try running any
heavy-weight programs in Windows and expect them to run efficiently.
In fact, Radio Manager made File Manager run sluggishly. (With
20 Meg Ram in my computer, I doubt is was tied up trying to manage
memory.)

Pick up the latest copy of Frequency Manager (a companion program that
makes Entering Frequencies into Radio Manager alot easier.)
I had a devil of a time finding it on the Internet, so I finally
brought out one of my several 10-hour free AOL trial membership
packages and got Frequency Manager off of AOL.

I have not YET been able to get Radio Manager to work under OS/2.
I'm still fiddling around with session parameters, and I'll let
y'all know when I get it working under OS/2. (And probably a
review of how much better it runs under OS/2... <grin>)

Radio Manager supports uploading/downloading to scanners that
support uploading/download. THE OPTOSCAN 456 DOES _NOT_ SUPPORT
UPLOADING/DOWNLOADING, so, you can't do it.

All in all, I like Radio Manager alot more than the software that came with the OS456. I sent my registration check in for it, and I hope that BSaladino will continue to improve on an excellent product.
Remember, there used to be a MS-DOS 2.01....

Later,
Paul

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

2493. Re: Cellphone Privacy

Newsgroup: rec.radio.scanner
Date: 1994-09-18 15:22:40 UTC
From: jdgan@freenet3.scri.fsu.edu
Message-ID: <35hm00$a57@freenet3.scri.fsu.edu>
Source record: 268604

Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) wrote:
: -=> Quoting Bruce James Robert Linley to All <=-

: BJRL> In ye olden post Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
: BJRL> spake... > -=> Quoting Rick Raymon Loebler to All <=-
: >
: > RRL> Once digital becomes more popular, how long do you think it would
: > RRL> take an enterprising Scanner manufacturer to manufacture a GSM or
: > RRL> DAMPS capable scanner !!!!.
: >
: > While it is possible for a scanner mfr. to design and market a digital
: >decoder, there would be some legal ramifications from the feds. See, the
: >ECPA of 1986 made it illegal to use or market a digital to analog decoder
: >for the puropose of listening to cellular phones.

: BJRL> So? It's illegal to sell frequency inversion descramblers, buy you see
: BJRL> kits and articles on how to build 'em all the time. Still legal to
: BJRL> date. Any type of cellular encryption is most likely not going to use
: BJRL> any kind of public/private key encryption, just plain ol' digital
: BJRL> audio. How will the new cell phones decode the digital audio? Probably
: BJRL> with a soon to be readily available descrambler IC. Magazines will no

: Wow!! A double hit!! Not only is someone going to listen to cellfones,
: which is against the law anyway, but now they will descramble the signal
: to top it off? Hopefully the radio police don't get wind of this one. :)
: Yes, someone will come up with a kit. It would be difficult to make these
: decoder kits illegal as anyone could say that they want secure
: transmissions and that is the purpose.

: BJRL> doubt publish do-it-yourself articles on how to use this chip in your
: BJRL> own descrambler.
: BJRL> Who knows, whatever digital format they use may find it's way into
: BJRL> other products as well. I can see the ads now. The New Fischer-Price
: BJRL> baby monitor with "CELLULAR SECURITY".
: BJRL>
: BJRL> What I want to know is, since the radio community as a whole is slowly
: BJRL> moving toward digital, will some digital transmission format be
: BJRL> defined as "unencrypted"?

: This was something that was discussed on CIS a while back. I think there
: will definitely be a digital format in the years to come. I would think
: that the format will be a standard format that everyone can use and follow.
: This format should be made available to the public so receivers and
: transmitters can be manufactured to comply with the digital format.

: Good post...Jerry
:
:::I think the prcedent for "digital does NOT equal encrypted" can be
:::found in the amature packet radio community.

2494. Re: What would a diff. antenna buy me?

Newsgroup: rec.radio.scanner
Date: 1994-09-18 15:38:39 UTC
From: pickled@ix.netcom.com
Message-ID: <35hmtv$gsp@ixnews1.ix.netcom.com>
Source record: 268601

In <35gu1u$stc@cronkite.ocis.temple.edu> stiemark@astro.ocis.temple.edu (Mark Stieffenhofer) writes:

>
>DAVIS_RULES@DELPHI.COM (davis_ru@news.delphi.com) wrote:
>: stiemark@astro.ocis.temple.edu (Mark Stieffenhofer) writes:
>: >I'm just looking for a better _portable_ antenna, not a house-mounted one.
>
>: My brother has a PRO 46 that he sometimes hooks up to a 30 foot CB antenna...
>: Makes a HUGE difference!
>
>And this is portable?!? :-)
>
A tad more portable (at 12") is the 'Condor' from Austin Antenna. They manufacture antennas for the public as well as a variety of government agencies and their products are top notch. The 'Condor' is flexible like a rubber ducky, but has tuned 1/4 wave elements for high band VHF, UHF and 800 mHz. I have been *very* happy with the results I've gotten with mine on my PRO-43. For decent low band VHF reception, you simply need a longer antenna. I use Austin's 'Spectra' w/the pole mount with my 2006. It stands inside the house (in a corner on the second floor), yet I get excellent results. Austin's products can be ordered from Radioware (800-950-WAVE). The 'Condor' is $28.49.

happy DXing & 73's,
Sandy

--
(Mr.) Sandy Herring | The brain: an enchanted loom |
| where millions of flashing shuttles |
pickled@ix.netcom.com | weave a dissolving pattern. |
Orange County, California | - Sir Charles Sherrington |

2495. Re: The bug bit

Newsgroup: rec.radio.scanner
Date: 1994-09-18 16:30:49 UTC
From: g9153402@huey.csun.edu
Message-ID: <35hpvp$8mc@nic-nac.CSU.net>
Source record: 268603

Allen Currin (allen@tricetv.ColumbiaSC.NCR.COM) wrote:

> P.S. My wife loves the cordless freqs. Kept me out of the doghouse when
> she asked how much my new toy cost.

Hmmm... You didn't 'really' have to tell your wife that you just spent what would have been your children's inheritance on your PRO-2006. You had a couple of choices here. You could have lied about what you paid (eg. "Radio Shack was selling out their last ones of these for only $50.00!"). But that would be risky, since she could have easily found out the prices. Better yet, tell her you were day-dreaming of a new scanner while mowing the lawn. All of a sudden you look up in your tree and see a box. You quickly climb up it and get the box. When you open the box, you can't believe your eyes and see this brand new, top-of-the-line, RS PRO-2006 inside! It must have been scanners from heaven. Or tell her an airplane must of dropped it out of the cargo hold while flying over your house. Using this excuse should keep you out of the dog-house when you tell your wife. She'll either immediately leave you after this, or more likely, won't say a thing, being more concerned about this sudden onset of mental illness that it looks like you have.
...Keep me inform on how it goes.

2496. Re: Disneyland Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-18 17:31:04 UTC
From: roscobind@aol.com
Message-ID: <35htgo$7ib@newsbf01.news.aol.com>
Source record: 268605

In article <rtm-180994090201@kip-71.apple.com>, rtm@newton.apple.com (Bob Martin N6MZV) writes:

I know some were in the Monitoring Times some time back. I'll look around and see if I can find them and post um. Unless someone beats me to it.

Rosco Bookbinder
Sysop Ralphs Place BBS
(509)326-7282
Spokane, Wa.

2497. Re: stupid salesdroid tri

Newsgroup: rec.radio.scanner
Date: 1994-09-18 17:56:00 UTC
From: mike.moffit@totembbs.com
Message-ID: <940921020213338@totembbs.com>
Source record: 268426

DB>>Yes, I have to agree that the RS salespeople are somewhat less informed
>>than salespeople in say a HI-FI store.

DB>Or people who work in a toll booth.

DB>>Just because one of them doesn't know the frequency of the secret service
>>office in tacoma on thursdays doesnt mean that the employee is an idiot.

DB>No, there are plenty other of reasons that mean he is. The fact that
>he works there at all is a big clue. The only person who would be
>more of an idiot would be someone who couldn't make it as a RS
>salesdroid, and has to admit the fact they they are a RS washout.

No need to be insulting there, Dave. I've worked for RS for 18 months.
I've also been running my own broadcast engineering company since 1991,
and have been employed in broadcast engineering since 1977. I have 2
FCC commercial licenses and an Amateur ticket.

RS employees receive enough training to answer the questions of about
99% of consumers. Then there's the 1% who, having no other pressing
duties or obligations (like, for example, a life), come into the store
to baffle the salespeople and amuse themselves. I enjoy them...because
I can usually sling the techno-babble right back at them and leave them
more confused than they were hoping to leave me.

I'll grant you that there's a small percentage of people at RS who would
be better off working at McDonald's. But I really hate generalizations.

 SLMR 2.1a I don't have a solution, but I *do* admire the problem!

2498. PRO-23

Newsgroup: rec.radio.scanner
Date: 1994-09-18 17:59:00 UTC
From: mike.moffit@totembbs.com
Message-ID: <940921020213339@totembbs.com>
Source record: 268427

BI> I'm curious why I haven't seen any messages about this scanner here.
>I got a flyer from RS that had it on sale for $179. It's a 50 channel
>hand-held with 800MHz. I called Marymac and they said they had already
>been recalled by Ft. Worth and didn't have any for sale. I checked a
>couple of local stores and they still had a few. Unfortunately, they
>were sold by the time I could get around to it.

BI>One of the local store mgrs did claim that he could still order them from
>Ft. Worth. True/false? Is it worth the effort of having him order one?
>Can cell be restored?

False. There were 4 scanners which, if sold, results in a fine from the
FCC and immediate firing of the salesperson. As the stuff in the flyer
was selected to go on sale about 6 months ago, and those scanners were
recalled about a week after the flyer was printed, not much could be
done about changing the flyer.

 SLMR 2.1a Don't sweat the petty things...just pet the sweaty things

2499. pro-43 forsale

Newsgroup: rec.radio.scanner
Date: 1994-09-18 18:20:44 UTC
From: jongchen@acs4.bu.edu
Message-ID: <35i0dt$ag9@news.bu.edu>
Source record: 268607

I have a Radio Shack Pro-43 cat no 20-300 for sale. Have had it for less than a year and it's in great condition. Price is $225 shipped COD. For more details on the scanner you can look in the radio shack cataloge. They're asking $349.99 for it. Please send e-mail to

jongchen@acs.bu.edu

Jong

2500. Re: Advice solicited

Newsgroup: rec.radio.scanner
Date: 1994-09-18 18:46:31 UTC
From: ddillon@csulb.edu
Message-ID: <35i1u7$3ds@garuda.csulb.edu>
Source record: 268608

D. Van Iderstine (dusty@svpal.org) wrote:
: At present I'm using a Pro-46 and have a discone on a 10' mast. I'm just
: about ready to buy a new base model and have no idea what to look for.
: I'm budgeting about $300+/-. Any suggestions, comments or anything?
: Dusty

The advice you got is absoultely right about the radio shack pro
2006. It is a killer scanner. i picked one up yesterday for $325 at my
local radio shack. The scanner has been discontinued for legal reasons
but there are still some available. It will probabally be the last one,
so you can tell them you want 10% off because it is most likely a display
model. that is what I did, and got a brand new one.
As for all the posts about being able to mod the scanner: the mod
is the easiest mod I have ever done, and it works flawlesly. Brand new
scanner (pro 2006) and the mod gives no problems. All you need is a
philips screwdriver and a little tiny wirecutters or even a fingernail
clippers for that matter. It took less than five minutes. The way i
look at it was if the mod didn't work, I would just have taken the scnner
back to rad shack for a refund as defective. (I hate that company, being
an x-employee.) Just behind the top right of the keypad you will find
two diodes. Clip the bottom one to open up freq conerage in the 800 mhz
band. To get to it you just remove two screws on the back and slide off
the top ... watch out for wires connecting top mounted speaker... it is cake.
As for the scanner itself, it is great. This is an upgrade for
me from the pro 34 i have had for a few years, and the pro 2006 hears a
lot more, I mean a lot lot more! god luck with your decision, and being
able too find a 2006 b4 they are all gone!!!
73 de Dan, KD6FPX

2501. Re: Police DMV terminal frequencies (?)

Newsgroup: rec.radio.scanner
Date: 1994-09-18 18:50:18 UTC
From: "Paul A. Miller" <pamiller1@delphi.com>
Message-ID: <JyyTnPq.pamiller1@delphi.com>
Source record: 268606

I cannot say what the Motorola terminals use for a baud rate, but K1EA's units/PacketCluster are 4800 baud with a proprietary chip. You cannot decode it without his unit.

Paul

2502. Mod For Uniden BC100XLT sought

Newsgroup: rec.radio.scanner
Date: 1994-09-18 19:01:12 UTC
From: nin42@aol.com
Message-ID: <35i2po$8qj@newsbf01.news.aol.com>
Source record: 268610

I had my Uniden BC100XLT open the other day and noticed a socket that was labeled "800 MHz unit" , is it possible to convert this to an 800 MHz scanner?
Any info would be greatly appreciated.

2503. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-18 19:03:07 UTC
From: gt0265d@prism.gatech.edu
Message-ID: <35i2tb$k0h@acmex.gatech.edu>
Source record: 268609

I once went into the Rat Shack in Lenox Mall in Atlanta, (all the ones here are awful, unlike back in Melbourne, FL, where some of the employees are even hams...) and I wanted to buy a 1/8 inch stereo plug and jack to use as a quick-disconnect power connector. The sales droid asked what I was doing, and I told him. He then launched into this spiel about how I could not run battery power through an audio-type connector. "Why?", I asked. "Well, these are for earphone signals, not electricity." As I was trying to keep from busting out laughing, I asked him what the difference between earphone signals and electrical signals was. "Well, ummm... the earphones aren't electrical, and that plug was not made for electricity." I tried to explain that the earphone signals were just oscillating electricity, but he just gave me a blank look and said something like, "Well, I don't think that's right..." I just told him to go read one of the "Now Your Talking" books behind him, and to tell his manager that it might not be a bad idea to go back to the "The Customer Is Always Right" philosophy.

I did not buy the connectors.

```
================================================================================
MIKE "GATOR" WHALEY KD4UGI H: (404) 881-9580 W: (404) 853-9902
gt0265d@prism.gatech.edu 40265 Georgia Tech Station, Atlanta, GA 30332
================================================================================
--
================================================================================
MIKE "GATOR" WHALEY KD4UGI H: (404) 881-9580 W: (404) 853-9902
gt0265d@prism.gatech.edu 40265 Georgia Tech Station, Atlanta, GA 30332
================================================================================
```

2504. Re: BC2500XLT vs Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-09-18 19:20:07 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.122.0013566B@cornell.edu>
Source record: 268379

> -=> Quoting Andy Domonkos to All <=-

> AD> Has anyone tried these two scanners side-by-side and compared image
> AD> rejection? Both have triple conversion receivers, I'm wondering if the
> AD> BC2500XLT is as good as the Pro-43. Thanks...

> Well, I haven't compared the 2500 to a '43, but have with a 2004. The
>2500 is not very good at image rejection. Occasionally, I will receive
>cellular in the middle of the military air band. TV signals are also
>possible. I haven't had this problem, but Grove mentioned shortwave
>signals in the 400 Mhz band.

> Jerry
>
jerry, I don't know what area you are in but I have placed my 2500 next to my 2006 on the same antenna (splitter) and the 2006 sits quietly by scanning all the while my 2500 is picking up traffic. The 2500 even picks up the city PD portables, the 2006 has trouble picking up mobile units. Antenna is RS discone with VHF element added.
I have also been trackside (railroad) with others who own Pro 43's and my 2500 beats them also. Not as convincing as using the same antenna, but...

yes it does have problems in high rf areas but when you can't hear the transmission it dosen't matter how selective your scanner is. You must get the signal first in order to listen to it.

All of this dosen't even take some of the other features of the 2500 in to account. Don't be too hard on the 2500, it is a good radio, and what scanner out there couldn't use some improvement.
carl

2505. Re: The bug bit me

Newsgroup: rec.radio.scanner
Date: 1994-09-18 21:45:02 UTC
From: smacken@aol.com
Message-ID: <35iccu$b6q@newsbf01.news.aol.com>
Source record: 268611

Welcome to the hobby !

WIth the 2006, try 225 to 400 mhz at 50khz steps am mode.

There will be some birdies but my 2006 sound sensing works great on those.

If you hear something but it is reall distorted, hit mon and then try WFM
or NFM.

Ive stumbled across AF1 a few times like this.

About the shuttle.

The only time you can hear the shuttle crew is during EVA's and even then
only when they are over head. It is a big planet.

If you have NASA SELECT on you local cable system. watch it for the screen
that shows where they are and where they are going.

If you local cable company doesnt.. ask them why !!
It's free and on satellite S2 chan 9 (or transponder 5) 365 days a year
and is really fascinating

steve

ps : for the wifes beneifit.. have you accidentally broken that diode just
behind the 3 button. If it should happen you will joind the rest of us in
being a criminal and listenning to cell phones.

have fun

2506. Re: pro 2002

Newsgroup: rec.radio.scanner
Date: 1994-09-18 21:50:05 UTC
From: smacken@aol.com
Message-ID: <35icmd$b96@newsbf01.news.aol.com>
Source record: 268612

I have one somewhere. Mine has been running 24 hrs a day for about 6 or 8 years. Never had a problem of any kind.

I have noted you e-mail and will look you up if i stumble across it

steve

2507. Re: Anything better than "Police Call"?

Newsgroup: rec.radio.scanner
Date: 1994-09-18 21:53:02 UTC
From: smacken@aol.com
Message-ID: <35icru$bad@newsbf01.news.aol.com>
Source record: 268613

Anything is better that POLICE CALL but sometimes it is the only good
resource for your area.
Try a local electronics store (other than radio shack)

steve

ps: the info in police call is good. just brainless and dull

2508. Re: Police DMV terminal frequencies (?)

Newsgroup: rec.radio.scanner
Date: 1994-09-18 21:57:01 UTC
From: smacken@aol.com
Message-ID: <35id3d$bc2@newsbf01.news.aol.com>
Source record: 268614

??
I though that MDT's were basicall encripted so well that they could not be decoded - YET.

Has there been a breakthrough ??

If so.. does MOTOROLA know ??!! :-)

steve

2509. Re: Manitoba

Newsgroup: rec.radio.scanner
Date: 1994-09-18 22:38:15 UTC
From: dmcdouga@foxn.stn.ns.ca
Message-ID: <dmcdouga-1809941938180001@halifax-ts2-16.nstn.ns.ca>
Source record: 268615

In article <1994Sep17.000943.14894@freenet.victoria.bc.ca>,
uq247@freenet.Victoria.BC.CA (Mark Cranwell) wrote:

> If any one need's the freq for Brandon,Manitoba,Canada e-mail me.
> --
> Mark Cranwell

Why not post them so the whole group can see them?

2510. Does anybody know about Trident scanners?

Newsgroup: rec.radio.scanner
Date: 1994-09-19 00:33:52 UTC
From: charliebrown@BIX.com
Message-ID: <charliebrown.779934832@BIX.com>
Source record: 268617

Does anyone have any experience with Trident scanners? They are
being marketed by Ace Communications via ads in Popular Communications.

I was just wondering if they are any good or not, and if anyone
knows if they are modifiable to open up the cellular.

Thanks in advance!
Charlie Brown
charliebrown@bix.com

2511. Re: Does anybody know about Trident scanners?

Newsgroup: rec.radio.scanner
Date: 1994-09-19 01:11:24 UTC
From: schuster@panix.com
Message-ID: <35iofs$buf@panix3.panix.com>
Source record: 268618

In article <charliebrown.779934832@bix.com>,
charliebrown on BIX <charliebrown@BIX.com> wrote:
>
>Does anyone have any experience with Trident scanners? They are
>being marketed by Ace Communications via ads in Popular Communications.

Trident is just another brand name tacked onto scanners made by Nissei.
ACE Communications used to sell some of them under the AOR brand, until AOR
revoked ACE's US distribution rights. In other parts of the world they are
sold under the names Camnis, Fairmate, etc.

Nissei-manufactured scanners have had a checkered past. They are often high
on features but have been plagued by uneven performance, poor quality
control, terrible documentation, and arcane/complicated user interface.
Also they do not license the Uniden/GRE patents which would allow such
features as center-channel detection during limit searches, and scan delay
selection by channel; as well as much easier programming.

Still many people (including myself) have owned and used them, and many
like them for what they are. I still own an AR-1000 (I think this is the
Trident TR-1200 now, the ad isn't in front of me) which is rather deaf
compared to the Yupiteru or AR-8000 but it's a good standby. The TR-2400
(Camnis HSC-050) is probably the best they've made so far but is also
imperfect. {The AR-8000 is =NOT= manufactured by Nissei and hasn't yet
shown up under the Trident name, so I exclude it from this discussion.]

>I was just wondering if they are any good or not, and if anyone
>knows if they are modifiable to open up the cellular.

They're "ok" if you get a good one. Each model has its quirks and
strengths.

No Trident scanner now sold in the US will receive cellular frequencies or be
reprogrammed/modified to do so. You can be certain that after having big
fined levied on them by the FCC that ACE made =sure= of that.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2512. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-19 02:01:00 UTC
From: schuh@phys.unca.edu
Message-ID: <35ircs$ivu@balsam.unca.edu>
Source record: 268619

GATOR !!! (gt0265d@prism.gatech.edu) once wrote:

: The sales droid asked what I was doing, and I told him. He then launched
: into this spiel about how I could not run battery power through an
: audio-type connector. "Why?", I asked. "Well, these are for earphone
: signals, not electricity." As I was trying to keep from busting out
: laughing, I asked him what the difference between earphone signals
: and electrical signals was. "Well, ummm... the earphones aren't electrical,
: and that plug was not made for electricity."

ROTFLMHO. [Newbie Translation: Rolling on the floor laughing my head off]

I hope that this isn't a statement about the current problems we're
having in the U.S. with education.

In any case, I miss living in a large city, where there were actually
alternatives to going to Radio Shack. Mail-Order is fine, but when
it's 7pm, and you NEED a connector to continue your current project,
it is nice to know that Radio Shack is there, a few miles away.

I just wish they would put the electronics parts in the FRONT of the
store so I don't have to so far to go while trying to avoid the
salesjerks lurking in the aisles.

Later,
Paul

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

2513. Re: pro-2006 520mhz-760mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-19 02:12:37 UTC
From: rowley@cix.compulink.co.uk
Message-ID: <CwCu52.Mo0@cix.compulink.co.uk>
Source record: 268621

Can you guys over there not get the Yupiteru MVT-7100? Handheld,
continuous coverage from 100kHz-1650Mhz, true LSB and USB tuning, AM, FM,
Wide FM
min 50Hz tuning steps, 1000 memories; available in the UK for about $800
equivalent all in...
Best wishes,

Rowley Cottingham

rowley@cix.compulink.co.uk

2514. Re: 46.0 Mhz Directional Ant.

Newsgroup: rec.radio.scanner
Date: 1994-09-19 02:13:32 UTC
From: cremer@delphi.com
Message-ID: <9409182209591.DLITE.cremer@delphi.com>
Source record: 268620

Steve Barrow asks:

>Would anyone have plans for a 46.0 Mhz directional antenna? I am
>trying to pinpoint the cordless phones in my neighborhood.

Keep listening, and wait 'till they order a pizza! Works for me.

2515. Re: Disneyland Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-19 03:51:15 UTC
From: pickled@ix.netcom.com
Message-ID: <35j1rj$8lh@ixnews1.ix.netcom.com>
Source record: 268623

In <35htgo$7ib@newsbf01.news.aol.com> roscobind@aol.com (ROSCOBIND) writes:

>
>In article <rtm-180994090201@kip-71.apple.com>, rtm@newton.apple.com (Bob
>Martin N6MZV) writes:
>
>I know some were in the Monitoring Times some time back. I'll look around
>and see if I can find them and post um. Unless someone beats me to it.
>
>Rosco Bookbinder
>Sysop Ralphs Place BBS
>(509)326-7282
>Spokane, Wa.
>
According to Police and Fire Communications Handbook (1994-1995 edition)...

464.9875 RPT 162.2 <BLACK> Operations
464.5750 RPT 162.2 <PURPLE> Wide area
464.5375 RPT 162.2 <BROWN> Facilities
464.6375 RPT 162.2 <RED> Coordination
464.4125 RPT 162.2 <ORANGE> Maintenance
464.5125 RPT 162.2 <YELLOW> Entertainment
464.4875 RPT 162.2 <GREEN> Traffic control & parking
463.3125 RPT 162.2 <GRAY> General use / secondary
461.8500 RPT 162.2 Security
464.4625 RPT 162.2 <BLUE> Security
464.8875 RPT 162.2 <LT BLUE> Security secondary
464.7625 RPT 162.2 <WHITE> Trasportation
464.0375 RPT 162.2 <SILVER> Vending
464.7125 RPT 162.2 <PINK> Public relations
464.1125 RPT 162.2 Phone patch
463.7125 RPT 162.2 Phone patch
463.5125 RPT 162.2 Construction
154.5700 SIMX Low power / various uses
154.6000 SIMX Rides
154.6250 R/O Tone & voice paging
158.4600 R/O Alphanumeric paging
194.0000 Wireless microphones
194.6000 |
195.2000 |
195.6000 |
196.0000 |
204.6000 |
205.0000 |
205.6000 |

206.0000 |
206.6000 |
207.2000 |
207.6000 |
208.0000 V

Beyond Police Call also lists 461.8500 (RPT), 464.3750 (RPT),
464.7750 (RPT) - but not their purpose (corp. offices?). BPC also shows
151.7450 (BM), 463.6375 (M), 464.9875 (M) and 468.6875 (M) for the
Disneyland Hotel.

Police Call lists...

154.5700 Maintenance
154.6000 Rides
464.0375 <SILVER> Ride control
464.4125 <ORANGE> Maintenance
464.4625 <BLUE> Security
464.4875 <GREEN> Parking / operations
464.5125 <YELLOW> Special events
464.5375 <BROWN> Maintenance
464.6375 <RED> Emergency
464.7625 <WHITE> Railroads
464.7125 Shows

NB: I have not personally verified any of these freqs. Hope this helps!

73's
Sandy
--
(Mr.) Sandy Herring | The brain: an enchanted loom |
| where millions of flashing shuttles |
pickled@ix.netcom.com | weave a dissolving pattern. |
Orange County, California | - Sir Charles Sherrington |

2516. Re: pro-2006 520mhz-760mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-19 04:19:03 UTC
From: shawn4sk1@aol.com
Message-ID: <35j3fn$h6p@newsbf01.news.aol.com>
Source record: 268624

Alot of things are, quote from Two Live Crew- "Banned In The USA"

soliver@ozarks.sgcl.lib.mo.us

:-)

2517. Need Pro 2032 mods. Please help!

Newsgroup: rec.radio.scanner
Date: 1994-09-19 04:45:11 UTC
From: Gary Spong <ams39@delphi.com>
Message-ID: <RUwzHjn.ams39@delphi.com>
Source record: 268622

Looking for these for a friend. I'd be very grateful for the modifications
for the Realistic Pro 2032. -Thanks

-gs

2518. 800 Restoration for the PRO-43 Simple?

Newsgroup: rec.radio.scanner
Date: 1994-09-19 05:30:42 UTC
From: barrak@rintintin.Colorado.EDU
Message-ID: <35j7m2$mqr@CUBoulder.Colorado.EDU>
Source record: 268476

I've seen recently in Monitoring Times instructions on how to restore 800 MHz for the PRO-51 through a certain sequence of key strokes. Is the same thing possible with the PRO-43?

I've already seen the mod file in oak.oakland.edu for the PRO-43 but that one talks about physical alteration of the unit and I want to avoid that.

Any help is appreciated.

---barrak

2519. Re: pro-2006 520mhz-760mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-19 05:34:49 UTC
From: schuh@phys.unca.edu
Message-ID: <35j7tp$p6f@balsam.unca.edu>
Source record: 268477

Rowland Cottingham (rowley@cix.compulink.co.uk) once wrote:
: Can you guys over there not get the Yupiteru MVT-7100? Handheld,
: continuous coverage from 100kHz-1650Mhz, true LSB and USB tuning, AM, FM,
: Wide FM
: min 50Hz tuning steps, 1000 memories; available in the UK for about $800
: equivalent all in...

Wow! But is there a computer interface for it? And, does it do floors
and windows too?

I'll have to check one out the next time I'm in Britain visiting my
relatives. Can you suggest a dealer?

Later,
Paul

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

2520. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-19 05:42:54 UTC
From: pettysm@iglou.com
Message-ID: <pettysm.15.005F311B@iglou.com>
Source record: 268475

In article <35d6bc$1l5@newsbf01.news.aol.com> wwhitby@aol.com (Wwhitby) writes:
>As an aside, my sister is a mass communications (broadcast/print media)
>major and she has already been informed by her instructors that a scanner
>is one of the most useful tools that you can have as a journalist.

>Warren Whitby
>wwhitby@aol.com
>73s de KE4ITL

It may be one of the most useful tools, but it's just that only a tool to get you to the story. I've been in Broadcasting 8 years, both Radio and T.V., and i've developed a friendship with many of the local law enforcement officers in town. Many of them know how you find out about what they are doing, and accept that, but you had better clear it with them first on what you print (broadcast). And as said before, The COmm Act of 1934 makes it illegal to use what you hear on a scanner (except ham and broadcast traffic) in print, conversation, or money making schemes.

The best thing to do is to call the department, get a copy of the report and schedule an appointment with the arresting officer, any of that information is public, but nothing you heard can be used in the story.

In the case of O.J. and other times when traffic has been re-broadcast, well it's just plain old bad judgement by some overly big news department thinging that they have the right. Even though the law forbids it. One of those "yea, so what it's illegal, try to stop us, well give you so much bad press, tie it up in court for years, and never let you live it down, it ain't worth it for you to try to stop us. We're god's own tie to the public, we're the media."

<pettysm@iglou.com> *SMACK* Gooooodnight Everybody!...And Gooooodbye Nurse!
Anything Too Stupid To Be Said Is Sung; Too Stupid To Be Sung Is Typed.
Romp, Romp, Romp, Romp Romp, Hey! / Of Course You Know; This Means Warners!
O.K. Lady; I Luv You; Buh-Bye! Say Goodnight Babs; Goodnight Babs.

2521. Re: mods at oak.oakland.edu

Newsgroup: rec.radio.scanner
Date: 1994-09-19 05:56:52 UTC
From: robc@freenet3.scri.fsu.edu
Message-ID: <35j974$di6@freenet3.scri.fsu.edu>
Source record: 268478

References: <35g292$9uq@herald.indirect.com>
you can also locate mods at ftp.cs.buffalo.edu or kilroy.jpl.nasa.gov

2522. Re: Re:Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-19 07:19:11 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Sep18.231911.4562@cmkrnl>
Source record: 268479

In article <CwA9GA.7L@cup.hp.com>, martin@cup.hp.com (Martin Juarez) writes:
> Would it be feasible to use one of those headphone out-to-cassette adapters
> used by people with portable CD players? My thought is to put it in-line
> with a stereo to mono jack first.

Yes, this works, and you're right about the stereo to mono adapter.
(considering how ubiquitous the walkman-style headphones are, I don't
understand Why the scanner makers don't simply put stereo jacks on their
units...)

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

2523. Looking for NFL Coach -> Quarterback Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-19 09:01:56 UTC
From: rburke@crl.com
Message-ID: <rburke.2.0DEC0CB8@crl.com>
Source record: 268488

Hi,

This might be an old subject here, but....

Does anyone know the frequencies (or at least the band) where the coaches are talking to the quarterbacks in the NFL this season?

Thanks!

Rory

Rory Burke - rburke@crl.com | "I always ignore my lawyer before
ka5mbh@ka5mbh.ampr.org | making a decision." - Groucho Marx
Remember, there's a difference between "can't" and "not supposed to"

2524. 46.0 Mhz Directional Ant.

Newsgroup: rec.radio.scanner
Date: 1994-09-19 11:30:00 UTC
From: darwin.teague@exnavy.esnet.com
Message-ID: <249.84.352.0ND9E81B@exnavy.esnet.com>
Source record: 268387

SB>Would anyone have plans for a 46.0 Mhz directional antenna? I am
SB>trying to pinpoint the cordless phones in my neighborhood.

Well, you could build a dipole and use it horizontally....
A better way might be to listen to the handsets - especially if you have
a handheld or can drive around and listen for the handheld.

If you listen long enough, you'll be sure to hear a name. People like
pizzas, make appointments, etc.

Directional antennas don't work too well on cordlesses, especially if
they're near you. The quarter wave length of the antenna is 5 feet. A
dipole would be 10 feet long.
--- JCQWK

2525. Re: mods at oak.oakland.edu

Newsgroup: rec.radio.scanner
Date: 1994-09-19 11:38:26 UTC
From: rcampanile@VNET.IBM.COM
Message-ID: <19940919.045028.953@almaden.ibm.com>
Source record: 268481

I'm thinking of getting another scanner and am interested in the pro43. I've been reading that used one's are being sold by Radio Shack as new as indicated in this internet.I also get the feeling that there is a unmodifiable pro43 out there as well. Can anyone tell me if all pro43's are modifiable and if not what to look for? Also I dealt with MaryMac before and was pleased. Does anyone know if they are selling used one's as new?..... Thanks in advance.

Rich

2526. Pro43 Info needed

Newsgroup: rec.radio.scanner
Date: 1994-09-19 12:17:13 UTC
From: rcampanile@VNET.IBM.COM
Message-ID: <19940919.052059.246@almaden.ibm.com>
Source record: 268482

In <19940919.045028.953@almaden.ibm.com> rcampanile@VNET.IBM.COM writes:
> I'm thinking of getting another scanner and am interested in the pro43.
>I've been reading that used one's are being sold by Radio Shack as new
>as indicated in this internet.I also get the feeling that there is a
>unmodifiable pro43 out there as well. Can anyone tell me if all pro43's
>are modifiable and if not what to look for? Also I dealt with MaryMac
>before and was pleased. Does anyone know if they are selling used one's
>as new?..... Thanks in advance.
>
>Rich
>
Sorry I'm new at using this internet. correct RE should be Pro 43info
needed.

Rich

2527. Re: 800 Restoration for the PRO-43 Simple?

Newsgroup: rec.radio.scanner
Date: 1994-09-19 12:42:42 UTC
From: schuster@panix.com
Message-ID: <35k102$red@panix3.panix.com>
Source record: 268483

In article <35j7m2$mqr@cuboulder.colorado.edu>,
Mohammed F. Hadi <barrak@rintintin.Colorado.EDU> wrote:
>I've seen recently in Monitoring Times instructions on how to restore
>800 MHz for the PRO-51 through a certain sequence of key strokes. Is
>the same thing possible with the PRO-43?

No. Only on some Uniden-manufactured scanners. The PRO-43 is made by GRE.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2528. Re: pro 2002

Newsgroup: rec.radio.scanner
Date: 1994-09-19 13:22:55 UTC
From: paul@panix.com
Message-ID: <35k3bf$en0@panix2.panix.com>
Source record: 268484

In <35gvfd$n4@ionews.io.org> netcam@io.org (netcam) writes:

>Hello everyone,

>I have a ancient RS Pro 2002 scanner and I've no manual for it. Is there
>anyone out there who has one? Also is it possible to modify such a
>scanner?

>Any help or comments appreciated!

>ttyl

Did you ask at radio shack? They ordered a manual for me for an old scanner. It was around $5. and was a photocopy but it had an official radio shack stamp on the cover. Did the trick.

ttyl;p

2529. RS Pro 2021 for sale:

Newsgroup: rec.radio.scanner
Date: 1994-09-19 13:26:01 UTC
From: paul@panix.com
Message-ID: <35k3h9$esj@panix2.panix.com>
Source record: 268485
Cross-posted to: misc.forsale,ny.forsale,rec.radio.scanner

Radio Shack Scanner: Pro 2021 $125.00 firm

Realistic Pro-2021
VHF/UHF Direct Entry Programmable 200 Channel Scanner Radio

This programmable radio is in excellent condition, yes fully functional. It brings you the most exciting listening of all - local events as they happen, not just hours later through an edited newscast. You'll hear police and fire departments at work, ambulances, amateur radio, weather, Amtrak and freight trains, taxis, plus government, military, marine, and business services, aircraft and much more.

You'll have keypad access to over 23,000 frequencies.

Features include:

o Ten 20-channel memory banks
o One 10-channel monitor bank for temporary storage and priority freqs
o Rapid transfer from Monitor to Permanent Memory
o Large multi-purpose LCD shows which channels and frequencies are being scanned, monitored, programmed, as well as the status of the channel and operation mode of the PRO-2021.
o Provides optional two-second delay to eliminate missed replies on any channel.
o Holds memorized frequencies with internal 9-volt battery backup
o Covers 30-50 MHz (VHF Lo)
50-54 MHz (ham radio 6m)
108-136 MHz (aircraft)
138-144 MHz (government)
144-148 MHz (ham radio 2m)
148-174 MHz (VHF Hi)
380-450 MHz (ham radio and government)
450-470 MHz (UHF Lo)
470-512 MHz (UHF Hi)
o Built-in internal speaker
o External speaker jack
o BNC external antenna connector
o 120-volt AC operation with power cord
o 12-volt DC power jack for automobiles and RVs (negative ground)

Mobile mounting bracket can be purchased at your local Radio Shack store.

Includes owner's manual and telescopic antenna.

Price: $125.

paul@panix.com

2530. Re: Help with BC200XLT Mod...

Newsgroup: rec.radio.scanner
Date: 1994-09-19 13:37:04 UTC
From: rausch@rtsg.mot.com
Message-ID: <35k460$97a@delphinium.cig.mot.com>
Source record: 268504

In article <357o1l$4te@nyx10.cs.du.edu>, jjuarez@nyx10.cs.du.edu (j. juarez) writes:
|>
|> I recently read a posting about Celluar Freqs Modification for a
|> Uniden BC200XLT. I decided to take a peek inside my scanner just to
|> check it out. I followed the directions closely, but I was stumped
|> when I got to Step 5.
|>
|> Step 5 reads as follows:
|>
|> " 5. Locate the (64 pin quad flatpack) microprocessor
|> IC labelled "UNIDEN UC-1147" and the 10k ohm
|> (brown-black-orange) leadless resistor positioned
|> above the letters "DEN" on the IC. "
|>
|> Rather than a brown-black-orange resistor, there was a small
|> rectangular-shaped object with "103" printed on it. (There was also
|> another one over the letters "UNI", but with nothing printed on it.)
|> I saw other resistors which fit the description, but they were not
|> at all close to the IC.
|> Now of course, I wasn't going to perform this modification...
|>

The chip compoent with "103" on it IS a 10K resistor. The first two
digits are actual numbers and the last digit is the number of trailing
zeros (in ohms). So 10 followed by 3 zeros is 10,000 ohms. The compoent
over the letters "UNI" is probibily a capacitor (chip capacitors usually
have no markings.

Hope this helps.

...David

--

David R. Rausch Motorola Cellular Infrastructure
rausch@cig.mot.com (My words, not Motorola's)

2531. Bearcat BC200 Scanner For Sale

Newsgroup: rec.radio.scanner
Date: 1994-09-19 13:42:24 UTC
From: n9mtb@expert.cc.purdue.edu
Message-ID: <35k4g0$51l@expert.cc.purdue.edu>
Source record: 268486
Cross-posted to: misc.forsale,rec.radio.scanner

For Sale: Bearcat BC200 Hand-Held Scanner

Covers 30-54, 108-174, 380-512, 800-956 (approximate; 800 MHz has
cellular gaps of course)
Includes an aftermarket antenna that is optimized for 800 MHz
Of "modifiable" vintage, but I haven't done the mod yet

If interested, make an offer by e-mail. Buyer pays shipping, which should
not be very much at all...

Thanks,
--Rob

--
Rob Tillotson N9MTB Internet: rob@io.com
Home: cq@arcana.mdn.com

2532. Military - Air Monitoring in Maryland

Newsgroup: rec.radio.scanner
Date: 1994-09-19 14:02:10 UTC
From: domonkos@access.digex.net
Message-ID: <r3PVkiubGkEQ066yn@access.digex.net>
Source record: 268489

I assumed most of the Military Air Band excitement would be in the 225-400 Mhz range; wrong! I live near Aberdeen Proving Grounds in Maryland and my hilltop location and Radio Shack multiband vertical netted me hours of A10 live fire training cockpit audio on Low Band VHF. I acquired a recent copy of the North East Directory of Military Communications and punched in about 100 frequencies into an 890XLT. Aside from some boring comm's from some mil-aircraft the A10 frequencies were the best yet.

Here are the active A10 squadron training tactical frequencies.
CCTSS freq's are not used but the official tone is 150 Hz.

32.45 Mhz
34.40
36.80
40.15
41.45
41.95
49.75

All the above were in FM mode (standard on scanners).

I used the remote tape feature of the 890 and squeezed a days worth of activities into about 45 minutes of listening.

Last night's tape of the day netted more live-fire training. What amazed me was the casual tone in all comm's, very un-like what you see in movies.

Anyone within radio range of military bases known to be used for training purposes should get a copy of the above frequency directory. Remember, radio range when listening to aircraft can be well over 100 miles when they're at altitude! Good hunting!

Andy

2533. Re: My New Telescopic Scanner Antenna

Newsgroup: rec.radio.scanner
Date: 1994-09-19 14:08:47 UTC
From: horak@convex.com
Message-ID: <35k61f$lb0@eugene.convex.com>
Source record: 268487

Yet another easy way to improve your 30-50 scanning experience is to make a 10 foot dipole (468/frequency in MHz = length in feet, so 468/46.8MHz which is in the cordless phone base band, equals 10 feet) out of Radio Shack speaker wire (24 feet of #42-2478 on page 23 of the 1994 catalog). Also, get a RCA to BNC adapter. Take one end of the wire and cut off the BNC, leaving a few inches of wire on it (you'll use it later). Take the 23 feet or so of wire and seperate the cut ends about five feet apart so that it stretches ten feet end to end. Mount this dipole on the wall, ceiling, or somewhere up off the ground. You may find slightly more signal strength if you mount it vertically. The rest of the length is so you have plenty of wire to run from the antenna to your scanner. Of course, if you need a longer wire run, use the 50 foot wire. Since 30-50 is a pretty low frequency, cable losses are minimum. You'll be amazed at the improvement in low band performance from this inexpensive antenna. Now, for that other BNC end piece you cut off, seperate the wires until you have about three inches of wire on each side. Use an ohm meter to determine which wire is the center lead. Completely cut off the ground wire and leave two or three inches of the center conductor wire. Get another RCA to BNC adapter and you have an average antenna for cellular and more importantly, a good antenna for very strong signal situations where a regular antenna gives you overload. Since this short antenna is almost worse than a rubber duck, it is ideal for use at concerts, finding wireless mikes, etc. without picking up other interference.

David Horak

2534. NYS Police

Newsgroup: rec.radio.scanner
Date: 1994-09-19 14:16:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <f78_9409191056@blkcat.fidonet.org>
Source record: 268495

When the NYS Police cars transmit to their base at the end
of each tranmission there is a very short data burst. Does
anyone happen to know what information might be contained
in that data? When the cars go to the car to car freq the
data burst is not there.

Fidonet: Tom Eagan 1:109/239
Internet: Tom.Eagan@f239.n109.z1.fidonet.org

2535. Re: Disneyland Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-19 14:23:14 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.105.00086367@chevron.com>
Source record: 268491

In article <rtm-180994090201@kip-71.apple.com> rtm@newton.apple.com (Bob Martin N6MZV) writes:

>Any help on interesting frequencies while at Disneyland in Anaheim, CA?
>Please email or post 'em here.

I don't know where the project stands now, but Disneyland was converting to a 900 MHz trunked system last I heard. The only reason a northern Californian such as myself would know this is because some of their channel coordination conflicted with our El Segundo refinery.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

2536. Re: The bug bit me

Newsgroup: rec.radio.scanner
Date: 1994-09-19 14:24:01 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <35k6u1$8es@thecourier.cims.nyu.edu>
Source record: 268505

```
|> About the shuttle.
|>
|> The only time you can hear the shuttle crew is during EVA's and even then
|> only when they are over head. It is a big planet.

Sorry aol'er, not true. Ham Radio stations rebroadcast
shuttle transmissions all over the country all the time. Scan
144.1 to 148MHz and 420-450MHz. Hopefully someone is rebroadcasting
them near you. I hear them on 146.610 in NYC and 443.400 in
Central New Jersey.

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com
```

2537. CTCSS and RS 2026.

Newsgroup: rec.radio.scanner
Date: 1994-09-19 14:51:38 UTC
From: pauer@on.bell.ca
Message-ID: <pauer.15.0009DCA1@on.bell.ca>
Source record: 268492

Hi,
Are there any mods for the RS PRO-2026 to ignore/decode the CTCSS codes?
Only mod I have been able to find for this radio is the Cell restore.

Pete
Pauer@on.bell.ca

2538. pro-43 forsale

Newsgroup: rec.radio.scanner
Date: 1994-09-19 15:06:33 UTC
From: jongchen@acs4.bu.edu
Message-ID: <35k9dp$a2n@news.bu.edu>
Source record: 268490

[No readable article body recovered]

2539. Re: Carter's Haiti negotiations intercepted vi

Newsgroup: rec.radio.scanner
Date: 1994-09-19 17:18:50 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.123.001150DB@cornell.edu>
Source record: 268439

>Okay, looking into my crystal ball here, this is what I predict...

>All kinds of telephone executives will read/hear about how Carter's
>conversation was heard. They will then start another round of bribes to
>Congress to get a law passed that bans the sale or manufacture of any
>shortwave radio that can also receive any frequencies outside the shortwave
>or commercial broadcast bands. It will also be made illegal to listen to
>anything other than recognized shortwave braodcasts. Kind of sounds like the
>cellular phone/scanner episode doesn't it...

>David
>davidm@iglou.com

David; it sounds like you all are getting a little bit paranoid, and rightly
so. They are sneaking up on us.

Carl (ex-jarhead) Semper Fi

"For those who fought for it, freedom has a flavor the protected will never
know." unknown Marine, Khe San, Viet Nam

2540. BASE antenna for scanner _and_ FM broadcast band...

Newsgroup: rec.radio.scanner
Date: 1994-09-19 17:31:45 UTC
From: SECOYTC@SSVAX1.SSD.LORAL.COM
Message-ID: <1994Sep19.173145.16244@wdl.loral.com>
Source record: 268493

i currently have a roof antenna mast with my tv yagi and ham vhf beam
antennae on it. i would like to add a vertical omni scanner antenna
and i also need a better antenna for my fm (broadcast band 107MHz) stereo
receiver.

then it occurred to me that maybe the scanner antenna would work well for both.

any opinions? how should i split the signal to the scanner and the fm
receiver? is there an in-line preamplifier which would work for both?

todd
kd6fwg
san martin, california

2541. Re: BC2500XLT, Double or Triple Conversion?

Newsgroup: rec.radio.scanner
Date: 1994-09-19 17:51:01 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.470.0011DA31@ccm.hf.intel.com>
Source record: 268514

In article <35d6f0$1m8@newsbf01.news.aol.com> wwhitby@aol.com (Wwhitby) writes:

>Is the BC890 a double conversion or tripple conversion? I've seen ads
>and reports that have it both ways.

890 is double conversion, 8500 is triple

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

2542. Re: PRO-51 Mod: Removing Beep

Newsgroup: rec.radio.scanner
Date: 1994-09-19 17:56:01 UTC
From: horak@convex.com
Message-ID: <35kjbh$ag0@eugene.convex.com>
Source record: 268508

In <9409180302.AA03672@xp.psych.nyu.edu> moy@xp.psych.nyu.edu writes:

>Hello fellow scanbots,

>==Radio Shack PRO-51 modification to remove !!BEEP!!==
>This change was performed successfully on a unit coded "11A3."
>The CPU in this unit was marked "Uniden UC1581." Use the
>following information at your own risk!

I did mine this afternoon. It took all of about five minutes and the
BEEP is no more! While I was in there I noticed a row of missing
surface mount parts (either resistors or diodes, I didn't look close)
and I wonder if one of them is for cell restore. My unit is a 11A3
date code too.

Thanks for the mod. I hated the beep, especially when I used an external
speaker.

David

2543. Antenna issues.

Newsgroup: rec.radio.scanner
Date: 1994-09-19 17:59:13 UTC
From: mtiernan@world.std.com
Message-ID: <CwE1yq.EJq@world.std.com>
Source record: 268509

Well, A friend made a suggestion to me which I discounted directly but I want to hear someone else's answer on it too.

The suggestion was to use the same antenna on both of my scanners (when they're side by side) by simply using a "T" and a short run of coax.

I say it'll produce a mismatch since the non-antenna end of the cable should look like a 50ohm +/- load to the antenna and vice-versa. (Two 50ohm loads in parallel=25ohms).

Anyone ever try it? Anyone got any thoughts on the idea?
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

2544. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-19 17:59:45 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.471.0011FF7E@ccm.hf.intel.com>
Source record: 268515

In article <1994Sep17.002124.4557@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:

>In article <359pq0$ic8@thecourier.cims.nyu.edu>, jackson@longlast.cs.nyu.edu
>(Steven Jackson) writes:
>> In the same session that prompted my "stupid salesdroid tricks"
>> thread, the guy finally wanted me out of his face, and while
>> asking him about mobile powering options, I showed him
>> a lighter adapter I have whose plug fits into the HTX202.
>> When I prompted him about the suitability of a 250VA
>> fuse, he replied, "yeah, sure, that should be just fine..
>> have a good day."

>Well, yes, it should be.

>The voltage rating on a fuse is like that on a capacitor -- you can use the
>fuse in lower-voltage circuits without problems.

>As for the current rating, it should be about 1.5x to 2x the rig's maximum
>needs. 1.5x for slow-blow fuses, 2x for fast-blow.

A fun trick is to tell the salesdroid that you have a "shorted fuse" and
that's why it isn't working. See if he agrees with you.

(hint: fuses blow OPEN. A fuse should be shorted!)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

2545. echo on Uniden 9200 900MHz phone

Newsgroup: rec.radio.scanner
Date: 1994-09-19 18:58:00 UTC
From: karen@uwast.astro.wisc.edu
Message-ID: <35kmvo$g5q@news.doit.wisc.edu>
Source record: 268496
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I would appreciate any info or insight anyone could provide regarding an echo that I hear on a Uniden EXP9200 900MHz cordless phone. The Uniden customer support folks say that it is an artifact of the spread spectrum technology, but I don't quite understand how that can be. Anyone know anything about this or have info on this problem? I'm trying to decide whether or not to return the phone. Reply by e-mail or post to this newsgroup is fine. Thanks in advance,

Karen Bjorkman
UW Space Astronomy Lab
karen@sal.wisc.edu

2546. Re: Pro43 Info needed

Newsgroup: rec.radio.scanner
Date: 1994-09-19 19:08:10 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep19.140810.2919@hnrc.tufts.edu>
Source record: 268494

In article <19940919.052059.246@almaden.ibm.com>, rcampanile@VNET.IBM.COM writes:
> In <19940919.045028.953@almaden.ibm.com> rcampanile@VNET.IBM.COM writes:
>> I'm thinking of getting another scanner and am interested in the pro43.
>>I've been reading that used one's are being sold by Radio Shack as new
>>as indicated in this internet.I also get the feeling that there is a
>>unmodifiable pro43 out there as well. Can anyone tell me if all pro43's
>>are modifiable and if not what to look for? Also I dealt with MaryMac
>>before and was pleased. Does anyone know if they are selling used one's
>>as new?....... Thanks in advance.

If there is an A in the serial number, it is not modifiable.
If there is no A in the serial number, it is modifiable.

2547. Re: Antenna issues.

Newsgroup: rec.radio.scanner
Date: 1994-09-19 20:19:34 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <35krom$dcn@thecourier.cims.nyu.edu>
Source record: 268507

It's common to split an antenna. So long as you're only
receiving, you don't need to match the line. It's
when transmitting the issue becomes important.
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

2548. Re: Disneyland Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-19 20:49:18 UTC
From: grady@netcom.com
Message-ID: <gradyCwE9u8.9Hu@netcom.com>
Source record: 268497

Bob Martin N6MZV (rtm@newton.apple.com) wrote:
: Any help on interesting frequencies while at Disneyland in Anaheim, CA?
: Please email or post 'em here.

Hi Bob,

The frequencies are in the DisneylandFAQ at rtfm.mit.edu or
archived in the news.answers spool. Also, Richard Hyde,
KC6QBO (ex Apple employee 64 I think) goes to Disneyland
frequently with his HT so he may know more than the FAQ.

(Rick Hyde rah@netcom.com)

Unlike Great America, Disneyland apparently encourages people to
use their repeater.

73 Grady KO6EB

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

2549. Re: Disneyland Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-19 21:07:20 UTC
From: tweek@netcom.com
Message-ID: <tweekCwEAo8.4Bn@netcom.com>
Source record: 268501

grady@netcom.com (Grady Ward) writes:
>Bob Martin N6MZV (rtm@newton.apple.com) wrote:
>: Any help on interesting frequencies while at Disneyland in Anaheim, CA?
>: Please email or post 'em here.
>
>Unlike Great America, Disneyland apparently encourages people to
>use their repeater.
>
>73 Grady KO6EB

Uhm... although all involved in this thread are Hams, let it be said
anyway that the repeater use being encouraged, is the HAM repeater
(for use by Hams) and not the commercial band systems they may have.

Mike/N6QYA

2550. Re: Looking for NFL Coach -> Quarterback Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-19 21:24:05 UTC
From: dhubba@access4.digex.net
Message-ID: <35kvhl$o7p@access4.digex.net>
Source record: 268500

I don't know the freqs but I have some info on this. In an issue of
USA Today last week, the inventor of the coach->QB system was interviewed
concerning a report (that turned out to be false) that said an NFL
quarterback heard a hotdog order (or something like that). In the
article the guy said that the signals have a squelch code AND are
encrypted (my guess is frequency inversion). The encryption (inversion?)
would keep opposing teams from hearing the signals with a run-of-the-mill
scanner and the squelch code would prevent unintended triggering of
the QBs receiver. FYI.

By the way, does anyone know the ref -> network "penalty-explanation"
freq?

J.D.

--
****
dhubba@access.digex.net
J. D. Hubbard
****

2551. Re: Antenna issues.

Newsgroup: rec.radio.scanner
Date: 1994-09-19 21:25:08 UTC
From: moy@xp.psych.nyu.edu
Message-ID: <9409192129.AA22003@xp.psych.nyu.edu>
Source record: 268498

```
: jackson@longlast.cs.nyu.edu (Steven Jackson) wrote:
]
]It's common to split an antenna. So long as you're only
]receiving, you don't need to match the line. It's
]when transmitting the issue becomes important.
]--
]Steven Jackson, Assistant to the Chair of Computer Science
]Courant Institute of Mathematical Sciences, New York University
]251 Mercer Street, NY NY 10012

I tend to agree. Don't worry a whole lot about mismatch caused by
connecting two scanners to one antenna. I'd gamble that the rubber
duckie antennas aren't too well matched to their receivers, either.

HOWEVER, be aware that significant RF comes *out* of each of the
scanner's antenna jacks--primarily from their local oscillators. This
can cause some pretty unexpected, moving "birdies" and perhaps even
some strange intermodulation.

(Hi Steve!)

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University
```

2552. Re: Looking for NFL Coach -> Quarterback Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-19 21:25:46 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <35kvkq$pet@umcc.umcc.umich.edu>
Source record: 268499

UHF (450-470MHz), Secure voice, one way links.

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie: T.Tyler5 AOL: Hooligan MCI: 442-5735
Ypsilanti MI
48197 This product was not tested on any animals.

2553. Re: mods at oak.oakland.edu

Newsgroup: rec.radio.scanner
Date: 1994-09-19 21:28:37 UTC
From: zen@ccs.neu.edu
Message-ID: <35kvq5$f4u@narnia.ccs.neu.edu>
Source record: 268502

Randy DeForest (dooman@indirect.com) wrote:
: Some one was looking for the mods at oak.oakland.edu ---

: I found them in -

: /pub/hamradio/mods

: There are many different directories --- just about every different kind
: of unit Ive ever heard of.

I got all of them and I entered them into hypertext format, and you can check
them out by pointing your WWW client to :
http://dice.dac.neu.edu/Homepages/paul/index.html

They're located in the ascii library section...
-Paul

Paul Nash ||------- PGP Key Available By Fingering me-----------
zen@denali.ccs.neu.edu ||---

2554. Great America Frequencies (was Re: Disneyland Frequencies?)

Newsgroup: rec.radio.scanner
Date: 1994-09-19 22:03:10 UTC
From: ccartee@regal.cisco.com
Message-ID: <CCARTEE.94Sep19150312@regal.cisco.com>
Source record: 268503

In article <gradyCwE9u8.9Hu@netcom.com> grady@netcom.com (Grady Ward) writes:

Unlike Great America, Disneyland apparently encourages people to
use their repeater.

So what are the frequencies for Great America?
--

Claude Alan Cartee "I have neither the time nor the inclination to explain
1525 O'Brien Drive myself to a man who rises and sleeps under the blanket
Menlo Park, CA 94025 of the very freedom I provide...
ccartee@cisco.com ... and then questions the manner in which I provide it"
415 688-7801 -Col Nathan R. Jessep

2555. Re: Police DMV terminal frequencies (?)

Newsgroup: rec.radio.scanner
Date: 1994-09-19 23:54:24 UTC
From: arctic@access4.digex.net
Message-ID: <arctic.780018553@access4>
Source record: 268506

The older Motorola's use 4800BPS in a proprietary modulation scheme.
(not too hard to defeat if you really want to..).

I build software to interface them to Unix systems. They store a
form, which is a screen to fill in with info. The officer then fills
in the screen of their choice and sends it to the central unit.
They also can receive info, and screens, from the central unit and
other cars (usually relayed...).

For what it's worth, Motorola's cost estimates are usually pretty low
when they tie this in with their "improved" 800 MHZ trunked systems. It
seems [UNSUPPORTED OPINION FOLLOWS - THIS IS MY PERCEPTION]
they market, and county councils buy, these systems to keep them more secure
from prying ears. In our area, they were talking about this, yet my
monitoring of the county channels showed them to be pretty quiet...

If you hear of an 800MHZ system scheduled for installation by your
local government, and its trunked, you should attend the council
meetings. I can give you a few places they've had to install extra
towers, etc. to get proper coverage.

Rick

2556. Re: The bug bit me

Newsgroup: rec.radio.scanner
Date: 1994-09-20 00:30:19 UTC
From: smacken@aol.com
Message-ID: <35laer$4fi@newsbf01.news.aol.com>
Source record: 268516

I know that. But seeing as he seemed to want to scan the shutle, I thought the answer was appropriate for the forum.

I've talked with the Goddard club station which rebroadcasts shuttle air to ground. It was long ago. And interesting.

Just wondering.. DO YOU HAVE A PERSONAL PROBLEM WITH AOL'ERS.

I could log into my old Q-link account if you would prefer.

Or how about Smackenzie@walqc1.ed.ray.com.

Sorry that the @aol offends

steve

;)

2557. pro-43 question

Newsgroup: rec.radio.scanner
Date: 1994-09-20 01:26:06 UTC
From: dretzik@uoguelph.ca
Message-ID: <35ldne$aql@nermal.cs.uoguelph.ca>
Source record: 268510

Is a radio shack pro-43 marked 12A2 ok for mods?

2558. Police DMV terminal frequ

Newsgroup: rec.radio.scanner
Date: 1994-09-20 02:12:34 UTC
From: skipsand@netcom.com
Message-ID: <skipsandCwEot0.7tD@netcom.com>
Source record: 268512

> I believe that police dmv terminals work on 300 baud so you should

In all liklihood, you believe wrong.

All Public Safety MDT (Mobile Data Terminals) that I've seen use
proprietary-to-the-manufacturer non-standard data formats, and run
at 4800 baud, 9600 baud, or some non-standard rate. They are NOT
ascii.

The usual public safety MDT ALSO has encryption capability on top of
the proprietary coding, and it's often used, even though I've yet
to see ANY report of confirmed success in decoding the basic formats
by a monitor, other than by buying the appropriate MDT reciever from
the manufacturer.

** CIA BBS - Scanner Files 619-273-6339 12:30am - 5pm Weekdays V.32bis **

AmiQWK 2.5 Scannists do it with frequency

2559. Re: Disneyland Frequencie

Newsgroup: rec.radio.scanner
Date: 1994-09-20 02:12:47 UTC
From: skipsand@netcom.com
Message-ID: <skipsandCwEotC.7vD@netcom.com>
Source record: 268513

> In <35htgo$7ib@newsbf01.news.aol.com> roscobind@aol.com (ROSCOBIND)
> writes:

(Wants Disney Freqs)

> >In article <rtm-180994090201@kip-71.apple.com>,
> rtm@newton.apple.com (Bob
> >Martin N6MZV) writes:

(Lists some, looks accurate)

Rumor from a Disney Employee drifting down to me says that Disney
is in the process of banning scanners from the "guests" as company
policy, though not yet done...

It might be a good policy to be discrete about carrying one, and ONLY
with an earphone.

(The San Diego Zoo and Wild Animal Park subscribe to this view of scanners,)
(though discrete quiet carry will not often get you in trouble...)

** CIA BBS - Scanner Files 619-273-6339 12:30am - 5pm Weekdays V.32bis **

AmiQWK 2.5 The Brain: The Organ used LEAST by members of Congress...

2560. Re: PRO2006 w/Opto456 & 6400 Channel Mod?

Newsgroup: rec.radio.scanner
Date: 1994-09-20 02:31:34 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-190994175804@macg130.esl.com>
Source record: 268511

In article <lancecrCwAGov.40o@netcom.com>, lancecr@netcom.com (Lance Craig) wrote:

> I've recently purchased a Pro-2006 (from my local RS no less) and I'd
> like to do the 6400 channel mod. I'd also like to add the Opto456
> Computer Controller later.
>
> My question: Are these two mods compatible?
>
> I understand the memory mod well enough, but it looks like it involves
> adding a board with the new SRAM on it and I'm wondering if this will
> confuse the Opto456 in any way. Does anyone have a Pro-2006 with both
> mods installed?
>
> Thanks for comments!
> Lance
> --
> lancecr@netcom.com

Lance

The expanded memory mod requires you to manually switch between "virtual radios", each with 400 channels in 10 banks. Each "virtual radio" is seperate from the others, and you will not be able to scan accross more than the regular 400 channels at any one time. The CE232 is probably better for some people in that it allows you to actually program the freqs, mod, BW and all, directly into the 2006s batery backed RAM, and then when you un-plug the computer interface, they are still stored, and you can use them away from the computer. The OPTO456 board requires the computer to be connected, and software running, to use any of its features, but it does have DTMF and CTCSS decoding that the CE-232 doesn't have. The only incompatibility problem with mods, is if you put a faster clock rate on your 2006 CPU, the CE-232 won't work reliably above ~14MHz. The OPTO456 won't care what speed the CPU uses, because it disables the 2006 CPU board when its running.

The OPTO456 board disables the internal CPU of the 2006. It doesn't care how many channels you have, because the 456 takes over control of the receiver RF section directly, and uses your computer for storing the channel info. When the software stops, the 2006 goes back to using the normal CPU as though the 456 wasn't there.

The CE-232 interface (formerly the HB-232) from Commtronics will allow you to program the channels and banks by computer control by electronically pushing the 2006 front panel buttons as though you were entering them via the 2006 keyboard. But the computer is doing the button pushing. By

switching to a different "virtual radio" you can program all 16 or 32 or more "virtual radios with every freq combination you might ever encounter and you won't have to enter them through the 2006 keyboard. If you do that a lot, its a godsend. The 2006 CPU does all of the work during scanning as the CE-232 can only push front panel buttons for you. A friend has an HB-232 in his 2006 and the installation was much more dificult than the OPTO board, but I don't know if the newer CE-232 is any easier to install than the old HB-232 was or not.
Has anybody out there installed the CE-232 interface? Lets hear about it.

Good scannin' to ya.
MAD

The opinions expressed here are | Covering 100KHz to 2GHz contiguous.
my own, but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

2561. Wear on Antenna Connector?

Newsgroup: rec.radio.scanner
Date: 1994-09-20 03:05:32 UTC
From: rout0003@maroon.tc.umn.edu
Message-ID: <rout0003.780030332@maroon.tc.umn.edu>
Source record: 268518

I've got a BC200XLT which is about 6mo old and was wondering how much I should be concerned about wear on the BNC antenna connector? I store my scanner in a "hard" case (small plastic toolbox) and carry it EVERYWHERE I go. My biggest concern is that I remove the antenna when I put the scanner in the case while transporting it in the car [Minnesota has a scanner law :-(], and I also use a GRE Superconverter II which causes me to continually use/abuse the antenna connector on the scanner. I was wondering if I should be overly concerned about the excessive wear on the connector, and if there is anything I could do to help the problem? Any suggestions/help would be appreciated.

Thanks!
-Andy R.

2562. Re: AR-8000 Wanted

Newsgroup: rec.radio.scanner
Date: 1994-09-20 03:23:56 UTC
From: "Steven W. Weinstein" <73327.3472@CompuServe.COM>
Message-ID: <35lkkc$sd0$1@mhadg.production.compuserve.com>
Source record: 268517
Cross-posted to: rec.radio.scanner,rec.radio.swap,alt.radio.scanner

Does anyone have an AR-8000 currently in stock? I have been
trying to find someone who does not have them on back order for
over 2 months now.

Thanks
Steve

2563. Re: NYS Police

Newsgroup: rec.radio.scanner
Date: 1994-09-20 06:22:29 UTC
From: amullick@vaxc.stevens-tech.edu
Message-ID: <1994Sep20.012229.1@vaxc.stevens-tech.edu>
Source record: 268519

In article <f78_9409191056@blkcat.fidonet.org>,
Tom.Eagan@f239.n109.z1.fidonet.org (Tom Eagan) writes:
> When the NYS Police cars transmit to their base at the end
> of each tranmission there is a very short data burst. Does
> anyone happen to know what information might be contained
> in that data? When the cars go to the car to car freq the
> data burst is not there.

If the data burst is like that on our Motorola radio system (and most
other systems) it identifies the radio which just transmitted.

I have heard the data both before and after transmissions. The advantage of
before is that the radio operator can ID the transmission while listening,
not having to wait until the end. Unfortunately, this requires the
transmitter to wait a second between keying up and talking. I have also
heard it in the middle of transmissions, but this tends to make it
difficult to understand the speech.

When speaking car-to-car the data is not sent because
a) many portable (hand-held) and mobile (veh. mounted) radios
have no displays
b) this is generally between two users who already know who the
other user is
c) tactical communication is often done using car-to-car frequencies
and speed is critical

Similar data burst can be sent by many radios to indicate an emergency
situation, but in many areas it is very common to get false alarms.
At least in my town, the alarm is basically ignored.

I know of one instance where a police officer pushed the button and
ten minutes later the desk asked if there was a problem (in the meantime
the officer had arrested the subject who was trying to hit him over the
head with a shopping cart.) A friend of mine pushed the button once
because he was being attacked by a patient and desk simply came back with
instructions for him to reset his radio--they never asked if there was a
problem. (EMS dispatched by PD and uses their radio system.)

I know of one occasion where the button was actually helpful. A PO pushed
the button after being punched in the jaw. The dispatcher on duty didn't
ask any questions and immediately flooded the area with all available POs.
It was a good two minutes later that the initial PO got a chance to speak
into the mic and tell the desk what was happening.

Apu, NJ EMT-D.....amullick@vaxc.stevens-tech.edu

WARNING: I DISCRIMINATE
E-mail is dealt with immediately;
Snail mail, if I have nothing to do (never) or I'm bored (sometimes)

2564. Re: mods at oak.oakland.edu

Newsgroup: rec.radio.scanner
Date: 1994-09-20 06:52:12 UTC
From: beldar@eskimo.com
Message-ID: <CwF1qB.E6o@eskimo.com>
Source record: 268520

In article <19940919.045028.953@almaden.ibm.com>,
<rcampanile@VNET.IBM.COM> wrote:
> I'm thinking of getting another scanner and am interested in the
pro43.
>I've been reading that used one's are being sold by Radio Shack as new
>as indicated in this internet.I also get the feeling that there is a
>unmodifiable pro43 out there as well. Can anyone tell me if all pro43's
>are modifiable and if not what to look for? Also I dealt with MaryMac
>before and was pleased. Does anyone know if they are selling used one's
>as new?..... Thanks in advance.
>
>
>
>Rich

I called MaryMac last month and kindly asked whether their pro43s were modifiable (this was before I knew of the "A" in the serial #). This jerk on the other end said "I do not want to have anything to do with modifying scanners". I said that I do not want you to modify one, I just want to know if your 43s CAN be modified. He said in an angry tone that he didn't want to talk about it anymore. I think he was afraid that he might be contributing to illegal activity by merely talking about it. I then called Grove and asked about their 43s. A nice lady quickly told me that they had sold out all modifiable 43s and that all remaining stock could NOT be modified. Thank you Grove for not pushing one of those new ones on me. I ended up buying a modifiable demo locally and paying the tax.

2565. Re: The bug bit me

Newsgroup: rec.radio.scanner
Date: 1994-09-20 09:47:07 UTC
From: gregabel@mail.vt.edu
Message-ID: <gregabel.127.0009C94F@mail.vt.edu>
Source record: 268383

In article <35laer$4fi@newsbf01.news.aol.com> smacken@aol.com (SMacken) writes:

>I could log into my old Q-link account if you would prefer.

Wow! So Im not the only one you used to be on Q-Link....!

-Greg
==========
Gregory Abel gregabel@mail.vt.edu Future Technology Educator
==========

2566. Re: Does anybody know about Trident scanners?

Newsgroup: rec.radio.scanner
Date: 1994-09-20 11:20:35 UTC
From: steven@sgb.oau.org
Message-ID: <CwFE6C.DHv@sgb.oau.org>
Source record: 268524

Michael Schuster (schuster@panix.com) wrote:
: >I was just wondering if they are any good or not, and if anyone
: >knows if they are modifiable to open up the cellular.

: They're "ok" if you get a good one. Each model has its quirks and
: strengths.

: No Trident scanner now sold in the US will receive cellular frequencies or be
: reprogrammed/modified to do so. You can be certain that after having big
: fined levied on them by the FCC that ACE made =sure= of that.

Well, they use to have their reception ranges programmable, do you
know anyone who tried those instructions on a US model and found they
did not work?

It's interesting to note the AR-8000 has its cellular locked out in
memory by serial programming, and there are folks already working on
the software for use in the US to convert them to cellular. Since
some or all of the code is in FLASH Rom or NVRAM and it *is* fully
accessible, even if they were to f*ck with the code in the US models,
it will soon be possible to put it back the way it's designers had
intended it!

Personally, my solution is overseas. Funny how the FCC feels it
needed to help the world's economy at the expense of the US dealers,
and with possession legal, they can not stop you bringing them in,
just keep it 3 or less and of course, they are not for use here,
merely exhibit/show/possession, the reasons you are exempt for any
such import ban. I mean if I really wanted to get down right NASTY
about it, I could import them for purpose of re-sale to government
agencies :-) which also is a way in, but then re-define the purpose
after delivery -- since records and licenses are not required to
deal with such items in small quantities. Meaning, I take it in with
intent of re-sale to government agency, and then 6 month's later, I
neither know where it went nor have a receipt. Since I would have
paid customs duties, there would be no reason (and NO legal reason)
to maintain records since I would then show I was not acting in a
commercial business transaction, but a personal one and -- err, yes
sir it was re-sold, can't quite recall to who though, may have been
out of the country though! The law does not require such records.

Think about that and the next hamfest tailgate area -- how many of
those hams keep records on what they sell? Not many and are they
required to do so by law? No. Are they required to keep identity
information on who buys a receiver -- even if they submit tax? No,
as long as the amounts are correct.

Well so much for the latest installment of how to bypass the FCCs
dumb rules and LONG LIVE INTERNATION TRADE!

Steven
--
Steven G. Bradley | Internet: steven@sgb.oau.org
Forest City, Florida, USA | steven@gate.net
----------+----------
Home: 407/862-7226 | CompuServe: 73232,505
Work: 407/578-8007 ext 1196 | America Online: sgbradley

2567. Airport Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-20 12:01:04 UTC
From: jstone@iglou.iglou.com
Message-ID: <1994Sep20.120104.20039@iglou.com>
Source record: 268375

To: engleae@g222-05.nextwork.rose-hulman.edu (Andrew E Engle)
Subject: Airport Freqs

>From: engleae@g222-05.nextwork.rose-hulman.edu (Andrew E Engle)
E>Hello! I am in the process of searching for frequencies used by two
>airports in the United States, those being Indianapolis International
>Airport and Washington (DC) National Airport. If anyone has any active
>frequencies for either or both of these airports, I would greatly
>appreciate you sending them to me!

Indy Intl.
unicom: 122.95
atis: 125.35
app con: 119.3
app con-west of active runway: 124.65
app con-east of active runway: 127.15
indy twr: 120.9; 123.95; 257.8
indy gnd con: 121.9; 121.8
dep con: 119.05; 317.8; 124.65; 124.95; 127.15
clnc del: 128.75; 257.8

DC Natl'
unicom: 122.95
atis: 132.65
rdo: 122.0; 122.2; 122.6; 122.1; 255.4
app con: 118.3; 306.3; 119.85; 322.3; 124.2; 269.0; 124.7; 338.2
twr: 119.1; 120.75; 110.0; 257.6
gnd con: 121.7; 257.6
dep con: 121.05; 343.7; 118.9; 257.2; 126.55; 269.5; 125.65; 396.1
clnc del: 128.25

Hope this helps,

John Stone

 QMPro 1.52 9th SRW:Peace is our Profession..Photography is our hobby

--

2568. What about RS Realistic 34?

Newsgroup: rec.radio.scanner
Date: 1994-09-20 12:40:08 UTC
From: swirsky@umis.upenn.edu
Message-ID: <35ml78$a3s@netnews.upenn.edu>
Source record: 268377

I keep seeing the nice things you are saying about the Radio Shack Pro-43. But I don't recall ever seeing anything about what *I* bought (2 years ago?) at Radio Shack... a Realistic (Pro?) 34. 200 channels.

It's been working but, as this is my first scanner, I can't compare it to anything else.

Comments? Thanks!

2569. Military SATCOM advice needed!

Newsgroup: rec.radio.scanner
Date: 1994-09-20 12:45:24 UTC
From: hpeach@ca.uky.edu
Message-ID: <hpeach.142.000CC1B9@ca.uky.edu>
Source record: 268388

Last Christmas I received a Grove ScannerBeam as a gift. I am now getting around to putting it
up (I have a lot of half-built kits too). My thought has been that my main use for this antenna
would be to receive military satellites in the 200-400 MHz band. To do this is going to require
the outlay of some additional cash so I have a few questions:

1) Is there enough traffic being transmitted in the clear via these birds to make the investment
worthwhile? What type of comms (i.e., would I be able to listen to the operations going on in
Haiti if I had this in place now or would I just pickup routine stuff?) can one expect to hear?

2) Is the typical mode FM, SSB, or what?

3) Is it reasonable to assume that a log periodic, 10dB preamp, and a PRO-2004 (feeding an
ICOM 745 if SSB is needed) will do a decent job?

4) WHO MAKES AN INEXPENSIVE, REMOTELY POWERED PREAMP THAT WOULD WORK
FOR THIS APPLICATION?

5) WHERE CAN I FIND AN INEXPENSIVE, LIGHT DUTY AZ-EL ROTOR FOR THIS
APPLICATION?

73, Harold

Harold
hpeach@ca.uky.edu

2570. Re: 900-956 Mhz.

Newsgroup: rec.radio.scanner
Date: 1994-09-20 13:17:12 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CwFJKo.966@nntpa.cb.att.com>
Source record: 268380
Cross-posted to: alt.radio.scanner,rec.radio.scanner

You didn't say what make/model scanner you were using but you
may have been hearing an image. Cellular images above 900 MHz
are *very* common in Uniden scanners. Or the user you hear could
have been using an SMR repeater with telephone interconnect and
was confused.

I work in the AMPS Wireless Development (cellular phone) Laboratory
at AT&T Bell Labs and don't know of any US cellular phone systems
in the 900+ MHz range.

In article <35lnh1$e0t@cwis.isu.edu>, <vonbphil@cwis.isu.edu> wrote:

>I was listening in on the 900 Mhz range just last
>week and heard a person distinctly say they were using their cellular/car
>phone to make the call....
>
>So...if there aren't cell phones in the 900 Mhz area, why did the girl on
>the other end of the conversation see the caller's driving around her
>house....
>
>--
>Phillip F. von Bargen | ...Forever in debt to
>Idaho State University | to your priceless
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2571. Re: BC200XLT died :(Please Help

Newsgroup: rec.radio.scanner
Date: 1994-09-20 13:44:08 UTC
From: HARRY ROBERTSON <gascan@delphi.com>
Message-ID: <RI4y-vw.gascan@delphi.com>
Source record: 268376

Todd Barth <todd@shell.portal.com> writes:

>I recently turned on my 200XLT after a while on inactivity and was confronted
>with a brief flash of the display, where I noted the low battery icon was on.
>Then the scanner went dead. No problem I said to myself, just plug it in to
>recharge. Well, since that time, the scanner has not returned to normal, even
>with the battery pack fully charged.

I had a similar problem with the display on a new RS43, turns out that
it was still the battery. Are you sure that it took a full charge?
I assume that your 2500 is like mine with both a charge and dc power unit
input. What does it do with the use of dc power direct?

>ago. The low battery mod has not been done. Any help would be appreciated.

What is the "low battery mod"?

Harry

2572. Re: pro-43 question

Newsgroup: rec.radio.scanner
Date: 1994-09-20 13:49:30 UTC
From: HARRY ROBERTSON <gascan@delphi.com>
Message-ID: <RKxQPv6.gascan@delphi.com>
Source record: 268378

David Retzik <dretzik@uoguelph.ca> writes:

>Is a radio shack pro-43 marked 12A2 ok for mods?

Yes

2573. rec.radio.scanner.marketplace

Newsgroup: rec.radio.scanner
Date: 1994-09-20 14:23:16 UTC
From: saidji@eig.unige.ch
Message-ID: <1994Sep20.162316.1@eig.unige.ch>
Source record: 268385

What About a newsgroup named :
rec.radio.scanner.marketplace ?

And what about a file named :
used-scanner-price ?

saidji@eig.unige.ch

2574. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-20 14:26:12 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep20.092612.2923@hnrc.tufts.edu>
Source record: 268381

In article <brett_miller.471.0011FF7E@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
> A fun trick is to tell the salesdroid that you have a "shorted fuse" and
> that's why it isn't working. See if he agrees with you.
>
> (hint: fuses blow OPEN. A fuse should be shorted!)

Look at it from a competent salesperson's point of view. A customer comes in with a problem that (s)he says is related to a fuse. Did (s)he bring the fuse? No? Sell them a fuse. The terminology might be wrong and one might provide a gentle correction, but it might be easier to agree, knowing that the problem was being addressed, than possibly offend the customer. A salesperson might show the customer an intact and a blown fuse and ask which the customer's resembled, but if the customer knew enough to *assert* that the problem was the fuse, why cause a fuss?

2575. Re: pro-43 question

Newsgroup: rec.radio.scanner
Date: 1994-09-20 14:29:13 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep20.092913.2925@hnrc.tufts.edu>
Source record: 268382

In article <35ldne$aql@nermal.cs.uoguelph.ca>, dretzik@uoguelph.ca (David Retzik) writes:
> Is a radio shack pro-43 marked 12A2 ok for mods?
US units without an A in the serial number are modifiable.
Don't know about Canadian units.

2576. In article gascan@delphi.com, HARRY ROBERTSON <gascan@delphi.com> () writes:

Newsgroup: rec.radio.scanner
Date: 1994-09-20 14:45:22 UTC
From: jcarter@orl.mmc.com
Message-ID: <35msi2$eqn@theopolis.orl.mmc.com>
Source record: 268386

```
//I recently turned on my 200XLT after a while on inactivity and was confronted
//with a brief flash of the display, where I noted the low battery icon was on.
//Then the scanner went dead. No problem I said to myself, just plug it in to
//recharge. Well, since that time, the scanner has not returned to normal, even
//with the battery pack fully charged.
//ago. The low battery mod has not been done. Any help would be appreciated.
```

The same thing happened to mine after about 6 months of inactivity. It still scans but the receiver is dead. I took it apart and found that a small transistor or regulator was fried and the top was blown off. I don't know what it was because I don't have a schematic or parts layout. I suspect that the nicad pack reversed voltage bacause of the inactivity. I put it on the charger when it didn't work and should have checked the voltage. Also the low voltage mod had been installed in this scanner.

How many others have had this BC 200XLT problem?

Jim

```
o o ooo o o ooo oo o o | James A. Carter | Jcarter@orl.mmc.com
o o o o o o o o o oo o | MARTIN MARIETTIA | FCC Lic. KD4PON
o o o o o o o o o o o o | Electronics & | These views are my own and
o o o o oooo ooo o o o oo | Missiles Division | not that of my employer.
o o o o o o o o o oo | Orlando, Florida |
o o ooo o o oo o o | 32855 | Thanks Jim
```

2577. Re: AR-8000 Wanted

Newsgroup: rec.radio.scanner
Date: 1994-09-20 15:04:19 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.294.053E657E@CCCS.UMN.EDU>
Source record: 268384
Cross-posted to: rec.radio.scanner,rec.radio.swap,alt.radio.scanner

In article <35lkkc$sd0$1@mhadg.production.compuserve.com> Steven W. Weinstein
<73327.3472@CompuServe.COM> writes:
>From: Steven W. Weinstein <73327.3472@CompuServe.COM>
>Subject: Re: AR-8000 Wanted
>Date: 20 Sep 1994 03:23:56 GMT

>Does anyone have an AR-8000 currently in stock? I have been
>trying to find someone who does not have them on back order for
>over 2 months now.

There was a note on CI$ that EDCO (the US importer) was still
discussing the size of the FCC type acceptance label with the Feds :-(

--rick
+---+
| Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
| Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |
| Cancer Screening Trial voice: (612) 627-4151 |
| University of Minnesota fax: (612) 627-4158 |
| 212 Ontario St SE, Suite 202 |
| Minneapolis, MN 55414 |
+---+

2578. Re: pro-2006 520mhz-760mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-20 15:52:08 UTC
From: ian@isis.demon.co.uk
Message-ID: <780076328snz@isis.demon.co.uk>
Source record: 267908

In article <CwCu52.Mo0@cix.compulink.co.uk>
rowley@cix.compulink.co.uk "Rowland Cottingham" writes:

> Can you guys over there not get the Yupiteru MVT-7100? Handheld,
> continuous coverage from 100kHz-1650Mhz, true LSB and USB tuning, AM, FM,
> Wide FM
> min 50Hz tuning steps, 1000 memories; available in the UK for about $800
> equivalent all in...

How much ?
Best price I've seen is 320 UKP inc VAT. Comes to arround 410-420 USD without
tax.
--

| Ian Smith | "The Moving Finger writes;
| ian@isis.demon.co.uk | and, having writ, Moves on."

2579. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-20 16:44:58 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Sep20.084458.4572@cmkrnl>
Source record: 268389

In article <35i2tb$k0h@acmex.gatech.edu>, gt0265d@prism.gatech.edu (GATOR !!!) writes:
> I once went into the Rat Shack in Lenox Mall in Atlanta, (all the ones here
> are awful, unlike back in Melbourne, FL, where some of the employees are even
> hams...) and I wanted to buy a 1/8 inch stereo plug and jack to use as a
> quick-disconnect power connector. The sales droid asked what I was doing, and
> I told him. He then launched into this spiel about how I could not run
> battery power through an audio-type connector. "Why?", I asked. "Well, these
> are for earphone signals, not electricity." As I was trying to keep from
> busting out laughing, I asked him what the difference between earphone signals
> and electrical signals was. "Well, ummm... the earphones aren't electrical,
> and that plug was not made for electricity." I tried to explain that the
> earphone signals were just oscillating electricity, but he just gave me a
> blank look and said something like, "Well, I don't think that's right..." I
> just told him to go read one of the "Now Your Talking" books behind him, and
> to tell his manager that it might not be a bad idea to go back to the "The
> Customer Is Always Right" philosophy.
>
> I did not buy the connectors.
>
> ===
> MIKE "GATOR" WHALEY KD4UGI H: (404) 881-9580 W: (404) 853-9902
> gt0265d@prism.gatech.edu 40265 Georgia Tech Station, Atlanta, GA 30332

Uh, maybe just as well that you didn't, Mike. That business about "earphones aren't electrical" is definitely ROFL material, but you should know that the reason that the portable electronics industry has switched to those coax power jacks and plugs is that the typical phone jack, whether mini or full-sized, tends to short the plug tip to the ring and /or sleeve for a moment as the plug is inserted. This is not good for most power supplies (or power wires either).

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

2580. Re: What about RS Realistic 34?

Newsgroup: rec.radio.scanner
Date: 1994-09-20 17:03:32 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <35n4l4$19h@thecourier.cims.nyu.edu>
Source record: 268413

I have (two) '34s and a 2005. If you ever scan 800MHz for
police, you'll get cellular images throughout rendering
it useless. I got the 2005 because I was living here in
New York and the intermod shredded the 34.

The 34 is only double conversion (meaning the images aren't
moved but 20MHz away) and the image rejection circuitry isn't
all that good. The unit worked fine in 453MHz while living
in Philadelphia, but 476MHz here in NYC was crushed. I had
many good years with it in the 'burbs though. The power *and*
charge plugs ended up falling out of the machine. I bought
another one with a perfect body and smashed screen, played
Frankenstein, and gave a good working unit to my girlfriend.

I loaded up the internal connection of the BNC adapter to
the circuit board with solder, and that reduced the clickiness
the unit had whenever you would shake it. Also, it picks up
signals better than my dash mounted 2025 and my 2005 (using the
stock whip).
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012
+----IMPORTANT:-----+
<-----------These 2 DEAD after 9/23/94--------->	<-starts 9/24/94-->
Work <-- (forwarded)	
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu,	jacksons@cs.nyu.edu
+---+-------------------+

2581. Pro-39 Mod. question

Newsgroup: rec.radio.scanner
Date: 1994-09-20 17:39:40 UTC
From: allds@indirect.com
Message-ID: <allds.57.0011A9CD@indirect.com>
Source record: 268424

Im getting ready to Mod. my Pro-39, what I want to know is.....can all Pro-39's be modded...or are there some that cant???

I just wanted to know befor I opened it up???

Thanks

_/_/_/

2582. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-20 17:46:05 UTC
From: av378@FreeNet.Carleton.CA
Message-ID: <CwFw0u.A4D@freenet.carleton.ca>
Source record: 268397

In a previous article, toby15@aol.com (Toby15) says:

>In article <1994Sep7.224809.18772@ultb.isc.rit.edu>,
>jds0447@ultb.isc.rit.edu (J.D. Spewak) writes:
>
>>> I wasn't sure that airport security would even let something like a
>>> handheld radio/sacnner on a plane, would they? Wouldn't that thing
>pick
>>> up on the x-ray as being a complex electronical device, something like
>a
>>> bomb? Isn't that why they ask you to turn on portable laptop
>>> computers?
>
>Of course not all the people who go through airport security end up on the
>planes. When I go to the airport to drop off or pick up travelers, I
>usually bring a scanner into the terminal and have yet to be challenged by
>'airport security'.
>
>And it is really fun to listen to the Passenger Agents, luggage handlers,
>cabin cleaners, maintenance staff, ramp control, and crew coordinators --
>not to mention the airport police and fire departments.
>
>

>
An easier way to listen in on the action both in the airport and on the plane is to use an Optronics AM Interceptor. No searching, scanning or frequency programming is necessary. You simply turn it on and it locks on to the strongest AM broadcast nearby. With practice, you can reject strong AM broadcasts from commercial stations and receive only airport/airplane broadcasts. A similar device is Optronics FM Interceptor for the FM mode. I've been pleased with the quality of the product and the reception.

2583. The Pro-2028

Newsgroup: rec.radio.scanner
Date: 1994-09-20 17:54:55 UTC
From: plocke@irvine.com
Message-ID: <CwFwFK.GCy@irvine.com>
Source record: 268394

The local Radio Shack was dumping their Pro-2028 scanners for 99 bucks
last spring, so I picked one up for my desk at work. I have seen no
mods or special unpublished functionality discussed for this simple
50-memory scanner in this group or in the 'mods' ftp directories.
Does anybody know anything interesting about this scanner?

Please email responses to cpl@irvine.com

Thanks,
cpl

2584. Summary: AOR-Questions

Newsgroup: rec.radio.scanner
Date: 1994-09-20 17:57:24 UTC
From: guest1@ind.rwth-aachen.de
Message-ID: <35n7q4$82h@urmel.informatik.rwth-aachen.de>
Source record: 268390

Weeks ago I posted the following questions:
****
1. I am looking for a remote control program (over RS-232) for my AR-3000.
The program should be running on an IBM PC.

It should be able to scan frequency bands, log field strength statistics and
give a graphical overview about the long term band activity.

I saw several programs for Icom and Kenwood rigs on ftp.funet.fi in
/pub/ham/misc, but I didn't found any programs for the AOR AR-3000.
I searched with archie and veronica, but I found really nothing.

There aren't any sources for the Icom and Kenwood programs on the net only
the binaries. Has anybody a program for the AR-3000 or the sources for
the Icom and Kenwood programs? If I get this sources I will modify them
for the AR-3000 and post them on the net.

2. Are the newsgroups rec.radio.scanner, alt.scanner or rec.radio.digital.misc
achieved by any anonymous ftp side?

3. There are a lot of programs to decode packet radio (AX25).
They need different hardware support (TNC, FSK-Modem or a single OP-circuit
at the serial port of the PC).

The program pktmon12.pas for example can decode AX25. It only needs
a OP which convert the scanner audio input in a binary RS-232 signal.
It comes with full source code and works very fine on strong signals.

Has anybody modified pktmon12.pas or any similar programs to decode

a) the number dialed by any kind of mobile phones
b) the number dialed by any kind of cellular phones
c) the number dialed by any kind of cordless phones
d) POSAG paging signals
e) airplane VHF-transponder signals
f) any other digital stuff?
****

I got no answers to questions number two and three.

I got one answer to the first question. Thanks to Ed Greenwood (edg@northcoast
.com).

There are two programs on the CompuServe hamnet forum for the AR-3000 remote
control.

Spectr.zip (10kB) is a qbasic program running under DOS to make spectrum plots.
It is very slow and produces a low resolution graphic. I cannot recommend it,

but it works.

AR3KA.ZIP (417kB) is a scanner control program running under Windows
and looks very nice, but I cannot transfer any valid data to my AR-3000!
Maybe I'm doing something wrong. I'm still trying.

With best regards
Karl

2585. Re: BC200XLT died :(Please Help

Newsgroup: rec.radio.scanner
Date: 1994-09-20 17:59:44 UTC
From: mike@huikau.sh-gpl.ti.com
Message-ID: <35n7ug$3dt@superb.csc.ti.com>
Source record: 268461

: Todd Barth <todd@shell.portal.com> writes:
:
: >I recently turned on my 200XLT after a while on inactivity and was
: >confronted with a brief flash of the display, where I noted the
: >low battery icon was on.
: >Then the scanner went dead. No problem I said to myself,
: >just plug it in to recharge. Well, since that time, the scanner
: >has not returned to normal, even
: >with the battery pack fully charged.
:
:
Depends what you mean by "normal". When the battery gets really low in
a 200XLT it will set the lock out on each and every entered frequency.
It seems to keep the entered info, it just makes you go through and manually
unlock each one as sort of a penance for not charging often enough.

--
Michael Haight mike@sh-gpl.ti.com

2586. Re: Airport Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-20 18:00:11 UTC
From: battin@cyclops.iucf.indiana.edu
Message-ID: <CwFwoC.8B9@usenet.ucs.indiana.edu>
Source record: 268406

In article <35fs7o$2il@master.cs.rose-hulman.edu>, Andrew E Engle
(engleae@g222-05.nextwork.rose-hulman.edu) wrote:
> Hello! I am in the process of searching for frequencies used by two
> airports in the United States, those being Indianapolis International
> Airport and Washington (DC) National Airport. If anyone has any active
> frequencies for either or both of these airports, I would greatly
> appreciate you sending them to me!

I believe these freqs will work for Indianapolis International:

132.2 MHz - ???
121.1 MHz - approach
119.3 MHz - approach

at least I have heard stuff on them.

Don't know what's used at Washington.

--
Gene Battin, N9XAM
battin@iucf.indiana.edu

2587. New Pro-series

Newsgroup: rec.radio.scanner
Date: 1994-09-20 18:08:08 UTC
From: davion28@netcom.com
Message-ID: <davion28CwFx1L.EEq@netcom.com>
Source record: 268393
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Has anyone seen the new Pro-series scanners that are in the catalog. I went to radio shack and saw what look like a bearcat but was a Radio shack scanner. I asked the salesmen and he showed me a new 1000 channel scanner. He said that you can hook it up to you cable what ever that means. Does anyone know what he meant?

2588. Re: Disneyland Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-20 18:16:11 UTC
From: plocke@irvine.com
Message-ID: <CwFxEz.H9L@irvine.com>
Source record: 268402

When at Disneyland you may also want to monitor their amateur repeater
on 146.940. If you have a 2m rig you might wish to use the repeater.
Check the ARRL repeater directory for the PL frequency. Also, there
is a network held at 7:00 pm on Thursdays.

2589. Re: 46.0 Mhz Directional Ant.

Newsgroup: rec.radio.scanner
Date: 1994-09-20 18:16:40 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <35n8u8$cmi@mozo.cc.purdue.edu>
Source record: 268392

cremer@delphi.com (charlie cremer) writes:

>Steve Barrow asks:

>>Would anyone have plans for a 46.0 Mhz directional antenna? I am
>>trying to pinpoint the cordless phones in my neighborhood.
>

>Keep listening, and wait 'till they order a pizza! Works for me.
>

Sheeeeiit. The people in MY neighborhood are so radio-ignorant that
they give out their social security numbers, credit card numbers, you
name it on their cordless phones. Were I a dishonest crook, I could
have made out like a bandit with that information.

If I felt like it, I could compile QUITE a set of dossiers on about
2/3 of my neighbors, complete with bank account numbers and business info.....

Duane

2590. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-09-20 18:25:36 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <35n9f0$ct9@mozo.cc.purdue.edu>
Source record: 268398

g9153402@huey.csun.edu (Berton Corson) writes:

>All PRO-2006's should be modifiable. I just purchased one, and I
>modified mine. Radio Shack's successor to the 2006 will be the
>PRO-2035. This model shouldn't be modifiable, to conform to U.S.
>law. I say shouldn't, since it won't be out until next month.
>But who knows... Once it's out, there may be someone out there
>who buys one, takes it apart, and figures something out...

Although if the manufacturer is smart and REALLY WANTS
to comply with the law, all they have to do is use multi-layer
PC boards and make greater use of custom LSI chips. Trying to
do ANYTHING with such a radio, including repair one, would be damn
near impossible - trust me, we see this happening frequently in the
computer business. If you get a PC board that is 7 or 8 layers thick
and has a defect WAAAAAY down in the middle, it may well be
impossible to repair....which would have a similar effect on
modifications.

The custom IC's, if done in Large Scale Integration (LSI)
means one big chip to do about 100 things, with fewer components on
the PC board. Signals that you used to be able to access on the
PC board would then be *inside* the IC where you can't get
at them.

While this has the tendancy to make the units more reliable
in the sense that they have fewer parts to fail, AND, less time
consuming to troubleshoot (if any of X, Y or Z happens, replace chip
A) they are a real SOB to try and modify.....

Duane

2591. Re: Wanted: DTMF Decoder

Newsgroup: rec.radio.scanner
Date: 1994-09-20 18:29:10 UTC
From: ddillon@csulb.edu
Message-ID: <35n9lm$h5e@garuda.csulb.edu>
Source record: 268396
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hugh Hemington (hughem@netcom.com) wrote:
: Does anyone know what the actual DTMF frequencies are? I also downloaded
: and wasted time with DTMF101.EXE, on my SB16ASP. Could we get the source
: code to this thing? Maybe a Windows version would be more usefull anyway.
: hughem@netcom.com

Look in the ARRL handbook, they are listed there. They are also
listed in one of those Engineer Mini Handbooks that the Rat Shack sells
for less than 5 bucks. If you buy a DTMF encoder or decoder from Rat
Shack the literature enclosed also has the actual dual tone frequency
listings. You may even try an electronics handbook.
If you want to build a DTMF decoder, it is really simple, and the
entire circuit is listed (If my memory serves me correctly) in the ARRL
handbook. There is a simple circuit included in the little paper that
comes with the DTMF decoder chip that can be picked up at the rat shack.
The out put is in binary, but can be converted easily enough.
And as a last resort, I have seen shareware programs that will
use a Soundblaster or compatable card to decode and store all dtmf tones
sent to the input of the mic jack. Check your local packet BBS with a
landline entrance.

2592. Re: Military SATCOM advice needed!

Newsgroup: rec.radio.scanner
Date: 1994-09-20 18:34:24 UTC
From: domonkos@access3.digex.net
Message-ID: <35n9vg$n61@news1.digex.net>
Source record: 268395

Harold G. Peach Jr. (hpeach@ca.uky.edu) wrote:
: Last Christmas I received a Grove ScannerBeam as a gift. I am now getting around to putting it
: up (I have a lot of half-built kits too). My thought has been that my main use for this antenna
: would be to receive military satellites in the 200-400 MHz band. To do this is going to require
: the outlay of some additional cash so I have a few questions:

: 1) Is there enough traffic being transmitted in the clear via these birds to make the investment
: worthwhile? What type of comms (i.e., would I be able to listen to the operations going on in
: Haiti if I had this in place now or would I just pickup routine stuff?) can one expect to hear?

: 2) Is the typical mode FM, SSB, or what?

: 3) Is it reasonable to assume that a log periodic, 10dB preamp, and a PRO-2004 (feeding an
: ICOM 745 if SSB is needed) will do a decent job?

: 4) WHO MAKES AN INEXPENSIVE, REMOTELY POWERED PREAMP THAT WOULD WORK
: FOR THIS APPLICATION?

: 5) WHERE CAN I FIND AN INEXPENSIVE, LIGHT DUTY AZ-EL ROTOR FOR THIS
: APPLICATION?

: 73, Harold
: ---
: Harold
: hpeach@ca.uky.edu

A log periodic doesn't give enough gain so a 10-20db preamp at the antenna
will help. You'll also need to adjust the elevation of the antenna.
MT had a good article a month or so ago re; building a helical gain antenna
for mil-sat use.

Andy

2593. Police Terminology

Newsgroup: rec.radio.scanner
Date: 1994-09-20 18:43:53 UTC
From: lombardi@bedford.progress.com
Message-ID: <35nah9$7ro@progress.progress.com>
Source record: 268404

I've been listening to Boston Police for several evenings, and I keep hearing a term I'm unfamiliar with. Also, I haven't heard a long enough conversation to be able to put it in context.

The term is D.K. So far, I've heard snips like, "He DK'd." And "Was he DK'd?"

Is this a universal acronym or possibly local to Boston? Any takers?

2594. Re: rec.radio.scanner.marketplace

Newsgroup: rec.radio.scanner
Date: 1994-09-20 19:03:03 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <35nbl7$2f9@thecourier.cims.nyu.edu>
Source record: 268429

rec.radio.swap is for all radio gear, although it's mostly ham stuff
and scanners. If you don't get it, ask for it by name.

|> What About a newsgroup named :
|> rec.radio.scanner.marketplace ?

|> And what about a file named :
|> used-scanner-price ?

That could be summarized as:

1> 50% of current price if it's double conversion

2> 75% of current price if it's triple conversion, and less
than a year old. Otherwise, see 1.

3> 85% of current price if it's triple conversion, cellular modifyable,
and still available.

4> 100% of last offered price if was <3> but is no longer
available.

Notice there isn't any reference to what you paid for it.

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012
+----IMPORTANT:-----+
<-----------These 2 DEAD after 9/23/94--------->	<-starts 9/24/94-->
Work <-- (forwarded)	
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu,	jacksons@cs.nyu.edu
+---+-------------------+

2595. Re: Pro-2006 question

Newsgroup: rec.radio.scanner
Date: 1994-09-20 19:09:59 UTC
From: wierz@flamingo.NoSubdomain.NoDomain
Message-ID: <CwFzwo.4I2@melpar.esys.com>
Source record: 268403

In article <35nc9i$56s@everest.pinn.net>, Scragg@pinn.net (Joe Eckhout) writes:
|> I have a pro-2006 and I know what happens when you clip out the bottom diode
|> behind the keypad (D502 I think). Does anyone know what happens when you
|> take the top one out?
|>
|>
|> Joe
|>
|> (The guy with who found out he can make his pro 2006 do neat things with a
|> pair of wire cutters)

Curious, I gave my pro 2006 a pair of wire cutters too, but it just sits
there on my end table - dumb as a box of rocks - refusing to do any tricks
at all. =;^)

John L. Wierzbicki --- jwierzbicki@melpar.esys.com
****
* "The very atmosphere of firearms anywhere and everywhere restrains *
* evil interference - they deserve a place of honor with all that's *
* good." ------- George Washington *
* *
****

2596. Pro-2006 question

Newsgroup: rec.radio.scanner
Date: 1994-09-20 19:13:54 UTC
From: Scragg@pinn.net
Message-ID: <35nc9i$56s@everest.pinn.net>
Source record: 268391

I have a pro-2006 and I know what happens when you clip out the bottom diode behind the keypad (D502 I think). Does anyone know what happens when you take the top one out?

Joe

(The guy with who found out he can make his pro 2006 do neat things with a pair of wire cutters)

2597. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-09-20 19:26:54 UTC
From: wierz@flamingo.NoSubdomain.NoDomain
Message-ID: <CwG0ou.4s7@melpar.esys.com>
Source record: 268408

>> From: wb9omc@constellation.ecn.purdue.edu (Duane P Mantick)
>> Subject: Re: Beware new 2006
>>
>> Although if the manufacturer is smart and REALLY WANTS
>> to comply with the law, all they have to do is use multi-layer
>> PC boards and make greater use of custom LSI chips. Trying to
>> do ANYTHING with such a radio, including repair one, would be damn
>> near impossible - trust me, we see this happening frequently in the
>> computer business. If you get a PC board that is 7 or 8 layers thick
>> and has a defect WAAAAAY down in the middle, it may well be
>> impossible to repair....which would have a similar effect on
>> modifications.

I'm an Engineer with a defense contractor, and I debug a lot of PC boards. Multilayer boards are easy to fix. When you discover that your circuit is fucked up, get out the scope and look for a missing signal. Will typically be a ttl input sitting at 2 volts (I'm a digital guy). Bingo - busted trace. Solder a 30 guage wire from the driving chip to the chip sitting at 2 volts. (Put wire on solder side.) Tack down the wire and you are done. Doesn't matter of 2 layer or 20 layer board - just bypass the defect - no?

John L. Wierzbicki --- jwierzbicki@melpar.esys.com
****
* "The very atmosphere of firearms anywhere and everywhere restrains *
* evil interference - they deserve a place of honor with all that's *
* good." ------- George Washington *
* *
****

2598. Carter's Haiti negotiations intercepted via scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-20 19:29:03 UTC
From: tbohr1@ed8751.pto.ford.com
Message-ID: <35nd5v$j3c@ef2007.efhd.ford.com>
Source record: 268401

Did anyone notice on CNN monday morning Bernard Shaw had a transcript of
on of Carter's conversations during the Haiti negotiations, and was
reading them to Carter. Carter seemed surprised at this, saying something
like

"I thought that information was classified and not to be leaked...,
and I am curious could you tell me how you got it?"

To which Bernie responded: "We recieved this information from a source
in haiti who was able to pick up the conversation
on an upper side-band ham radio".

Carter then mentioned something about the phone link supposedly being
secure, then I think he again pressed Bernie for the name and Bernie
refused to give the name of the source, only how they got it. Carter
then said something about "Isn't this similar to what happened to Prince
Charles"...

My thoughts: Either the conversation was picked up on a scanner in the
cellular range (I bet it was Glen Roberts!) or there must
have been an extra link or two (Carter to translator via
cell phone, translator to Haiti generals via ham radio, etc.

I forget if you conversation they were discussing involved
Carter to Clinton or Carter to Haiti. Carter to Clinton
would likely involve scenario 1, while Carter to Haiti would
likely involve scenario 2.

Did anyone else see this and can expand or correct my memory? I really didn't
pay much attention to the program until the "upper side band ham radio"
reference was used.

Tim

2599. Re: Advice solicited

Newsgroup: rec.radio.scanner
Date: 1994-09-20 19:35:13 UTC
From: Scragg@pinn.net
Message-ID: <35ndhh$5n2@everest.pinn.net>
Source record: 268399

> The scanner has been discontinued for legal reasons

I have had a pro-2006 for a few years and I love it. Do you know what the legal reasons are behind why they discontinued it? Or is it just to easy to modify like so many people seem to have done?

Joe

2600. SCANNER CRYSTALS

Newsgroup: rec.radio.scanner
Date: 1994-09-20 21:04:54 UTC
From: tlierman@earth.execpc.com
Message-ID: <35nipm$d0i@homer.alpha.net>
Source record: 268407

Does anyone know of a good place to get scanner crystals??? Besides RADIO SHACK that charges $5 each... Thanks.,

tlierman@exepc.com

2601. Modifable RS scanners redirected to Canada

Newsgroup: rec.radio.scanner
Date: 1994-09-20 21:14:45 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CwG5oL.FHq@freenet.carleton.ca>
Source record: 268400

Apparently the RS Pro43, Pro51 etc are being sent here to Canada
were it is not illegal to sell them. Or so the rumour from a local
RS Droid.

10-4

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

2602. Re: Carter's Haiti negotiations intercepted vi

Newsgroup: rec.radio.scanner
Date: 1994-09-20 21:29:49 UTC
From: rja@Eng.Sun.COM
Message-ID: <35nk8d$5eq@engnews2.Eng.Sun.COM>
Source record: 268425

In article j3c@ef2007.efhd.ford.com, tbohr1@ed8751.pto.ford.com (Tim Bohr) writes:
+
+Did anyone notice on CNN monday morning Bernard Shaw had a transcript of
+on of Carter's conversations during the Haiti negotiations, and was
+reading them to Carter. Carter seemed surprised at this, saying something
+like
+
+"I thought that information was classified and not to be leaked...,
+ and I am curious could you tell me how you got it?"
+
+To which Bernie responded: "We recieved this information from a source
+ in haiti who was able to pick up the conversation
+ on an upper side-band ham radio".
+
+Carter then mentioned something about the phone link supposedly being
+secure, then I think he again pressed Bernie for the name and Bernie
+refused to give the name of the source, only how they got it. Carter
+then said something about "Isn't this similar to what happened to Prince
+Charles"...
+
+My thoughts:

According to posts on rec.radio.shortwave, a SWLer picked up
the conversation on a shortwave radio (in USB mode), then called
CNN and blabbed his butt off. Thank you Mr. SWLer (idiot!).

Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

The Constitution of the United States: R.I.P, 8/26/94

2603. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-20 21:48:43 UTC
From: gt0265d@prism.gatech.edu
Message-ID: <35nlbr$s4m@acmex.gatech.edu>
Source record: 268405

jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:

>In article <35i2tb$k0h@acmex.gatech.edu>, gt0265d@prism.gatech.edu (GATOR !!!) writes:
>> I once went into the Rat Shack in Lenox Mall in Atlanta, (all the ones here
>> are awful, unlike back in Melbourne, FL, where some of the employees are even
>> hams...) and I wanted to buy a 1/8 inch stereo plug and jack to use as a
>> quick-disconnect power connector. The sales droid asked what I was doing, and

<< Rest of story deleted >>

>> I did not buy the connectors.
>> MIKE "GATOR" WHALEY KD4UGI H: (404) 881-9580 W: (404) 853-9902

>Uh, maybe just as well that you didn't, Mike. That business about "earphones
>aren't electrical" is definitely ROFL material, but you should know that the
>reason that the portable electronics industry has switched to those coax power
>jacks and plugs is that the typical phone jack, whether mini or full-sized,
>tends to short the plug tip to the ring and /or sleeve for a moment as the
>plug is inserted. This is not good for most power supplies (or power wires
>either).
> --- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
>Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

Well, I thought about things like that... but at the time, it was only a few
hours before a major public-service event... so after I found that Rat Shack
didn't even stock the "real" connectors, save for the ONE they had that I had
to use to plug into the radio, I was forced to substitute. I wasn't aware of
the shorting thing though... but since the only time it gets unplugged is when
it falls off my belt, well, no big harm done to the battery pack! Thanks for
the advice though, it is something to keep in mind for future projects...

73 de G8R

```
*******************************************************************************
* MIKE "GATOR" WHALEY KD4UGI gt0265d@prism.gatech.edu *
* 40265 Georgia Tech Station, Atlanta, GA 30332 (404) 881-9580 *
* "Ipecac- isn't that a Genesis album?" --- Joel, MST3K *
*******************************************************************************

--
==============================================================================
MIKE "GATOR" WHALEY KD4UGI H: (404) 881-9580 W: (404) 853-9902
gt0265d@prism.gatech.edu 40265 Georgia Tech Station, Atlanta, GA 30332
==============================================================================
```

2604. Frequencies for the "Great Mall of the Bay Area"

Newsgroup: rec.radio.scanner
Date: 1994-09-20 23:19:02 UTC
From: Bob Armstrong <rla@rahul.net>
Message-ID: <CwGBFr.8G1@rahul.net>
Source record: 268421
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone have the frequencies assigned to the new (opens the
day after tomorrow) Great Mall, in Milpitas ?

Thanks,
--
Bob Armstrong <rla@rahul.net>

2605. Re: Carter's Haiti negotiations intercepted via scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-20 23:44:36 UTC
From: greg@core.rose.hp.com
Message-ID: <CwGCMC.MzL@icon.rose.hp.com>
Source record: 268410

Tim Bohr (tbohr1@ed8751.pto.ford.com) wrote:
: My thoughts: Either the conversation was picked up on a scanner in the
: cellular range (I bet it was Glen Roberts!) or there must
: have been an extra link or two (Carter to translator via
: cell phone, translator to Haiti generals via ham radio, etc.

I strongly doubt it had anything to do with Ham Radio. Hams aren't involved in that sort of communication. Check out rec.radio.shortwave - it appears that several shortwave listeners heard the same conversation on some sort of HF (shortwave) phone channel.

Greg.

2606. Re: Scanner output thru car speakers

Newsgroup: rec.radio.scanner
Date: 1994-09-20 23:45:12 UTC
From: Bob Summers <cmrls03@ntrtp.com>
Message-ID: <1994Sep20.234512.19224@brtph560.bnr.ca>
Source record: 268432

In article <1994Sep12.115335.4541@cmkrnl> Jamie Hanrahan, jeh@cmkrnl.com writes:
>(Dear heart, the vast majority of car head units, including some very good
>ones, *don't have* CD/AUX inputs.)

If you have a cassette player then a cassette adapter that comes with most portable cd players works great connected to the headphone jack of your scanner.

2607. Re: Police Terminology

Newsgroup: rec.radio.scanner
Date: 1994-09-21 00:11:21 UTC
From: mtiernan@world.std.com
Message-ID: <CwGDuy.2vx@world.std.com>
Source record: 268431

Note adjusted distribution! (ne)

Skip Lombardi <lombardi@bedford.progress.com> wrote:
> I've been listening to Boston Police [...]
> The term is D.K. [...]
Means DrunK.

The one that gets me is "GOA" I ASS-U-ME it means something like
Gone On Arrival.
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

2608. Re: Police Terminology

Newsgroup: rec.radio.scanner
Date: 1994-09-21 00:36:10 UTC
From: smacken@aol.com
Message-ID: <35nv5q$qg1@newsbf01.news.aol.com>
Source record: 268433

It means DrunK !

Iv'e also heard it in many other cities that do not use ten-codes.

Boston as you know uses really clever codes like "OCEAN FRANK"
for off
And "OCEAN NORA" for on.

Why I dont know seeing as it takes longer to say them than the actual
word. But ya know......

Steve Natick Ma. Just west of beantown

2609. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-09-21 01:11:39 UTC
From: g9153402@huey.csun.edu
Message-ID: <35o18b$4ps@nic-nac.CSU.net>
Source record: 268416

john wierzbicki ec (wierz@flamingo.NoSubdomain.NoDomain) wrote:
> >>
> >> Although if the manufacturer is smart and REALLY WANTS
> >> to comply with the law, all they have to do is use multi-layer
> >> PC boards and make greater use of custom LSI chips. Trying to

> I'm an Engineer with a defense contractor, and I debug a lot of PC boards.
> Multilayer boards are easy to fix. When you discover that your circuit is

I guess all that leaves is the manufacturer just totally incasing the
circuit boards in resin. You just couldn't get to any part then, without
wrecking it. Of course, this would leave the radio you bought probably
unrepairable, even if the smallest thing goes wrong with it. I just
don't know if manufacturers would want to create a product that only
could be taken apart with a blow-torch...

2610. PRO-51 Mod: Shorten squelch tail

Newsgroup: rec.radio.scanner
Date: 1994-09-21 01:34:06 UTC
From: moy@xp.psych.nyu.edu
Message-ID: <9409210139.AA07611@xp.psych.nyu.edu>
Source record: 268422

Hello fellow scanbots,

Radio Shack PRO-51: Modification to shorton squelch tail

This change was performed successfully on a unit coded "11A3." The
CPU in this unit was marked "Uniden UC1581." Use the following
information at your own risk! Neither I nor my employer are
responsible for any damages you may incur from this information!

Orientations are with the set flat on a work surface, LCD display
facing down, with antenna BNC and knobs facing away from yourself.

As with any electronic instrumentation, remove all power and take
all necessary precautions to prevent damage from electrostatic
discharge (ESD). This modification requires fine soldering and
familiarity with surface mount devices.

CAUTION:

Be aware that parts of the circuitry will *still* be powered!
There is a capacitor on the digital board that keeps the channel
memory alive. This capacitor may contain enough energy to damage
the electronics should a short occur.

Parts required: One 1/10th watt carbon resistor, 100K to 220K. Value is
not critical. A lower value shortens the time the squelch remains open
after incoming signal stops. The resistor should physically as small
as possible.

Opening Case

Fortunately, this set is very easy to open. Open battery
compartment and remove batteries. Remove four screws: two
straddle the sticker on the back of the cabinet, two others at the
upper part of the battery compartment. There are two small
plastic detents at the floor of the battery compartment. They are
directly downwards from the "-" and "+" legends, which are molded
on an extension of the removable back. These detents will need to
be unhitched to allow the back to separate from the front.
Pull back off gently.

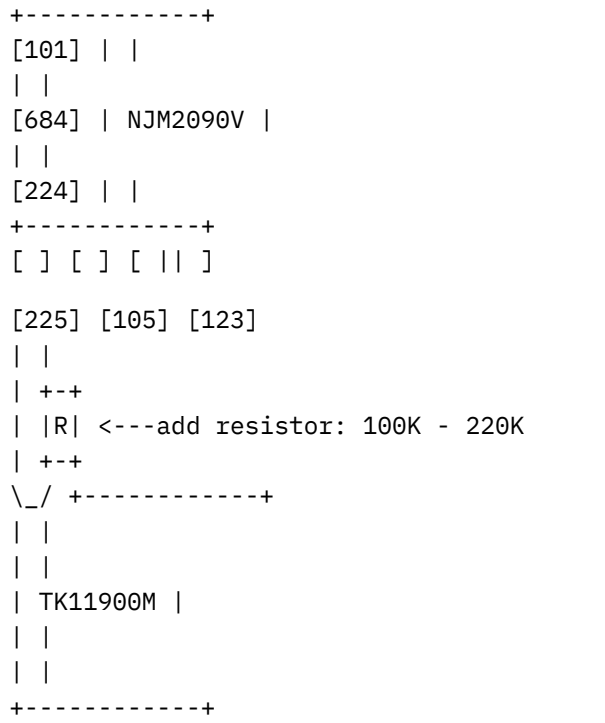
Remove RF board

The RF board is attached to the top panel, which contains the
volume and squelch controls and the antenna connector. At this
point, the board is essentially free and will separate from the
rest of the set when the header connector at the lower right is
pulled apart. This header provides electrical connections between

the two boards. Lift the RF board straight out, and set the rest of the radio aside. Flip RF board over, keeping BNC pointing away from yourself.

Add resistor

Refer to the ASCII diagram below. Bend one of the resistor leads close to the body of the resistor so that the resistor forms a hairpin shape. Trim leads and solder the new resistor in parallel with the chip resistor marked "105." The latter is positioned between the two surface-mount IC's towards the bottom of the RF board. Press the new resistor parallel to the circuit board, making sure there are no shorts.



Thanks to Bob Parnass for clarifying the nature of the "squelch tail" problem and for inspiring me to figure out this modification.

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

2611. Re: Police Terminology

Newsgroup: rec.radio.scanner
Date: 1994-09-21 01:38:00 UTC
From: copeland@metronet.com
Message-ID: <CwGHvD.Jvo@metronet.com>
Source record: 268411

In article <35nah9$7ro@progress.progress.com>,
Skip Lombardi <lombardi@bedford.progress.com> wrote:
>I've been listening to Boston Police for several evenings, and I keep
>hearing a term I'm unfamiliar with. Also, I haven't heard a long
>enough conversation to be able to put it in context.
>
>The term is D.K. So far, I've heard snips like, "He DK'd." And
>"Was he DK'd?"
>
>Is this a universal acronym or possibly local to Boston? Any takers?

Given the location I'd bet "DK'd" is "decayed".

--

| copeland@metronet.com |

2612. Re: Airport Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-21 02:33:12 UTC
From: chyde@crl.com
Message-ID: <35o618$i9s@crl2.crl.com>
Source record: 268415

Could somebody list the frequencies for Lambert Airport in St. Louis, MO?

Thanks,
Chris Hyde
chyde@crl.com

2613. Need info on Uniden BC55XLT

Newsgroup: rec.radio.scanner
Date: 1994-09-21 02:44:49 UTC
From: browere@einstein.cs.ucdavis.edu
Message-ID: <35o6n1$ajh@nic-nac.CSU.net>
Source record: 268417

I am considering the purchase of a Uniden BC55XLT by mail.
I was wondering if anyone knew about this model-
specifically, whether it is of decent quality and if it
can be modified to receive ~800mHz.
I appreciate any information on this model.

Eric

2614. Inversion Encryption

Newsgroup: rec.radio.scanner
Date: 1994-09-21 03:28:36 UTC
From: tmnichol@nps.navy.mil
Message-ID: <35o994$g4s@sagan.nps.navy.mil>
Source record: 268435

Would somebody please post info on either how to build,
or where to purchase a descrambler for voice inversion
encryption.

Thanx

2615. Looking for mods for 8500?

Newsgroup: rec.radio.scanner
Date: 1994-09-21 03:31:32 UTC
From: russ@usr1.primenet.com
Message-ID: <35o9ek$24q@news.primenet.com>
Source record: 268430

I am looking for mods for the bearcat 8500 scanner, can anyone help?
Thanks Russ russ@news.primenet.com

2616. Re: Scrambling Cordless Signal.

Newsgroup: rec.radio.scanner
Date: 1994-09-21 03:39:00 UTC
From: abe@rabbit.corp.sgi.com
Message-ID: <35o9sk$oo1@fido.asd.sgi.com>
Source record: 268434

Panasonic also makes a cordless phone for about $120 that uses
this primative "frequency inversion" scrambling technique that
makes you sound like Donald Duck to someone unable to descramble
the audio signal. (You can buy little hobby kits to descramble
these things... costs about $20 to $30)

Motorola supposedly has a cool looking cordless "flip phone" which
looks like their cellular units. These also use some form of
scrambling. I saw a picture of this thing in one of the "hobby"
electronics mags.

Does anyone know where to buy this Motorola cordless? I haven't
seen them in the stores yet.

In article <350cm1$dcf@nic-nac.CSU.net>, g9153402@huey.csun.edu (Berton
Corson) writes:
|>
|> Subject: Re: Scrambling Cordless Signal?
|> Newsgroups: rec.radio.scanner
|> References: <34vuqs$euc@search01.news.aol.com>
|> Organization: Calstate University Northridge
|> Distribution:
|> X-Newsreader: TIN [version 1.2 PL2]
|>
|> Shawn4sk1shawn4sk1@aol.com) wrote:
|> >I'm sure it's been discussed before so if you think it won't be of
|> much
|> >interest to the group, please E-mail me directly.
|> >I'm wondering if it is possible to scramble the cordless phone signal
|> on
|> >my phone so the "general" listener can't evesdrop like I do to them
|> >(snicker, snicker...).
|> >I realize any scrambler of reasonable availability can be descrambled
|> but
|> >I don't think many people around here have the gear to descramble
|> >anyway...
|> >What is the cost? Where can I get it? How much? If there are options
|> on
|> >the market- if you are educated on the differences, please decribe the
|> >options and their relative cost and pros and cons.
|> >Thanks in Advance!
|> >soliver@ozarks.sgcl.lib.mo.us
|>
|> Portable phones are already made that scramble. In fact, GTE
|> PhoneMarts

|> in my area, just placed an ad for one in the local paper today. I
|> think
|> the price was $98, and the ad stated the fact that unscrambled cordless
|> phone conversations could be heard possibly by other cordless phones
|> near
|> where you live, and by scanners. But the scrambling techniques on
|> these
|> phones (which make you sound something like a mumbling Donald Duck on
|> a receiver that doesn't unscramble) is rather primitive, and
|> unscramblers
|> I've heard are available. So I still don't suggest using these phones
|> for super-secret, personal, or sensitive stuff.
|>

--
Abe Collins | Silicon Graphics, Inc. MS/14L-135 | Ph:
415.390.3026
Channel Development | 2011 N Shoreline, Mt.View CA 94043 | Fx:
415.390.6325

Internet CompuServe Prodigy America Online
abe@sgi.com 70741,56 TJDU70A AbeSGI

All wiyht. Rho sritched mg kegtops awound?

2617. Mobile Scanner & 2m Radio

Newsgroup: rec.radio.scanner
Date: 1994-09-21 04:31:02 UTC
From: wwhitby@aol.com
Message-ID: <35ocu6$1pm@newsbf01.news.aol.com>
Source record: 268437

My mobile scanner and 2m radio don't mix. I use a coax switch, but I dislike having to shut off the scanner and push the switch when I want to transmit. Is there any automatic switches available that sense RF and switch the antenna out of line? The scanner uses a feed from the FM radio antenna. Any thoughts and help would be greatly appreciated.

Warren Whitby
wwhitby@aol.com
Nichols Research Corp.
73s de KE4ITL

2618. Re: Carter's Haiti negotiations intercepted vi

Newsgroup: rec.radio.scanner
Date: 1994-09-21 05:21:18 UTC
From: davidm@iglou.com
Message-ID: <EByVkK7gXPvU071yn@iglou.com>
Source record: 268420

In article <35nk8d$5eq@engnews2.Eng.Sun.COM>,
rja@Eng.Sun.COM (Robert Allen) wrote:

>> According to posts on rec.radio.shortwave, a SWLer picked up
>> the conversation on a shortwave radio (in USB mode), then called
>> CNN and blabbed his butt off. Thank you Mr. SWLer (idiot!).

Okay, looking into my crystal ball here, this is what I predict...

All kinds of telephone executives will read/hear about how Carter's conversation was heard. They will then start another round of bribes to Congress to get a law passed that bans the sale or manufacture of any shortwave radio that can also receive any frequencies outside the shortwave or commercial broadcast bands. It will also be made illegal to listen to anything other than recognized shortwave braodcasts. Kind of sounds like the cellular phone/scanner episode doesn't it...

David
davidm@iglou.com

2619. Re: Police Terminology

Newsgroup: rec.radio.scanner
Date: 1994-09-21 06:13:35 UTC
From: Ivan Landis <wk03268@worldlink.com>
Message-ID: <2989210310.4.wk03268@worldlink.com>
Source record: 268414

>DATE: 20 Sep 1994 18:43:53 GMT
>FROM: Skip Lombardi <lombardi@bedford.progress.com>
>I've been listening to Boston Police for several evenings, and I keep
>hearing a term I'm unfamiliar with.
>The term is D.K.

In Philadelphia it means drunk!

2620. Re: Police Terminology

Newsgroup: rec.radio.scanner
Date: 1994-09-21 06:16:07 UTC
From: amullick@vaxc.stevens-tech.edu
Message-ID: <1994Sep21.011607.1@vaxc.stevens-tech.edu>
Source record: 268428

In article <CwGHvD.Jvo@metronet.com>,
copeland@metronet.com (Charles Copeland) writes:
> In article <35nah9$7ro@progress.progress.com>,
> Skip Lombardi <lombardi@bedford.progress.com> wrote:
>>I've been listening to Boston Police for several evenings, and I keep
>>hearing a term I'm unfamiliar with. Also, I haven't heard a long
>>enough conversation to be able to put it in context.
>>
>>The term is D.K. So far, I've heard snips like, "He DK'd." And
>>"Was he DK'd?"
>>
>>Is this a universal acronym or possibly local to Boston? Any takers?
>
> Given the location I'd bet "DK'd" is "decayed".

IMHO decayed is equivilent, but from listening to local cops here
(Hudson Cty., New Jersey across the river from NYC) I'd be more generous
in describing the persons in question--they are simply drunks.

Kinda weird abbreviation for drunk but then again Hudson Cty. PDs use
"14" instead of "10-4" -- oh well.

Apu.....amullick@vaxc.stevens-tech.edu
WARNING: I DISCRIMINATE
E-mail is dealt with immediately;
Snail mail, if I have nothing to do (never) or I'm bored (sometimes)

2621. A funny thing happened at Rat Shack ...

Newsgroup: rec.radio.scanner
Date: 1994-09-21 06:26:55 UTC
From: dooman@indirect.com
Message-ID: <35ojnf$6p0@herald.indirect.com>
Source record: 268412

I went to my local Rat Shack to buy a Motorola to BNC adapter and opend a conversation with the geek at the counter.

I asked him directly about the PRO-2006. His comment to me was that another local RS had sold one after RS had pulled them from the shelves. The employee that sold it was forced to get it back from the guy who bought it. After retrieving the scanner he was terminated.

My wife them asked him how much his store was selling the PRO-51 for. (We just got ours about three weeks ago - and like most women, she wanted to know if it was cheaper at this store.) At this point he got a little nervous. I brought up the cell mod ... acting like I didnt know it ... he got real quite and proceded to note the basic instructions for the mod on the back of my receipt! He stopped quickly at the site of his manager coming in the front door from dinner.

"Radio Shack - Freindly AND Informative!"

--

<<< - dooman ** dooman@indirect.com ** Randy DeForest - >>>

2622. Re: stupid salesdroid tricks

Newsgroup: rec.radio.scanner
Date: 1994-09-21 06:48:43 UTC
From: agardk@iia.org
Message-ID: <EGcTke-O3BG9071yn@iia.org>
Source record: 268436

In article <1994Sep12.151217.1797@msus1.msus.edu>,
hoffj@mhd1.moorhead.msus.edu (Jerad Hoff) wrote:
>
>I thought there was a law against companies requsting personal information
>to complete a sale. There must some sort of privicy law.

This whole thing is a non-issue. Whenever I go to RS and we get to the point where they ask for a tel no I simply say "NONE". If they don't get the hint and ask for a name I say "CASH". It have *never* gone any further than that. I fail to see what the problem here is other RS bashing or wasting bandwidth.

KMA

2623. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-09-21 07:11:56 UTC
From: schuh@phys.unca.edu
Message-ID: <35ombs$icl@balsam.unca.edu>
Source record: 268418

Berton Corson (g9153402@huey.csun.edu) once wrote:
: john wierzbicki ec (wierz@flamingo.NoSubdomain.NoDomain) wrote:

: > I'm an Engineer with a defense contractor, and I debug a lot of PC boards.
: > Multilayer boards are easy to fix. When you discover that your circuit is

: I guess all that leaves is the manufacturer just totally incasing the
: circuit boards in resin. You just couldn't get to any part then, without
: wrecking it. Of course, this would leave the radio you bought probably
: unrepairable, even if the smallest thing goes wrong with it. I just
: don't know if manufacturers would want to create a product that only
: could be taken apart with a blow-torch...

Nah. That's what Dremel Tools are for!

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

2624. Re: rec.radio.scanner.marketplace

Newsgroup: rec.radio.scanner
Date: 1994-09-21 07:16:31 UTC
From: schuh@phys.unca.edu
Message-ID: <35omkf$icl@balsam.unca.edu>
Source record: 268419

saidji@eig.unige.ch once wrote:
: What About a newsgroup named :
: rec.radio.scanner.marketplace ?

What for? So that everybody who wants to sell something will post to at least two (three including a.r.s) newsgroups instead of just one?

There's nothing wrong with your idea, it's just that from what I've seen, people just end up putting multiple newsgroups into their posting headers, so the stuff gets posted all over the place.

: And what about a file named :
: used-scanner-price ?

Are you volunteering? Or do you want someone else to do the dirty work?

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

2625. Re: Pro-2006 question

Newsgroup: rec.radio.scanner
Date: 1994-09-21 07:20:11 UTC
From: schuh@phys.unca.edu
Message-ID: <35omrb$icl@balsam.unca.edu>
Source record: 268423

Joe Eckhout (Scragg@pinn.net) once wrote:
: I have a pro-2006 and I know what happens when you clip out the bottom diode
: behind the keypad (D502 I think). Does anyone know what happens when you
: take the top one out?

Uh, the 2006 can't have any kids (Pro-51's) since you've done a complete
vasectomy?

Actually, you get a negligible increase in scanning speed. (13% - 15%,
from what I've read posted in this group, so 25 cps turns into about
30 cps) (cps = channels per second)

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

2626. Re: What about RS Realistic 34?

Newsgroup: rec.radio.scanner
Date: 1994-09-21 10:15:01 UTC
From: beldar@eskimo.com
Message-ID: <CwH5s2.8vx@eskimo.com>
Source record: 268440

In article <35ml78$a3s@netnews.upenn.edu>,
Ted Swirsky <swirsky@umis.upenn.edu> wrote:
>
>I keep seeing the nice things you are saying about the Radio Shack
Pro-43.
>But I don't recall ever seeing anything about what *I* bought (2 years
>ago?) at Radio Shack... a Realistic (Pro?) 34. 200 channels.
>
>It's been working but, as this is my first scanner, I can't compare it
to
>anything else.
>
>Comments? Thanks!

The Pro-34 is an excellent scanner except for one thing, it is awfully
slow at scanning and searching when compared with todays models. The
Pro-39 and Pro-43 with hyperscan can scan at least 3 times as fast as
the Pro-34.

2627. PRO-46 MODS

Newsgroup: rec.radio.scanner
Date: 1994-09-21 11:15:45 UTC
From: bmg@sirius.larc.nasa.gov
Message-ID: <35p4l1$t52@reznor.larc.nasa.gov>
Source record: 268442

Does anyone know of any mods for the PRO-46. I would like to open up the
200-400MHz and 869-896 MHz bands which would allow me to get complete
coverage from 100-956MHz.

****
* Ben M. Grady (bmg@sirius.larc.nasa.gov) *
* Microwave Technologist All expressed opions are my own *
* Mail Stop 490 and do not represent the opions *
* NASA Langley Research Center of NASA. *
* Hampton, Va. 23681-0001 *
* Phone (804)864-8628 *
****

2628. CE-232 interface address/phone # wanted

Newsgroup: rec.radio.scanner
Date: 1994-09-21 11:33:34 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <35p5me$lpf@paperboy.gsfc.nasa.gov>
Source record: 268441

I'm trying to find the number for the retailers of the ce-232 boards
any help ?

2629. Problem with RS-2020 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-21 13:30:17 UTC
From: jernandez@pbs.org
Message-ID: <jernandez-210994083017@jernandez.pbs.org>
Source record: 268438

A friend without Internet access is having problems with his PRO-2020 scanner so I am posting this message. He claims that when the unit is turned on it will scann, but he has no control of the radio. It appears to not stop on any frequency. Has anyone else had this problem? IS there a quick mod or fix for the problem?
Please E-Mail me with comments!

--
John J. Ernandez
Communication Systems Engineer
Public Broadcasting Service

"My Favorite Location On the Pennsy" MP-46.8 Plainsboro, NJ

E-Mail jernandez@pbs.org Member:PRR Technical & Historical Society
Phone: 703-739-5474 Southern Railway Historical Association
Amateur Radio: KA2YAP

2630. motorola ac850 cell mods

Newsgroup: rec.radio.scanner
Date: 1994-09-21 23:48:59 UTC
From: gws@n8emr.cmhnet.org
Message-ID: <1994Sep21.234859.1540@n8emr.cmhnet.org>
Source record: 268368
Cross-posted to: alt.cellular-phone-tech,alt.radio.scanner,rec.radio.scanner

Anyone have any mods or undocumented features for the motorola
850 mobile/bagphone?
--
Gary W. Sanders gws@n8emr.cmhnet.org, 72277,1325
N8EMR @ N8JYV (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]
HAM BBS 614-895-2553 (1200/2400/V.32/PEP) Voice: 614-895-2552 (eves/weekends)

2631. Re: Police Terminology

Newsgroup: rec.radio.scanner
Date: 1994-09-22 01:15:00 UTC
From: ares@bga.com
Message-ID: <35qlqm$dfr@giga.bga.com>
Source record: 268409

Skip Lombardi (lombardi@bedford.progress.com) wrote:
: I've been listening to Boston Police for several evenings, and I keep
: hearing a term I'm unfamiliar with. Also, I haven't heard a long
: enough conversation to be able to put it in context.

: The term is D.K. So far, I've heard snips like, "He DK'd." And
: "Was he DK'd?"

: Is this a universal acronym or possibly local to Boston? Any takers?

Must be local or regional....I'm not familiar with it. Are you sure it's
not the coroner talking about the condition of a body that's been laying
around for a while? <G> Yeah yeah, gallows humor...

Steve Gibson |
ares@bga.com | The Badge means I'm broke...
Austin PD -- Austin, TX |

Disclaimer: Views expressed above are my own opinions and are not those of
the Department or of the Chief.

2632. BC200 LOW BATTERY MOD?

Newsgroup: rec.radio.scanner
Date: 1994-09-22 01:23:04 UTC
From: hodo_gary@macmail2.cig.mot.com
Message-ID: <hodo_gary-210994192304@mac-aj-4.cig.mot.com>
Source record: 268342

What is the low battery mod that is mentioned from time to time in this newsgroup? Sounds like a mod I may want to do to my BC200. I'm tired of losing my battery during a hot call. Any indication of where my battery strength is would be greatly appreciated.

I'm on a friend's computer so please respond to this newsgroup.

Thank You,

D. Panek

2633. Mod For Uniden BC100XLT sought

Newsgroup: rec.radio.scanner
Date: 1994-09-22 04:53:46 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <780198713@f747.n115.z1.ftn>
Source record: 268352

-=> Quoting NIN42 to All <=-

NI> I had my Uniden BC100XLT open the other day and noticed a socket that
NI> was labeled "800 MHz unit" , is it possible to convert this to an 800
NI> MHz scanner?
NI> Any info would be greatly appreciated.

From what I understand, the board used in the 100 XLT is also used in the
200 XLT. Yes, it is possible, but only if you get the required components
and a new case.

Jerry

2634. Need Pro 2032 mods. Please help!

Newsgroup: rec.radio.scanner
Date: 1994-09-22 04:54:37 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <780198714@f747.n115.z1.ftn>
Source record: 268351

-=> Quoting Gary Spong to All <=-

GS> Looking for these for a friend. I'd be very grateful for the
GS> modifications for the Realistic Pro 2032. -Thanks

Hi, Gary...

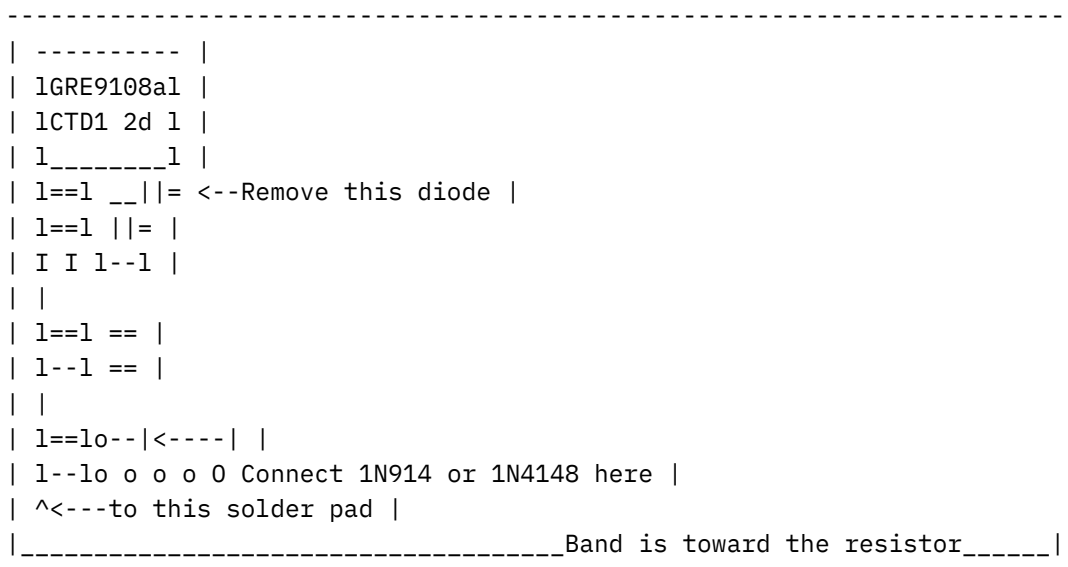
Product...Realistic PRO-2032 by Radio Shack
for units with date codes 4A4 and under
Purpose...Modify for continuous 800 Mhz coverage
in appropriate 30 Khz steps where applicable

Updated 7/94

** This modification is only valid for units manufactured before 5/94.
** Disclaimer...All modifications are done AT YOUR OWN RISK.
** Performing this modification may void your warranty.
** Perfroming this modification may enable certain portions of the 800 Mhz
band that is illegal to monitor under federal U.S. law.
** I strongly suggest taking ESD precautions by getting a static strap as
this involves work with static sensitive devices. Any electronics store
should have one for purchase.

This information is from the June, 1994 issue of Monitoring Times, p.
112.

Required equipment...small-tip soldering iron, small gauge rosin core
solder, desoldering wick, Phillips screwdriver, 1N914 or 1N4148 diode.
1. With the scanner unplugged from power, remove both upper and lower
covers (foru screws in the rear of the cabinet), taking care not to damage
the speaker wires.
2. Set the scanner upside down with the back facing you. Locate the
microprocessor shield (upper left corner near volume and squelch controls).
Unsolder and remove the shield.
3. Refer to the diagram and locate the three-legged diode at the lower
right of the microprocessor chip. Carefully unsosolder and remove this
diode.
4. Referring to the diagram, place a 1N914 or 1N4148 switching diode
across the solder pads as shown. (NOTE POLARITY) Remove any excess leads
and carefully solder it in place. Be sure it's leads will not contact any
other components, paths or the reassembled shield. A small piece of tape
may be used as insulation if necessary.
5. Plug the scanner into power, turn it on and test the unit by entering
any frequency that may have been blocked in the 800 Mhz range.
6. If successful, unplug the unit and reassemble the scanner.


| ---------- |
| lGRE9108al |
| lCTD1 2d l |
| l_______l |
| l==l __||= <--Remove this diode |
| l==l ||= |
| I I l--l |
| |
| l==l == |
| l--l == |
| |
| l==lo--|<----| |
| l--lo o o o O Connect 1N914 or 1N4148 here |
| ^<---to this solder pad |
|_____Band is toward the resistor_____|

Jerry

2635. The bug bit

Newsgroup: rec.radio.scanner
Date: 1994-09-22 05:00:33 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <780198715@f747.n115.z1.ftn>
Source record: 268348

-=> Quoting Allen Currin to All <=-

AC> Hi all! I'm new to the net and to scanning. My son has a Uniden 10
AC> channel scanner he got as a gift a couple of years ago. I found it in
AC> the bottom of his closet about a month ago and started playing with it.
AC> I started reading this newsgroup around the same time. The bug bit me
AC> and I got my PRO2006 last Saturday. All I can say is WOW!! If you are
AC> debating about getting a 2006 then I say just get it. You won't be
AC> disappointed.`

Welcome to scanning! <g> I have been scanning since I was 10 or so.
(I'm 30 now.) Ever since my dad brought home an 8 channel crystal RS
scanner, I have been hooked. I think I used it more than he did. <g>

AC> Now a couple of questions.
AC> What's a good range to search for military air. There is an AF, Air
AC> NG, and and Army base within 30 miles of my house near Columbia, SC. I
AC> got the RS discone antenna when I got my 2006, so I should be able to
AC> pick these up. Everything else is loud and clear!

An area to look around is 230 to 400 Mhz range. There are more areas,
but this is the most general area. I am not a big listener in this area,
so I am sure people will supply you with more specific freqs. They also
pop up here from time to time.

AC> If I do the scan speed mod, will I still have a high and low scan
AC> speed? Will the speed button still work?

Yes, you will still be able to change the speed. No problem.

Jerry

2636. What would a diff. antenna buy me?

Newsgroup: rec.radio.scanner
Date: 1994-09-22 05:06:19 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <780198716@f747.n115.z1.ftn>
Source record: 268350

-=> Quoting Mark Stieffenhofer to All <=-

MS> I have a Pro51 with the antenna it came with. What exactly would I
MS> gain if I would switch to a different antenna? The local RS droid said
MS> none. He also didn't know why the 51's were pulled from his store
MS> either (and was surprised to find out).

Better tell that RS droid to call his corporate office and fast. He could be in a lot of trouble for selling these units...oopps...on second thought, let him get in trouble. <g>

The gain on performance depends on what the duckie is designed to do. Some are set specifically for certain frequency ranges. You may get added performance in one range and decreased in another. RS does sell a telescopic antenna. This is a neat antenna because you can easily change the length for the range you want. This will enhance the performance, especially in the low band range, if that's where you like to listen.

Obviously, the duckie supplied is a compromise across all ranges of the scanner.

Jerry

2637. pro-43 question

Newsgroup: rec.radio.scanner
Date: 1994-09-22 06:53:29 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <780198720@f747.n115.z1.ftn>
Source record: 268349

```
-=> Quoting David Retzik to All <=-

DR> Is a radio shack pro-43 marked 12A2 ok for mods?

You should have no problems.

Jerry
```

2638. Re: Need list of radio call-signs ('A'=alpha, etc.)

Newsgroup: rec.radio.scanner
Date: 1994-09-22 09:43:42 UTC
From: clay@panix.com
Message-ID: <clay.1246.2E8151CE@panix.com>
Source record: 268444

In article <35qjgf$92n@nnrp.ucs.ubc.ca> dwatt@unixg.ubc.ca (David Watt) writes:

> Could anyone be so kind as to post a list of the typical
>(standard?) alphabetic call-signs. I've tried tracking my local police
>channels in an effort to establish the complete list, but the process is
>giving me one giant headache. Thanx.

The phonetic alphabet, in other words... Courtesy of
Brian Kelk <Brian.Kelk@cl.cam.ac.uk>:

From: Brian.Kelk@cl.cam.ac.uk
Newsgroups: alt.usage.english,sci.lang,rec.radio.amateur.misc,rec.radio.info
Subject: Alpha Bravo Charlie Delta: phonetic alphabets (repost)
Date: 7 Sep 1994 19:59:56 GMT
Organization: University of Cambridge Computer Laboratory

Phonetic Alphabets (Alpha Bravo etc)

There is a widely known alphabet Alpha Bravo ... Yankee Zulu.
Such alphabets are variously known as phonetic alphabets,
radio alphabets and spelling alphabets. This collection
currently includes alphabets for the following languages:

English, French, German, Dutch, Flemish, Italian,
Rumantsch, Slovak, Polish, Hungarian, Swedish,
Finnish, Russian and Chinese.

This posting is a repeat of the one of 23rd July.

My thanks to the many contributors, not all of whom are
acknowledged below.

I can make no guarantee of accuracy of this information;
indeed please send me any corrections or additions.

In my capacity as the editor of this collection I have no
objection to the further electronic distribution of this
posting in full in circumstances where it is likely to be of
interest.

Comments in square brackets are my own.

Brian Kelk bck1@cl.cam.ac.uk
7 September 1994

***** ENGLISH *****

The NATO phonetic alphabet (as per the Cambridge Encyclopedia
of Language under Seaspeak):

Alpha Bravo Charlie Delta Echo Foxtrot Golf Hotel India
Juliet Kilo Lima Mike November Oscar Papa Quebec Romeo
Sierra Tango Uniform Victor Whiskey Xray Yankee Zulu

[The same alphabet, modulo Alfa and Juliett, is approved by
the International Civil Aviation Organization and the FAA.
The International Telecommunication Union Phonetics list
has: Alfa, Juliette, Oscar/Oskar, Victor/Viktor.
Dates from about 1956.
UK police use Indigo instead of India (?)]

Telecom B:

Alfred Benjamin Charles David Edward Frederick George Harry
Isaac Jack King London Mary Nellie Oliver Peter Queen Robert
Samuel Tommy Uncle Victor William Xray Yellow Zebra

[Found in Swedish, Dutch, Hungarian telephone directories.
A Swiss directory has: Andrew Charlie Lussy Queenie Sugar]

British A:

Amsterdam Baltimore Casablanca Denmark Edison Florida
Gallipoli Havana Italia Jerusalem Kilogramme Liverpool
Madagascar New_York Oslo Paris Quebec Roma Santiago Tripoli
Uppsala Valencia Washington Xantippe Yokohama Zurich

[An 'international' alphabet in a Dutch telephone directory
has: Danemark. A 'French' alphabet in a Hungarian directory
has: Cassablanka Danemark Que'bec Upsala Zu"rich]

Used by police in New York City:

Adam Boy Charlie David Edward Frank George Henry Ida John
King Lincoln Mary Nora Ocean Peter Queen Robert Sam Tom
Union Victor William X-ray Young Zebra

[Variants: Eddie Larry Nancy Thomas Yankee Yellow]

Used by police in Nassau County, Long Island, New York:

Adam Boston Chicago Denver Edward Frank George Henry Ida
John King Lincoln Mary Nancy Ocean Peter Queen Robert Sam
Thomas Union Victor William X-ray Young Zebra

Used by police in San Diego, California:

Adam Boy Charles David Edward Frank George Henry Ida John
King Lincoln Mary Nora Ocean Paul Queen Robert Sam Tom Unit
Victor William Xray Yellow Zebra

Used by police in Hutchinson, Kansas:

Adam Boy Charles David Edward Frank George Henry Ida John
King Lincoln Mary Nora Ocean Paul Q.. Robert Sam Tom Union
Victor William X-ray Yankee Zebra

Sometimes used by radio hams (unofficial):

America Boston Canada Denmark England France Germany
Honolulu India Japan Kilowatt London Mexico Norway Ontario
or Ocean Pacific Quebec Radio Santiago or Spain Tokyo United
Victoria Washington Xray Yokohama Zanzibar

[Much variation: Amsterdam, Brazil, Baltimore, Chile,
Finland, Greece, Guatemala etc]

The ARRL (American Radio Relay League) alphabet (1948):

Adam Baker Charlie David Edward Frank George Henry Ida John
king Lewis Mary Nancy Otto Peter queen Robert Susan Thomas
union Victor William x-ray young zebra

[Nowadays the ARRL endorses the NATO/ICAO alphabet]

Allied Services 1945:

Able Baker Charlie Dog Edward Fox George How Item Jig King
Love Mike Nan Oboe Peter Queen Roger Sugar Tape Uncle Victor
William X-ray Yoke Zebra

From a book entitled "The Complete Morse Instructor..." (1944):

able baker charlie dog easy fox george how item jig king
love mike nan oboe peter queen roger sugar tare uncle victor
william x-ray yoke zebra

[The same alphabet is described as "Used by Armed services of
USA & GB" in the ARRL 1945 Handbook. Entries cited in variants
of this alphabet: affirm, cast, hypo, inter, negat, option,
over, prep]

Western Union:

Adams Boston Chicago Denver Easy Frank George Henry Ida John
King Lincoln Mary New_York Ocean Peter Queen Roger Sugar
Thomas Union Victor William X-ray Young Zero

British Army 1927:

Ack Beer Charlie Don Edward Freddy George Harry Ink Johnnie
King London Monkey Nuts Orange Pip Queen Robert Sugar Toc
Uncle Vic William X-ray Yorker Zebra

Royal Navy 1917:

Apples Butter Charlie Duff Edward Freddy George Harry Ink
Johnnie King London Monkey Nuts Orange Pudding Queenie
Robert Sugar Tommy Uncle Vinegar Willie Xerxes Yellow Zebra

U.S. Army 1916:

Able Buy Cast Dock Easy Fox George Have Item Jig King Love
Mike Nap Opal Pup Quack Rush Sail Tape Unit Vice Watch X-ray

Yoke Zed

***** FRENCH *****

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

anatole bernard c'ecile denise 'emile fran5cois g'erard
henri isidore jean kl'eber louis marcel nicole oscar pierre
quital robert suzanne th'er`ese ursule victor wagon xavier
yvonne zo'e

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Berthe Ce'cile Daniel Emile Franc,ois Gustave Henri Ida
Jeanne Kilo Louise Marie Nicolas Olga Paul Quittance Robert
Suzanne The're`se Ulysse Victor William Xavier Yvonne Zurich

***** GERMAN *****

Contributor: mrosa@eso.org (Michael Rosa)

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Julius Karl Ludwig Martha Nordpol Otto Paula Quelle Richard
Siegfried Theodor Ulrich Viktor Wilhelm Xanthippe Ypsilon
Zeppelin

Umlaut: A"rger O"dipus U"bel

More recent replacements: Konrad Zacharias

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

anton bertha c"asar dora emil friederich gustav heinrich ida
julius kaufmann ludwig martha nordpol otto paula quelle
richard samuel theodor ulrich viktor wilhelm xanthippe
ypsilon zacharias

"a "arger
ch charlotte
"o "okonom
sch schule
"u "ubermut

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Bertha Caesar Daniel Emil Friedrich Gustav Heinrich Ida
Jakob Kaiser Leopold Marie Niklaus Otto Peter Quelle Rosa
Sophie Theodor Ulrich Viktor Wilhelm Xaver Yverdon Zuerich

Contributor: Christof A Neumann <neumann@informatik.tu-muenchen.de>

(issued by Deutsche Bundespost)

Anton Bertha Caesar Dora Emil Friedrich Gustav Heinrich Ida
Jakob Konrad Ludwig Martha Nordpol Otto Paula Quelle Richard
Siegfried Theodor Ulrich Viktor Wilhelm Xantippe Ypsilon
Zeppelin

sch Schule

Contributor: Steve Dunham <dunham@gdl.msu.edu>

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Johann Kaufmann Ludwig Martha Nordpol Otto Paula quer
Richard Siegfried Theodor Ulrich Viktor Wilhelm Xaver
Ypsilon Zeppelin

ss Eszett

Contributor: Anno Siegel <anno4000@w172zrz.zrz.TU-Berlin.DE>

Arno Borvaselin Coburg-Gotha Doria Ernst Friedrichsroda
Gomorrha Herrenzimmer Ida Jawohl_Odol Kolberg_Ost Leonidas
Motor Nora Oekonom Per_Motorrad Quohnsdorf_bei_Forst
Revolver Sabine Tod Uniform Verbrennungstod Weltnordpol
Xolabaphon York_Yellowstone Zoroaster

oe Oekonomie
ue Ueberkonto

[This alphabet provides mnemonics for Morse code: a syllable
corresponds to a dash if it contains 'o', a dot otherwise.]

***** DUTCH and FLEMISH *****

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

Dutch Flemish

a anna arthur
b bernhard brussel
c cornelis carolina
d dirk desire
e eduard emiel
f ferdinand frederik
g gerard gustaaf
h hendrik hendrik
i izaak isidoor
j jan jozef
k karel kilogram
l lodewijk leopold
m marie maria
n nico napoleon
o otto oscar
p pieter piano
q quotient qualite
r rudolf robert
s simon sofie

t teunis telefoon
u utrecht ursula
v victor victor
w willem waterloo
x xantippe xavier
ij ijmuiden -
y ypsilon yvonne
z zaandam zola

***** ITALIAN *****

Contributor: ebuie@sed.csc.com (Elizabeth Buie)
ebuie@starlab.csc.com

Ancona, Bologna, Como, Domodossola, Empoli, Firenze, Genova,
Hacca, Imola, Jolly, Kappa, Livorno, Milano, Napoli,
Otranto, Pisa/Palermo, Quartomiglio, Roma, Savona/Siena,
Torino, Udine, Venezia, Wagner, Xilofono, York, Zara

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Battista Carol Davide Ernesto Federico Giovanni acca
Isidoro i_lungo cappa Luigi Maria Nicola Olga Pietro
Quintino Rodolfo Susanna Teresa Umberto Vittorio vu_doppia
ics ipsilon Zurigo

***** RUMANTSCH *****

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Berta Carla Dora Emil Flurin Guido Hugo Ida Judit Kilo
Luisa Maria Nesa Otto Paula Quirin Rita Silvia Toni Ursin
Victor Willi Xaver Yvonne Zita

***** SLOVAK *****

Contributor: Martin Votruba <votruba+@pitt.edu>

(telephone directory)

Adam, Boz~ena, Cyril, C~adca, Da'vid, D~umbier, Emil,
Frantis~ek, Gusta'v, Helena, CHrudim, Ivan, Karol, Ludvi'k,
L~ubochn~a, Ma'ria, Norbert, N~ - Nitra, Oto, Peter, Quido,
Rudolf, Sva"topluk, S~imon, Toma's~, T~ - Tepla', Urban,
Va'clav, W - dvojite' ve', Xaver, Ypsilon, Zuzana, Z~ofia

***** POLISH *****

Contributor: Michal Jankowski <michalj@fuw.edu.pl>

(Warsaw telephone directory)

Adam Barbara Celina Danuta Ewa Franciszek Genowefa Henryk
Irena Jadwiga Karol Leon L/ukasz Maria Natalia Olga Pawel/
Roman Stanisl/aw Tadeusz Urszula Wl/adysl/aw Xantypa Ygrek
Zygmunt

***** HUNGARIAN *****

(telephone directory)

Andra's Be'la Cecil Do'ra Eleme'r Ferenc Gizella Hajnalka
Istva'n Ja'nos Katalin Luca Ma'tya's Na'ndor Olga Piroska
Queen Ro'bert Sarolta Ti'mea Ubul Vilmos Walter Xe'nia
Ypsilon Zolta'n

***** SWEDISH *****

Contributors: simon@dront.nada.kth.se (Simon Tardell)
Jonas Wallgren <jwc@ida.liu.se>

Adam, Bertil, Cesar, David, Erik, Filip, Gustav, Helge,
Ivar, Johan, Kalle, Ludvig, Martin, Niklas, Olof, Petter,
Quintus, Rudolf, Sigurd, Tore, Urban, Viktor, Wilhelm,
Xerxes, Yngve, Z{ta,]ke, [rlig, \sten

where { is a with dots
] A with ring
[A with dots
\ O with dots

NB that W does not belong to the Swedish alphabet
(it is merely considered a graphical variant of V).

***** FINNISH *****

Contributor: Jukka Rahkonen <jrahkone@viikki.helsinki.fi>

Aarne Bertta Celsius Daavid Eemeli Faarao Gideon Heikki
Iivari Jussi Kalle Lauri Matti Niilo Otto Paavo Kuu Risto
Sakari Tyyne Urho Ville Viski [ks{ Yrj| Tseta]ke [iti \ljy

Uppercase Lowercase
] } a with circle (Swedish)
[{ a with dots
\ | o with dots

***** RUSSIAN *****

Contributor: tom@systemtechnik.tu-ilmenau.de (Thomas Planke)

Aleksej Boris Vasilij Grigorij Dmitrij Elena Zhenja Zoya
Ivan Ivan_Kratkij Kilowatt Leonid Maria Nikolai Olga Pavel
Roman Sergej Tatjana Uljana Fjodor Hariton Zaplja Chelovek
Shura Schuka Tviordiy_Znak Igrek Miagkiy_Znak Emilija Yuri
Jakow

***** CHINESE *****

The Chinese armed forces use the following in connection
with Romanised Mandarin:

Aiya Boli Ciqi Desheng Egu Fuzhuang Geming Heping I: Yifu
J.. Keren Leguan Mofan Nali Ouyang Polang Q.. Riguang
Sixiang Tebie U: Weida V: Wudao W: Wuzhuang X.. Yisheng
Zidian

***** END *****

Brian Kelk
Cambridge
U.K.
bck1@cl.cam.ac.uk
.-. .-.
/ \ .-. .-. / \
/ \ / \ .-. _ .-. / \ / \
-/--Clay Irving-(N2VKG)\-----/---\---/-\---/---\-----/-----\-------/-------\--
clay@panix.com \ / `-' `-' \ / \ /
New York, New York `-' `-' \ /
`-' `-'

2639. Re: Inversion Encryption

Newsgroup: rec.radio.scanner
Date: 1994-09-22 13:16:32 UTC
From: mtiernan@world.std.com
Message-ID: <CwJ8vK.H5E@world.std.com>
Source record: 268465

David Horak <horak@convex.com> wrote:
> [...Inversion Descrabler...]
I've been very curious how you use them with a scanner, are they
simply put inline with a speaker or do you have to tap into the
audio at some point inside the scanner?
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

2640. Re: Summary of Modifiable Scanners Needed

Newsgroup: rec.radio.scanner
Date: 1994-09-22 13:29:53 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.472.000D7FEE@ccm.hf.intel.com>
Source record: 268326

In article <35qbpe$9nn@panix3.panix.com> schuster@panix.com (Michael Schuster) writes:

>In article <35pu0a$s6g@nic-nac.csu.net>,
>Eric B. <browere@einstein.cs.ucdavis.edu> wrote:
>>Would somebody please post a list of readily availbale scanners
>>showing which models can and cannot be modified, and by what means
>>modifiable? This would help very much.
>>
>>Also, a concise description of which serial numbers indicate an
>>un-modifiable scanner would be very appreciated.

>ANY scanner can be modified, as long as it doesn't come in a welded steel
>case.

With a sledge-hammer you could still modify it into a Frisbee.

Eric, I think you need to narrow down your question if you want to get a reply. There is just too much information. Although, in the USA there are almost no scanners that can still be modified for cellular. Maybe a Pro-2006 if you can find one. Start browsing FTP sites with radio mods to get an idea of what can be done.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

2641. Re: Another anteana question

Newsgroup: rec.radio.scanner
Date: 1994-09-22 13:36:24 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.473.000D9BBB@ccm.hf.intel.com>
Source record: 268452

In article <35q2nf$hh1@herald.indirect.com> dooman@indirect.com (Randy DeForest) writes:

>What effect (if any) would a 3db gain anteana have on a pro-51?

>The anteana is manufactured by Maxrod Inc. model number MFB-9153.

The effect of 3db is doubling the power of the signal you receive. Keep in mind that if the 3db is gained by the use of a tuned antenna, the gain will be over a narrow range of frequencies and not the entire band. A 3db broadband amp would give you gain accross the band.

With some HH scanners, more gain will only overload the scanner (they are designed to be used for the Duck antennas). THe the antenna you are referring to is a duck-type you will probably be ok.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

2642. Mods for Pro 2025

Newsgroup: rec.radio.scanner
Date: 1994-09-22 13:41:59 UTC
From: cboes@mason1.gmu.edu
Message-ID: <35s1j7$sns@portal.gmu.edu>
Source record: 268469

Are there any mods for the Pro 2025? If so please post.
Thanks

-Chris

2643. Re: Mounting two antennas on one mast.

Newsgroup: rec.radio.scanner
Date: 1994-09-22 13:54:29 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.474.000DE8EC@ccm.hf.intel.com>
Source record: 268454
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <ncschult.780202127@vela.acs.oakland.edu> ncschult@vela.acs.oakland.edu (N C Schultheiss) writes:

>A freind of mine gave me a discone antenna he wasen't using I want to
>mount it under my other antenna on the same mast.My "other"antenna is a
>n all band base station(whip w/coil and choke assembly,with four radials
>on the bottom).Will my mounting the discone under the all band effect
>either?
>Thanks in advance,NCS

If they are mounted directly under eachother, most likely they will not interfere at all. But, if you have a metal mast running along the side the discone, it will alter its tx/rx pattern.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

2644. Re: The bug bit me

Newsgroup: rec.radio.scanner
Date: 1994-09-22 14:05:41 UTC
From: peter@3com.com
Message-ID: <3118@bridge2.NSD.3Com.COM>
Source record: 268443

In article 8es@thecourier.cims.nyu.edu, jackson@longlast.cs.nyu.edu (Steven Jackson) writes:
>
>|> About the shuttle.
>|>
>|> The only time you can hear the shuttle crew is during EVA's and even then
>|> only when they are over head. It is a big planet.
>
>Sorry aol'er, not true. Ham Radio stations rebroadcast
>shuttle transmissions all over the country all the time. Scan
>144.1 to 148MHz and 420-450MHz. Hopefully someone is rebroadcasting
>them near you. I hear them on 146.610 in NYC and 443.400 in
>Central New Jersey.

You're both right. I think the original poster was referring to *direct*
reception of shuttle comms, rather than GARC's excellent rebroadcast of
the NASA feed (which includes news tidbits and is a NASA-controlled
version of the ground-to-air voice link).

The technical details of the ground-to-orbit link have been discussed
here before.

Peter Simpson, KA1AXY Peter_Simpson@3com.com
3Com Corporation (508) 836-1719 voice
Northborough, MA 01532 (508) 393-6934 fax

I speak only for myself, 3Com doesn't pay me to speak for them, so I don't.

2645. Re: Inversion Encryption

Newsgroup: rec.radio.scanner
Date: 1994-09-22 14:38:52 UTC
From: horak@convex.com
Message-ID: <35s4ts$o3f@eugene.convex.com>
Source record: 268466

In <CwJ8vK.H5E@world.std.com> mtiernan@world.std.com (Michael C Tiernan) writes:

>David Horak <horak@convex.com> wrote:
> > [...Inversion Descrabler...]
> I've been very curious how you use them with a scanner, are they
> simply put inline with a speaker or do you have to tap into the
> audio at some point inside the scanner?

It's easy. Just plug it into the audio output jack of your scanner and
then plug the output of the SS-70 into a speaker of better yet, some sort
of audio amp.

David

2646. Pro-42 Mods

Newsgroup: rec.radio.scanner
Date: 1994-09-22 15:54:56 UTC
From: an144@freenet.buffalo.edu
Message-ID: <CwJG7K.L9F@freenet.buffalo.edu>
Source record: 268445

Anybody out there have any mods for the Pro-42??

2647. Re: Scrambling Cordless Signal.

Newsgroup: rec.radio.scanner
Date: 1994-09-22 16:20:05 UTC
From: scan911@aol.com
Message-ID: <35sarl$534@newsbf01.news.aol.com>
Source record: 268446

In article <35o9sk$oo1@fido.asd.sgi.com>, abe@rabbit.corp.sgi.com (Abe Collins) writes:

>Does anyone know where to buy this Motorola cordless? I haven't
>seen them in the stores yet.

The speech inversion scrambling Motorola cordless phone is in most Sears stores. I bought mine there more than a year ago.

Chuck
scan911@aol.com

2648. Re: Media and Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-09-22 16:24:04 UTC
From: scan911@aol.com
Message-ID: <35sb34$553@newsbf01.news.aol.com>
Source record: 268447

In article <lrkCwHuF7.Gt7@netcom.com>, lrk@netcom.com (Lyn R. Kennedy) writes:

>Did they make any transmissions that caused you to believe that a real >emergency existed? Did you report that law violation to the FCC? Did you >report it in your paper?

Sometimes, it is best to just let things drop -- especially if you have to deal with them on a day in and day out basis, several times a day. They knew we found them. They had one on us. We were even.

Chuck
scan911@aol.com

2649. Re: PRO-2006 30k steps

Newsgroup: rec.radio.scanner
Date: 1994-09-22 16:31:07 UTC
From: shawn4sk1@aol.com
Message-ID: <35sbgb$5b0@newsbf01.news.aol.com>
Source record: 268448

No, Cellular phones are allocated at 30k steps only (I.E.- 869.400, 870.030, 870.660, 871.290, etc,etc). You may hear things in-between but it's not the true freq you're hearing.

soliver@ozarks.sgcl.lib.mo.us

2650. Frequencies for BC areas

Newsgroup: rec.radio.scanner
Date: 1994-09-22 16:34:00 UTC
From: jason@cpubbs.cuug.ab.ca
Message-ID: <0ad8_84908da0@cpubbs.cuug.ab.ca>
Source record: 268366

Hi there! Does anyone have fire/police/medical frequencies for Sparwood, British Columbia and/or Fernie, BC? I will be spending all of next week in lovely downtown Coleman, AB, and figured I'd see if I could hear those towns from where I was going to be.

[As well, if anyone has anything for Longview, Lundbeck, or Burmis, all in Alberta, feel free to send them too, please. :)]

jason low jason@cpubbs.cuug.ab.ca derran@sdf3.cpubbs.cuug.ab.ca
REMR - Pump-A - Parts 1 & 2 - Driver - V-X Tech - Trench Tech - General Peon

2651. Re: PRO-2006 30k steps

Newsgroup: rec.radio.scanner
Date: 1994-09-22 16:53:04 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <35scpg$1q6@umcc.umcc.umich.edu>
Source record: 268449

30 Khz steps are exactly what you need for cellular. The correct rate is
30Khz, 5 would just make it harder to search.....Les

2652. Re: Carter's Haiti negotiations intercepted via scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-22 16:53:49 UTC
From: rfhamilton@VNET.IBM.COM
Message-ID: <19940922.101234.561@almaden.ibm.com>
Source record: 268450

In <35q704$f8i@ixnews1.ix.netcom.com> Jerry Ennis writes:
>In <CwGCMC.MzL@icon.rose.hp.com> greg@core.rose.hp.com (Greg Dolkas) writes:
>>
>>I strongly doubt it had anything to do with Ham Radio. Hams aren't involved
>>in that sort of communication. Check out rec.radio.shortwave - it appears
>>that several shortwave listeners heard the same conversation on some sort of
>>HF (shortwave) phone channel.

I heard some of these conversations on the night in question. It was via
shortwave on the Air Forces GHFS (Global High Frequency Service). Its
purpose is to provide reliable communications between ground and aircraft
There are many, many frequenices in use, worldwide, for this purpose.
Some observetions of mine.......
1) These conversations should not have been made on an unsecured comm-
unications network.
2) It was exteremly irresponsible to have reported it to CNN.
3) It was even more irresponsible for CNN to use this information as they
did.
First we had the press with their scanners, etc. repeating everything
they heard about the OJ chase. Now CNN with the Haiti conversations.
Obviously if it is "news", laws don't matter.
Doesn't CNN have an internet ID ? If so, please post it I like to tell
them what I think and I'd hope others would do the same. I guess the
words responsible and journalism are mutually exclusive to CNN.
==
Bob Hamilton | Remember..The light that you see at the end
(rfhamilton@vnet.ibm.com) | of the tunnel just might be a train !
==

2653. Wanted: AOR AR1000XLT Opinions

Newsgroup: rec.radio.scanner
Date: 1994-09-22 17:07:20 UTC
From: karianaa@sce.com
Message-ID: <karianaa.3.00111FCC@sce.com>
Source record: 268464

I just ordered the above non-cellular blocked scanner, and was wondering what people's opinion was of this purchase. Can you get a better scanner for $400?

2654. e&#65533;CQ>Message-ID: <35k4g0$51l@expert.cc.purdue.edu>&#65533;CQ>Newsg

Newsgroup: rec.radio.scanner
Date: 1994-09-22 17:45:00 UTC
From: : n9mtb@expert.cc.purdue.edu&#65533;CQ;
Message-ID: <1f1.4615.3415@the-boss.com>
Source record: 268282

ps: misc.forsale,rec.radio.scanner
CQ>Organization: Who ya gonna call? CloneBusters!

CQ>For Sale: Bearcat BC200 Hand-Held Scanner

I wish to offer you $160.00.
dominic.post@the-boss.com
F309.n2604.z1.fidonet.org

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

2655. pro-43 forsale

Newsgroup: rec.radio.scanner
Date: 1994-09-22 17:47:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.4616.3415@the-boss.com>
Source record: 268281

```
JO>Message-ID: <35k9dp$a2n@news.bu.edu>
JO>Newsgroups: rec.radio.scanner
JO>Organization: Boston University, Boston, MA, USA
How much...$$$
dominic.post@the-boss.com
F309.n2604.z1.fidonet.org

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

+-----------------------------------------------------------------------------+
Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com
___ __ _ __ __ __ _ _ __
| |__| |_ |_) | | |__ |__ |_) |_) |__
| | | |__ |_) |__| __| __| |_) |_) __|
+-----------------------------------------------------------------------------+
```

2656. Re: PRO-2006 30k steps

Newsgroup: rec.radio.scanner
Date: 1994-09-22 18:08:03 UTC
From: horak@convex.com
Message-ID: <35sh63$4fr@eugene.convex.com>
Source record: 268451

In <35scpg$1q6@umcc.umcc.umich.edu> lbutler@umcc.umcc.umich.edu (Les Butler) writes:

>30 Khz steps are exactly what you need for cellular. The correct rate is
>30Khz, 5 would just make it harder to search.....Les

Of course if you have a Yupiteru MVT7100, you have to search at 10 Khz steps and the Yupi stops 10 KHz short of the actual frequency a lot, causing me to hit the arrow key to get it right on frequency. This probably wouldn't happen if it had a narrower selectivity. Also, scanning at 5 or 10 KHz steps just slows down the number of cell channels you can catch per second. Some scanners default to 12.5 steps only allowing the user to directly lock on one out of every five cell channels; however, selectivity being as poor as it usually is, most channels are still heard rather well, even several KHz off freq.

David

2657. Pro-43 speaker replacement

Newsgroup: rec.radio.scanner
Date: 1994-09-22 18:22:43 UTC
From: beldar@eskimo.com
Message-ID: <CwJn0M.40q@eskimo.com>
Source record: 268327

Has anyone put that optional 500 mW speaker in their Pro-43 or Pro-39
yet? If so how does it compare to the stock speaker?

2658. Icom R-7100 PIN diode mods?

Newsgroup: rec.radio.scanner
Date: 1994-09-22 18:31:14 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <35sihi$2c2b@yuma.ACNS.ColoState.EDU>
Source record: 268473
Cross-posted to: rec.radio.scanner,rec.radio.equipment,rec.radio.homebrew

I've purchased a 7100 and I've heard about changing the PIN switching diodes for better performance.

Questions:
Which diodes do I replace with what, and where do I get the wonderful, new diodes?

Is it really worth the trouble to replace 'em?

I'm planning to use the radio for VHF/UHF weak signal with outboard, band-specific preamps (when I'm not eavesdropping on the cops).

I can probably figure out the which in the first Q, it's the what & where I'm really interested in. As for the worth, I'm interested in any/all opinions.

I love that little box,
Galen, KF0YJ

2659. Re: Re:scanner Output Thru Ca

Newsgroup: rec.radio.scanner
Date: 1994-09-22 18:41:29 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Sep22.104129.4586@cmkrnl>
Source record: 268458

In article <249.138.352.0ND9E821@exnavy.esnet.com>, darwin.teague@exnavy.esnet.com (Darwin Teague) writes:
> MJ>Organization: Hewlett Packard, Cupertino
>
> MJ>Would it be feasible to use one of those headphone out-to-cassette adapters
> MJ>used by people with portable CD players? My thought is to put it in-line
> MJ>with a stereo to mono jack first.
>
> I got one from Radio Shack and it works perfectly. for some odd reason,
> it works on both channels WITHOUT the stereo to mono adapter.
> --- JCQWK

You may not have it tuned well enough to trip the car radio (or whatever)
into stereo.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

2660. PRO-51 Images?

Newsgroup: rec.radio.scanner
Date: 1994-09-22 18:42:10 UTC
From: jsaul@np.atinc.com
Message-ID: <199409221842.NAA02884@mail.cs.utexas.edu>
Source record: 268472

On my PRO-51 I consistantly receive strong images of the cell band in the 900-915 MHZ range(so I'm not monitoring any illegal freqs.). I often check for other images of freqs I know, but have yet to find any others. Is there a reason that the cell freqs. are more apt to produce images, and does anyone know of any other freqs that produce images on the 51.

Thanks in Advance Jim

##
Jim Saul Internet: jsaul@jots1.np.atinc.com
Analysis & Technology, Inc. jsaul@cc.atinc.com
One Corporate Place Phone: (401) 849-5952 x3305
Middletown, R.I. 02842 Fax: (401) 847-6660
##

2661. Re: New Pro-series

Newsgroup: rec.radio.scanner
Date: 1994-09-22 18:44:34 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Sep22.104434.4587@cmkrnl>
Source record: 268459
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <davion28CwFx1L.EEq@netcom.com>, davion28@netcom.com (donell duckett) writes:
> Has anyone seen the new Pro-series scanners that are in the catalog. I
> went to radio shack and saw what look like a bearcat but was a Radio
> shack scanner. I asked the salesmen and he showed me a new 1000 channel
> scanner. He said that you can hook it up to you cable what ever that
> means. Does anyone know what he meant?

It means that he doesn't know what he's talking about.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

2662. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-22 19:12:24 UTC
From: beldar@eskimo.com
Message-ID: <CwJpBn.5Mq@eskimo.com>
Source record: 268453

In article <Cw8937.7zG@spacecom.com>, Al Stem <al@spacecom.com> wrote:
>
>Sky Radio is Ku band spread spectrum. Good luck
>
>
>
>> In article <34lkto$7v7@gdwest.gd.com> dfmayes@gdwest.gd.com (David F Mayes)
>writes:
>>
>> >In article <34iqcn$ft2@gdwest.gd.com>,
>> >David F Mayes <dfmayes@gdwest.gd.com> wrote:
>> >>knows the frequencies for the "Airfone" or "SkyRadio" services.
>> > ^^^^^^^^
>>
>> >Hmmm, so far nobody knows the frequency for "SkyRadio"...
>> >SkyRadio has live news, sports, talk, etc. I heard Monday Night
>> >Football on it during my flight.
>>
>> SkyRadio comes direct from satellite to the planes.
>>
>>
>> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
>> Intel Corp.
>> American Fork, UT
>

Date: Mon, 23 Mar 1992 01:03:58 -0600
From: TELECOM Moderator <telecom@delta.eecs.nwu.edu>
To: telecom@delta.eecs.nwu.edu
Subject: Air Fone Frequencies

This is a special mailing of an article too large for the regular
Digest.

From: Leroy.Donnelly@ivgate.omahug.org (Leroy Donnelly)
Subject: Air Fone Frequencies
Reply-To: leroy.donnelly%drbbs@ivgate.omahug.org
Organization: DRBBS Technical BBS, Omaha

A subject had been brought up on what the frequencies are used for
in-flight air-to-ground. The following should clear up the questions.

The FCC has issued rules on allocation of the 849-851/894-895 MHz
bands for air-ground radiotelephone service.

The new action, effective September 9, 1991:

1) changes channel spacing from GTE Airfone Inc.'s de facto standards;

2) orders GTE to make its service available to other air-ground licensees at non-discriminatory rates;

3) divides each channel block into 6 control channels (P-1 through P-6) and 29 communications channels (C-1 through C-29);

4) provides for a communications channel bandwidth of 6 kHz;

5) gives GTE 22 months to modify its current control channel scheme; during this period, GTE can use the lower 20 kHz of each channel block, which includes channels C-1, C-2, and C-3, for control. GTE then has another 38 months during which it can only use a 3.2 kHz control channel in channel C-2 of each channel block. After these transition periods end (September of 1996), GTE must switch to control channels marked P-1 through P-6 in the tables below;

6) empowers the FCC to assign exclusively one control channel to each air-ground licensee;

7) limits the ERP of airborne stations to 30 watts; maximum, and that of ground stations to 100 watts maximum;

8) limits the ERP of ground stations to 1 watt when communicating with aircraft on the ground.

GROUND TO AIR CHANNELS

(NOTE" "GB" in these listings denotes Guard Band, a series of 3 kHz spacings to separate communications channels from control channels)

CH. # CHANNEL BLOCK

10 9 8 7 6
C-1 849.0055 849.2055 849.4055 849.6055 849.8055
C-2 849.0115 849.2115 849.4115 849.6115 849.8115
C-3 849.0175 849.2175 849.4175 849.6175 849.8175
C-4 849.0235 849.2235 849.4235 849.6235 849.8235
C-5 849.0295 849.2295 849.4295 849.6295 849.8295
C-6 849.0355 849.2355 849.4355 849.6355 849.8355
C-7 849.0415 849.2415 849.4415 849.6415 849.8415
C-8 849.0475 849.2475 849.4475 849.6475 849.8475
C-9 849.0535 849.2535 849.4535 849.6535 849.8535
C-10 849.0595 849.2595 849.4595 849.6595 849.8595
C-11 849.0655 849.2655 849.4655 849.6655 849.8655
C-12 849.0715 849.2715 849.4715 849.6715 849.8715

C-13 849.0775 849.2775 849.4775 849.6775 849.8775
C-14 849.0835 849.2835 849.4835 849.6835 849.8835
C-15 849.0895 849.2895 849.4895 849.6895 849.8895
C-16 849.0955 849.2855 849.4955 849.6955 849.8955
C-17 849.1015 849.3015 849.5015 849.7015 849.9015
C-18 849.1075 849.3075 849.5075 849.7075 849.9075
C-19 849.1135 849.3135 849.5135 849.7135 849.9135
C-20 849.1195 849.3195 849.5195 849.7195 849.9195
C-21 849.1255 849.3255 849.5255 849.7255 849.9255
C-22 849.1315 849.3315 849.5315 849.7315 849.9315
C-23 849.1375 849.3375 849.5375 849.7375 849.9375
C-24 849.1435 849.3435 849.5435 849.7435 849.9435
C-25 849.1495 849.3495 849.5495 849.7495 849.9495
C-26 849.1555 849.3555 849.5555 849.7555 849.9555
C-27 849.1615 849.3615 849.5615 849.7615 849.9615
C-28 849.1675 849.3675 849.5675 849.7675 849.9675
C-29 849.1735 849.3735 849.5735 849.7735 849.9735
GB 849.1765 849.3765 849.5765 849.7765 849.9765
to to to to to
849.1797 849.3797 849.5797 849.7797 849.9797
P-6 849.1813 849.3813 849.5813 849.7813 849.9813
P-5 849.1845 849.3845 849.5845 849.7845 849.9845
P-4 849.1877 849.3877 849.5877 849.7877 849.9877
P-3 849.1909 849.3909 849.5909 849.7909 849.9909
P-2 849.1941 849.3941 849.5941 849.7941 849.9941
P-1 849.1973 849.3973 849.5973 849.7973 849.9973

5 4 3 2 1
C-1 850.0055 850.2055 850.4055 850.6055 850.8055
C-2 850.0115 850.2115 850.4115 850.6115 850.8115
C-3 850.0175 850.2175 850.4175 850.6175 850.8175
C-4 850.0235 850.2235 850.4235 850.6235 850.8235
C-5 850.0295 850.2295 850.4295 850.6295 850.8295
C-6 850.0355 850.2355 850.4355 850.6355 850.8355
C-7 850.0415 850.2415 850.4415 850.6415 850.8415
C-8 850.0475 850.2475 850.4475 850.6475 850.8475
C-9 850.0535 850.2535 850.4535 850.6535 850.8535
C-10 850.0595 850.2595 850.4595 850.6595 850.8595
C-11 850.0655 850.2655 850.4655 850.6655 850.8655
C-12 850.0715 850.2715 850.4715 850.6715 850.8715
C-13 850.0775 850.2775 850.4775 850.6775 850.8775
C-14 850.0835 850.2835 850.4835 850.6835 850.8835
C-15 850.0895 850.2895 850.4895 850.6895 850.8895
C-16 850.0955 850.2855 850.4955 850.6955 850.8955
C-17 850.1015 850.3015 850.5015 850.7015 850.9015
C-18 850.1075 850.3075 850.5075 850.7075 850.9075
C-19 850.1135 850.3135 850.5135 850.7135 850.9135
C-20 850.1195 850.3195 850.5195 850.7195 850.9195
C-21 850.1255 850.3255 850.5255 850.7255 850.9255
C-22 850.1315 850.3315 850.5315 850.7315 850.9315

C-23 850.1375 850.3375 850.5375 850.7375 850.9375
C-24 850.1435 850.3435 850.5435 850.7435 850.9435
C-25 850.1495 850.3495 850.5495 850.7495 850.9495
C-26 850.1555 850.3555 850.5555 850.7555 850.9555
C-27 850.1615 850.3615 850.5615 850.7615 850.9615
C-28 850.1675 850.3675 850.5675 850.7675 850.9675
C-29 850.1735 850.3735 850.5735 850.7735 850.9735
GB 850.1765 850.3765 850.5765 850.7765 850.9765
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850.1797 850.3797 850.5797 850.7797 850.9797
P-6 850.1813 850.3813 850.5813 850.7813 850.9813
P-5 850.1845 850.3845 850.5845 850.7845 850.9845
P-4 850.1877 850.3877 850.5877 850.7877 850.9877
P-3 850.1909 850.3909 850.5909 850.7909 850.9909
P-2 850.1941 850.3941 850.5941 850.7941 850.9941
P-1 850.1973 850.3973 850.5973 850.7973 850.9973

AIR TO GROUND CHANNELS

CH. # CHANNEL BLOCK
10 9 8 7 6
C-1 894.0055 894.2055 894.4055 894.6055 894.8055
C-2 894.0115 894.2115 894.4115 894.6115 894.8115
C-3 894.0175 894.2175 894.4175 894.6175 894.8175
C-4 894.0235 894.2235 894.4235 894.6235 894.8235
C-5 894.0295 894.2295 894.4295 894.6295 894.8295
C-6 894.0355 894.2355 894.4355 894.6355 894.8355
C-7 894.0415 894.2415 894.4415 894.6415 894.8415
C-8 894.0475 894.2475 894.4475 894.6475 894.8475
C-9 894.0535 894.2535 894.4535 894.6535 894.8535
C-10 894.0595 894.2595 894.4595 894.6595 894.8595
C-11 894.0655 894.2655 894.4655 894.6655 894.8655
C-12 894.0715 894.2715 894.4715 894.6715 894.8715
C-13 894.0775 894.2775 894.4775 894.6775 894.8775
C-14 894.0835 894.2835 894.4835 894.6835 894.8835
C-15 894.0895 894.2895 894.4895 894.6895 894.8895
C-16 894.0955 894.2855 894.4955 894.6955 894.8955
C-17 894.1015 894.3015 894.5015 894.7015 894.9015
C-18 894.1075 894.3075 894.5075 894.7075 894.9075
C-19 894.1135 894.3135 894.5135 894.7135 894.9135
C-20 894.1195 894.3195 894.5195 894.7195 894.9195
C-21 894.1255 894.3255 894.5255 894.7255 894.9255
C-22 894.1315 894.3315 894.5315 894.7315 894.9315
C-23 894.1375 894.3375 894.5375 894.7375 894.9375
C-24 894.1435 894.3435 894.5435 894.7435 894.9435
C-25 894.1495 894.3495 894.5495 894.7495 894.9495
C-26 894.1555 894.3555 894.5555 894.7555 894.9555
C-27 894.1615 894.3615 894.5615 894.7615 894.9615
C-28 894.1675 894.3675 894.5675 894.7675 894.9675
C-29 894.1735 894.3735 894.5735 894.7735 894.9735
GB 894.1765 894.3765 894.5765 894.7765 894.9765

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894.1797 894.3797 894.5797 894.7797 894.9797
P-6 894.1813 894.3813 894.5813 894.7813 894.9813
P-5 894.1845 894.3845 894.5845 894.7845 894.9845
P-4 894.1877 894.3877 894.5877 894.7877 894.9877
P-3 894.1909 894.3909 894.5909 894.7909 894.9909
P-2 894.1941 894.3941 894.5941 894.7941 894.9941
P-1 894.1973 894.3973 894.5973 894.7973 894.9973

5 4 3 2 1
C-1 895.0055 895.2055 895.4055 895.6055 895.8055
C-2 895.0115 895.2115 895.4115 895.6115 895.8115
C-3 895.0175 895.2175 895.4175 895.6175 895.8175
C-4 895.0235 895.2235 895.4235 895.6235 895.8235
C-5 895.0295 895.2295 895.4295 895.6295 895.8295
C-6 895.0355 895.2355 895.4355 895.6355 895.8355
C-7 895.0415 895.2415 895.4415 895.6415 895.8415
C-8 895.0475 895.2475 895.4475 895.6475 895.8475
C-9 895.0535 895.2535 895.4535 895.6535 895.8535
C-10 895.0595 895.2595 895.4595 895.6595 895.8595
C-11 895.0655 895.2655 895.4655 895.6655 895.8655
C-12 895.0715 895.2715 895.4715 895.6715 895.8715
C-13 895.0775 895.2775 895.4775 895.6775 895.8775
C-14 895.0835 895.2835 895.4835 895.6835 895.8835
C-15 895.0895 895.2895 895.4895 895.6895 895.8895
C-16 895.0955 895.2855 895.4955 895.6955 895.8955
C-17 895.1015 895.3015 895.5015 895.7015 895.9015
C-18 895.1075 895.3075 895.5075 895.7075 895.9075
C-19 895.1135 895.3135 895.5135 895.7135 895.9135
C-20 895.1195 895.3195 895.5195 895.7195 895.9195
C-21 895.1255 895.3255 895.5255 895.7255 895.9255
C-22 895.1315 895.3315 895.5315 895.7315 895.9315
C-23 895.1375 895.3375 895.5375 895.7375 895.9375
C-24 895.1435 895.3435 895.5435 895.7435 895.9435
C-25 895.1495 895.3495 895.5495 895.7495 895.9495
C-26 895.1555 895.3555 895.5555 895.7555 895.9555
C-27 895.1615 895.3615 895.5615 895.7615 895.9615
C-28 895.1675 895.3675 895.5675 895.7675 895.9675
C-29 895.1735 895.3735 895.5735 895.7735 895.9735
GB 895.1765 895.3765 895.5765 895.7765 895.9765
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P-6 895.1813 895.3813 895.5813 895.7813 895.9813
P-5 895.1845 895.3845 895.5845 895.7845 895.9845
P-4 895.1877 895.3877 895.5877 895.7877 895.9877
P-3 895.1909 895.3909 895.5909 895.7909 895.9909
P-2 895.1941 895.3941 895.5941 895.7941 895.9941
P-1 895.1973 895.3973 895.5973 895.7973 895.9973

GEOGRAPHICAL CHANNEL BLOCK LAYOUT
(ground stations using the same channel block must be at

least 300 miles apart)

LOCATION CH. BLOCK
ALASKA
Anchorage 8
Cordova 5
Ketchikan 5
Juneau 4
Sitka 7
Yakutat 8
ALABAMA
Birmingham 2
ARIZONA
Phoenix 4
Winslow 6
ARKANSAS
Pine Bluff 8
CALIFORNIA
Blythe 10
Eureka 8
Los Angeles 4
Oakland 1
S. San Fran. 6
Visalia 7
COLORADO
Colorado Spgs. 8
Denver 1
Hayden 6
FLORIDA
Miami 4
Orlando 2
Tallahassee 7
GEORGIA
Atlanta 5
St. Simons Is. 6
HAWAII
Mauna Kapu 5
IDAHO
Blackfoot 8
Caldwell 10
ILLINOIS
Chicago 3
Kewanee 5
Schiller Park 2
INDIANA
Fort Wayne 7
IOWA
Des Moines 1
KANSAS
Garden City 3

Wichita 7
KENTUCKY
Fairdale 6
LOUISIANA
Kenner 3
Shreveport 5
MASSACHUSETTS
Boston 7
MICHIGAN
Bellville 8
Flint 9
Sault S. Marie 6
MINNESOTA
Bloomington 9
MISSISSIPPI
Meridian 9
MISSOURI
Kansas City 6
St. Louis 4
Springfield 9
MONTANA
Lewistown 5
Miles City 8
Missoula 3
NEBRASKA
Grand Island 2
Ogallala 4
NEVADA
Las Vegas 1
Reno 3
Tonopah 9
Winnemucca 4
NEW MEXICO
Alamogordo 8
Albuquerque 10
Aztec 9
Clayton 5
NEW JERSEY
Woodbury 3
NEW YORK
E. Elmhurst 1
Schuyler 2
Staten Island 9
NORTH CAROLINA
Greensboro 9
Wilmington 3
NORTH DAKOTA
Dickinson 7
OHIO
Pataskala 1

OKLAHOMA
Warner 4
Woodward 9
OREGON
Albany 5
Klamath Falls 2
Pendleton 7
PENNSYLVANIA
Coraopolis 4
New Cumberland 8
SOUTH CAROLINA
Charleston 4
SOUTH DAKOTA
Aberdeen 6
Rapid City 5
TENNESSEE
Elizabethton 7
Memphis 10
Nashville 3
TEXAS
Austin 2
Bedford 1
Houston 9
Lubbock 7
Monahans 6
UTAH
Abajo Peak 7
Delta 2
Escalante 5
Green River 3
Salt Lake City 1
VIRGINIA
Arlington 6
WASHINGTON
Seattle 4
Cheney 1
WEST VIRGINIA
Charleston 2
WISCONSIN
Stevens Point 8
WYOMING
Riverton 9

--- Ybbat (DRBBS) 8.9 v. 3.13 r.5

2663. Re: Carter's Haiti negotiations intercepted via scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-22 19:35:14 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep22.143514.2943@hnrc.tufts.edu>
Source record: 268474

In article <19940922.101234.561@almaden.ibm.com>, rfhamilton@VNET.IBM.COM (Bob Hamilton) writes:
> I heard some of these conversations on the night in question. It was via
> shortwave on the Air Forces GHFS (Global High Frequency Service). Its
> purpose is to provide reliable communications between ground and aircraft
> There are many, many frequenices in use, worldwide, for this purpose.

Is there a list, or range of frequencies?
Thanks.

2664. Re: Pro-43 speaker (and pro51)

Newsgroup: rec.radio.scanner
Date: 1994-09-22 20:20:41 UTC
From: horak@convex.com
Message-ID: <35soup$7c@eugene.convex.com>
Source record: 268456

In <CwJn0M.40q@eskimo.com> beldar@eskimo.com (Dan Fellows) writes:

>Has anyone put that optional 500 mW speaker in their Pro-43 or Pro-39
>yet? If so how does it compare to the stock speaker?

My curiosity got peaked here so I looked into my pro51 and it has a
1W speaker (SP-326, 8ohms, 1W). I thought it sounded better than
most handhelds I've heard.

David

2665. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-22 20:28:25 UTC
From: horak@convex.com
Message-ID: <35spd9$6qr@eugene.convex.com>
Source record: 268457

In <CwJpBn.5Mq@eskimo.com> beldar@eskimo.com (Dan Fellows) writes:

> From: Leroy.Donnelly@ivgate.omahug.org (Leroy Donnelly)
> Subject: Air Fone Frequencies
> Reply-To: leroy.donnelly%drbbs@ivgate.omahug.org
> Organization: DRBBS Technical BBS, Omaha

>The FCC has issued rules on allocation of the 849-851/894-895 MHz
>bands for air-ground radiotelephone service. ^^^^^^^

This should be 894-896.

David

2666. looking for new york area air port frequs

Newsgroup: rec.radio.scanner
Date: 1994-09-22 20:40:45 UTC
From: lepp225@news.delphi.com
Message-ID: <35sq4d$ho7@news.delphi.com>
Source record: 268330

I;m looking for any frequency that has to do this the local 4 air ports
they are westchester county airport,jfk, laG. and nework nj.
If you can post then here it would help me out alot .Thanks again

---
---
lepp225@delphi.com

---
y

2667. Re: Re:scanner Output Thru Ca

Newsgroup: rec.radio.scanner
Date: 1994-09-22 20:44:10 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <35sqaq$g5g@thecourier.cims.nyu.edu>
Source record: 268463

In article <249.138.352.0ND9E821@exnavy.esnet.com>, darwin.teague@exnavy.esnet.com (Darwin Teague) writes:

|> I got one from Radio Shack and it works perfectly. for some odd reason,
|> it works on both channels WITHOUT the stereo to mono adapter.
|> --- JCQWK

What scanner do you have? My RS portable CB radio has a
binaural jack, and I haven't been able to find the same on
a scanner yet. I had to snip off the end of my cassette
adapter, buy one of those you-build-it connectors, and
solder the wires to it.
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012
+----IMPORTANT:-----+
<-----------These 2 DEAD after 9/23/94--------->	<-starts 9/24/94-->
Work <-- (forwarded)	
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu,	jacksons@cs.nyu.edu
+---+-------------------+

2668. Re: PRO-2006 30k steps

Newsgroup: rec.radio.scanner
Date: 1994-09-22 20:48:29 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep22.154829.2944@hnrc.tufts.edu>
Source record: 268455

In article <35sh63$4fr@eugene.convex.com>, horak@convex.com (David Horak) writes:
> In <35scpg$1q6@umcc.umcc.umich.edu> lbutler@umcc.umcc.umich.edu (Les Butler) writes:
>
>>30 Khz steps are exactly what you need for cellular. The correct rate is
>>30Khz, 5 would just make it harder to search.........Les
>
> Of course if you have a Yupiteru MVT7100, you have to search at 10 Khz
> steps and the Yupi stops 10 KHz short of the actual frequency a lot,
> causing me to hit the arrow key to get it right on frequency. This
> probably wouldn't happen if it had a narrower selectivity.

Don't know about the Yupi, but the same is true of the Standard C558A and
there's no knocking its selectivity. Turning up the squelch doesn't help for
the obvious reason. The problem occurs only on the stronger signals. Turning
up the squelch causes all but the strongest signals to be missed.

2669. Re: Need list of radio call-signs ('A'=alpha, etc.)

Newsgroup: rec.radio.scanner
Date: 1994-09-22 21:05:55 UTC
From: greg@radar.safb.af.mil
Message-ID: <1994Sep22.150556.27634@cc.usu.edu>
Source record: 268331

>Message-ID: <35qjgf$92n@nnrp.ucs.ubc.ca>
>From: dwatt@unixg.ubc.ca (David Watt)
>
> Could anyone be so kind as to post a list of the typical
>(standard?) alphabetic call-signs. I've tried tracking my local police
>channels in an effort to establish the complete list, but the process is
>giving me one giant headache. Thanx.
>
>Cheers, Dave

Well Dave, if you want the listing of the standard phonetic alphabet as
used by most police departments, here it is:

POLICE ICAO/MILITARY

A ADAM ALPHA
B BOY BRAVO
C CHARLES CHARLIE
D DAVID DELTA
E EDWARD ECHO
F FRANK FOXTROT
G GEORGE GOLF
H HENRY HOTEL
I IDA INDIA
J JOHN JULIET
K KING KILO
L LINCOLN LIMA
M MARY MIKE
N NORA NOVEMBER
O OCEAN OSCAR
P PAUL PAPA
Q QUEEN QUEBEC
R ROBERT ROMEO
S SAM SIERRA
T TOM TANGO
U UNION UNIFORM
V VICTOR VICTOR
W WILLIAM WHISKEY
X X-RAY X-RAY
Y YOUNG YANKEE
Z ZEBRA ZULU

I hope that's what you were looking for.

Greg Horine
15sms24.hqamc@mhs.safb.af.mil

2670. Re: Another anteana question

Newsgroup: rec.radio.scanner
Date: 1994-09-22 22:57:12 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.109.0010F48A@chevron.com>
Source record: 268467

In article <35q8os$87c@eugene.convex.com> horak@convex.com (David Horak) writes:

>In <35q2nf$hh1@herald.indirect.com> dooman@indirect.com (Randy DeForest) writes:
>>What effect (if any) would a 3db gain anteana have on a pro-51?
>>The anteana is manufactured by Maxrod Inc. model number MFB-9153.

>I'm not sure what antenna this is but the basic result of putting an
>antenna of more gain on the pro51 will be more stations, more images
>(from more stations) and more intermod from already strong signals.

>David

Adding gain will NOT necessarily increase interference or images. Gain on omnidirectional antennas is generally accomplished by lowering the angle of radiation, or "takeoff angle". If the source of interference is within the lower angle then it's apparent signal strength will increase with the antenna gain. While David's answer usually proves correct, it is not always true.

One thing you may notice after increasing gain is that antenna orientation may become more critical. But then again that will depend on where you are in relation to the stations you are listening to.

I wouldn't bother spending much money on higher gain antennas for handheld anythings. Higher gain usually means bigger. Bigger is usually more inconvenient. IMO, the tradeoff size versus gain isn't always worth it. I went back to the stock antenna on my FT470 transciever because I got tired of having the high gain antenna stick me in the armpit when the radio was on my belt.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

2671. [FORSALE] RD PRO-37 handheld

Newsgroup: rec.radio.scanner
Date: 1994-09-22 23:48:41 UTC
From: jgeorge@crl.com
Message-ID: <35t54p$a43@crl2.crl.com>
Source record: 268460
Cross-posted to: rec.radio.scanner,ga.forsale

I don't want to do it, but I gotta do it...

For Sale:

Radio Shack PRO-37 handheld radio scanner

200 memories
30-54MHz, 108-174MHz, 380-512MHz, 806-960MHz bands.

About a year and a half old. Includes scanner, manual and NiCd batteries
(use an RS Universal AC Adapter for AC input or NiCd charging)

If sold in Atlanta I'll leave it programmed with my frequencies for you to
play with.

I'd like $150+shipping for it but I'll entertain any reasonable offer. I'd
like to sell this relatively soon.

Email jgeorge@crl.com if interested.

Thanks.

--
Joe George (jgeorge@crl.com, jgeorge@nbi.com, jgeorge@twiglet.speedway.net)
"Manet or Monet, I can never be right, about Impressionist painters who color
with light. They all seem to blend into contrast and hue, But I've seen them
before; Is that Degas Vu?" -Frank Romano, probably quoting someone else.

2672. Re: Carter's Haiti negotiations intercepted via scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-22 23:49:17 UTC
From: glr@ripco.com
Message-ID: <CwK265.GnJ@rci.ripco.com>
Source record: 268462

Greg Dolkas (greg@core.rose.hp.com) wrote:
: Tim Bohr (tbohr1@ed8751.pto.ford.com) wrote:
: : My thoughts: Either the conversation was picked up on a scanner in the
: : cellular range (I bet it was Glen Roberts!) or there must
Nice of you to accuse me of intercepting cellular... when that seems to
be what the rest of you talk about...

Show me a posting where I talk about intercepting cellular? (Remember, the
Harris stuff is about THEM making interception equipment).

: : have been an extra link or two (Carter to translator via
: : cell phone, translator to Haiti generals via ham radio, etc.

: I strongly doubt it had anything to do with Ham Radio. Hams aren't involved
: in that sort of communication. Check out rec.radio.shortwave - it appears
: that several shortwave listeners heard the same conversation on some sort of
: HF (shortwave) phone channel.

: Greg.

--

Glen L. Roberts, Editor, Full Disclosure Magazine
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for information on The Best of Full Disclosure,
four volumes to blow your mind. Voice/Fax on demand: (708) 356-9646
email for uuencoded .TIF of T-Shirt Honoring the FBI

2673. BC100 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-09-23 00:33:08 UTC
From: paull@spy.org
Message-ID: <35t7o4$r3g@tierra.santafe.ede>
Source record: 268334

Are there any mods for BC100? 800MZ maybe?

2674. AR 8000 questions

Newsgroup: rec.radio.scanner
Date: 1994-09-23 00:33:33 UTC
From: Marcus Boehm <h9001648@obelix.wu-wien.ac.at>
Message-ID: <35t7ot$gk8@osiris.wu-wien.ac.at>
Source record: 268468

Re: AR 8000, can anybody help me with the following?:

+) Is it possible to use the scanner while charging the batteries (i.e while it's plugged into the wall outlet)? The manual isn't very specific about this.
+) I've heard rumours about some bugs in an earlier version of the AR8000. Although I haven't had any problems yet, I'm curious if I already got a patched version (my serial# is 011458 220).
+) My AR8000 seems to be quite deaf when using the out-of-the-box rubber whip. What's the recommended way to improve reception?
+) Is there any PC/Mac software available yet?

Overall I'm very impressed with its features.

TIA,
Marc

2675. Re: PRO-51 Images?

Newsgroup: rec.radio.scanner
Date: 1994-09-23 00:43:42 UTC
From: g9153402@huey.csun.edu
Message-ID: <35t8bu$as9@nic-nac.CSU.net>
Source record: 268470

Jim Saul (jsaul@np.atinc.com) wrote:
> On my PRO-51 I consistantly receive strong images of the cell band in the
> 900-915 MHZ range(so I'm not monitoring any illegal freqs.). I often check
> for other images of freqs I know, but have yet to find any others. Is
> there a reason that the cell freqs. are more apt to produce images, and
> does anyone know of any other freqs that produce images on the 51.

This is true with lots of scanners. Other Radio Shack models and
Uniden models also do this. But if you buy a triple-conversion scanner,
like a PRO-2006, (the PRO-51 is double-conversion) you shouldn't have
many problems with images...

2676. Re: AR 8000 questions

Newsgroup: rec.radio.scanner
Date: 1994-09-23 00:49:24 UTC
From: schuster@panix.com
Message-ID: <35t8mk$5ac@panix3.panix.com>
Source record: 268471

In article <35t7ot$gk8@osiris.wu-wien.ac.at>,
Marcus Boehm <h9001648@obelix.wu-wien.ac.at> wrote:
> Re: AR 8000, can anybody help me with the following?:
>
>+) Is it possible to use the scanner while charging the batteries
> (i.e while it's plugged into the wall outlet)? The manual isn't very
> specific about this.

You can use the scanner with the CD adaptor plugged in. But I'd suspect
the batteries will charge more slowly, if at all.

>+) I've heard rumours about some bugs in an earlier version of the
> AR8000. Although I haven't had any problems yet, I'm curious if I
> already got a patched version (my serial# is 011458 220).

Judging by the serial number I would guess that you have a specimen
from the current (third) production run. The CPU lockup bug (due to
stray voltage at a regulator) is fixed in this run. If you look at the
front PC board you will see a diode pigyback-soldered across a resistor
near the CPU. That's the patch.

>+) My AR8000 seems to be quite deaf when using the out-of-the-box
> rubber whip. What's the recommended way to improve reception?

I use the GRE duckie as a general purpose duckie. The Austin Condor is
better but very large. Or go to Radio Shack and get the center-loaded whip
which will also work for HF (the duckies do not).

>+) Is there any PC/Mac software available yet?

Not yet, but I know of some people feverishly working on this :-)

>Overall I'm very impressed with its features.

Yes, it's quite an impressive package. Certainly the best handheld AOR has
put their nameplate on.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2677. Re: looking for new york area air port frequs

Newsgroup: rec.radio.scanner
Date: 1994-09-23 01:28:12 UTC
From: rfhamilton@VNET.IBM.COM
Message-ID: <19940922.185300.115@almaden.ibm.com>
Source record: 268335

In <35sq4d$ho7@news.delphi.com> LEPP225@DELPHI.COM writes:
>I;m looking for any frequency that has to do this the local 4 air ports
>they are westchester county airport,jfk, laG. and nework nj.
>If you can post then here it would help me out alot .Thanks again

Kennedy LaGuardia
ATIS 128.725, 117.7 ATIS 127.05, 125.95
115.4, 115.1 UNICOM 122.95
UNICOM 122.95 NY APP CTL 120.8, 132.7
NY APP CTL 127.4, 134.35 128.8, 127.3
132.4, 126.8 124.95, 118.0
123.7 TOWER 118.7
Tower 119.1, 123.9 GND CTL 121.7, 121.85
GND CTL 121.9, 121.65 CLNC DEL 135.2, 132.85(copters)
CLNC DEP/ 135.05 PRE TAXI CLNC 135.2
PRE TAXI CLNC DEP CTL 120.4, 124.45
GATE HOLD 125.05 127.05
DEP CTL 135.9, 134.35
124.75, 123.7

Newark
ATIS 115.7, 134.825, 132.45
UNICOM 122.95
NY APP CTL 132.8, 128.55, 127.6, 132.7
TOWER 118.3, 134.05
GND CTL 121.8
CLNC DEL 118.85
PRE-TAXI CLNC 118.85
GATE CTL 126.15
DEP CTL 119.2

Hope this helps.
==========
Bob Hamilton | Remember..The light that you see at the end
(rfhamilton@vnet.ibm.com) | of the tunnel just might be a train !
==========

2678. Re: Cellphone Privacy

Newsgroup: rec.radio.scanner
Date: 1994-09-23 02:00:51 UTC
From: Fred.Herrmann@msfc.nasa.gov
Message-ID: <35tcsj$anr@hammer.msfc.nasa.gov>
Source record: 268336

In article <35hm00$a57@freenet3.scri.fsu.edu>, jdgan@freenet3.scri.fsu.edu (James Ganyard) says:
>
>Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) wrote:
>: -=> Quoting Bruce James Robert Linley to All <=-
>
>: BJRL> In ye olden post Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
>: BJRL> spake... > -=> Quoting Rick Raymon Loebler to All <=-
>: >
>: > RRL> Once digital becomes more popular, how long do you think it would
>: > RRL> take an enterprising Scanner manufacturer to manufacture a GSM or
>: > RRL> DAMPS capable scanner !!!!.

Considering the relative newborn status of cell phone technology, I would imagine that it will be well into the next century before encription is a standard... BTW I have tried a down convertor from Ramsey kits and have come to the conclusion that it doesnt work... Are there any inexpensive down convertors that work????

2679. Re: Inversion Encryption

Newsgroup: rec.radio.scanner
Date: 1994-09-23 02:04:35 UTC
From: Fred.Herrmann@msfc.nasa.gov
Message-ID: <35td3j$anr@hammer.msfc.nasa.gov>
Source record: 268337

In article <35o994$g4s@sagan.nps.navy.mil>, tmnichol@nps.navy.mil (Troy M. Nichols) says:
>
>Would somebody please post info on either how to build,
>or where to purchase a descrambler for voice inversion
>encryption.
>
>
> Thanx
>

Does this type of encryption involve beating the modulating sound
frequencies against a tone? If so it seems like I have seen these
at prior hamfests...

2680. Re: 890XLT Line Out Recording Flaw...

Newsgroup: rec.radio.scanner
Date: 1994-09-23 02:09:27 UTC
From: Fred.Herrmann@msfc.nasa.gov
Message-ID: <35tdcn$anr@hammer.msfc.nasa.gov>
Source record: 268338

In article <6t7WkiubGQZ0066yn@access.digex.net>, domonkos@access.digex.net (Andy Domonkos) says:
>
>I found that there is a flaw in the BC890XLT Auxillary LINE out recording
>circuit. I consistently netted empty tapes after a days unattended taping
>of the mil-aircraft band. It appeared that the recorder was remotely switched
>on but the audio, if any was not there. This weekend I started taping
>activity I came upon and everything was recorded automatically and w/out
>flaw. The difference seemed to have been the volume control was turned up
>so I could also monitor what was being taped. Normally, I turn down the
>volume for unattended monitoring. It shouldn't make a difference but
>apparently does. Since having the volume up is undesirable for late night
>taping I plugged in an earphone in the ext. speaker jack and set the volume
>at a nominal level. This time the audio was recorded perfectly.
>
>If anyone has had this experience and shrugged it off to a soundless carrier
>coming on the frequency try the above fix.
>
>Andy
>

Andy,,

I have also noticed this problem... If you turn the volume below a
certain level you get no line out.... Another even worse problem I
discovered was that the aux out did not close... I checked it out and
found that the center pin as well as the shield pin is soldered to the
board and there is no source of strain relief... Needless to say the
center pin had lifted the pad from the board.... I resoldered with
a junk resistor clipping (wire) and everything works fine now...
BTW It was delivered to me this way... Right out of the box,, brand new
and I called Bearcat and wanted to talk to a tech... but wasnt allowed.

2681. Re: Cellphone Privacy

Newsgroup: rec.radio.scanner
Date: 1994-09-23 02:14:15 UTC
From: Fred.Herrmann@msfc.nasa.gov
Message-ID: <35tdln$anr@hammer.msfc.nasa.gov>
Source record: 268339

In article <35tcsj$anr@hammer.msfc.nasa.gov>, Fred.Herrmann@msfc.nasa.gov (Fred Herrmann) says:
>
>In article <35hm00$a57@freenet3.scri.fsu.edu>, jdgan@freenet3.scri.fsu.edu (James Ganyard) says:
>>
>>Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) wrote:
>>: -=> Quoting Bruce James Robert Linley to All <=-
>>
>>: BJRL> In ye olden post Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
>>: BJRL> spake... > -=> Quoting Rick Raymon Loebler to All <=-
>>: >
>>: > RRL> Once digital becomes more popular, how long do you think it would
>>: > RRL> take an enterprising Scanner manufacturer to manufacture a GSM or
>>: > RRL> DAMPS capable scanner !!!!.
>
>Considering the relative newborn status of cell phone technology, I would
>imagine that it will be well into the next century before encription
>is a standard... BTW I have tried a down convertor from Ramsey kits
>and have come to the conclusion that it doesnt work... Are there
>any inexpensive down convertors that work????

********** Email to "Fred.Herrmann@msfc.nasa.gov" **********
If it doesn't kill you it can only make you stronger !!!
****
****

2682. Re: Inversion Encryption

Newsgroup: rec.radio.scanner
Date: 1994-09-23 02:14:36 UTC
From: Fred.Herrmann@msfc.nasa.gov
Message-ID: <35tdmc$anr@hammer.msfc.nasa.gov>
Source record: 268340

In article <35td3j$anr@hammer.msfc.nasa.gov>, Fred.Herrmann@msfc.nasa.gov (Fred Herrmann) says:
>
>In article <35o994$g4s@sagan.nps.navy.mil>, tmnichol@nps.navy.mil (Troy M. Nichols) says:
>>
>>Would somebody please post info on either how to build,
>>or where to purchase a descrambler for voice inversion
>>encryption.
>>
>>
>> Thanx
>>
>
>
>Does this type of encryption involve beating the modulating sound
>frequencies against a tone? If so it seems like I have seen these
>at prior hamfests...

********** Email to "Fred.Herrmann@msfc.nasa.gov" **********
If it doesn't kill you it can only make you stronger !!!
****
****

2683. Re: 890XLT Line Out Recording Flaw...

Newsgroup: rec.radio.scanner
Date: 1994-09-23 02:15:03 UTC
From: Fred.Herrmann@msfc.nasa.gov
Message-ID: <35tdn7$anr@hammer.msfc.nasa.gov>
Source record: 268341

In article <35tdcn$anr@hammer.msfc.nasa.gov>, Fred.Herrmann@msfc.nasa.gov (Fred Herrmann) says:
>
>In article <6t7WkiubGQZ0066yn@access.digex.net>, domonkos@access.digex.net (Andy Domonkos) says:
>>
>>I found that there is a flaw in the BC890XLT Auxillary LINE out recording
>>circuit. I consistently netted empty tapes after a days unattended taping
>>of the mil-aircraft band. It appeared that the recorder was remotely switched
>>on but the audio, if any was not there. This weekend I started taping
>>activity I came upon and everything was recorded automatically and w/out
>>flaw. The difference seemed to have been the volume control was turned up
>>so I could also monitor what was being taped. Normally, I turn down the
>>volume for unattended monitoring. It shouldn't make a difference but
>>apparently does. Since having the volume up is undesirable for late night
>>taping I plugged in an earphone in the ext. speaker jack and set the volume
>>at a nominal level. This time the audio was recorded perfectly.
>>
>>If anyone has had this experience and shrugged it off to a soundless carrier
>>coming on the frequency try the above fix.
>>
>>Andy
>>
>
>
>Andy,,
>
> I have also noticed this problem... If you turn the volume below a
>certain level you get no line out.... Another even worse problem I
>discovered was that the aux out did not close... I checked it out and
>found that the center pin as well as the shield pin is soldered to the
>board and there is no source of strain relief... Needless to say the
>center pin had lifted the pad from the board.... I resoldered with
>a junk resistor clipping (wire) and everything works fine now...
>BTW It was delivered to me this way... Right out of the box,, brand new
>and I called Bearcat and wanted to talk to a tech... but wasnt allowed.
>

********** Email to "Fred.Herrmann@msfc.nasa.gov" **********
If it doesn't kill you it can only make you stronger !!!
****
****

2684. FOR SALE: Yupiteru MVT-7100 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-23 02:26:46 UTC
From: jdwhite@iastate.edu
Message-ID: <35ted6$nbe@news.iastate.edu>
Source record: 268325
Cross-posted to: rec.radio.scanner,rec.radio.swap

Yupiteru MVT-7100 Scanner

No gaps! Full coverage from 100KHz to 1.65GHz.
All original accessories plus leather case from Javiation.
Unit is in excellent condition.

$550 + shipping/COD

--
Jason D. White Durham Center Operations Staff
jdwhite@iastate.edu Repeater Chairman, Cyclone Amateur Radio Club
Iowa State University
Ames, Iowa http://www.public.iastate.edu/~jdwhite/

2685. Re: Need list of radio call-signs ('A'=alpha, etc.)

Newsgroup: rec.radio.scanner
Date: 1994-09-23 03:18:48 UTC
From: DPalmer@ix.netcom.com
Message-ID: <35theo$1pj@ixnews1.ix.netcom.com>
Source record: 268329
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In <35qjgf$92n@nnrp.ucs.ubc.ca> dwatt@unixg.ubc.ca (David Watt) writes:

>
> Could anyone be so kind as to post a list of the typical
>(standard?) alphabetic call-signs. I've tried tracking my local police
>channels in an effort to establish the complete list, but the process is
>giving me one giant headache. Thanx.
>
>Cheers, Dave
>
>
Typical Police Phonenetics:

A Adam N Nora
B Boy O Ocean
C Charles P Paul
D David Q Queen
E Edward R Robert
F Frank S Sam
G George T Tom
H Henry U Union
I Ida V Victor
J John W William
K King X X-ray
L Lincoln Y Yellow
M Mary Z Zebra

--

____
David Palmer DPalmer@ix.netcom.com
Western Communications 4108@mgs.com

2686. Re: 46.0 Mhz Directional Ant.

Newsgroup: rec.radio.scanner
Date: 1994-09-23 03:50:28 UTC
From: ddillon@csulb.edu
Message-ID: <35tja4$rd0@garuda.csulb.edu>
Source record: 268328

Steven Barrow (steven.barrow@canrem.com) wrote:

: Would anyone have plans for a 46.0 Mhz directional antenna? I am
: trying to pinpoint the cordless phones in my neighborhood.

: ---
: * OLX 2.1 TD * Internet: steven.barrow@canrem.com Fido: 1:229/15
Well, as a suggestion that i haven't seen before. What would
work flawlessly for you would be to takea commercial six meter antenna
and tune it as close to 46 MHz as you could. Cushcraft sells a 6 element
with 11.6 dBd of gain!!!! That is 11.6 dB of gain over that that a full
length dipole would offer. Front to back ratio on that particular
antenna is 26 dB.... that would easily allow you not only figure out
direction of a signal, but pick up signals at a much greater distance and
with better clarity. This antenna is designed to pick up 50 to 54 MHz,
but i assume that (not that it would be necessary) could be retuned to
precicely the nearby band you wanted.

Dan , KD6FPX

2687. Re: BC2500XLT vs Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-09-23 03:52:53 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <780352201@f747.n115.z1.ftn>
Source record: 268299

-=> Quoting Carl Steckler to All <=-

CS> jerry, I don't know what area you are in but I have placed my 2500
CS> next to my 2006 on the same antenna (splitter) and the 2006 sits
CS> quietly by scanning all the while my 2500 is picking up traffic. The
CS> 2500 even picks up the city PD portables, the 2006 has trouble picking
CS> up mobile units. Antenna is RS discone with VHF element added.
CS> I have also been trackside (railroad) with others who own Pro 43's and
CS> my 2500 beats them also. Not as convincing as using the same antenna,
CS> but...
CS> yes it does have problems in high rf areas but when you can't hear the
CS> transmission it dosen't matter how selective your scanner is. You must
CS> get the signal first in order to listen to it.
CS>
CS> All of this dosen't even take some of the other features of the 2500
CS> in to account. Don't be too hard on the 2500, it is a good radio, and
CS> what scanner out there couldn't use some improvement.

Hi, Carl...
I do have a love/hate relationship with the 2500. I like the SEARCH speed. Works great when I want to find a freq in a hurry. Auto Search and store is great. 'Course, it takes 10 minutes to lockout all of the birdies during the search.

I am in the 'burbs of Chicago. Most of the time, I am fighting with the one of the dispatch towers 5 miles away. In the 800 Mhz range, there is some MDT freq that bleeds into what I'm trying to listen to or worse yet, locks up the scanner. I never had any of these problems with a '34 that I sold a year ago. It's frustrating, but gets the job done. Unfortuanately, this scanner needs more improvements than most.

Good signals to you...Jerry

2688. Looking for mods for 8500?

Newsgroup: rec.radio.scanner
Date: 1994-09-23 04:03:29 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <780352202@f747.n115.z1.ftn>
Source record: 268296

-=> Quoting Russell Gore to All <=-

RG> I am looking for mods for the bearcat 8500 scanner, can anyone help?

Hi, Russell...(Any relation to Al, our Vice President?)

No mods can be done on your 8500. This is the first Uniden unit that complies with the new law. Seems that Uniden had a lot of problems with birdies with the original chip and re-designed the chip. They decided to deal with the cellular band in the process.

If this isn't the mod you were looking for, what were you looking for?

Jerry

2689. New Pro-series

Newsgroup: rec.radio.scanner
Date: 1994-09-23 04:08:49 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <780352203@f747.n115.z1.ftn>
Source record: 268298

-=> Quoting donell duckett to All <=-

dd> Has anyone seen the new Pro-series scanners that are in the catalog. I
dd> went to radio shack and saw what look like a bearcat but was a Radio
dd> shack scanner. I asked the salesmen and he showed me a new 1000
dd> channel scanner. He said that you can hook it up to you cable what
dd> ever that means. Does anyone know what he meant?

Hi, Donell...
Who knows what the heck an RS salesman means when he starts talking that
cr*p. Could mean anything.

There is a scanner that is made by Uniden for Radio Shack. I believe
this is the 2036, which is similiar to the 870XLT. (I think.) The 2030 is
also made by Uniden Bearcat.

What did you think about the 1000 channel unit? This is the model that
is replacing the 2006. It is made by GRE and is triple conversion. Lots
of people are complaining about the looks. (I don't think it looks bad.)
But the performance is where it is going to count.

Jerry

2690. What about RS Realistic 34?

Newsgroup: rec.radio.scanner
Date: 1994-09-23 04:18:06 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <780352204@f747.n115.z1.ftn>
Source record: 268297

-=> Quoting Ted Swirsky to All <=-

TS> I keep seeing the nice things you are saying about the Radio Shack
TS> Pro-43. But I don't recall ever seeing anything about what *I* bought
TS> (2 years ago?) at Radio Shack... a Realistic (Pro?) 34. 200 channels.
TS>
TS> It's been working but, as this is my first scanner, I can't compare it
TS> to anything else.

Hi, Ted...
I owned a '34 for about 5 years. An excellent unit. I sold it to
someone at work for $150 with adapter, ni-cads and manual.

It is a slow version of a '39. Good image rejection except in the 800
Mhz band, modifiable, and an excellent unit for it's time. While no longer
available and state of the art, it is still a fine scanner that GRE
manufactured for RS as their first 800 Mhz capable handheld.

The '34 did have children...a Pro-37. The only thing different about the
'37 was a faster scanning rate. Everything else including the case
remained the same. Unless you are desparate for a new handheld, keep the
'34. It does the job.

Jerry

2691. Re: Need list of radio call-signs ('A'=alpha, etc.)

Newsgroup: rec.radio.scanner
Date: 1994-09-23 04:21:35 UTC
From: pickled@ix.netcom.com
Message-ID: <35tl4f$3lf@ixnews1.ix.netcom.com>
Source record: 268343
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In <35theo$1pj@ixnews1.ix.netcom.com> DPalmer@ix.netcom.com (David Palmer) writes:

>
>In <35qjgf$92n@nnrp.ucs.ubc.ca> dwatt@unixg.ubc.ca (David Watt) writes:
>
>> Could anyone be so kind as to post a list of the typical
>>(standard?) alphabetic call-signs. I've tried tracking my local police
>>channels in an effort to establish the complete list, but the process is
>>giving me one giant headache. Thanx.
>>
>>Cheers, Dave
>>
>Typical Police Phonenetics:
>
>A Adam N Nora
>B Boy O Ocean
>C Charles P Paul
>D David Q Queen
>E Edward R Robert
>F Frank S Sam
>G George T Tom
>H Henry U Union
>I Ida V Victor
>J John W William
>K King X X-ray
>L Lincoln Y Yellow
>M Mary Z Zebra
>
>--
>____
>David Palmer DPalmer@ix.netcom.com
>Western Communications 4108@mgs.com
>
The phoenetics David outlines above are used by the CHP & Sheriff's
office here in Orange County, but the various local police departments
use...
(A)lpha (N)ovember
(B)ravo (O)scar
(C)harlie (P)apa
(D)elta (Q)uebec
(E)cho (R)omeo
(F)oxtrot (S)ierra
(G)olf (T)ango

(H)otel (U)niform
(I)ndia (V)ictor
(J)uliet (W)hiskey
(K)ilo (X)-ray
(L)ima (Y)ankee
(M)ike (Z)ulu

It's Excedrin time! :)
--
(Mr.) Sandy Herring | The brain: an enchanted loom |
| where millions of flashing shuttles |
pickled@ix.netcom.com | weave a dissolving pattern. |
Orange County, California | - Sir Charles Sherrington |

2692. 900mhz Phone Tests

Newsgroup: rec.radio.scanner
Date: 1994-09-23 04:22:59 UTC
From: jlager@w8hd.org
Message-ID: <35tl73$q5b@w8hd.w8hd.org>
Source record: 268346

I tested ALL the new 900mhz phones to get to the real truth. If you
want to hear about this, send e-mail to me asking for it. If I get enough
interest, I'll post it all here on this group for you all.

-Jim Lagerkvist
-MICHIGAN-
jlager@w8hd.org

2693. Re: downconverter 46mhz->23mhz

Newsgroup: rec.radio.scanner
Date: 1994-09-23 04:44:20 UTC
From: coyote@fx.net
Message-ID: <35tmf4$bv1@world.fx.net>
Source record: 268345
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Charles Copeland (copeland@metronet.com) wrote:
: I was wondering if there is a downconverter out there that would turn
: 46mhz down to 23mhz. The new cordless SSB phones would be easy to crack
: on a shortwave radio with SSB if this downconverter was available.

: Anyone know of one? Where? How much?

: --
: --
: | copeland@metronet.com |
: --

A recent issue of World Scanner Report had a simple mod where the IF
section in the PRO 2006 (455kz I think) was tapped and sent to the
antenna jack of a SW radio. The SW had SSB capability and was used as the
final reciever. This was being used to decode satellite SSB data in the
135 mz range. Pretty neat mod (used two pieces of coax and one capacitor).
I think it was in volume 4, number 7.
Till later, Si B.

2694. FS: PRO-34 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-23 04:46:51 UTC
From: pjblonsk@artsci.wustl.edu
Message-ID: <35tmjr$8u8@bigfoot.wustl.edu>
Source record: 268344

Sorry to post here, but I didn't see a rec.radio.scanner.marketplace, so here goes.

This is a non-modified handheld Realistic PRO-34 Scanner, 200 Channel, etc. You probably know it all already. Anyhow, it was fun when I had time, but I don't anymore. So, I'm asking $225.00+shipping (obo). It includes the manual, flexible antenna and a telescoping antenna. It is a very clean and well-kept unit, I'll throw in the Michigan/Ohio Police Call 1991 (just because I don't need it anymore). If you want specs. drop me a line I'll send you the sales pitch on freq range.

pjblonsk@artsci.wustl.edu

2695. 2 way radio programming

Newsgroup: rec.radio.scanner
Date: 1994-09-23 06:17:23 UTC
From: wcross1@minerva.cis.yale.edu
Message-ID: <35trtj$ce4@news.ycc.yale.edu>
Source record: 268347
Cross-posted to: rec.radio.scanner,alt.radio.pirate

I was wondering if anyone had any programming software for 2 way radios (any brand, motorola and icom preferred). I was told that these products were freeware, however the cables are to be purchased through the respective company.

This software is used for PC -> Radio programming of frequencies.

Thanks ... Email me if you have any information.

Thanks again...

Bill

2696. Re: Pro-39 Mod. question

Newsgroup: rec.radio.scanner
Date: 1994-09-23 06:44:39 UTC
From: MRBECKZ1@ulkyvm.louisville.edu
Message-ID: <1703A269DS85.MRBECKZ1@ulkyvm.louisville.edu>
Source record: 268333

John,

Modifying the Pro-39 is possible. Diode D6 just be removed from the third
circuit board (the board closest to the keyboard/speaker. Once you take the
back off the scanner, the two connection to the antenna need to be desoldered.
Then desolder the ground wire from the bottom right corner. Remove the
two wiring harnesses. Remove the 6 screws. Set the top board aside. Desolder
the ground wire from the left corner of the middle board. Remove the two
screws. Set aside the middle board. Desolder the four corners of the metal
shield covering the third board. Remove D6. Repeat the process in the reverse
order for assembly.


```
+---------------------------------------+ :^\ ______ .
| MARTY BECKER INTERNET: MRBECKZ1@ | |__`\________-'__:__;\ ___|
| LOUISVILLE, KY ULKYVM.LOUISVILLE.EDU |______`\_ ========= |)
| PPL:SEL COMPUSERVE: 74250,2712 | `~~~~~~~~~~~~~~~~~~~'|
+---------------------------------------+ '
```


In article <allds.57.0011A9CD@indirect.com>
allds@indirect.com (John Allds) writes:

>
>Im getting ready to Mod. my Pro-39, what I want to know is.....can all
>Pro-39's be modded...or are there some that cant???
>
>I just wanted to know befor I opened it up???
>
>Thanks
>
>
>
>
> _/_/_/_

2697. Hot Air Balloon Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-23 06:46:48 UTC
From: dooman@indirect.com
Message-ID: <35ttko$dhv@herald.indirect.com>
Source record: 268332

I will be making the trip to Albuquerque, New Mexico for the balloon fiesta this year. I was wondering if anyone has the freqs. used by balloonists. Or the specific freqs. for this event.

Thanks.

--

<<< - dooman ** dooman@indirect.com ** Randy DeForest - >>>

2698. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-23 08:50:29 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.478.0008D7B4@ccm.hf.intel.com>
Source record: 268360

In article <CwJpBn.5Mq@eskimo.com> beldar@eskimo.com (Dan Fellows) writes:
>In article <Cw8937.7zG@spacecom.com>, Al Stem <al@spacecom.com> wrote:
>>
>>Sky Radio is Ku band spread spectrum. Good luck
>>

>Date: Mon, 23 Mar 1992 01:03:58 -0600
>From: TELECOM Moderator <telecom@delta.eecs.nwu.edu>
>To: telecom@delta.eecs.nwu.edu
>Subject: Air Fone Frequencies

>This is a special mailing of an article too large for the regular
>Digest.

> From: Leroy.Donnelly@ivgate.omahug.org (Leroy Donnelly)
> Subject: Air Fone Frequencies
> Reply-To: leroy.donnelly%drbbs@ivgate.omahug.org
> Organization: DRBBS Technical BBS, Omaha
>
>A subject had been brought up on what the frequencies are used for
>in-flight air-to-ground. The following should clear up the questions.

[stuff deleted]

These are two separate things. We were talking about the TV, News channels
that are offered (at least on United Airlines) which the plane receives
directly from satellite.

Regardless, thanks for the detailed info on the AirPhones. I saved your
posting.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

2699. Re: Wanted: AOR AR1000XLT Opinions

Newsgroup: rec.radio.scanner
Date: 1994-09-23 11:22:02 UTC
From: malxndr@aol.com
Message-ID: <35udoq$nfa@newsbf01.news.aol.com>
Source record: 268353

In article <karianaa.3.00111FCC@sce.com>, karianaa@sce.com (Anthony A. Karian) writes:

>I just ordered the above non-cellular blocked scanner, and was wondering what
people's opinion was of this purchase. Can you get a better scanner for $400?

I have had one for about 3 months. Find it suffers from intermod big time, esp. in my area near Bean Town. That more my fault that the radio's I guess. The manual sucks. Bought a guidebook that wasn't much better for $15. It's difficult and laborious to program; not at all intuitive to use. Can't seem to get certain functions such as locking out search bands to work regularly. Can't beat the price though. It's a lot of scanner for the money; I'm still trying to decide if I love it or hate it. There's no inbetween with that thing.

2700. RECALLED SCANNERS AT SHACK

Newsgroup: rec.radio.scanner
Date: 1994-09-23 12:28:16 UTC
From: jwierzbicki@melpar.esys.com
Message-ID: <CwL1B5.4Gz@melpar.esys.com>
Source record: 268354

Report of conversation with droid in Centerville, Va. 9-22-94:

Droid> We've had to send 4 models back. 20-504 (the pro 23), 20-305
(the pro 46), and two others. If we sell them, we'd lose our
job. They're (not sure which models) going back to the manufacturer
to have a PROM changed.
JW> I heard they're going up to Canada.
Droid> I didn't hear that, but I guess it could be.
JW> No way they'd replace a chip - too expensive.
Droid> Even the ones in the repair cycle will get the new PROM, so some
people will get brand new units, and their mod will be gone.
JW> Not if people hear about getting their own unit confiscated.

So there you go, folks. If your scanner is in the repair cycle, call your
Rat Shak and insist on having your EXACT scanner fixed and returned to you!!
They may fix "that broken diode", but of course, you could have another
"accident" with wire cutters. =;^)

John L. Wierzbicki --- jwierzbicki@melpar.esys.com
****
* "The very atmosphere of firearms anywhere and everywhere restrains *
* evil interference - they deserve a place of honor with all that's *
* good." ------- George Washington *
* *
****

2701. Re: looking for new york

Newsgroup: rec.radio.scanner
Date: 1994-09-23 13:05:49 UTC
From: jstone@iglou.iglou.com
Message-ID: <1994Sep23.130549.2683@iglou.com>
Source record: 268355

To: lepp225@news.delphi.com (LEPP225@DELPHI.COM)
Subject: Re: looking for new york area air port frequs

>From: lepp225@news.delphi.com (LEPP225@DELPHI.COM)
>Subject: looking for new york area air port frequs

L>I;m looking for any frequency that has to do this the local 4 air ports
>they are westchester county airport,jfk, laG. and nework nj.
>If you can post then here it would help me out alot .Thanks again

I have these freq. for the 4 NYC area airports:

Westchester:
CTAF: 119.7
Unicom: 122.95
ATIS: 116.6 arrival; 133.8 dep
NY APP CON: 126.4; 120.8; 124.65
TWR: 122.95
GND CON: 121.8
NY DEP CON: 120.55
CLNC DEL: 127.25

JFK:
Unicom: 122.95
ATIS: 128.725; 117.7; 115.4 arrival; 115.1 dep
NY RDO: 115.9; 122.1
NY APP CON: 127.4; 118.4; 123.7; 126.8; 132.4; 134.35; 109.5
Kennedy TWR: 119.1; 123.9; 125.25; 132.4
GND CON: 121.9; 121.65;(125.05 gate hold)
NY DEP CON: 123.7; 124.75; 134.35; 135.9
CLNC DEL: 135.05

LaGuardia:
Unicom: 122.95
ATIS: 127.05; 125.95(arr); 127.05(dep)
NY APP CON: 120.8; 118.0; 124.95; 127.3; 128.8; 132.7
TWR: 118.7; 119.95; 126.05
GND CON: 121.7; 121.85
DEP CON: 120.4; 124.45
CLNC DEL: 135.2; 132.85(copter)

Newark:
Unicom: 122.95
ATIS: 134.825; 115,7; 132.45; 115.5
APP CON: 127.6; 132.7; 128.55; 132.8
TWR: 118.3; 134.05

GND CON: 121.8
DEP CON: 119.2; 120.15; 124.75
CLNC CEL: 118.85

Hope this helps,

JSS

 QMPro 1.52 huh, huh, huh, huh.....SR's are cool

--

2702. Re: looking for new york

Newsgroup: rec.radio.scanner
Date: 1994-09-23 13:08:25 UTC
From: jstone@iglou.iglou.com
Message-ID: <1994Sep23.130825.2810@iglou.com>
Source record: 268356

To: lepp225@news.delphi.com (LEPP225@DELPHI.COM)
Subject: Re: looking for new york area air port frequs

>From: lepp225@news.delphi.com (LEPP225@DELPHI.COM)
>Subject: looking for new york area air port frequs

L>I;m looking for any frequency that has to do this the local 4 air ports
>they are westchester county airport,jfk, laG. and nework nj.
>If you can post then here it would help me out alot .Thanks again

I have these freq. for the 4 NYC area airports:

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TWR: 122.95
GND CON: 121.8
NY DEP CON: 120.55
CLNC DEL: 127.25

JFK:
Unicom: 122.95
ATIS: 128.725; 117.7; 115.4 arrival; 115.1 dep
NY RDO: 115.9; 122.1
NY APP CON: 127.4; 118.4; 123.7; 126.8; 132.4; 134.35; 109.5
Kennedy TWR: 119.1; 123.9; 125.25; 132.4
GND CON: 121.9; 121.65;(125.05 gate hold)
NY DEP CON: 123.7; 124.75; 134.35; 135.9
CLNC DEL: 135.05

LaGuardia:
Unicom: 122.95
ATIS: 127.05; 125.95(arr); 127.05(dep)
NY APP CON: 120.8; 118.0; 124.95; 127.3; 128.8; 132.7
TWR: 118.7; 119.95; 126.05
GND CON: 121.7; 121.85
DEP CON: 120.4; 124.45
CLNC DEL: 135.2; 132.85(copter)

Newark:
Unicom: 122.95
ATIS: 134.825; 115,7; 132.45; 115.5
APP CON: 127.6; 132.7; 128.55; 132.8
TWR: 118.3; 134.05

GND CON: 121.8
DEP CON: 119.2; 120.15; 124.75
CLNC CEL: 118.85

Hope this helps,

JSS

 QMPro 1.52 huh, huh, huh, huh.....SR's are cool

--

2703. Re: looking for new york

Newsgroup: rec.radio.scanner
Date: 1994-09-23 14:01:01 UTC
From: reda@band-aid.rutgers.edu
Message-ID: <35un2t$ohd@band-aid.rutgers.edu>
Source record: 268357

Thanks for all the NY freqs - a great piece of info.

Would anyone happen to know what I might be hearing on 125.325. Generally, I hear routing information (like that of a center controller), but I can't figure out which center. Is there a New York Center?

They seem to primarily route planes over and around Long Island (ie: Islip, Deer Park, etc.). I hear terms like "proceed direct to Rouff intersection", but have been unable to locate Rouff on nav charts.

Anyone know what this is?

FRank

--

=
Frank J. Reda, Assistant Director, Rutgers University Computing Services
reda@rucs-admin.rutgers.edu

2704. Re: The bug bit me

Newsgroup: rec.radio.scanner
Date: 1994-09-23 14:36:08 UTC
From: tweek@netcom.com
Message-ID: <tweekCwL788.M4x@netcom.com>
Source record: 268367

smacken@aol.com (SMacken) writes:
>Just wondering.. DO YOU HAVE A PERSONAL PROBLEM WITH AOL'ERS.
>
>I could log into my old Q-link account if you would prefer.

Uh, Didn't they send you the note... Q-link is being cancelled.

Now the orphaned C=64's are really orphaned.

They sent me "the note"... and tried to talk me into AOL.

I declined.

Mike

--
Sorry for the delay in getting back to you. Netcom suffers from a very
********** bad news lag which will not be fixed for a week. **********
tweek@netcom.com tweek@tweekco.ness.com WW4Net-1@11551 DoD #MCMLX N6QYA
**** Regarding mail from Internet to WWIVNet and other assorted stuff: ****
ftp://ftp.netcom.com/pub/tweek/homepage.html IM: Michael D. Maxfield

2705. Columbus Ohio - Polaris Ampitheater

Newsgroup: rec.radio.scanner
Date: 1994-09-23 15:00:12 UTC
From: Bill McCall <70003.4300@CompuServe.COM>
Message-ID: <35uqhs$r28$1@mhadf.production.compuserve.com>
Source record: 268361

Has any Columbus area scanner enthusiasts picked up any
frequencies for the new Polaris ampitheater? Its too new to be
in the Radio Shack books. Someone asked me about them as I live
close enough to pick them up, but the last show of the year was
just the other night. Anybody have them?

Bill

--
Clowns to the left of me, Jokers to the right, here I am stuck in
the Internet with you!

2706. pro2006 455KHz mod (was downconverter 46mhz->23mhz)

Newsgroup: rec.radio.scanner
Date: 1994-09-23 15:05:50 UTC
From: horak@convex.com
Message-ID: <35uqse$q0t@eugene.convex.com>
Source record: 268359
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In <35tmf4$bv1@world.fx.net> coyote@fx.net (Si Ballenger) writes:

>Charles Copeland (copeland@metronet.com) wrote:
>: I was wondering if there is a downconverter out there that would turn
>: 46mhz down to 23mhz. The new cordless SSB phones would be easy to crack
>: on a shortwave radio with SSB if this downconverter was available.

>: Anyone know of one? Where? How much?

>: --
>: --
>: | copeland@metronet.com |
>: --
>
> A recent issue of World Scanner Report had a simple mod where the IF
>section in the PRO 2006 (455kz I think) was tapped and sent to the
>antenna jack of a SW radio. The SW had SSB capability and was used as the
>final reciever. This was being used to decode satellite SSB data in the
>135 mz range. Pretty neat mod (used two pieces of coax and one capacitor).
> I think it was in volume 4, number 7.
> Till later, Si B.

This is a very nice mod. I documented how I did it a long time ago.
Here's the file for the mod.....

This is the mod for adding SSB capability to your Pro2005/2006. It is
taken in part from Bill Cheek's Scanner Mod Handbook Volume 1. As long
as you have a shortwave receiver with an external antenna jack and
capability to tune to 455 KHz, you can interface it to the Pro2006 with
this mod. It is best if you use a static safe work environment to
perform this mod and you should have some technical knowledge. Also, a
schematic would be helpful but is not necessary.

You will need the following parts:

Output jack (I use a 1/8 mini earphone jack but some like a BNC. The
1/8 mono jack is easier to install because you don't have
to drill as big a hole in the back of the unit)

.01 uF capacitor

5 Kohm resistor (1/4 watt)

6 inches of mini coax or other shielded cable

A cable to run from the 2006 to your shortwave. I use the shielded
cable that has the 1/8 plug on one end and a phono plug on the other

end (1992 catalog Radio Shack P/N 42-2444 works for me). The phono plug is perfect for the antenna input of my DX440 shortwave receiver.

The first step is to remove the cover of the unit and drill a hole in the back of the 2006 for your 1/8 or BNC plug. (You will want to wrap some tape around the drill bit about an inch from the end to keep it from cruising right on into the electronics once it punches through the metal!) Solder the 5K resister to one end of the .01 uF cap. Solder the other end of the cap to the shielded coax wire. Solder the other end of the coax to your 1/8 phono plug (or BNC) and ground the cable at this end. Now that the cable is in place you are ready to connect it to the 455 KHz source which is D33. It is on the top circuit board near the middle left, not too far from a huge capacitor. Solder the end of the resistor to the cathode of D33. (This should be the top of the standup part) Now you can test it out before you put the cover back on to make sure you did everything correct. You should be able to tune to some local airport or CB frequency on your 2006 and receive the same thing on your shortwave (with it tuned to 455 KHz and hooked up to the 2006 of course). If you tune something on your scanner that is SSB, you should be able to switch your shortwave to SSB and tune in the signal just fine. Beware of one thing, since the 2005/6 only tunes in 5 KHz increments minimum, you may notice from time to time that the signal on your shortwave isn't real clear. It may be that you will need to tune the shortwave anywhere from 451 to 459 KHz to tune in the signal well!

If you don't succeed or this description has you baffled you probably shouldn't be doing the mod in the first place. I assume no responsibility for screwups. Good luck

David

2707. Yupi-7100, WOW $475 Shipped

Newsgroup: rec.radio.scanner
Date: 1994-09-23 15:24:45 UTC
From: "Steven W. Weinstein" <73327.3472@CompuServe.COM>
Message-ID: <35urvt$r7m$1@mhadf.production.compuserve.com>
Source record: 268363
Cross-posted to: rec.radio.scanner,rec.radio.swap,alt.radio.pirate,alt.radio.scanner

Yupituru-7100 Scanner For Sale: .5-1650mhz, AM/FM/WFM/LSB/USB, 1000 channels, 500 search pass channels. The best handheld scanner ever made. Not available in the U.S. This will recieve everthing there is, the first $475 takes it.

2708. Re: Another anteana question

Newsgroup: rec.radio.scanner
Date: 1994-09-23 15:27:24 UTC
From: horak@convex.com
Message-ID: <35us4s$f89@eugene.convex.com>
Source record: 268362

In <cgwh.109.0010F48A@chevron.com> cgwh@chevron.com (Curtis Wheeler) writes:

>In article <35q8os$87c@eugene.convex.com> horak@convex.com (David Horak) writes:

>>In <35q2nf$hh1@herald.indirect.com> dooman@indirect.com (Randy DeForest) writes:
>>>What effect (if any) would a 3db gain anteana have on a pro-51?
>>>The anteana is manufactured by Maxrod Inc. model number MFB-9153.

>>I'm not sure what antenna this is but the basic result of putting an
>>antenna of more gain on the pro51 will be more stations, more images
>>(from more stations) and more intermod from already strong signals.

>>David

>Adding gain will NOT necessarily increase interference or images. Gain on
>omnidirectional antennas is generally accomplished by lowering the angle of
>radiation, or "takeoff angle". If the source of interference is within the
>lower angle then it's apparent signal strength will increase with the antenna
>gain. While David's answer usually proves correct, it is not always true.

Well I suppose there are several minute exceptions largely depending on
RF environment, filters, antenna type, radio, etc. Still, the result
will MOST LIKELY be what I described above, especially with the pro51.
Of course, 3db isn't much but it may be enough to cause more problems
than good. I suppose I shouldn't have answered a question like this
with absolutes. Learning what antenna and what radio to use based on
what you're trying to listen to in a particular environment is not
something you can describe in one sitting at a computer terminal. It
is learned by experience. If this fellow is out in the country, he may
well benefit from more gain. If he's in the city, he may have
problems. My pro51 gets desensitized on 800 MHz pretty bad with more
gain applied.

YMMV,

David

2709. antenna for a pro 2006

Newsgroup: rec.radio.scanner
Date: 1994-09-23 15:30:10 UTC
From: Scragg@pinn.net
Message-ID: <35usa2$fgh@everest.pinn.net>
Source record: 268358

I'm a happy owner of pro 2006 and I was toying with the idea of an external antenna. I'd prefer to get one that will boost the reception throughout the entire range of the scanner. RS has an antenna for $49 that covers the entire range that is small enough for my attic. Any suggestions?

Joe

2710. Re: 46.0 Mhz Directional Ant.

Newsgroup: rec.radio.scanner
Date: 1994-09-23 15:36:29 UTC
From: horak@convex.com
Message-ID: <35uslt$n5u@eugene.convex.com>
Source record: 268364

In <35tja4$rd0@garuda.csulb.edu> ddillon@csulb.edu (Daniel Dillon) writes:

>Steven Barrow (steven.barrow@canrem.com) wrote:

>: Would anyone have plans for a 46.0 Mhz directional antenna? I am
>: trying to pinpoint the cordless phones in my neighborhood.

>: ---
>: * OLX 2.1 TD * Internet: steven.barrow@canrem.com Fido: 1:229/15
> Well, as a suggestion that i haven't seen before. What would
>work flawlessly for you would be to takea commercial six meter antenna
>and tune it as close to 46 MHz as you could. Cushcraft sells a 6 element
>with 11.6 dBd of gain!!!! That is 11.6 dB of gain over that that a full
>length dipole would offer. Front to back ratio on that particular
>antenna is 26 dB.... that would easily allow you not only figure out
>direction of a signal, but pick up signals at a much greater distance and
>with better clarity. This antenna is designed to pick up 50 to 54 MHz,
>but i assume that (not that it would be necessary) could be retuned to
>precicely the nearby band you wanted.

>Dan , KD6FPX

That's a good idea Dan and it ought to work fine. I'd just like to be
there when he goes out lugging it around the neighborhood pointing it
at his neighbors :-)

David

2711. Re: FS: PRO-34 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-23 15:40:54 UTC
From: horak@convex.com
Message-ID: <35usu6$qua@eugene.convex.com>
Source record: 268365

In <35tmjr$8u8@bigfoot.wustl.edu> pjblonsk@artsci.wustl.edu (Paul Jarrod Blonsky) writes:

>Sorry to post here, but I didn't see a rec.radio.scanner.marketplace, so
>here goes.

>This is a non-modified handheld Realistic PRO-34 Scanner, 200 Channel, etc.
>You probably know it all already. Anyhow, it was fun when I had time, but I
>don't anymore. So, I'm asking $225.00+shipping (obo). It includes the
>manual, flexible antenna and a telescoping antenna. It is a very clean
>and well-kept unit, I'll throw in the Michigan/Ohio Police Call 1991 (just
>because I don't need it anymore). If you want specs. drop me a line I'll
>send you the sales pitch on freq range.

I bought mine over 4 years ago on sale for $229! Perhaps you should lower
your price. $100 to $150 is more realistic.

David

2712. Yo Yo

Newsgroup: rec.radio.scanner
Date: 1994-09-23 16:21:58 UTC
From: sauron@hamshack.com
Message-ID: <9409250030282360@hamshack.com>
Source record: 268238

I've got a "bearacat" uniden sportster scanner... i found some fun stuff to
do
with it.. but besides little shit things.. what can i do?

--- Renegade v5-31 Exp
* Origin: Shadows In The Rain BBS - 708.305.3491 (666:69/26)

2713. Bearcat Scanners

Newsgroup: rec.radio.scanner
Date: 1994-09-23 16:55:56 UTC
From: mxs5837@ritvax.isc.rit.edu
Message-ID: <1994Sep23.165556.4829@ultb.isc.rit.edu>
Source record: 268371

I have a Bearcat210, Bearcat250 and a Bearcat 210XLT. The 210 no longer works as it doesn't hold frequencys anymore. The 250 is a great scanner but doesn't receive the aircraft band. The 210XLT is great but I think I need an outside antenna to improve reception. Is there an inexpensive antenna that could do this. Can the 250 be modified to receive the aircarft freqs? Is the 210 salvagable?

Mike.

P.S. I need frequencies for the Pittsburg and Philadelphia airports. Anyone know what they may be?

2714. Re: Inversion Encryption

Newsgroup: rec.radio.scanner
Date: 1994-09-23 16:57:10 UTC
From: jkearman@arrl.org
Message-ID: <1994Sep23.165710.5337@arrl.org>
Source record: 268370

Abe Collins (abe@rabbit.corp.sgi.com) wrote:
: In article <35o994$g4s@sagan.nps.navy.mil>, tmnichol@nps.navy.mil (Troy M.
: Nichols) writes:
: |> Would somebody please post info on either how to build,
: |> or where to purchase a descrambler for voice inversion
: |> encryption.

: If you pick up an issue of 73 Magazine, QST Magazine, CQ Magazine
: (all HAM radio oriented), or one of the many "hobby electronics"
: magazines, you will see ads in the back for descrabler kits for
: about $20 to $30... some are setup to scramble & descramble for

We'd be delighted if anyone would like to read QST, but there are
currently no companies advertising such devices in QST.

Good listening.

Jim Kearman
Assistant Technical Editor, QST

2715. PRO2026 intermod - need help

Newsgroup: rec.radio.scanner
Date: 1994-09-23 16:59:03 UTC
From: jeffpmil@aol.com
Message-ID: <35v1gn$s4k@newsbf01.news.aol.com>
Source record: 268369

Grind/Groan the UHF paging is killing my 462 listening.

Any antenna de-coupling ideas, suggestions? Help.
Public/private ok

Be seeing you,
No. 6

2716. Bearcat Scanners

Newsgroup: rec.radio.scanner
Date: 1994-09-23 17:09:53 UTC
From: mxs5837@ritvax.isc.rit.edu
Message-ID: <1994Sep23.170953.5540@ultb.isc.rit.edu>
Source record: 268372

I posted this note a few minutes ago, but crashed when I sent it, so if this is a duplicate, just ignore this. Anyways, I have a BC210, BC250 and a BC210XLT. The BC210 no longer retains frequencies in its memory. At least I think thats what the problem is. The BC250 is *very* old but works like a charm. However, it doesn't receive the airline frequencies. The BC210XLT works great but I think I need an outside antenna for better reception. Is there an inexpensive antenna that I could buy that would pick up airport transmissions better. I live around 10 miles from our airport and can barely hear the control tower side of the transmissions. Can the BC250 be modified to receive aircraft frequencies? Is the BC210 salvagable??

So many questions, so little time.

Mike.

P.S. Does any have the frequencies for Pittsburg and Philadelphia airports?

2717. Re: Modifable RS scanners redirected to Canada

Newsgroup: rec.radio.scanner
Date: 1994-09-23 18:06:09 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CwLGyA.B78@freenet.carleton.ca>
Source record: 268280

In a previous article, steven@sgb.oau.org (Steven Bradley) says:

>Darrell A. Larose (ad607@FreeNet.Carleton.CA) wrote:
>
>: Apparently the RS Pro43, Pro51 etc are being sent here to Canada
>: were it is not illegal to sell them. Or so the rumour from a local
>: RS Droid.
>
> So, that's no real problem is it? They simply take a "detour"
> via Canada and return UPS 2-day over the border back to place
> of "manufacture" to their new permanent home in a U.S. home.
>
Does UPS offer 2-day surface delivery to the Far-East... RS scanners for the most part are made by Uniden in the Pacific Rim!!! As AT THIS TIME it is not illegal to sell scanners that can pick up cell phones in Canada! This would make a logical place to send them. They would have to be further modified (fixed, locked out) for sale in Europe as other bands are banned elsewhere. With your strong US dollar vs the Canadian dollar valued @ $0.73 if these go on sale it would be well worth the trip north to grab one.

10-4

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

2718. Re: Wanted: AOR AR1000XLT Opinions

Newsgroup: rec.radio.scanner
Date: 1994-09-23 18:11:01 UTC
From: av378@FreeNet.Carleton.CA
Message-ID: <CwLH6E.BL0@freenet.carleton.ca>
Source record: 268373

In a previous article, karianaa@sce.com (Anthony A. Karian) says:

>I just ordered the above non-cellular blocked scanner, and was wondering what
>people's opinion was of this purchase. Can you get a better scanner for $400?
>

I have had this scanner for over two years now and love it. My only beef
is the inability to lock out frequencies in the search mode. I take it
everywhere with me and use it in the car. I also have an AOR 2500 and a
Bearcat 50, but the 1000xlt is my favourite.

2719. Re: WINDOW'S SOFTWARE FOR THE OPTO456

Newsgroup: rec.radio.scanner
Date: 1994-09-23 21:32:46 UTC
From: tham@fas.harvard.edu
Message-ID: <35vhhu$4pu@scunix2.harvard.edu>
Source record: 268293

dfleming@earth.execpc.com (Dan Fleming) writes:

>OAK.OAKLAND.EDU has RADIO MANAGER (rm.zip)

snip..snip..

>I wish some people with the OPTO456 can tell us more about this team:
>(opto456/radio manager for windows)

Well, the software still will run itself without hardware, if anyone curious about it. Just disable computer control, I think under option menu. It is very neat, but scans very slow on my machine(386DX33). It is great for monitoring a few local frequencies, but for me, scanning 20ch trunk, and a few other frequencies ScanStar Pro-edition is still faster. They all have their plus and minus.

Happy 'fast' scanning

Fu

2720. Re: Allocation of RF spectrum?

Newsgroup: rec.radio.scanner
Date: 1994-09-23 21:38:01 UTC
From: dbarton@unix.cc.emory.edu
Message-ID: <35vhrp$54m@emoryu1.cc.emory.edu>
Source record: 268275

Mik T. (mt@indirect.com) wrote:
: Can somebody point me to a table (map) of the FCC's allocation of the
: RF spectrum by type? (i.e. radio, TV, police band, aviation, military, etc.)
: Thanks much in advance.

I would also be interested in such a thing.

Thanks,

Doug
KE6LZM

2721. Re: RECALLED SCANNERS AT SHACK

Newsgroup: rec.radio.scanner
Date: 1994-09-23 21:52:54 UTC
From: jpa@pacifier.com
Message-ID: <35vinm$20g@news.pacifier.com>
Source record: 268278

In article <CwL1B5.4Gz@melpar.esys.com>, jwierzbicki@melpar.esys.com
(John Wierzbicki) says:

>JW> I heard they're going up to Canada.
>Droid> I didn't hear that, but I guess it could be.
>JW> No way they'd replace a chip - too expensive.
>Droid> Even the ones in the repair cycle will get the new PROM, so some
> people will get brand new units, and their mod will be gone.
>JW> Not if people hear about getting their own unit confiscated.
>
>
>So there you go, folks. If your scanner is in the repair cycle, call
your
>Rat Shak and insist on having your EXACT scanner fixed and returned to
you!!

Well As far aas I know and I am a manager at a Local Radio Shack, The
radio's were recalled because the Mods were available, the reason they
were pulled is that the Radios were MAnufactured after the Date set by
the FCC which said a modifiable scanner was no longer to be made. If
you have one of those scanners they can't do anything about it, period
end of conversation! In Repair or not, yes they might possibly replace
a missing or clipped diode, though if you sent it in under warranty, you
deserve to have it repaired and the whole thing billed to you.

JPA@pacifier.com

2722. looking 4 newyork news/media frequ's

Newsgroup: rec.radio.scanner
Date: 1994-09-23 21:56:24 UTC
From: lepp225@news.delphi.com
Message-ID: <35viu8$6hu@news.delphi.com>
Source record: 268374

HI, I'm lloking for any frqu's that has to do with news in the new york city area. EX. abc,nbc or cbs news crews. Plus if you have any news choper. I know that news radio 88 has a choper.and so does shadowtraffic. But t i know for sure bbn "breaking news network" is dispatch via a alphanumeric pager in the 931.'s .If you can help me thanks in advance..

---

post all replys here!!!!!

---

lepp225@delphi.com

2723. Re: ATT 9100 900mhz cordless phone

Newsgroup: rec.radio.scanner
Date: 1994-09-23 22:34:59 UTC
From: dsrekcc@prism.gatech.edu
Message-ID: <35vl6j$aq7@acmez.gatech.edu>
Source record: 268276

dooman@indirect.com (Randy DeForest) writes:
>Does anyone know what frequency range the 900mhz phones operate on. More
>specifically the AT&T 9100.

From the FAF - Frequently Asked Frequencies file on oak.oakland.edu -

Panasonic KX-T9000 base 902.100-903.870 { 60 channels
handset 926.100-927.870 { 30 kHz spacing

VTech Tropez 900DX base 905.600-907.500 { 20 channels
(digital) handset 925.500-927.400 {100 kHz spacing

AT&T #9120 902.0-905.0 / 925.0-928.0 }
OTRON CORP. #CP-1000 902.1-903.9 / 926.1-927.9 } unconfirmed
SAMSUNG #SP-R912 903.0 / 927.0 }

--
Chris Campbell dsrekcc@prism.gatech.edu

2724. Re: << ** UUENCODED DEMO version of DTMF Decoder (MAC) **>>

Newsgroup: rec.radio.scanner
Date: 1994-09-23 22:43:59 UTC
From: GRIDE@UCSVAX.UCS.UMASS.EDU
Message-ID: <35vlnf$eeh@nic.umass.edu>
Source record: 268277

In <john_coggi-2309941354360001@ldef.aero.org> john_coggi@qmail2.aero.org writes:

> And here's a decoder for REAL computers. :-) Below are some comments
> by the author:
>
> From: gsmattes <gsmattes@vela.acs.oakland.edu>
>
> Touch Tone Decoder 2.0 allows you to decode touch tones in real time,
> using your Mac's sound input device. It can also decode pre-recorded
> sounds. Sounds can be recorded directly from within the program, loaded
...
> Description: TouchTone Decoder 2.0.sit
>
>
> BEGIN-------cut here-------CUT HERE-------PART 01
> begin 644 Touch Tone Decoder 2.0.sit

I have tried using this demo for a while and I have to say I am not
impressed by the results I get. I have tried decoding from a number of
sources (microcassette recorder, scanner, microphone). I have tried
using an attenuating cable to direct wire the inputs to the mic,
tried using the mic (the stock one and my own), sampling the
tones with my MacRecorder/saving as AIFF, and synthesizing them
(as a last resort, for test purposes).

The decoder has never worked, save twice. One time I was using an
EXTREMELY clean recording of tones (studio quality), and the other
time I synthesized the tones using Soundedit. The interface is good,
very intuitive. I think that the separation and recognition algorithm
could use some work. It (TTD2.0) has no tolerance for noise or interference.

I suppose that this will offend the author, and I'm sorry. I'm just
telling it like it is. I do not claim I could do a better job, but I
want you to know that if you do, I (and many of my Mac using friends)
will then GLADLY purchase the program...

Regards,

Andrew

2725. mobile ant.

Newsgroup: rec.radio.scanner
Date: 1994-09-23 23:08:49 UTC
From: nelso901@raven.csrv.uidaho.edu
Message-ID: <35vn61$s9n@owl.csrv.uidaho.edu>
Source record: 268279

I am looking for a good scanner ant. which I can permanently mount on the roof of my pickup. All those which I have seen at Radio Shack are magnetic mount. Any suggestions? Sources? Etc?

Happy Scanning!

2726. Re: 2 way radio programming

Newsgroup: rec.radio.scanner
Date: 1994-09-23 23:36:41 UTC
From: af546@yfn.ysu.edu
Message-ID: <35voq9$7vm@news.ysu.edu>
Source record: 268283

The programming software IS NOT freeware and in most cases is sold ONLY to bonefide two way radio dealers.
The cables however are sold to whomever is in need of them along with the serial port programming adapters.

Polaris Industries makes a respectible unit going for around a $100.00 plus around 38 to 60 for the cable from the programmer to the radio.

Of course we can't say where you can find the software under ground but I have seen some floating around so it is out there if you look hard enough.

The above company specializes in Motorola programming supplies BUT of course will not provide you with the software.

Tony Rossi
T O P Communications
Cincinnati, Ohio
--

2727. Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-24 00:30:22 UTC
From: paul@paltech.com
Message-ID: <paul.103.00F104BA@paltech.com>
Source record: 268284

I am looking for the cellular and cordless phone frequencies. I would appreciate any assistance with these.

2728. Re: FS: PRO-34 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-24 00:42:19 UTC
From: pjblonsk@artsci.wustl.edu
Message-ID: <35vslb$dfr@bigfoot.wustl.edu>
Source record: 268285

David Horak (horak@convex.com) wrote:

: I bought mine over 4 years ago on sale for $229! Perhaps you should lower
: your price. $100 to $150 is more realistic.

: David

Cool. Trouble was, I couldn't remeber what *I* paid for the darn thing.
Considering its age and the amount of fun I've had with it, I don't mind
getting less than what I was asking (which was really a pretty blind guess).
Anyway, I will lower the asking price to $150 (and what the heck, I'll
bite the shipping cost too). Recap: PRO-34 Handheld
Scanner, 200-Channel, 2 antenna (flex and telescoping) and manual.
E-Mail for further details.

Thanks David.

Paul Blonsky
pjblonsky@artsci.wustl.edu

2729. 900mhz spread spectrum

Newsgroup: rec.radio.scanner
Date: 1994-09-24 00:59:02 UTC
From: s0008871@unix1.cc.ysu.edu
Message-ID: <35vtkm$kdn@unix1.cc.ysu.edu>
Source record: 268286

Is there a way to intercept a call from a 900mhz spread
spectrum phone?

2730. AOR AR 1500XLT FOR SALE!

Newsgroup: rec.radio.scanner
Date: 1994-09-24 02:04:38 UTC
From: Ben Hernandez <ben.hernandez@macsch.com>
Message-ID: <CwM33r.56J@draco.macsch.com>
Source record: 268288

*****FOR SALE!*****

AOR AR1500XLT

FREQUENCY: 500 KHz to 1.3 GHz
MODE: SSB, AM, WFM, NFM
MEMORIES: 1000 Channels; 10 independant banks
TUNING STEPS: 5KHz-995KHz
ATTENUATOR: 10dB (prevents overload)
CONTROLS: Key pad, Rotary VFO

AC Adapter, Belt clip, Shortwave antenna, Rubber duckie antenna, and
Manual

Great unit, in great shape!
PRICE: $325.00 FIRM! (plus shipping)

Ben Hernandez
800-336-4858 7:00 AM to 4:00 PM Pacific time

2731. Looking for input re OS456 - installing mine soon.

Newsgroup: rec.radio.scanner
Date: 1994-09-24 02:26:20 UTC
From: Greg <gregmason@delphi.com>
Message-ID: <pyz14+c.gregmason@delphi.com>
Source record: 268287

I'm soliciting the opinions, experiences, advice of others who have done
this mod. Post or emial... whichever youre most comfortable with...
I've read the doccumentation. Repeatedly! I think that I've got a good
handle on what needs to be done, but id like to know about your experiences
Thanks!

2732. PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-09-24 02:34:00 UTC
From: albert.estabrooks@woodybbs.com
Message-ID: <93.820.7592.0NFB3262@woodybbs.com>
Source record: 268292

I have a question regarding a test-mode for the Realistic PRO-43.
I understand that the PRO-39 and PRO-51 are capable of receiving
blocked freqs simply with a key pad combination that will place it
in a test-mode for Radio Shack techs to work in. While in the test
mode, a good portion of the blocked freq spectrum will be available
to scan, but not saved.

I know of only these two models that have this ability. Would anyone
know the test-mode for the PRO-43?

• TriNet: ARNet - DEUCES WILD BBS (714) 953-4493 - Santa Ana, CA.

2733. SCA Receiver Source

Newsgroup: rec.radio.scanner
Date: 1994-09-24 05:20:51 UTC
From: Reza@cerf.net
Message-ID: <Reza.1130771691B@news.cerf.net>
Source record: 268290

Could anyone please refer me to a source for a SCA receiver. I need a kit or a complete receiver. I know about the projects in the Radio Electronics and Popular Electronics but I would like toind a source with all the parts in one place.

2734. Should I buy a BC220XLT?

Newsgroup: rec.radio.scanner
Date: 1994-09-24 06:35:30 UTC
From: lem <lem@mixcom.mixcom.com>
Message-ID: <1994Sep24.063530.8194@mixcom.com>
Source record: 268289

I am interested in buying a scanner.

I am currently attracted to the uniden BC220XLT but I know nothing about scanners or their various capabilties and applications.

I am begging for advice here.

Is there anything this scanner CAN'T do which, while I may not mind at first, will start to bug me after a while. Is there anything in a comprable price range which is better?

Also: How/where can I go for lists of frequencies and what they're used for and general info like that? Is there any ftp site around with text files? Do scanners generally come with pretty good user manuals?

I would first off be using it to catch local fire/police action in the hopes of putting together a photojournalism portfolio. So my first need would be for those frequencies in my area.

I am also curious as to why the vehicle mounted scanners always say "the use or possession of this scanning radio in a motor vehicle may be prohibited, etc.." and the hand held scanners never do. Are the hand held scanners limited in some way compared to the mountable ones? Why would having a hand held one in the car be ok but one mounted to the dash bad?

--
This message was typed by weasels.

2735. Re: Bearcat Scanners

Newsgroup: rec.radio.scanner
Date: 1994-09-24 09:06:33 UTC
From: DPalmer@ix.netcom.com
Message-ID: <360q6p$hsl@ixnews1.ix.netcom.com>
Source record: 268291

In <1994Sep23.165556.4829@ultb.isc.rit.edu> mxs5837@ritvax.isc.rit.edu writes:

>
>I have a Bearcat210, Bearcat250 and a Bearcat 210XLT. The 210 no longer
>works as it doesn't hold frequencys anymore. The 250 is a great scanner
>but doesn't receive the aircraft band. The 210XLT is great but I think
>I need an outside antenna to improve reception. Is there an inexpensive
>antenna that could do this. Can the 250 be modified to receive the
>aircarft freqs? Is the 210 salvagable?
>
>Mike.
>
>P.S. I need frequencies for the Pittsburg and Philadelphia airports.
>Anyone know what they may be?
>

I still have an old Bearcat 210. Right about in the middle of the PC board
is a button cell battery, about 1/4" in diameter held in with a tiny screw
and a metal tab. Remove it, noting the polarity, and take it down to Rat
Shack and find it's replacement. Put the new battery and test for memory.
I have changed the battery twice in 17 years. My 210 seems to only lose
memory when the AC is unplugged while on.
If you want to get rid of it, let me know. Mine's keypad is worn to the
point of multiple keystrokes being entered.
--
____
David Palmer DPalmer@ix.netcom.com
...I searched the world over for my angel in black....

2736. Re: AOR and shortwave

Newsgroup: rec.radio.scanner
Date: 1994-09-24 11:40:08 UTC
From: tom.finger@xoanon.com
Message-ID: <9409241859153352@xoanon.com>
Source record: 268315

Happy to hear about the AOR 2500 - I was thinking of buying one. I have a AOR 1000 and ahve been very satisfied with it as a scanner although it's not much on the SW end- I can get WWV for a tiem check. Low end- i.e. AM broadcast is next to worthless- I can't even get the strong AM broadcast stations!

As a scanner it performs right with the 2006 - I currently have both sitting on my bench side-by-side. If there are any differencies in performance they are very minor. In fact I'm returning the 2006 because it dosen't perform any better than the AOR 1000 and the 2006 isn't portable.

As to high end scanners- more expensive than the 2006 class- what is the best deal.

Opinions anyone?

Thanks.

Tom in Houton, TX area.

2737. Re: PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-09-24 12:13:55 UTC
From: schuster@panix.com
Message-ID: <361563$8pc@panix3.panix.com>
Source record: 268294

In article <93.820.7592.0NFB3262@woodybbs.com>,
Albert Estabrooks <albert.estabrooks@woodybbs.com> wrote:
>
>I have a question regarding a test-mode for the Realistic PRO-43.
>I understand that the PRO-39 and PRO-51 are capable of receiving
>blocked freqs simply with a key pad combination that will place it
>in a test-mode for Radio Shack techs to work in. While in the test
>mode, a good portion of the blocked freq spectrum will be available
>to scan, but not saved.
>
>I know of only these two models that have this ability. Would anyone
>know the test-mode for the PRO-43?

There is none; this only works on Uniden-manufactured scanners; not the
GRE-made PRO-43.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2738. Re: RECALLED SCANNERS AT SHACK

Newsgroup: rec.radio.scanner
Date: 1994-09-24 13:29:17 UTC
From: steven@sgb.oau.org
Message-ID: <CwMysv.JE5@sgb.oau.org>
Source record: 268295

John Wierzbicki (jwierzbicki@melpar.esys.com) wrote:

: Report of conversation with droid in Centerville, Va. 9-22-94:

: Droid> We've had to send 4 models back. 20-504 (the pro 23), 20-305
: (the pro 46), and two others. If we sell them, we'd lose our
: job. They're (not sure which models) going back to the manufacturer
: to have a PROM changed.
: JW> I heard they're going up to Canada.
: Droid> I didn't hear that, but I guess it could be.
: JW> No way they'd replace a chip - too expensive.
: Droid> Even the ones in the repair cycle will get the new PROM, so some
: people will get brand new units, and their mod will be gone.
: JW> Not if people hear about getting their own unit confiscated.

: So there you go, folks. If your scanner is in the repair cycle, call your
: Rat Shak and insist on having your EXACT scanner fixed and returned to you!!
: They may fix "that broken diode", but of course, you could have another
: "accident" with wire cutters. =;^)

This is most interesting, I will inquire further into this, as it
would be fraud to replace the PROM if it wasn't the problem needing
repair.

It could get pretty expensive legally if the Rat Shack chose to take
this gamble, since a judge would most likely rule as he would in a
case where you took your car to be repaired, and they made "other
unsolicited and unauthorized changes". In such a case, the dealer
and/or service department can be legally required by law to put the
vehicle back to it's original condition as they received it fixing
only the item which required the repair.

Same with scanners, if they changed more than was needed to make
the repair, find one of your friends in the legal profession and
get them to write a nasty-gram (legal letter) to the Rat Shack
service department and return the scanner and letter to them for
restoration to original form prior to the "repairs".

Of course, if the question ever arose -- you will SUE them for
damages of your time, time off work, legal expenses, travel,
any other personal injury damages available (the inconvenience),
and the scanner restored to its original form.

If they still balk at that, you then have your "friendly" lawyer
send them another letter, this one certified, to where the scanner
was "repaired" at, the physical location of, and it should request
if they destroyed the components needed to restore it to the form

it was in before repair, they have also committed theft of items
not returned to customer and not legally theirs to keep. You may
optionally suggest they obtain an overseas replacement unit for
you -- since there was a capability of cellular before they modified
it to not be capable of doing so, and under ECPA rules, you use the
device for verifying signal radiation and interference.

By now, or sooner, they should respond with the old ROM put back
or an overseas model. In any event, if anyone has a problem of
this sort and follows through, I'd like to hear how much effort
(legal or otherwise) it takes to force them into putting it back
the way it was.

One other option of course is to determine the chip, and remove it
yourself before it gets serviced. This way you can put it back
when the unit is returned.

One other option as well related to the above (which Rat Shack
will HATE me for, I am sure), is to purchase a new unit, swap the
boards as to replacing the one that is broken, and swap the
chips -- then return the new unit with the faulty board and the
newer restricted PROM to Rat Shack for refund (duh, it did not
work well, it ... (fill in what it did wrong originally)).

This approach takes a little effort, but counters their new tactics,
and gets the repair done for free if out of warranty and guarantees
the modifiable cellular range will stay intact.

If anyone is interested, you have my permission to reprint this
article and to mail or fax it to your favourite Rat Shack service
department, regional sales manager, and anyone else who may benefit
of the solutions being discussed on what to do with their sleazy
unwanted PROM upgrade operation.

Steven
--
Steven G. Bradley | Internet: steven@sgb.oau.org
Forest City, Florida, USA | steven@gate.net
----------+----------
Home: 407/862-7226 | CompuServe: 73232,505
Work: 407/578-8007 ext 1196 | America Online: sgbradley

2739. Re: A funny thing happened at Rat Shack ...

Newsgroup: rec.radio.scanner
Date: 1994-09-24 13:42:15 UTC
From: steven@sgb.oau.org
Message-ID: <CwMzEH.JrK@sgb.oau.org>
Source record: 268300

Robert Melchiorre (rm@alsun138.cnet.att.com) wrote:

: Between this group and rec.radio.shortwave, there's so much discussion about
: Radio Shack that perhaps what you guys required is a rec.radio.shack group.

: bob
: --
: Robert Melchiorre (610) 712-2387 Voice
: AT&T Microelectronics (610) 712-2820 FAX
: 1247 S Cedar Crest Blvd. rm@alux1.att.com
: Allentown PA, 18104

Are you requesting discussion on the merits of creating a new
group "rec.radio.shack"? If so, you need to copy your message
to the appropriate config discussion group :(

Personally, I'd like to see it as rec.radio.shack.idiots or
rec.radio.shack.droids... :(:(

They earn every bashing they get, every chance the have!

Steven
--
Steven G. Bradley | Internet: steven@sgb.oau.org
Forest City, Florida, USA | steven@gate.net
---------------------------------------+----------------------------------
Home: 407/862-7226 | CompuServe: 73232,505
Work: 407/578-8007 ext 1196 | America Online: sgbradley

2740. Freqs. for High Schools?

Newsgroup: rec.radio.scanner
Date: 1994-09-24 15:16:53 UTC
From: Schoen@ix.netcom.com
Message-ID: <361ft5$qkf@ixnews1.ix.netcom.com>
Source record: 268301

Does anyone have any frequencies for the Catholic high schools in northern Virginia? Specifically, I am referring to Bishop O'Connell, Bishop Ireton, and Paul VI. Beyond Police Call lists Ireton as being 467.8125, but they do not list the other two. Is it possible that the diocese licensed that same frequency for all three schools but it is just listed for one? Would this make sense, since it is a low power splinter frequency and would not cause interference to the other schools? I have seen radios used by Paul VI staff at their football games, and I have seen O'Connell staff using radios around the school. The O'Connell radios appear to have UHF-High antennas. Anyone with any ideas or help please respond.

Thanks in advance,

David
schoen@ix.netcom.com

2741. Re: looking 4 newyork news/media frequ's

Newsgroup: rec.radio.scanner
Date: 1994-09-24 16:06:29 UTC
From: randall@cygnus.sunydutchess.edu
Message-ID: <361iq5$10e0@admaix.sunydutchess.edu>
Source record: 268208

LEPP225@DELPHI.COM (lepp225@news.delphi.com) wrote:
: HI, I'm lloking for any frqu's that has to do with news in the new york city
: area. EX. abc,nbc or cbs news crews. Plus if you have any news choper. I
: know that news radio 88 has a choper.and so does shadowtraffic. But t
: i know for sure bbn "breaking news network" is dispatch via a alphanumeric
: pager in the 931.'s .If you can help me thanks in advance..

: ---
: post all replys here!!!!!
: ---
: lepp225@delphi.com
:

I'd like these frews as well,please! Thanks.

Tom

2742. Re: Inversion Encryption

Newsgroup: rec.radio.scanner
Date: 1994-09-24 19:40:41 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <780498668@f747.n115.z1.ftn>
Source record: 268051

-=> Quoting Michael C Tiernan to All <=-

MCT> From: mtiernan@world.std.com (Michael C Tiernan)
> [...Inversion Descrabler...]
MCT> I've been very curious how you use them with a scanner, are they
MCT> simply put inline with a speaker or do you have to tap into the
MCT> audio at some point inside the scanner?

Hi, Michael...
Bascially, it is tapping the signal off the IF of the scanner and feeding the signal to a shortwave receiver. Set the frequency of the shortwave to the IF. Set the shortwave to Single side band. Tune the single side band control until the inverted signal is restored.

Jerry

2743. Re: Wanted: AOR AR1000XLT Opinions

Newsgroup: rec.radio.scanner
Date: 1994-09-24 20:30:01 UTC
From: cwalton@earthlink.net
Message-ID: <cwalton-2409941230010001@cwalton.earthlink.net>
Source record: 268302

> I have had this scanner for over two years now and love it. My only beef
> is the inability to lock out frequencies in the search mode. I take it
> everywhere with me and use it in the car. I also have an AOR 2500 and a
> Bearcat 50, but the 1000xlt is my favourite.

Press "Lock out" when it's on the freq you want to lock out.

2744. Antenna Dilema

Newsgroup: rec.radio.scanner
Date: 1994-09-24 20:48:13 UTC
From: starin@netcom.com
Message-ID: <starinCwnJ4E.JGq@netcom.com>
Source record: 268304

I'm wondering if anyone has any experience with the Max 800 antenna advertised in Monitoring Times. Does it really perform well? And would I be creating a problem if I mount the base version of that antenna on a mast which already is topped off with a Radio Shack Ground Plane antenna, the big one, number 20-014? I can place the two antenna far apart, well, several feet, anyway. I'd put the Max 800 below the top of the mast several feet.

Any ideas, suggestions, recommendations appreciated.

Thanks.

Jeffrey
{New York}
--
Jeffrey
{New York}

2745. Re: A funny thing happened at Rat Shack ...

Newsgroup: rec.radio.scanner
Date: 1994-09-24 21:09:04 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep24.160904.2949@hnrc.tufts.edu>
Source record: 268303

In article <CwMzEH.JrK@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley) writes:

> Are you requesting discussion on the merits of creating a new
> group "rec.radio.shack"? If so, you need to copy your message
> to the appropriate config discussion group :(
>
> Personally, I'd like to see it as rec.radio.shack.idiots or
> rec.radio.shack.droids... :(:(
>
> They earn every bashing they get, every chance the have!
>

No! I am not volunteering! But I think the proper name would be
alt.fan.radio-shack

2746. BC200XLT Recieve

Newsgroup: rec.radio.scanner
Date: 1994-09-24 22:41:59 UTC
From: colt@usr1.primenet.com
Message-ID: <3629vn$odp@news.primenet.com>
Source record: 268305

My 200xlt, after having the antenna re-soldered inside the case, does not pick up anything like it used to. The transmission has to be close (Within 2 miles) to be heard and then it's fuzzy. Everything looks in place, but I am not a technician. I can't even pick up cellular anymore, although it scans the freqs.....Any suggestions? The technicians cost too much and Uniden won't fix it with mods.....

(colt@primenet.com)

Paul

2747. I want to sell a pro 43

Newsgroup: rec.radio.scanner
Date: 1994-09-24 22:54:40 UTC
From: vhealey@crl.com
Message-ID: <vhealey.33.0016E9F0@crl.com>
Source record: 268321

What should I ask as a fair price for the pro43?
8 months old, some scratchs, clip broke (again).
Works fine.

Vic
vhealey@crl.com

2748. Re: RECALLED SCANNERS AT SHACK

Newsgroup: rec.radio.scanner
Date: 1994-09-24 23:50:27 UTC
From: steven@sgb.oau.org
Message-ID: <CwnrK5.7I6@sgb.oau.org>
Source record: 268312

jeff anderson (jpa@pacifier.com) wrote:

: Well As far aas I know and I am a manager at a Local Radio Shack, The
: radio's were recalled because the Mods were available, the reason they
: were pulled is that the Radios were MAnufactured after the Date set by
: the FCC which said a modifiable scanner was no longer to be made. If
: you have one of those scanners they can't do anything about it, period
: end of conversation! In Repair or not, yes they might possibly replace
: a missing or clipped diode, though if you sent it in under warranty, you
: deserve to have it repaired and the whole thing billed to you.

Sooo, Jeff:

What you are saying is as quick as we can keep figuring ways to
mod the new scanners (ie PROM change, patches, jumpers, replacement
of components, boards, etc), Radio Shack is bound by some contract
with the FCC to pull the scanners off the sales shelf everytime
this occurs, correct?

Well electronic geniuses, we really need to keep D' Shack on it's
toes don't we... so let's figure a way to mod that new 1000 channel
base unit and make it go back into moth balls too! I mean as big
as Tandy is, they appear to have a LOUSY legal department. I would
have thought a business of that size to have had an attorney on
staff, who would be experienced. First it was the Police Calls in
New Jersey, now it's the "if the scanner can be modified, no matter
how hard it is, we will take it off the market" approach.

Personally, if the Rat Shack is not willing to fight it, perhaps they
might as well go out of the scanner business right now and start
selling stereos and tvs (ooops, be careful there, I forgot about the
UHF TV band!).

Steven
--
Steven G. Bradley | Internet: steven@sgb.oau.org
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---------------------------------------+----------------------------------
Home: 407/862-7226 | CompuServe: 73232,505
Work: 407/578-8007 ext 1196 | America Online: sgbradley

2749. New to scanning - have a few questions.

Newsgroup: rec.radio.scanner
Date: 1994-09-24 23:51:03 UTC
From: wchsnews@aol.com
Message-ID: <362e17$q3c@newsbf01.news.aol.com>
Source record: 268306

The other day I started playing with one of the scanners at work (actually, I was trying to get the cheese out from around the keypad) and stopped it's scanning routine, which has been uninterrupted in the year I've worked for the company. In my efforts to start it again, I pushed an arrow key and found myself listening to other people's voice pagers.
As has been stated in other people's posts, I was "hooked."
So, I decided to dive into the hobby, but only into the shallow end of the pool. Picked up a Radio Shack Pro-50 to see what the hoo-ha is about, and I'm very pleased, and so was my wallet.
The point is, I want to know if there are any modifications for the Pro-50. I see many for the '43 and a few for the '51. It has the leading "A" on the FCC ID, and if the rumors hold up, is unable to pick up cellular calls. However, I would like to restore the missing parts of the bandscan, like the aircraft frequencies. Any ideas? I intend to open the thing up tonight and take a look for things I've read about in the '43 modification documents. If you can think of something specific I should look for, let me know.

Wayne Lorentz
MetroNews Radio and Television Networks - Charleston bureau

2750. Beyond Police Call?

Newsgroup: rec.radio.scanner
Date: 1994-09-25 00:10:01 UTC
From: shawn4sk1@aol.com
Message-ID: <362f4p$qal@newsbf01.news.aol.com>
Source record: 268307

Anyone seeing the Beyond Police Call books in RS lately? I wanted one but heard they ran out awhile back... Also, if someone already has one, I heard there's just a Volume 1 which covers Nationwide- how many pages/listings are there for Springfield, MO? I'd imagine I'll be disappointed w/my city's list anyway...

soliver@ozarks.sgcl.lib.mo.us

2751. Bad reception near a computer?

Newsgroup: rec.radio.scanner
Date: 1994-09-25 00:14:01 UTC
From: shawn4sk1@aol.com
Message-ID: <362fc9$qc3@newsbf01.news.aol.com>
Source record: 268308

I occasionally hear harddrive/monitor hum & other noises on certain freqs b/c my scanner is only 10 inches away from my monitor and about 3 feet from my CPU. It's not noticable on most freqs and certainly not bothering me enough to feel a need to move it- EXCEPT, I was thinking today- I have an All-band antenna pulling in the signal- will having the scanner up next to my computer have any effect on the scanner's reception... In other words, will it pick up less, more, or about the same signal as it would placed away from my computer...?

Thanks In Advance!

soliver@ozarks.sgcl.lib.mo.us

2752. Signal Amps??

Newsgroup: rec.radio.scanner
Date: 1994-09-25 00:16:05 UTC
From: shawn4sk1@aol.com
Message-ID: <362fg5$qdj@newsbf01.news.aol.com>
Source record: 268309

I asked awhile back about people's experiences/opinions of signal amps/boosters. I only had a few postings but none that discussed experiences or models/prices or anything. I really am considering buying one IF it will improve my situation. I have an All-band antenna and a PRO-2006.

Thanks In Advance!

soliver@ozarks.sgcl.lib.mo.us

do not mail anything to: shawn4sk1@aol.com
:-)

2753. Re: ***HAVE YOU HAD PROBLEMS WITH R.SHACK STAFF***???

Newsgroup: rec.radio.scanner
Date: 1994-09-25 00:16:09 UTC
From: tjarey@aol.com
Message-ID: <362fg9$qdp@newsbf01.news.aol.com>
Source record: 268310

In article <Cw4xL2.KzA@crash.cts.com>, blade@crash.cts.com (Robert Sweeton) writes:

I only go into radio shacks when I have absoluely no other choice, Since they have wimpped out with their new scanners, I no longer have a need to darken their doorsteps. I can get all the parts I need from Mouser Electronics.

2754. Re: FS PRO-34 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-25 00:20:56 UTC
From: warrenb@netcom.com
Message-ID: <warrenbCwnsyw.D2F@netcom.com>
Source record: 268311

For what it's worth, about four months ago I found a *cellular-modded* 34 in *excellent* condition for a friend for *$75*! Thus, I am in concurrence with the comment that $229 is rather unrealistic...to say the least.

Warren Brown in Fremont, CA

2755. Pro-2006 interface?

Newsgroup: rec.radio.scanner
Date: 1994-09-25 01:01:11 UTC
From: mcdowelm@ios.com
Message-ID: <362i4n$35n@ankh.iia.org>
Source record: 268314

I've heard of a posible interface for the Pro-2006 and a Computer,
is there such a thing? Please send E-Mail to let me know.

Thank You, Mike ... :-)
mcdowelm@ios.com

2756. Legality of recording scanner output?

Newsgroup: rec.radio.scanner
Date: 1994-09-25 01:06:53 UTC
From: dwatt@unixg.ubc.ca
Message-ID: <362ifd$knk@nnrp.ucs.ubc.ca>
Source record: 268313
Cross-posted to: alt.radio.scanner,rec.radio.scanner

One of the people I know with a scanner (actually, the only other person I know with a scanner), recently bought a mini-tape recorder with VOX (VAS or whatever else it's called) in order to record the cordless phones in his neighborhood while he's away. After a brief discussion (all of 2 seconds) we concluded that neither of us knew the laws related to this practice; that is, beyond the fact that we "can't tell others what we heard." I understand that different laws likely exist in different regions, but does anyone care to share what the laws are in that area? Much appreciated...

Cheers, Dave

2757. Re: PRO-37

Newsgroup: rec.radio.scanner
Date: 1994-09-25 01:11:00 UTC
From: randy.true@cccbbs.cincinnati.oh.us
Message-ID: <4891.573.uupcb@cccbbs.cincinnati.oh.us>
Source record: 268235

-=> Quoting Randy Deforest to All <=-

RD> Does anyone hve any experience with the RS PRO-37?

RD> Is it a good unit?
RD> Are there any mods for it? - I looked in oak.oakland.edu and got the
RD> 800 mods, I was wondering if that was all.

Randy,
Huh? What? Oh!
The Pro-37 and its slow twin brother; Pro-34, are both good workhorse scanners. Short of hooking one up to Bill Cheeks CE-232 interfaces, that's about it.

Randy

... Benchresters do it in a group!
___ Blue Wave/QWK v2.12

2758. Re: Bad reception near a computer?

Newsgroup: rec.radio.scanner
Date: 1994-09-25 02:40:03 UTC
From: smacken@aol.com
Message-ID: <362nu3$sp0@newsbf01.news.aol.com>
Source record: 268318

The majority of the interference from the computer and other electronics around the house usually make it directly into the radio itself because of the plactic enclosure.

Assuming you are already using an external antenna, the only fix will be to move the scanner or redress the computer cables a bit.

If you are currently using the built in antenna, you well see a dramatic improvement with an external antenna because of the distance from the source AND the improved signal capture ability.

Note however that broadband noise will still be able to enter the radio directly. But obviously not like it does with the antenna close to the computer too.

As an experiment, try removing the built in antenna (unscrew it) and see if the computer noise goes away. If it does, an external antenna some distance away will be fine too.

steve

2759. Re: A funny thing happened at Rat Shack ...

Newsgroup: rec.radio.scanner
Date: 1994-09-25 02:41:37 UTC
From: g9153402@huey.csun.edu
Message-ID: <362o11$dch@nic-nac.CSU.net>
Source record: 268316

I see lots of Radio Shack bashing here. They aren't that bad. OK, the salesmen/saleswomen may not know all their products. But just think about it for a second. Radio Shack carries THOUSANDS of products, with quite a bit of that stocked right in their stores. I doubt there are many people out there who would know the ins and outs of every product they sell. I sure don't. I may know a lot about their computers or radios, but may need some help with their video gear. So I agree. The salespeople don't know all their products, and I'm aware of that. I also know, that if I'm going to buy a new electronic gadget, I should know at least something about it. Any buyer should. This holds true if I buy it at Radio Shack, or buy it somewhere else. So whatever people say about Radio Shack, I still will shop there. It may not be the best place in the world, but they often do have sales on selected items I may want, and often have items that I would find hard to find anywhere else...

2760. Re: Legality of recording scanner output?

Newsgroup: rec.radio.scanner
Date: 1994-09-25 02:45:04 UTC
From: smacken@aol.com
Message-ID: <362o7g$sr2@newsbf01.news.aol.com>
Source record: 268319

The laws are pretty much the same everywhere reguarding receiving cordless phones and any other public service frequency.

You can do about anything that you want (but you cant use the onfo for personal gain or in fact even tell others what you have heard)
S you can record, transcribe or anything else.

Now then there are the cell phones which of course you cant even hear at all right ??!!..... :-)

steve

2761. Re: Allocation of RF spectrum?

Newsgroup: rec.radio.scanner
Date: 1994-09-25 02:47:37 UTC
From: g9153402@huey.csun.edu
Message-ID: <362oc9$dch@nic-nac.CSU.net>
Source record: 268317

Mik T. (mt@indirect.com) wrote:
> Can somebody point me to a table (map) of the FCC's allocation of the
> RF spectrum by type? (i.e. radio, TV, police band, aviation, military, etc.)
> Thanks much in advance.

> Mik T. (mt@indirect.com)

By the magazine called RADIO! at Radio Shack. It comes out quarterly,
and is only $1.95. Lots of basic info about radio in it, along with
some info on products they sell. In it should be a general table of
where stuff is in the radio spectrum. It's on page 53 of the Spring
issue, which is the last issue I have, but is a bit too lengthy for
me to type here.

2762. Re: Beyond Police Call?

Newsgroup: rec.radio.scanner
Date: 1994-09-25 02:54:48 UTC
From: g9153402@huey.csun.edu
Message-ID: <362opo$dch@nic-nac.CSU.net>
Source record: 268320

Shawn4sk1 (shawn4sk1@aol.com) wrote:
> Anyone seeing the Beyond Police Call books in RS lately? I wanted one but
> heard they ran out awhile back... Also, if someone already has one, I
> heard there's just a Volume 1 which covers Nationwide- how many
> pages/listings are there for Springfield, MO? I'd imagine I'll be
> disappointed w/my city's list anyway...
> soliver@ozarks.sgcl.lib.mo.us

They advertise that book, and have it in their 1995 catalog, but I have
yet to find a Radio Shack in my area that stocks it. I guess I'll
have to have one order it for me, or call 1-800-THE-SHACK, starting
Oct. 1st, which allows phone-in mail orders.

2763. Re: RECALLED SCANNERS AT SHACK

Newsgroup: rec.radio.scanner
Date: 1994-09-25 03:15:30 UTC
From: jpa@pacifier.com
Message-ID: <362q0i$h8v@news.pacifier.com>
Source record: 268322

In article <CwnrK5.7I6@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley)
says:

>
> What you are saying is as quick as we can keep figuring ways to
> mod the new scanners (ie PROM change, patches, jumpers,
replacement
> of components, boards, etc), Radio Shack is bound by some
contract
> with the FCC to pull the scanners off the sales shelf everytime
> this occurs, correct?
No That is not what I am saying at all. The Scanners in Question, were
manufactured with a very simple Mod built into them, that was 1 easy to
access, and 2 built after a specific date and SHIPPED, this was A No-No.
So Instead of risking fines and other legalities by the FCC they pulled
the scanners off of the shelves. And yes they are bound by some contract
to follow the rules of the FCC, otherwise they would not be allowed to
sellany of these products.
For example, if you are a HAM radio operator do you have a license? If
you answered YES, why? Is it because the FCC says so? Your damn right it
is. It's part of the rules you agreed to follow to be able to use the
products. Why do the HAM radios have limits on them? Because it is FCC
mandates. Also why are Linear RAdios illegal? Hmm Tough question it isn't
because people didn't want to use them? Try FCC rules and regs on
transmitter strength... Try looking at the legal side from a retailers
point of view instead of some lame consumer who thinks scanners fall
under the freedom of information act instead of the right to privacy act.

Jeff Anderson
jpa@pacifier.com

> Well electronic geniuses, we really need to keep D' Shack on
it's
> toes don't we... so let's figure a way to mod that new 1000
channel
> base unit and make it go back into moth balls too! I mean as
big
> as Tandy is, they appear to have a LOUSY legal department. I
would
> have thought a business of that size to have had an attorney on
> staff, who would be experienced. First it was the Police Calls
in
> New Jersey, now it's the "if the scanner can be modified, no
matter
> how hard it is, we will take it off the market" approach.

>
> Personally, if the Rat Shack is not willing to fight it, perhaps
they
> might as well go out of the scanner business right now and start
> selling stereos and tvs (ooops, be careful there, I forgot about
the
> UHF TV band!).
>
>Steven
>--
>Steven G. Bradley | Internet:
steven@sgb.oau.org
>Forest City, Florida, USA |
steven@gate.net
>---------------------------------------+-------------------------------
----
>Home: 407/862-7226 | CompuServe: 73232,505
>Work: 407/578-8007 ext 1196 | America Online: sgbradley

2764. Re: PRO2026 intermod - need help

Newsgroup: rec.radio.scanner
Date: 1994-09-25 03:47:31 UTC
From: DPalmer@ix.netcom.com
Message-ID: <362rsj$i6m@ixnews1.ix.netcom.com>
Source record: 268324

In <35v1gn$s4k@newsbf01.news.aol.com> jeffpmil@aol.com (JeffPMil) writes:

>
>Grind/Groan the UHF paging is killing my 462 listening.
>
>Any antenna de-coupling ideas, suggestions? Help.
>Public/private ok
>
>Be seeing you,
>No. 6
>
I use a 2026 in my company vehicle. I use a mag-mount antenna, and I also have homemade 15" whip mounted inside, on the "cage" that seperates the cab of the van and the cargo area. I use a cable A/B switch to switch to the inside antenna when driving in the shadow of Mt. Pagertone. Though there are some pagers that wipe out the 425.000 area, even with the inside antenna, a cause for NOT mounting an external speaker right behind the driver's seat.

No. 46
--

David Palmer DPalmer@ix.netcom.com
...I searched the world over for my angel in black....

2765. Give Me A Break!-Mission Acomplished

Newsgroup: rec.radio.scanner
Date: 1994-09-25 03:56:07 UTC
From: laser121@aol.com
Message-ID: <362scn$n4@newsbf01.news.aol.com>
Source record: 268323

I appreciate all the responses to my plea for the straight scoop on a Pro-39 mods. I am happy to report mission accomplished.

Thanks- John

2766. Re: RECALLED SCANNERS AT SHACK

Newsgroup: rec.radio.scanner
Date: 1994-09-25 04:41:07 UTC
From: laser121@aol.com
Message-ID: <362v13$19a@newsbf01.news.aol.com>
Source record: 268226

\In article <362q0i$h8v@news.pacifier.com>, jpa@pacifier.com (jeff
\anderson) writes:

\Try looking at the legal side from a retailers
\point of view instead of some lame consumer who thinks scanners fall
\under the freedom of information act instead of the right to privacy act.

Jeff,

It's quite obvious that you're a "manager" at Radio Shack judging by your comment that consumers who buy from Radio Shack (and help pay your salary) are "lame". Your attitude is a typical Radio Shack company man attitude (ever heard of a lemming). It's also obvious that Radio Shack employees are not hired for their technical abilities but on how much they can BS the customers into buying at overinflated prices. It's a real insult to those of us who have spent years in the technical field (22 to be exact for me) to have someone who is supposed to know what we are talking give us a cock and bull story and ask us to buy it. What bothers me is what about the poor unsuspecting general public that Radio Shack has made untold millions of dollars on because "technical" sales person sold them something they didn't need? And don't tell me it doesn't happen , because it does everytime I go into Radio Shack.

Does "You've got questions, we've got answers" sound familiar? Well I got a question! When is Radio Shack going to stop trying to BS people with how much they know and start trying to treat customers with respect? Thank God some of us are of sound enough mind to question what our government does and not follow every beck and call that same government puts out just because they said it. Maybe you're not old enough to remember the lesson our government taught us with Viet Nam, but I am. I lost a lot of good friends over there because some "lame" politician told us we had to do it and we lost anyway. And for what? So some lame Radio Shack manager could spout the official government/Radio Shack propaganda line? Not if I have anything to say about it.

Put that in your government/Radio Shack approved pipe and smoke it! You can smoke without permission can't you??

2767. PRO-43 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-09-25 04:49:40 UTC
From: pbputt@indirect.com
Message-ID: <362vh4$rn3@herald.indirect.com>
Source record: 268225

I have an almost (4 months) new PRO-43 for sale.

Comes with 12vdc auto adapter 120vac power supply, and approximately 30 minutes of personal labor that I put into the unit(sic).

This will be a bargain at $300.00. I'll even pay for second day air shipping (in the 48 states...).

Please DO NOT respond here.... Send me EMAIL at pbputt@indirect.com.
First Come - First Serve!

--
Peter B. Putterman | Space Available.....
Information Systems, |
Town of Fountain Hills, AZ |

2768. Re: A funny thing happened at Rat Shack ...

Newsgroup: rec.radio.scanner
Date: 1994-09-25 04:52:03 UTC
From: laser121@aol.com
Message-ID: <362vlj$1fh@newsbf01.news.aol.com>
Source record: 268227

>In article <362o11$dch@nic-nac.CSU.net>, g9153402@huey.csun.edu (Berton
>Corson) writes:

>I see lots of Radio Shack bashing here. They aren't that bad. OK,
>the salesmen/saleswomen may not know all their products. But just
>think about it for a second. Radio Shack carries THOUSANDS of
>products, with quite a bit of that stocked right in their stores.

Then why do they advertise "You've got questions, we've got answers" ?
Maybe they should concentrate more on trying to give customers what they
really need instead of trying to sell them what the sales people need to
meet their sales quota.

2769. Re: Legality of recording scanner output?

Newsgroup: rec.radio.scanner
Date: 1994-09-25 05:00:32 UTC
From: dwatt@unixg.ubc.ca
Message-ID: <36305g$lbq@nnrp.ucs.ubc.ca>
Source record: 268231

SMacken (smacken@aol.com) wrote:

: You can do about anything that you want (but you cant use the onfo for
: personal gain or in fact even tell others what you have heard)
: S you can record, transcribe or anything else.

Hmmm... I guess my next question is: Can I pass this recorded information on to someone else? I mean, I'm not actually "telling" them what I heard. Perhaps if I 'accidentally' left the unmarked tape in their car...

Cheers, Dave

2770. Re: Legality of recording scanner output?

Newsgroup: rec.radio.scanner
Date: 1994-09-25 05:14:03 UTC
From: davidm@iglou.com
Message-ID: <RSGXkK7gXPHR071yn@iglou.com>
Source record: 268233
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <362ifd$knk@nnrp.ucs.ubc.ca>, dwatt@unixg.ubc.ca (David Watt) wrote:

> One of the people I know with a scanner (actually, the only other
> person I know with a scanner), recently bought a mini-tape recorder with
> VOX (VAS or whatever else it's called) in order to record the cordless
> phones in his neighborhood while he's away. After a brief discussion (all
> of 2 seconds) we concluded that neither of us knew the laws related to
> this practice; that is, beyond the fact that we "can't tell others what we
> heard." I understand that different laws likely exist in different
> regions, but does anyone care to share what the laws are in that area?
> Much appreciated...

Generally, its okay everywhere in the USA to record from the scanner so long as it is for your own personal use and you don't play the tape for others (unless everyone was sitting around listening to an incident while it was being recorded, and then that same group listens to the tape...that's okay, because everyone heard the same stuff, so you're not "divulging information"). The only exceptions that I know of are you can't record cellular phone calls, because the ECPA of 1986 makes it illegal for you to be listening to them in the first place, likewise for most pager calls. In addition to that, I imagine that in New York, California, and New Jersey (and probably by now a few other states too) it would be illegal to record cordless phone calls, because those states have laws that make it illegal for you to be monitoring cordless phones at all.

Also, I don't think you can use the information you have on the tapes for monitary gain.

And everyone please note this. In the words of Star Trek's Doctor McCoy, "Dammit Jim, I'm a computer programmer who just happens to have a few scanners going all the time, not an attorney!" so take what I said above the same way you would take a janitor telling you how to clean the engines on a space shuttle. Its correct as far as I know, but I offer no guarentees.

David KD4RMW
davidm@iglou.com

2771. CE-232 and Scripts

Newsgroup: rec.radio.scanner
Date: 1994-09-25 05:26:44 UTC
From: starin@netcom.com
Message-ID: <starinCwo74L.Ft1@netcom.com>
Source record: 268229

[Article crossposted from alt.radio.scanner]
[Author was Jeffrey Starin]
[Posted on Sun, 25 Sep 1994 05:16:24 GMT]

I have just constructed the CE-232 computer interface and find it pretty good overall. However, I have a couple of questions and thought maybe someone in this group may be able to help me out. Specifically, I keep seeing references within the user-contributed scripts available for use with the CE-232 on the Hertzian BBS about versions of the software greater than 1.0. Does anyone out there have such an animal? I also see references to a command - bank - which is supposed to turn on and off various banks on the 2006. It doesn't seem to work on my setup. And would anyone know of a script which would scan or search and log hits to the reject file or memory or somewhere, and on subsequent passes not log that frequency again, over and over? It seems to defeat the purpose if you keep getting the same frequencies piling up and have no way of stopping the size of your file from growing larger all the time.

Well, that's it - write to me here or privately with any suggestions or comments. And write to me if you are considering buying this device and would like some honest opinions about its performance.

I happen to test software for a living, and well, have to admit that I am impressed with the performance overall, but there is certainly room for improvement.

Jeffrey
{New York}
--
Jeffrey
{New York}
--
Jeffrey
{New York}

2772. Get them while they last!!

Newsgroup: rec.radio.scanner
Date: 1994-09-25 05:30:53 UTC
From: chrismok@netcom.com
Message-ID: <chrismokCwo7BH.JxL@netcom.com>
Source record: 268230

Get them while they last!!! Don't buy any RS scanners, why modify when
you can buy a better radio that you don't have to modify!! I recently
purchased a Uniden Bearcat Sportcat. The instructions informed me
that my radio would not receive cellular phone frequencies.
However, while playing with the search function I discovered the radio
covers the entire 800Mhz band!!! 806.0000-956.0000 narrowband, which of
course includes the cellular phone freqs. I purchased it at Service
Merchandise in NH 9/22/94 for 197 bucks. It's a great radio!!!
Obviously either the mfg or the FCC has made a gross error, so get them
before they catch on to their little mistake. Have FUN!!

Chris Leonardos El Cerrito, CA

2773. Freq FTP sites?

Newsgroup: rec.radio.scanner
Date: 1994-09-25 06:37:03 UTC
From: Tim <tmfreeman@delphi.com>
Message-ID: <ZW62I8n.tmfreeman@delphi.com>
Source record: 268228

'Lo everyone, I'm new to the group ...

Anyhow, I'm looking for good FTP sites for scanner freqs, has anyone had any gppd exps with this ...

I'm especially looking for lists within the MD/DC area ...

Thanks,
-Tim
tmfreeman@delphi.com

2774. Re: A funny thing happened at Rat Shack ...

Newsgroup: rec.radio.scanner
Date: 1994-09-25 07:03:42 UTC
From: agardk@iia.org
Message-ID: <zv9Xke-O3NFG071yn@iia.org>
Source record: 268232

In article <1994Sep24.160904.2949@hnrc.tufts.edu>,
jerry@hnrc.tufts.edu (Jerry Dallal) wrote:
>In article <CwMzEH.JrK@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley) writes:

>> Personally, I'd like to see it as rec.radio.shack.idiots or
>> rec.radio.shack.droids... :(:(
>>
>> They earn every bashing they get, every chance the have!
>>
>
>No! I am not volunteering! But I think the proper name would be
>alt.fan.radio-shack

Actually, alt.fan.radio-shack.NOT! would be more appropriate!

++
Kevin M. Agard, BS, EMT-P Hoboken, NJ
++
Director | Senior Clinical Instructor
Emergency Medical Training Associates| Hudson County EMS Training Center
agardk@iia.org | 71035.2365@compuserve.com
kevin.agard@runningb.com | Fido: 1:2604/511.1 RIME: ->3
==

2775. Re: Legality of recording scanner output?

Newsgroup: rec.radio.scanner
Date: 1994-09-25 07:51:37 UTC
From: davidm@iglou.com
Message-ID: <9mIXkK7gXfN6071yn@iglou.com>
Source record: 268234

In article <36305g$lbq@nnrp.ucs.ubc.ca>, dwatt@unixg.ubc.ca (David Watt) wrote:

> Hmmm... I guess my next question is: Can I pass this recorded information
> on to someone else? I mean, I'm not actually "telling" them what I heard.
> Perhaps if I 'accidentally' left the unmarked tape in their car...

The laws don't use the word "tell" or any of its variations. They usually
use "divulge" which covers any way you care to come up with to distribute the
information.

David KD4RMW
davidm@iglou.com

2776. Undiscovered 2006 mod

Newsgroup: rec.radio.scanner
Date: 1994-09-25 08:47:16 UTC
From: Gill.Bates
Message-ID: <Gill.Bates-2509940444400001@firefly-slip.voicenet.com>
Source record: 268236

I've found that if you clip the wires that feed the internal speaker,
it does wonders for the squelch. I've not noticed any static on
any freq since I've done this.

However, I've not been getting any "hits" lately. Could it be related?

:D

2777. Re: A funny thing happened at Rat Shack ...

Newsgroup: rec.radio.scanner
Date: 1994-09-25 08:50:39 UTC
From: Gill.Bates
Message-ID: <Gill.Bates-2509940448020001@firefly-slip.voicenet.com>
Source record: 268237

In article <35ojnf$6p0@herald.indirect.com>, dooman@indirect.com (Randy DeForest) writes:

> > I went to my local Rat Shack to buy a Motorola to BNC adapter and opend a

^^^^^^^^^^^^^^^^^^

> > conversation with the geek at the counter.

Who's the real moron? The guy who leaks signal from a spurious adapter, or the employee who could care less, and sells it to him anyway?

Gill Bates

2778. Re: Carter's Haiti negotiations intercepted vi

Newsgroup: rec.radio.scanner
Date: 1994-09-25 10:25:09 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9409251025.0ENAD00@chrysalis.org>
Source record: 268247

What this SWLer did is technically illegal to begin with. Any communications intercepted by him, not intended for him, is illegal to divulge to a third party from my understanding. And also, I believe this sort of communications could come under the protection of the ECPA in that it is a communication not intended for the general public to hear. I think this SWLer is in bigtime trouble if that CNN guy ever discloses his source. Someone offer up some opinions on this. 73.

Brian Oakley A.R.S WB5KXW Ft. Worth, TX brian.oakley@chrysalis.org

2779. Re: Legality of recording scanner output?

Newsgroup: rec.radio.scanner
Date: 1994-09-25 10:29:27 UTC
From: nbschee@mailserv.nbnet.nb.ca
Message-ID: <nbschee.136.000A7E01@mailserv.nbnet.nb.ca>
Source record: 268241

In article <36305g$lbq@nnrp.ucs.ubc.ca> dwatt@unixg.ubc.ca (David Watt) writes:

>SMacken (smacken@aol.com) wrote:

>: You can do about anything that you want (but you cant use the onfo for
>: personal gain or in fact even tell others what you have heard)
>: So you can record, transcribe or anything else.

>Hmmm... I guess my next question is: Can I pass this recorded information
>on to someone else? I mean, I'm not actually "telling" them what I heard.
>Perhaps if I 'accidentally' left the unmarked tape in their car...

Wonder how a judge would see it.

From: nbschee@mailserv.nbnet.nb.ca
Saint John, NB, Canada

"He will wipe away all the tears from their eyes"

- Revelation 21:4

2780. pro-46 mod question

Newsgroup: rec.radio.scanner
Date: 1994-09-25 12:54:08 UTC
From: jwhite@rucs2.sunlab.cs.runet.edu
Message-ID: <Cworu9.Lzp@rucs2.sunlab.cs.runet.edu>
Source record: 268239

Does an "7A3" on my Pro-46 mean it can't be modified?

```
================================================================
| Joe White jwhite@rucs2.sunlab.cs.runet.edu |
| Radford University joe.white@wdn.com |
| Radford, VA (703) 633-2515 |
================================================================
--
================================================================
| Joe White jwhite@rucs2.sunlab.cs.runet.edu |
| Radford University joe.white@wdn.com |
| Radford, VA (703) 633-2515 |
```

2781. Re: Looking for input re OS456 - installing mine soon.

Newsgroup: rec.radio.scanner
Date: 1994-09-25 13:28:41 UTC
From: pickled@ix.netcom.com
Message-ID: <363tu9$2bs@ixnews1.ix.netcom.com>
Source record: 268243

In <pyz14+c.gregmason@delphi.com> Greg <gregmason@delphi.com> writes:

>
>I'm soliciting the opinions, experiences, advice of others who have done
>this mod. Post or emial... whichever youre most comfortable with...
>I've read the doccumentation. Repeatedly! I think that I've got a good
>handle on what needs to be done, but id like to know about your experiences
>Thanks!
>
I am not an electronics whiz... far from it! But I *did* manage to
install the OptoScan456 in my 2006 - and it worked the first time!
However, I spent 3 (often frustrating) hours in the process.

Before you start, make certain you have needle nosed pliers, cutters
and double sided foam adhesive mounting strips (all of which can be
found at Rat Shack).

Notes on various steps:

(2.3) Use the cutters to enlarge the hole, not a screwdriver. Otherwise
you'll likely destroy the insulation on the wires leading to the
battery clip.

(2.4) *DO NOT* remount the battery at this point. It will interfere
with removing and reinstalling the transformer. Do it as the
very last step prior to putting the covers back on.

(3.1) The instructions tell you to detach the wire braid ground, but
never tell you to reattach it! I used a screw to secure it to
its original position after performing step (3.2).

(3.4) The strips slide on by feeding them from the edge.

(5.0) You'll need the needle nosed pliers to hold the hex nut in place
while you thread the screw.

(9.1, 9.2, 9.3) You don't have much free play - it's a tight fit.

(9.4) I didn't trim the connectors and got them to fit and had no
problem getting the covers back on the unit when I was finished.

(10.2) THIS M.F.er TRULY TESTED MY PATIENCE!!! Between expletives and
deep breathing relaxation techniques, I did get the sucker in
in place.

In the final analysis, all the frustration was well worthwhile. The
Scan*Star software installed easily. If you have a modem, download
their latest version from the BBS number they provide. The software is

fast, but the features are barely adequate. I'd be tempted to upgrade to Scan*Star Pro if I could pay an upgrade price. But if you got the software with the OS456, they won't discount the Pro version. I downloaded Radio Manager (for windows), but it's slower than snail slime. I admit that I'm using an underpowered PC (386sx/20 laptop w/5 meg), but Scan*Star (DOS) runs fast. Maybe I need to tinker with the config in Radio Manager.

Anyway, good luck with your installation!

73's
Sandy
--
(Mr.) Sandy Herring | The brain: an enchanted loom |
| where millions of flashing shuttles |
pickled@ix.netcom.com | weave a dissolving pattern. |
Orange County, California | - Sir Charles Sherrington |

2782. Re: Get them while they last!!

Newsgroup: rec.radio.scanner
Date: 1994-09-25 13:38:04 UTC
From: g9153402@huey.csun.edu
Message-ID: <363ufs$e8t@nic-nac.CSU.net>
Source record: 268240

Chris Leonardos (chrismok@netcom.com) wrote:
> Get them while they last!!! Don't buy any RS scanners, why modify when
> you can buy a better radio that you don't have to modify!! I recently
> purchased a Uniden Bearcat Sportcat. The instructions informed me
> that my radio would not receive cellular phone frequencies.
> However, while playing with the search function I discovered the radio
> covers the entire 800Mhz band!!! 806.0000-956.0000 narrowband, which of
> course includes the cellular phone freqs. I purchased it at Service
> Merchandise in NH 9/22/94 for 197 bucks. It's a great radio!!!
> Obviously either the mfg or the FCC has made a gross error, so get them
> before they catch on to their little mistake. Have FUN!!

My guess is that the manufacturer didn't make a mistake. The scanner
was apparently made before April (when modifiable scanners were still
being made for sale in the U.S.). Someone probably bought your scanner,
tried it out, modified it, and then returned it to Service Merchandise
for some reason. Service Merchandise then inspected it, saw it was still
in perfect condition, and then resold it. I strongly doubt that the
people in the Service Merchandise return department know to check to
see if a scanner returned was modified, considering all the other
products they sell and have to worry about.

2783. Re: Undiscovered 2006 mod

Newsgroup: rec.radio.scanner
Date: 1994-09-25 13:44:57 UTC
From: g9153402@huey.csun.edu
Message-ID: <363usp$e8t@nic-nac.CSU.net>
Source record: 268242

Gill.Bates wrote:
> I've found that if you clip the wires that feed the internal speaker,
> it does wonders for the squelch. I've not noticed any static on
> any freq since I've done this.
> However, I've not been getting any "hits" lately. Could it be related?

You don't even have to open the scanner to achieve that result. Try cutting the electrical cord. Works equally as well. Although I don't suggest cutting it while it's plugged in with an uninsulated pair of wire cutters. :)

2784. BC-100XLT parts layout? HELP!

Newsgroup: rec.radio.scanner
Date: 1994-09-25 14:41:37 UTC
From: Dave Quick <dquick@maroon.tc.umn.edu>
Message-ID: <48439.dquick@maroon.tc.umn.edu>
Source record: 268244

I have a Uniden BC-100XLT that I want to do the "Low battery" mod on.

I have the case open, and believe I have to remove D203 & R208,
but the part numbers arn't silk-screened on the board.

Can someone tell me where the parts are? (These surface-mount parts
all look the same to me!)

Thanks

Reply to dquick@maroon.tc.umn.edu
Packet Radio: WD0EKL@WB0GDB.#STP.MN.USA.NOAM

"My hovercraft is full of eels!"
- John Cleese

2785. Scanners with a line out?

Newsgroup: rec.radio.scanner
Date: 1994-09-25 14:50:32 UTC
From: pgunn@alkali.otago.ac.nz
Message-ID: <pgunn.248.780504632@alkali.otago.ac.nz>
Source record: 268245

Can anyone give me the names of some scanners that have a line out? I'm not just after a headphone socket, I want one that only comes live when there is something being said (maybe I'm trying to say vox activated ?). With a wee relay controlling it I guess. Or names of some scanners that are easily modified to perform such a task. Hints from those that have performed such surgery would be nice.

Email replies as my news feed has packed a sad recently. (8 days no feed).

On a slightly different note, some of the services in my area are switching from AM to a Narrow FM. This would normally be a good thing, but the word on the street is that their NFM is going to be narrower than the standard NFM to fit more into the band.

Does anyone have any comments for me about listening to it apart from 'It'll be quieter than normal on rhe NFM setting on your scanner'? Are there any scanners that have a WFM, NFM, and Very NFM setting out there? The way the channels are going to be allocated has adjacent channels a long way apart geographically, so that's one worry out of the way.

Thanx in advance. Happy scanning.

```
================================================================
# PGUNN@alkali.otago.ac.nz #
# MSc (Chem) Student, University of Otago #
# Southernmost University in the World! #
================================================================
```

2786. Re: Car Equipment (advice needed)

Newsgroup: rec.radio.scanner
Date: 1994-09-25 15:34:37 UTC
From: steve@acorn.co.uk
Message-ID: <3645ad$54o@acorn.acorn.co.uk>
Source record: 268246
Cross-posted to: rec.autos.misc,rec.radio.cb,rec.radio.scanner

Zerxes Bhagalia (v064lnev@ubvms.cc.buffalo.edu) wrote:

...huge list of ticket-avoiding kit deleted...

By the time you've fitted all that to your car, the extra weight will probably prevent you exceeding the limit anyway :-)

I have a radar detector. It's great for detecting all sorts of stuff: traffic light triggers, automatic door openers at any store I drive past, and all sorts of other things I haven't identified yet. In other words it is going off all the time, yet I have never actually detected a police radar with it. Then again, they don't use them much around here. I haven't bothered to take it out of the glovebox for months.

CB can be useful for avoiding speed traps; I have received timely warnings on several occasions. If you monitor channel 19 you will hear the truck drivers passing advice on road conditions and this sometimes includes details of "smokey" activity. But it's more common to hear about accidents, roadworks and traffic jams, which is very useful. Of course, it only works well on roads that are frequented by a lot of truck drivers. It is also often very effective for asking directions in unfamiliar places.

By the way, your hoped-for 50 mile range is out of the question; a mobile CB setup is doing well if it reaches 10 miles reliably. Less if you are suffering from interference from the ignition, etc. More if you are talking to a base station rather than another mobile. Depending on how much of a fool you are prepared to look, it is possible to do a bit better by fitting an enormous antenna. But you don't really need long range for traffic checks, as they tend to be from people coming past you travelling the other way, rather than people who are currently at where you are heading.

-- Steve
--
Steve Hunt - Online Media - Cambridge, UK
steve@omi.co.uk +44 223 518563 IRC: Daff

2787. Re: Bad reception near a computer?

Newsgroup: rec.radio.scanner
Date: 1994-09-25 16:22:31 UTC
From: randall@cygnus.sunydutchess.edu
Message-ID: <364847$108r@admaix.sunydutchess.edu>
Source record: 268084

Shawn4sk1 (shawn4sk1@aol.com) wrote:
: I occasionally hear harddrive/monitor hum & other noises on certain freqs
: b/c my scanner is only 10 inches away from my monitor and about 3 feet
: from my CPU. It's not noticable on most freqs and certainly not bothering
: me enough to feel a need to move it- EXCEPT, I was thinking today- I have
: an All-band antenna pulling in the signal- will having the scanner up next
: to my computer have any effect on the scanner's reception... In other
: words, will it pick up less, more, or about the same signal as it would
: placed away from my computer...?

: Thanks In Advance!

: soliver@ozarks.sgcl.lib.mo.us

Shawn,
Move the scanner. I had my shortwave near my computer and inter-
ferance is even WORSE with it. When trying to hear shuttle comms on the
scanner I noticed when my computer was on I heard nothing until shutting off
the computer. I use a long wire on my sshortwave canner(oops) which runs about
25 feet
outside and it didn't matter.

Tom

2788. Re: Carter's Haiti negotiations intercepted vi

Newsgroup: rec.radio.scanner
Date: 1994-09-25 18:26:05 UTC
From: rossl40555@aol.com
Message-ID: <364fbt$bvv@newsbf01.news.aol.com>
Source record: 268248

In article <9409251025.0ENAD00@chrysalis.org>, brian.oakley@chrysalis.org writes:

Too bad whoever tipped off CNN just didn't keep their mouth shut. Disclosures like this will only make it harder in the future to receive such open conversations on the SAM frequencies.

2789. Re: pro-46 mod question

Newsgroup: rec.radio.scanner
Date: 1994-09-25 18:32:04 UTC
From: sds910@aol.com
Message-ID: <364fn4$c3j@newsbf01.news.aol.com>
Source record: 268249

In article <Cworu9.Lzp@rucs2.sunlab.cs.runet.edu>,
jwhite@rucs2.sunlab.cs.runet.edu (Joe White) writes:

> Does an "7A3" on my Pro-46 mean it can't be modified?

My PRO-46 has a "7A3" on the back. It was easily modified according to
the standard mod posted elsewhere and everywhere. Have a ball!

Steve

2790. Bearcat Scanners

Newsgroup: rec.radio.scanner
Date: 1994-09-25 19:02:59 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <780502436@f747.n115.z1.ftn>
Source record: 268050

-=> Quoting mxs5837@ritvax.isc.rit.edu to All <=-

mx> I posted this note a few minutes ago, but crashed when I sent it, so
mx> if this is a duplicate, just ignore this. Anyways, I have a BC210,
mx> BC250 and a BC210XLT. The BC210 no longer retains frequencies in its
mx> memory. At least I think thats what the problem is. The BC250 is *very*
mx> old but works like a charm. However, it doesn't receive the airline
mx> frequencies. The BC210XLT works great but I think I need an outside
mx> antenna for better reception. Is there an inexpensive antenna that I
mx> could buy that would pick up airport transmissions better. I live
mx> around 10 miles from our airport and can barely hear the control tower
mx> side of the transmissions. Can the BC250 be modified to receive
mx> aircraft frequencies? Is the BC210 salvagable??

Hi, Mike...Sounds like the reason the 210 won't hold memory anymore is a
battery that is dead. The 210 I have here uses a 323 watch battery. Later
210 productions put the battery on the back panel of the unit. The older
ones (which is what I have) requires you to disassemble the unit to get at
the battery. It is in the center of the motherboard with a metal clip
around it. Replace the battery will solve your 210's amnesia.

Sorry, I can't help with the other 2 situations. But I do think that the
210XLT reception should be alot better. Especially if you are able to pick
up transmissions on the 210 and not the 210XLT.

Jerry

2791. Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-25 19:06:00 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <780502437@f747.n115.z1.ftn>
Source record: 268052

-=> Quoting Paul LaZar to All <=-

PL> I am looking for the cellular and cordless phone frequencies. I would
PL> appreciate any assistance with these.

Hi, Paul...
Listening to cellular phone calls is against US federal law. So the
frequencies you will want to avoid is 869-894 Mhz and 824-849 Mhz.
Cordless phones monitoring is illegal in the states of New York and
California. If you are in these 2 states, the frequencies to avoid are
between 46.61 and 46.97 Mhz. They are also scattered around the 902-928
Mhz range, usually scrambled in one form or another.

Jerry

2792. the last pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-09-25 19:44:44 UTC
From: lkf104@psu.edu
Message-ID: <lkf104.46.2E85D32B@psu.edu>
Source record: 268250

my local radio shack has its very last pro-2006 marked down to $359. is this a good buy? or can i get more for the money in another scanner, including cellular mod?

2793. Help, pro-2006.

Newsgroup: rec.radio.scanner
Date: 1994-09-25 20:10:12 UTC
From: mcdowelm@ios.com
Message-ID: <364lf4$afk@ankh.iia.org>
Source record: 268251

Well, I have a PRO-2006 and I've recently discoverd a program called Radio Manager v2.01. It say's it will work with a 2006, what kind of connection will I have to get or make?

Please help!

mcdowelm@ios.com Mike ... :-)

2794. Re: A funny thing happened at Rat Shack ...

Newsgroup: rec.radio.scanner
Date: 1994-09-25 20:30:36 UTC
From: kentfitz@minerva.cis.yale.edu
Message-ID: <364mlc$kp4@news.ycc.yale.edu>
Source record: 268252

Berton Corson (g9153402@huey.csun.edu) wrote:

: I see lots of Radio Shack bashing here. They aren't that bad. OK,
: the salesmen/saleswomen may not know all their products. But just
: think about it for a second. Radio Shack carries THOUSANDS of
: products, with quite a bit of that stocked right in their stores.

And of course, the products that they're going to concentrate on are
the big-ticket, mass-market consumer items, not the specialty stuff.

Quiz: Which of the following salespeople do you think RS would prefer:

(1) The knowledgable scanner fan or ham operator, who is always eager to
talk tech or swap freqs with fellow enthusiasts, whether or not they're
buying anything.

(2) The trained engineer, who always knows which 10 cent resistor or 2 buck
connecter the customer needs for a particular application.

(3) The quick-talking BS artist who knows jack about electronics, but has
a knack for pushing stereos, computers, and extended warrantees.

Sigh. I fear I'm growing cynical in my age ;)

--
Kent Fitzgerald kentfitz@minerva.cis.yale.edu DoD #1367

2795. bearcat 145 xl

Newsgroup: rec.radio.scanner
Date: 1994-09-25 21:33:47 UTC
From: gollum@cyberspace.net
Message-ID: <364qbr$r6v@case.cyberspace.com>
Source record: 268253

[No readable article body recovered]

2796. Re: FS PRO-34 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-25 22:29:40 UTC
From: beldar@eskimo.com
Message-ID: <CwpIFs.HuL@eskimo.com>
Source record: 268254

In article <warrenbCwnsyw.D2F@netcom.com>,
Warren Brown <warrenb@netcom.com> wrote:
>For what it's worth, about four months ago I found a *cellular-modded*
34 in
>*excellent* condition for a friend for *$75*! Thus, I am in concurrence

>with the comment that $229 is rather unrealistic...to say the least.
>
>Warren Brown in Fremont, CA

for only $75?...does this guy have any other scanners he wants to sell?
I had *no* trouble selling my 6 year old Pro-34 in ok shape for $150.
Just put an ad in your local paper saying "hear cellular" or "listen in
on your neighbors" and you will start getting calls.

2797. Re: 2 way radio programming

Newsgroup: rec.radio.scanner
Date: 1994-09-25 23:21:28 UTC
From: berling@alleg.edu
Message-ID: <3650lp$b8t@mustang.alleg.edu>
Source record: 268255

In article <35trtj$ce4@news.ycc.yale.edu> wcross1@minerva.cis.yale.edu (Wilbur Cross HS) writes:
> I was wondering if anyone had any programming software for 2 way radios
> (any brand, motorola and icom preferred). I was told that these products
> were freeware, however the cables are to be purchased through the
> respective company.
>
> This software is used for PC -> Radio programming of frequencies.
>
> Thanks ... Email me if you have any information.
>
> Thanks again...
>
> Bill
On that same thread, does anyone have information on GE products?
Email or post

Thanks in advance,

Gordon

Gordon Berlin | berling@alleg.edu |"When all else
Hershey Fire Co. | Political Science major | fails, get a
Hersheypark Security | Allegheny College | bigger hammer."
Hershey, PA | Meadville, PA |is used for PC -> Radio programming of frequencies.
>
> Thanks ... Email me if you have any information.
>
> Thanks again...
>
> Bill
On that same thread, does anyone have information on GE products?
Email or pos

2798. Re: Looking for mods for 8500?

Newsgroup: rec.radio.scanner
Date: 1994-09-25 23:47:05 UTC
From: mcias@aol.com
Message-ID: <36525p$h1n@newsbf01.news.aol.com>
Source record: 268256

In article <780352202@f747.n115.z1.ftn>, Jerry Smith
<Jerry.Smith@f747.n115.z1.nwugate.fidonet.org> writes:

>In response to can any mods be made to the BC8500.
A full page is dedicated to this in this months National Scanning & North
East Scanning news check it out. McIAS@AOL.COM

2799. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-09-25 23:52:02 UTC
From: k1lho@aol.com
Message-ID: <3652f2$h4f@newsbf01.news.aol.com>
Source record: 268257

In article <Ctt32B.7HI@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley) writes:

You cirb side practitioners are all kidding yourselves. The fact is it is ilegal to posess any equipment capable of receiving cellular traffic. Getting caught may be a different story, but then is it ok to make a silencer if you don't get caught. Just TRY IT! Congress's intent was simple, cellular calls are private, and your splitting hairs is not withing the spirit (or the letter) of the law.

2800. Re: Ham Radio and More on the Web

Newsgroup: rec.radio.scanner
Date: 1994-09-25 23:57:40 UTC
From: dbasinge@silver.ucs.indiana.edu
Message-ID: <CwpMK5.1It@usenet.ucs.indiana.edu>
Source record: 268214
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

What is the best station to listen to Ham Radio and More in the
south central Indiana area?

thanks,
mike

--
D. Michael Basinger: Not Speaking for Indiana University
dbasinge@silver.ucs.indiana.edu
dbasinge@indiana.edu (Binhex Accepted)
dbasinge@nations.ucs.indiana.edu (NeXT Mail)

2801. Re: Pro 51 availability

Newsgroup: rec.radio.scanner
Date: 1994-09-26 00:01:38 UTC
From: Jennifer Day-Elgee <elgeej@news.nbnet.nb.ca>
Message-ID: <365312$hkg@darwin.nbnet.nb.ca>
Source record: 268258

The PRO-51 is still available in Canada, but new stock has the test mode
mod removed and the Serial #'s start with an "A".
JDE.

2802. Wanted: Source for PRO-51 CASE - CANADA/U.S.

Newsgroup: rec.radio.scanner
Date: 1994-09-26 00:13:15 UTC
From: Jennifer Day-Elgee <elgeej@news.nbnet.nb.ca>
Message-ID: <3653mr$hkg@darwin.nbnet.nb.ca>
Source record: 268259

I'm looking for a case for my PR0-51 - anyone know a source in Canada or
the U.S.?
Thanks.
JDE

2803. Receiving Morse code transmissions

Newsgroup: rec.radio.scanner
Date: 1994-09-26 00:24:46 UTC
From: explorer@ripco.com
Message-ID: <CwpntB.GCM@rci.ripco.com>
Source record: 268260
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Anyone able to get hear morse code transmissions on their scanner? If you do could you tell me the freq, mode and what type of antenna that you were using.

2804. Re: A funny thing happened at Rat Shack ...

Newsgroup: rec.radio.scanner
Date: 1994-09-26 01:56:03 UTC
From: g9153402@huey.csun.edu
Message-ID: <3659nj$jnd@nic-nac.CSU.net>
Source record: 268261

Kent Fitzgerald (GD 1994) (kentfitz@minerva.cis.yale.edu) wrote:
> Berton Corson (g9153402@huey.csun.edu) wrote:

> Quiz: Which of the following salespeople do you think RS would prefer:

> (1) The knowledgable scanner fan or ham operator, who is always eager to
> talk tech or swap freqs with fellow enthusiasts, whether or not they're
> buying anything.

They may hire him/her, as long as the individual posesses some sales
ability.

> (2) The trained engineer, who always knows which 10 cent resistor or 2 buck
> connecter the customer needs for a particular application.

I doubt a highly-trained engineer would want to waste his time selling
stuff for low commissions at a Radio Shack.

> (3) The quick-talking BS artist who knows jack about electronics, but has
> a knack for pushing stereos, computers, and extended warrantees.

I have to admit, they always try to sell me the extended warranty. I
see them enter my sale in their computer/cash register, and the thing
always tells them on the screen to suggest the extra warranty, so there
is no thinking required on the part of the salesperson. A couple months
ago, I bought an item that was marked down to $49.00. They tried to
sell me a warranty on that that was about $45.00. I sort of laughed.
I mentioned I could just about buy another product for the price of
the warranty.

Anyway, whether you're buying a radio, a car, or a house, know what
you are buying and do some research first! Otherwise you may end
up buying something you later regret. You can't blame everything
on a 'sales droid'. ...Let the buyer beware..

2805. Re: the last pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-09-26 02:03:38 UTC
From: g9153402@huey.csun.edu
Message-ID: <365a5q$jnd@nic-nac.CSU.net>
Source record: 268262

lkf104@psu.edu wrote:
> my local radio shack has its very last pro-2006 marked down to $359. is
> this a good buy? or can i get more for the money in another scanner,
> including cellular mod?

That's about right. Grove Enterprises (800-438-8155) is selling their lasts also at that price, if they haven't done so already. If you want to buy a new 2006, do it now, because you'll never be able to do it again.

2806. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-09-26 02:14:14 UTC
From: g9153402@huey.csun.edu
Message-ID: <365apm$jnd@nic-nac.CSU.net>
Source record: 268263

K1LHO (k1lho@aol.com) wrote:
> In article <Ctt32B.7HI@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley)
> writes:

> You cirb side practitioners are all kidding yourselves. The fact is it is
> ilegal to posess any equipment capable of receiving cellular traffic.

Not true. It isn't illegal to posess any such equipment. In fact,
such capable equipment is still being sold! But although it isn't
illegal to posess a cellular-capable receiver (there are probably
millions of them out there in American homes) it is technically
illegal to monitor cellular calls. The latter, is a law that you
have that is next to impossible to enforce. What are the
"scanner police" going to do? Go into every American household and
watch so they don't scan the 869 - 894 mhz range? And what are the
"scanner police" to do with images of cellular telephone calls, which
often appear on cheaper scanners, even though they might not even
be cellular capable? This stuff is unenforceable. The laws that
are coming from Congress these days is enough to make me throw-up...

2807. Re: Legality of recording scanner output?

Newsgroup: rec.radio.scanner
Date: 1994-09-26 02:23:18 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <CwptAv.8vo@freenet.carleton.ca>
Source record: 268266

In a previous article, dwatt@unixg.ubc.ca (David Watt) says:

> One of the people I know with a scanner (actually, the only other
>person I know with a scanner), recently bought a mini-tape recorder with
>VOX (VAS or whatever else it's called) in order to record the cordless
>phones in his neighborhood while he's away. After a brief discussion (all
>of 2 seconds) we concluded that neither of us knew the laws related to
>this practice; that is, beyond the fact that we "can't tell others what we
>heard." I understand that different laws likely exist in different
>regions, but does anyone care to share what the laws are in that area?
>Much appreciated...

The Canadian law (Radiocommunication Act) states that (in layman terms)

- Scanners/Scanning legal anywhere in Canada

- No "OFF LIMIT" frequencies (RE: cellular freq's)

- No license required

- Do not use what you hear for personal gain.

- Do NOT tell others what you heard.

So, as long as he only plays the tape for himself, and no one else,
there should be no problem with recording the conversations.

BUT, it would be awful tempting for him to let his buddies listen if
he hears something really outrageous. But he shouldn't have many
problems. We don't have a real big problem with "scanner police" up here
:->

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

2808. Re: CE-232 and Scripts

Newsgroup: rec.radio.scanner
Date: 1994-09-26 02:33:29 UTC
From: cremer@delphi.com
Message-ID: <9409252232591.DLITE.cremer@delphi.com>
Source record: 268264

On Sun, 25 Sep 1994 Jeffrey Starin wrote:

>I have just constructed the CE-232 computer interface and find it pretty
>good overall. However, I have a couple of questions and thought maybe
>someone in this group may be able to help me out.

When did you buy your Ce-232 and from where? I got mine in August and the program has all the things you were asking about in the SCRIPT subdirectory, including searching and locking out freqs allready logged. (LOGNLOK.SCR)

You really should be perusing the Hertzian Intercept BBS to answer your questions.

2809. Re: Carter's Haiti negotiations intercep

Newsgroup: rec.radio.scanner
Date: 1994-09-26 02:33:41 UTC
From: cremer@delphi.com
Message-ID: <9409252232592.DLITE.cremer@delphi.com>
Source record: 268265

Brian Oakley A.R.S WB5KXW Ft. Worth, TX said:

>What this SWLer did is technically illegal to begin with. Any communications
>intercepted by him, not intended for him, is illegal to divulge to a third
>party from my understanding. And also, I believe this sort of communications
>could come under the protection of the ECPA in that it is a communication
>not intended for the general public to hear. I think this SWLer is in
>bigtime trouble if that CNN guy ever discloses his source. Someone offer up
>some opinions on this. 73.

It is amazing how ordinarily inteligent people can overlook the obvious.
The intercepted signals came from HAITI, a whole 'nother nation. The FCC
and/or the US Congress has no jurisdiction over radio waves in other
countrys.

2810. 800Mhz trunked

Newsgroup: rec.radio.scanner
Date: 1994-09-26 03:45:56 UTC
From: axanar@news.gate.net
Message-ID: <365g5k$p1g@inca.gate.net>
Source record: 268267
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Can anyone tell me if there is a way to decode the motorola micro-burst when the mic is keyed, like you can with the ctcss tones on the G.E. or Johnson systems? The county that I live in is shortly going to the new system and it would really put a crimp in my style :0 if I have to go thru withdrawl symtoms.
Any help would be greatly appriciated..

Thanks... Greg

2811. Secret Service Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-26 04:08:26 UTC
From: chris@pipeline.com
Message-ID: <365hfq$igr@pipe3.pipeline.com>
Source record: 268268

A while back someone posted a listing of Secret Service
frequencies.
If anybody has them, please repost. Thought they might be
interesting while Clinton is in town. Thanks.

2812. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-09-26 04:54:48 UTC
From: terence@magesinn.com
Message-ID: <17928INCRGKLXXBYQFG@magesinn.com>
Source record: 268269

That works fine for lower frequency repairs, but depending on the frequency of the signal, the ground planes and manner of routing on that umpteenth layer are almost as important as the continuity of the trace itself.

--
Sent from The Mages Inn in Omaha Ne. (402-734-4748)

2813. Re: Wanted: DTMF Decoder

Newsgroup: rec.radio.scanner
Date: 1994-09-26 04:54:49 UTC
From: terence@magesinn.com
Message-ID: <17929IXOSAPAIOLXLKM@magesinn.com>
Source record: 268270

And a lot of modem manuals have a table in the back of the DTMF frquency mixes, including ABCD

--
Sent from The Mages Inn in Omaha Ne. (402-734-4748)

2814. Re: SCA Receiver Source

Newsgroup: rec.radio.scanner
Date: 1994-09-26 05:14:01 UTC
From: scan911@aol.com
Message-ID: <365lap$mh7@newsbf01.news.aol.com>
Source record: 268271

Bruce Elving, publisher of FMedia! and the FM Atlas, sells SCA capable FM radios. Write to him at: Box 336, Esko MN 55733-0336. He'll modify a Pro-2006 for SCA, too!

Chuck
scan911@aol.com

2815. Re: Car Equipment (advice needed)

Newsgroup: rec.radio.scanner
Date: 1994-09-26 07:20:50 UTC
From: cschmidt@diralect.me.pvamu.edu
Message-ID: <365soi$2ji@news.tamu.edu>
Source record: 268272
Cross-posted to: rec.autos.misc,rec.radio.cb,rec.radio.scanner

50 miles too far..???? Come'on guys, 150+ no skip, seen it, done it,
did it..... Get a REAL "illeagal" setup and just suffer the consequences..
i.e. burnt-out ECM Computers, Totally destroyed tape deck heads, and even
a few shorts from melting power wires....

You want 50 miles, get a Work truck with a carburaetor and no
radio (amFM).. Or, be prepared to buy "REAL" 10 meter amplifier equipment..

Radar detectors, won't do you much good with all the spurious
harmonic emmisions from a "cheap" amplifier for your cb.. Might even
get interference from a stock cb radio even.. Valentine one...JUNK.
Falses like crazy...

Go read a CAR & DRIVER (<--hahaha) Magazine for RADAR detector info..

or try alt.radar.falsing or something...

Chris

"CB is FUN, but not often legally... :-)"

2816. Re: Signal Amps??

Newsgroup: rec.radio.scanner
Date: 1994-09-26 07:51:14 UTC
From: linley@netcom.com
Message-ID: <linleyCwq8HE.72w@netcom.com>
Source record: 268273

In ye olden post shawn4sk1@aol.com (Shawn4sk1) spake...
>I asked awhile back about people's experiences/opinions of signal
>amps/boosters. I only had a few postings but none that discussed
>experiences or models/prices or anything. I really am considering buying
>one IF it will improve my situation. I have an All-band antenna and a
>PRO-2006.

The problem with most wideband amps is that they amplify the noise and all those oh so lovely paging signals along with the desired signal. Thus, they are usually useless. However if you have an outdoor antenna and place the amp _right_at_ the antenna, you may get some improvment on upper VHF and UHF signals that get attenuated in your feedline. Make sure you can turn it off when listening to strong signals. Ideally, you would first filter out all but your desired band of signals, then use the amplifier. For scanners, though, it's impractical to have a filter for each band.

I too would be curious, though, to hear about anybody's experiences with two Radio Shack amps that look somewhat interesting:
(1) 10dB inline cable tv amp (covering 30-470? MHz) ~$20
(2) 20dB inline satellite amp (covering 430-1450 MHz) ~$30

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur radio: KE6EQZ

2817. Re: Carter's Haiti negotiations intercepted vi

Newsgroup: rec.radio.scanner
Date: 1994-09-26 08:04:24 UTC
From: dpalik@violet.ccit.arizona.edu
Message-ID: <1994Sep26.010424.1@violet.ccit.arizona.edu>
Source record: 268274

In article <9409251025.0ENAD00@chrysalis.org>, brian.oakley@chrysalis.org writes:
>
> What this SWLer did is technically illegal to begin with. Any communications
> intercepted by him, not intended for him, is illegal to divulge to a third
> party from my understanding. And also, I believe this sort of communications
> could come under the protection of the ECPA in that it is a communication not
> intended for the general public to hear. I think this SWLer is in bigtime
> trouble if that CNN guy ever discloses his source. Someone offer up some
> opinions on this. 73.
>
> Brian Oakley A.R.S WB5KXW Ft. Worth, TX brian.oakley@chrysalis.org

I have yet to see any positive ID of the person who first heard Carter's
conversation. He was in Hati after all, thus the monitor may have been abroad
also, and thus not subject to any U.S. laws.

2818. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-09-26 09:29:18 UTC
From: davidm@iglou.com
Message-ID: <kHfXkK7gXL1N071yn@iglou.com>
Source record: 268175

In article <3652f2$h4f@newsbf01.news.aol.com>, k1lho@aol.com (K1LHO) wrote:

> You cirb side practitioners are all kidding yourselves. The fact is it is
> ilegal to posess any equipment capable of receiving cellular traffic.
> Getting caught may be a different story, but then is it ok to make a
> silencer if you don't get caught. Just TRY IT! Congress's intent was
> simple, cellular calls are private, and your splitting hairs is not
> withing the spirit (or the letter) of the law.

Wrong answer, try again. In the United States you are violating no laws until you are actually listening to a cellular call in progress. It doesn't matter what equipment you own...it doesn't even matter what frequency is showing on your scanner. If I punch, say, 875.280 into my scanner and let it sit there, I am still not in violation of *ANY* law until an actual conversation starts. And then it doesn't matter how you are hearing the call. It can be on the actual frequency, it can be on an image, it can be changed to another frequency with a converter, you can be listening to the tape that your cousin Billy Bob made, it doesn't matter. If you are listening to a cellular call in any form, you are in violation of the ECPA of 1986.

Now, how they plan to enforce an unenforcable law like that is anyone's guess.

David KD4RMW
davidm@iglou.com

2819. Re: the last pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-09-26 11:16:58 UTC
From: sbradley@sgb.oau.org
Message-ID: <CwqI0B.MJD@sgb.oau.org>
Source record: 268176

Berton Corson (g9153402@huey.csun.edu) wrote:
: lkf104@psu.edu wrote:
: > my local radio shack has its very last pro-2006 marked down to $359. is
: > this a good buy? or can i get more for the money in another scanner,
: > including cellular mod?

: That's about right. Grove Enterprises (800-438-8155) is selling their
: lasts also at that price, if they haven't done so already. If you want
: to buy a new 2006, do it now, because you'll never be able to do it
: again.

Is there any "official" word if these were discontinued overseas
and Canada as well, also the cellular status of the new 1000 channel
unit is still to be determined for non-US market units.

To re-cap past comments, most base units in the UK can be used in
the US using a 13.8v DC converter for power and the mobile connection
for power on the scanner. Canadian units can be directly used.

While there are some who say you can't legally import them, there
is no one going to stop you either and there has not been even ONE
stopped (so far). Reasoning is possession is not illegal, and there
are reasons that go beyond the wording of the law that would be
acceptable purpose for import -- legally. They won't risk a legal
headache for customs since if I wanted one strictly to place in a
glass case on display, not use -- and the term use is the normal
intended use of the device, in this case, used as a listening device,
the purpose of display would not be in violation of any (present) law.
If they were to delay its arrival and attempt to stop it, I could sue
them for the unit AND my expenses. When done, they would have a
highly publicised and lost case which they would rather not try
their luck on.

So such comments as "you'll never be able to do it again", may be
a slightly bit overdoing it a bit, and not 100%. There is a company
in Canada which guarantees delivery of cellular capable products or
you do NOT pay, and that is in print in Monitoring Times. With the
guarantee in print, you have nothing to lose and plenty to gain.

Get out your plastic, stick your middle finger at the FCC.

If it passes my airspace, I have a right to monitor it and if it
contains any statements which would not be considered normal
acceptable broadcast material (obscene language), I should have
the right to file complaint with the FCC and have the cellular
provider's license pulled as fast as any other transmitting radio

station would, I mean these ARE transmitting devices.

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

2820. Chicago/Illinois info wanted

Newsgroup: rec.radio.scanner
Date: 1994-09-26 12:33:32 UTC
From: zimmer@wmich.edu
Message-ID: <1994Sep26.083332.21784@wmichgw>
Source record: 268177

I'll be spending several days in Chicago next month and want to take a scanner along. What's the law situation regarding scanner use and transport in Illinois? I've got my amateur license, if it makes a difference.

Posting a list of Chicago frequencies would also be greatly appreciated.

Thanks in advance, Roy

W WWW WWW MM MMM UU UUU U Roy Zimmer zimmer@wmich.edu KB8UBA
W WW WW MM MM UU UUU U Telecommunications Department
W W W W MM M M M UU UUU U Western Michigan University
W WW MM MM MM UUU UU Kalamazoo, Michigan USA

2821. Handheld radio scan mods?

Newsgroup: rec.radio.scanner
Date: 1994-09-26 12:38:17 UTC
From: zimmer@wmich.edu
Message-ID: <1994Sep26.083817.21785@wmichgw>
Source record: 268178

Slightly off-topic, but have so far not received responses regarding this in an other more appropriate group.

Having recently received my amateur license, I'm considering getting a hand held radio. At the top of my list are the Yaesu FT530 and the new Kenwood TH79. I'm very interested in knowing of mods for either of these units, in particular regarding out of band reception so that I can make it more like a scanner, at least some of the time. (I'm aware of the mod for this purpose for the Yaesu unit.)

Thanks for any help, Roy

W WWW WWW MM MMM UU UUU U Roy Zimmer zimmer@wmich.edu KB8UBA
W WW WW MM MM UU UUU U Telecommunications Department
W W W W MM M M M UU UUU U Western Michigan University
W WW MM MM MM UUU UU Kalamazoo, Michigan USA

2822. AZ Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-26 14:02:01 UTC
From: rml@asbt55.phx1.aro.allied.com
Message-ID: <366k8p$d5t@asbe05.tmpprv.allied.com>
Source record: 268181

Does anyone have any good Arizona Freq's, or know a site I can get them?

Police, Fire, Business, etc...

Thanks,

Mike Leckey, Jr. AlliedSignal Engines
rml@pelab.allied.com Phoenix, AZ
rml@asbt55.phx1.aro.allied.com (602)231-1685

2823. Re:Secret Service Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-26 14:28:15 UTC
From: jsaul@np.atinc.com
Message-ID: <199409261428.JAA12457@mail.cs.utexas.edu>
Source record: 268179

```
--========================_5016934==_
Content-Type: text/plain; charset="us-ascii"

From: chris@pipeline.com (Chris Matus)

>A while back someone posted a listing of Secret Service
>frequencies.
>If anybody has them, please repost. Thought they might be
>interesting while Clinton is in town. Thanks.

Here it is.

--========================_5016934==_
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

US Secret Service frequencies

Routine transmissions will probably be in the clear. If the President
is in town, expect transmissions to be DES encrypted (try the local
police departments and media).

166.5125 Alpha Escort and security
165.7875 Baker Field offices (nationwide)
165.3750 Charlie Field offices primary/command post (nationwide)
169.9250 Delta WHCA (White House Communications Agency)
407.850 Echo Air Force 1/2 phone patch (uplink)
415.700 Foxtrot Air Force 1/2 phone patch (downlink)
166.4000 Golf Field offices (nationwide)
165.6875 Hotel
166.1215 Hotel Presidential protection
407.925 India Presidential protection
170.0000 Juliet Camp David paging
168.7900 Lima
165.2125 Mike Former President and dignitary protection
166.7000 November
164.8875 Oscar Presidential protection (primary)
164.4000 Papa White House perimeter patrols
166.4000 Romeo
165.5150 Sierra
164.6500 Tango Presidential protection
165.0875 Uniform
164.1000 Victor
167.0250 Whiskey Paging
166.4625 X-ray Treasury common
162.6875 Yankee Air Force 1/2 phone patch (uplink)
```

171.2875 Zulu Air Force 1/2 phone patch (downlink)

415.675 Black Executive protection division
414.950 Orange Executive protection division
414.800 Blue Protective support division
415.800 Gray Protective support division
415.875 Violet Training division
414.850 Tan Foreign Mission divisions
415.975 Red Foreign Mission/Uniformed divisions
415.650 Silver Foreign Mission/Uniformed divisions
414.675 Yellow Uniformed division
414.850 Brown Uniformed division
418.350 Gray Uniformed division
418.775 Orange Uniformed division
414.675 Yellow Uniformed/Technical security divisions
419.725 Green Technical security division

408.000 RF Alarm F1 (Technical security division)
411.000 RF Alarm F2 (Technical security division)
408.500 Tracker F1/F3 (Technical security division)
408.975 Tracker F2/F4 (Technical security division)

46.750 Helicopter ops (primary)
46.700 Helicopter ops (secondary)
46.800 Helicopter ops (alternate)

406.2625 Wireless body microphones
407.825 Wireless body microphones
407.875 Wireless body microphones
407.975 WIreless body microphones

AF1/2 Orderwire UHF (wideband FM)=20
(sidebands used for phone patches)
Uplink Downlink
382.350 326.000 F1
305.550 246.950
336.800 344.000
322.750 366.000
397.050 390.000

--========================_5016934==_
Content-Type: text/plain; charset="us-ascii"

##
Jim Saul Internet: jsaul@jots1.np.atinc.com
Analysis & Technology, Inc. jsaul@cc.atinc.com
One Corporate Place Phone: (401) 849-5952 x3305
Middletown, R.I. 02842 Fax: (401) 847-6660
##

--========================_5016934==_--

2824. Re: Get them while they last!!

Newsgroup: rec.radio.scanner
Date: 1994-09-26 15:00:10 UTC
From: jeffpmil@aol.com
Message-ID: <366nlq$9o@newsbf01.news.aol.com>
Source record: 268209

In article <363ufs$e8t@nic-nac.CSU.net>, g9153402@huey.csun.edu (Berton Corson) writes:

WHAT is the mod for a sport cat? How can you tell if it was pre-april or not?

2825. Re: New to scanning - have a few questions.

Newsgroup: rec.radio.scanner
Date: 1994-09-26 15:14:01 UTC
From: horak@convex.com
Message-ID: <366ofp$hjr@eugene.convex.com>
Source record: 268180

In <362e17$q3c@newsbf01.news.aol.com> wchsnews@aol.com (WCHSNews) writes:

> As has been stated in other people's posts, I was "hooked."
>If you can think of something specific I should
>look for, let me know.
^^^^^^^^^^^^^^^^^^^^
>Wayne Lorentz
>MetroNews Radio and Television Networks - Charleston bureau

Well, if it's Charleston, S.C. you're in, you could stop by my X wife's
place and do some *research* for me. She has a cordless phone and a
baby monitor :-) :-)

David (who misses his kids) in Dallas

2826. Re: Signal Amps??

Newsgroup: rec.radio.scanner
Date: 1994-09-26 15:27:43 UTC
From: rats@ihlpm.ih.att.com
Message-ID: <CwqtM7.22v@nntpa.cb.att.com>
Source record: 268186

|>I asked awhile back about people's experiences/opinions of signal
|>amps/boosters. I only had a few postings but none that discussed
|>experiences or models/prices or anything. I really am considering buying
|>one IF it will improve my situation. I have an All-band antenna and a
|>PRO-2006.

|The problem with most wideband amps is that they amplify the noise and all
|those oh so lovely paging signals along with the desired signal. Thus,
|they are usually useless. However if you have an outdoor antenna and place
|the amp _right_at_ the antenna, you may get some improvment on upper VHF
|and UHF signals that get attenuated in your feedline. Make sure you can
|turn it off when listening to strong signals. Ideally, you would first
|filter out all but your desired band of signals, then use the amplifier.
|For scanners, though, it's impractical to have a filter for each band.

|I too would be curious, though, to hear about anybody's experiences with
|two Radio Shack amps that look somewhat interesting:
|(1) 10dB inline cable tv amp (covering 30-470? MHz) ~$20
|(2) 20dB inline satellite amp (covering 430-1450 MHz) ~$30

I knew someone who tried a Rat Shack cable tv amp with his PRO-2004 &
Grove Discone. Didn't help at all. Problem with these Rat Shack CATV
amps is that they have a HIGH NOISE FIGURE -- the 1st RF amplifier
in the receiving system controls the system noise figure. Assuming
that the person is in a relatively quiet RF location, he would
want an RF amplifier with a low noise figure. The RS unit had a 5db
NF.

He might want to try out the wideband amplifier sold by Ham-Tronics;
unlike the ham band RF amplifers they sell, this one isn't a Gallium
Arsenide-type, but a regular bipolar type. Check out any of the amateur
radio rags like 73 or QST and ask for a catalog. The wideband RF amp
isn't advertised in the magazine ads; price is around $60. Has a very
low NF.

2827. Re: Bad reception near a computer?

Newsgroup: rec.radio.scanner
Date: 1994-09-26 15:31:04 UTC
From: shawn4sk1@aol.com
Message-ID: <366pfo$og@newsbf01.news.aol.com>
Source record: 268182

Thanks for the info guys! Due to some great responses, I'm getting better results

soliver

2828. Re: Pro-2006 interface?

Newsgroup: rec.radio.scanner
Date: 1994-09-26 15:32:06 UTC
From: shawn4sk1@aol.com
Message-ID: <366phm$p9@newsbf01.news.aol.com>
Source record: 268183

I've heard of a possible interference between a Pro-2006 and a computer...

ha, thought they were responding to my question... boy do interface and interference look similar at first glance, huh folks!?

:-)

soliver

2829. Re: Undiscovered 2006 mod

Newsgroup: rec.radio.scanner
Date: 1994-09-26 15:35:10 UTC
From: shawn4sk1@aol.com
Message-ID: <366pne$r2@newsbf01.news.aol.com>
Source record: 268184

Oh what a kick! I'm having a great time- thanks guys!

Oh, I did hear cutting the cord while it was plugged in was done by a guy up in Maine... unfortunately, he never wrote back in to tell us how much better the squelch acted.... hmmm.

soliver

2830. Scanning 900Mhz cordless phones?

Newsgroup: rec.radio.scanner
Date: 1994-09-26 15:45:55 UTC
From: ah335@cleveland.Freenet.Edu
Message-ID: <366qbj$mhm@usenet.INS.CWRU.Edu>
Source record: 268185

Does anyone know the exact handset and base unit 900Mhz bands or frequencies that have been allocated for there phones?

Has anyone had any success in scanning them?

2831. Re: Antenna Dillema

Newsgroup: rec.radio.scanner
Date: 1994-09-26 15:50:25 UTC
From: rats@ihlpm.ih.att.com
Message-ID: <Cwquo1.2A5@nntpa.cb.att.com>
Source record: 268187
Cross-posted to: rec.radio.scanner,alt.radio.scanner

|I'm wondering if anyone has any experience with the Max 800 antenna
|advertised in Monitoring Times. Does it really perform well? And would
|I be creating a problem if I mount the base version of that antenna on a
|mast which already is topped off with a Radio Shack Ground Plane antenna,
|the big one, number 20-014? I can place the two antenna far apart, well,
|several feet, anyway. I'd put the Max 800 below the top of the mast
|several feet.

|Any ideas, suggestions, recommendations appreciated.

I'd say that you're wasting your money! The MAX 800 as I recall is simply
a ground plane antenna cut for 800 Mhz band, thus, you could emulate
it's performance simply by placing your scanner on a metal table
with it's standard telescopic whip antenna.

My suggestion is that you emulate one of the discone antennas being sold
in the United Kingdom. To provide good antenna performance across a
wide frequency range, instead of a single loaded whip antenna on top of the
discone, they use several whip antennas on top seperated by a small
distance... can anyone supply the requisite hardware requirements to
mount additional vertical elements on the Rat Shack Ground Plane?

2832. Re: Scanning 900Mhz cordless phones?

Newsgroup: rec.radio.scanner
Date: 1994-09-26 16:35:10 UTC
From: weaver@vagus.vth.colostate.edu
Message-ID: <366t7u$3ngb@yuma.ACNS.ColoState.EDU>
Source record: 268188

Richard Banks (ah335@cleveland.Freenet.Edu) wrote:

: Does anyone know the exact handset and base unit 900Mhz bands or frequencies
: that have been allocated for there phones?

: Has anyone had any success in scanning them?

I found mine on 902.40. It is supposed to have 30 channels, but
there is no manual way to switch channels, and it always seems
to come up on 902.40 Maybe it will only switch if there was
interference.
--
==
Brian Weaver wk. 303-491-0352
Systems Administrator fax. 303-491-1245
Veterinary Teaching Hospital
Colorado State University weaver@vagus.vth.colostate.edu
==

2833. Blue/green frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-26 16:47:07 UTC
From: karayan@blitzen.cc.bellcore.com
Message-ID: <366tub$kpf@blitzen.cc.bellcore.com>
Source record: 268189

Damark's latest catalog features a pair of walkie-talkies that it calls
"2 channel VHF transceivers." The catalog goes on to say that the tranceivers
"feature 2-channel operation on the blue/green frequency." What are those
freqs? Do I need a license to operate the radios? And last, but not least,
do you think that 1 watt on those freqs would go through a quater of a
mile through trees and houses? If not, what would you suggest I get?

Thanks in advance.

George Karayannopoulos N2OWO
karayan@cc.bellcore.com Bellcore, Red Bank, NJ
Disclaimer: The opinions expressed here are mine and not my employer's.

2834. Re: << ** UUENCODED DEMO version of DTMF Decoder (MAC) **>>

Newsgroup: rec.radio.scanner
Date: 1994-09-26 17:00:39 UTC
From: john_coggi@qmail2.aero.org
Message-ID: <john_coggi-2609941002000001@ldef.aero.org>
Source record: 268190

In article <35vlnf$eeh@nic.umass.edu>, GRIDE@UCSVAX.UCS.UMASS.EDU (ANDREW
S GELINA) wrote:

> I have tried using this demo for a while and I have to say I am not
> impressed by the results I get. I have tried decoding from a number of
> sources (microcassette recorder, scanner, microphone). I have tried
> using an attenuating cable to direct wire the inputs to the mic,
> tried using the mic (the stock one and my own), sampling the
> tones with my MacRecorder/saving as AIFF, and synthesizing them
> (as a last resort, for test purposes).

Strange. I have had very little trouble decoding touch tones off a
radio with this program on my Mac LC. In fact, the only problems I see are
false positives generated by noise or other background sounds and
misdiagonsis of weak tones. Otherwise it works pretty well. The author
has told me that it doesn't work on "newer Macs" that don't use a 512 byte
sound buffer. Maybe that is contributing to the problem. He told me that
he has had a poor shareware response and would only continue work on the
project if interest demanded it :-(. Anyhow, I will forward your comments
to the author.

Regards,
John

>
> The decoder has never worked, save twice. One time I was using an
> EXTREMELY clean recording of tones (studio quality), and the other
> time I synthesized the tones using Soundedit. The interface is good,
> very intuitive. I think that the separation and recognition algorithm
> could use some work. It (TTD2.0) has no tolerance for noise or interference.
>
> I suppose that this will offend the author, and I'm sorry. I'm just
> telling it like it is. I do not claim I could do a better job, but I
> want you to know that if you do, I (and many of my Mac using friends)
> will then GLADLY purchase the program...
>
> Regards,
>
> Andrew

--
!!!
o o
+-------John-----------_o00 - 00o_/ ------Coggi--------+
| The Aerospace Corporation | For Sale: Immac, unused |
| john_coggi@qmail2.aero.org | signature space. Must |

```
|----------------------------| sell due to lack of |
| | creative thought. |
+-----------------------------------------------------+
```

2835. PR-150 & MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-09-26 17:06:08 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <780599168snz@javiaton.demon.co.uk>
Source record: 268193
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Apologies to everybody for using "bandwidth" but if I may just make a quick plea to someone (Hopefully!)....

I received some mail over the weekend from somebody asking for info on the PR-150 but due to technical difficulties (ie. I Cocked Things Up) I have lost that piece of mail and cannot for the life of me visualise the name in the sig.

Many apologies to the person concerned but if you are reading this and would care to "jog" my memory I would be grateful - and sorry for the trouble !

Thanks.

--
Cheers
Jonathan Clough

2836. Mod Help

Newsgroup: rec.radio.scanner
Date: 1994-09-26 17:22:21 UTC
From: lebovitz@drycas.club.cc.cmu.edu
Message-ID: <36701r$a4@nntp.club.cc.cmu.edu>
Source record: 268191

Help please, I need a 1 volt dc meter to be a signal str for a 2006.
ALl i can find is a 15 or a 3. What type of rister set up do i need to make to
15 or 3 work on a full scale with 1 volt.
THanks
Steve

2837. Re: Bad reception near a computer?

Newsgroup: rec.radio.scanner
Date: 1994-09-26 17:32:08 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1994Sep26.173208.7768@news.csuohio.edu>
Source record: 268192

Going the opposite direction, I have heard some cool sounds
coming from my computer (a Sun SPARCstation 2) when my
scanner is nearby. You can usually tune your scanner to
some multiple of the CPU frequency and hear stuff. Let's say
you have a 486 running at 25mhz. Set your scanner to some multiple
of that (like 50, or 150 MHZ). You can even sometimes hear noise
as you move the mouse across the screen. Wierd. Even wierder
is listening to the sounds your machine makes when it boots.

OK, OK, I don't get out much.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

2838. HT600 Freq

Newsgroup: rec.radio.scanner
Date: 1994-09-26 18:01:11 UTC
From: davidhun@nunki.usc.edu
Message-ID: <367297$5s6@nunki.usc.edu>
Source record: 268194

Hi there!

I'm another guy new to scanning. Friend of mine introduced me to it, and soon enough, I ended up buying a Pro-51. Lotsa fun! :)

I am wondering if anybody has the freqs on which the Motorola HT600(?) operates on. If so, could you drop me a line through e-mail? Thanks.

Dave

2839. Re: Scanning 900Mhz cordless phones?

Newsgroup: rec.radio.scanner
Date: 1994-09-26 18:11:38 UTC
From: jsaul@np.atinc.com
Message-ID: <199409261811.NAA28598@mail.cs.utexas.edu>
Source record: 268195

FROM: ah335@cleveland.Freenet.Edu (Richard Banks)

>Does anyone know the exact handset and base unit 900Mhz bands or frequencies
>that have been allocated for there phones?

>Has anyone had any success in scanning them?

FROM THE FAF LIST:

Panasonic KX-T9000 base 902.100-903.870 {60 channels 30 kHz
spacing}
handset 926.100-927.870

VTech Tropez 900DX base 905.600-907.500(20 channels)
handset 925.500-927.400{100 kHz steps}

AT&T #9120 902.0-905.0 / 925.0-928.0

OTRON CORP.CP-1000 902.1-903.9 / 926.1-927.9 unconfirmed

SAMSUNG #SP-R912 903.0 / 927.0

Jim Saul Internet: jsaul@jots1.np.atinc.com
Analysis & Technology, Inc. jsaul@cc.atinc.com
One Corporate Place Phone: (401) 849-5952 x3305
Middletown, R.I. 02842 Fax: (401) 847-6660

2840. Ottawa 10-Codes

Newsgroup: rec.radio.scanner
Date: 1994-09-26 19:06:49 UTC
From: an49831@anon.penet.fi
Message-ID: <191310Z26091994@anon.penet.fi>
Source record: 268196
Cross-posted to: rec.radio.scanner,alt.radio.scanner,ncf.sigs.radio-scanner

Police 10-Codes, Nepean & Ottawa.... Does anyone have Gloucester & RCMP??

NEPEAN POLICE 10-CODE

10-1 RECEIVE POORLY
10-2 RECEIVE WELL
10-3 STOP TRANSMITING
10-4 AKNOWLEDGEMENT
10-5 RELAY
10-6 BUSY-STANDBY
10-7 OUT OF SERVICE
10-8 IN SERVICE
10-9 REPEAT
10-10 KEEP PEACE
10-11 DOMESTIC
10-12 DRUNK PERSON
10-13 VANDALISM/MISCHIEF
10-14 NOISE COMPLAINT
10-15 SUSPICIOUS PERSON
10-16 SUSPICIOUS VEHICLE
10-17 ARSON/FIRE
10-18 COMPLETE ASSIGNMENT
10-19 RETURN TO STATION
10-20 LOCATION
10-21 CALL BY PHONE
10-22 SEE COMPLAINANT
10-23 INDECENT ACT/EXPOSURE
10-24 PERSON USING FIREARM
10-25 DISPUTE-CUSTODY
10-26 DISPUTE-NEIGHBOUR
10-27 DISPUTE-LABOUR
10-28 VEH REGISTRATION INFO
10-29 CHECK RECORDS WANTED
10-30 DROWNING
10-31 SICKNESS/INJURY
10-32 U/K PROBLEM-911 CALL
10-33 CATASTROPHE
10-34 ALARM-OTHER
10-35 ALARM-BANK-HOLD UP TYPE
10-36 STOLEN BICYCLE
10-37 THEFT
10-38 SHOPLIFTER
10-39 PERSONS LOITERING
10-40 STOLEN VEHICLE

10-41 BREAK & ENTER
10-42 ROBBERY
10-43 SUICIDE/ATTEMPT
10-44 HOMICIDE
10-45 SUDDEN DEATH
10-46 SEXUAL ASSAULT
10-47 NOISY PARTY
10-48 FRAUD
10-49 THREATS/OBSCENE CALLS
10-50 M.V.A.
10-51 TOW TRUCK
10-52 AMBULANCE
10-53 ASSAULT
10-54 TRESPASSING
10-55 PARKING COMPLAINT
10-56 MISSING PERSON
10-57 ABANDONED VEHICLE
10-58 LOST/FOUND/SEIZED PROPERTY
10-59 MENTAL HEALTH ACT
10-60 SUBJECT NEGATIVE
10-61 SUBJECT HAS RECORD-NOT WANTED
10-62 SUBJECT POSSIBLY WANTED
10-63 POSITIVE HIT
10-64 PROCEED WITH CAUTION
10-65 ASSIST RE 10-64
10-66 SUBJECT UNDER OBSERVATION
10-67 SUBJECT IN PAROLEE CATEGORY
10-68 SUBJECT IN CHARGE CATEGORY
10-69 ARE YOU ALONE
10-70 DRUGS
10-71 WARRANT EXECUTION
10-72 CANINE UNIT REQUIRED
10-73 YOUTH BRANCH REQUIRED
10-74 TECHNICAL SUPPORT REQUIRED
10-75 C.I.D. REQUIRED
10-76 CORONER REQUIRED
10-77 BODY REMOVAL REQUIRED
10-78 ASSIST OFFICER-EMERGENCY
10-79 ASSIST OFFICER-OTHER
10-80 INSECURE
10-81 L.L.A. VIOLATION
10-82 ASSIST OTHER AGENCY
10-83 SUSPENDED DRIVER
10-84 BREACH OF PROBATION/PAROLE
10-85 ABDUCTION/KIDNAPPING
10-86 MVC-FATAL/PI
10-87 OFFICER INJURED
10-88 AMOURED CAR
10-89 CONTAGIOUS DISEASE
10-90 12 HOUR SUSPENSION

10-91 IMPAIRED DRIVER
10-92 PERSON IN CUSTODY
10-93 ROAD BLOCK
10-94 TRAFFIC CONTROL/ESCORT
10-95 DRIVING/TRAFFIC COMPLAINT
10-96 BYLAW COMPLAINT
10-97 ANIMAL OTHER THAN DOG
10-98 COMPASSIONATE TO LOCATE
10-99 LUNCH
10-100 BOMB THREAT

OTTAWA POLICE FORCE 10-CODES

10-1 RECIEVING POORLY
10-2 RECEIVING WELL
10-3 STOP TRANMITTING
10-4 ACKNOWLEDMENT
10-5 RELAY
10-6 BUSY - STAND BY UNLESS URGENT - OUT AVAILABLE
10-6G OUT AVAILABLE - GAS
10-6R OUT AVAILABLE - RADAR
10-7 OUT OF SERVICE
10-7C OUT OF SERVICE - COURT
10-7L OUT OF SERVICE - LUNCH
10-7S OUT OF SERVICE - STATION
10-7W OUT OF SERVICE - WASH
10-8 IN SERVICE
10-9 REPEAT LAST MESSAGE
10-10 REQUEST TO GO TO COMMON CHANNEL
10-11D DOMESTIC DISTURBANCE
10-11N NOISE DISTURBANCE
10-11O OTHER DISTURBANCE
10-11C ASSAULTS - CHILDREN UNDER 18
10-11H ASSAULTS - ON MALE BY SPOUSE
10-11W ASSAULTS - ON FEMALE BY SPOUSE
10-11F FIGHTS
10-11A ASSAULTS - ALL OTHERS
10-11S STRIKES
10-12 DRUNKENESS
10-12M DRUNK - MOBILE
10-13 DAMAGE TO PROPERTY
10-13V DAMAGE TO VEHICLE
10-14 ANIMAL COMPLAINT
10-15 SUSPICIOUS PERSONS
10-15V SUSPICIOUS VEHICLES
10-15D DRUGS
10-16 PICK UP PRISONER
10-17 FIRE OR FIRE ALARM
10-17V VEHICLE FIRE
10-18 COMPLETE ASSIGNMENT QUICKLY
10-19 RETURN TO STATION

10-20 YOUR LOCATION
10-21 CALL BY TELEPHONE
10-22 SEE COMPLAINANT
10-22A ALERT
10-22M MISSING PERSON
10-22P SEE COMPLAINANT RE FOUND PROPERTY
10-22T TRAFFIC COMPLAINT - POINT DUTY
10-22V TRANSPORTATION
10-23 INDECENT EXPOSURE
10-24 PERSON USING FIREARMS
10-24P FIREARMS - PELLET GUN
10-25 SICK OR INJURED
10-25M MENTAL PERSONS
10-26 DETAIN SUBJECT - EXPEDITE
10-27 DROWING
10-27B BOAT OVERTURNED
10-28 VEHICLE REGISTRATION INFORMATION
10-29 CHECK RECORDS FOR WANTED
10-30 IMPROPER USE OF RADIO
10-32 OBSTRUCTION - VEHICLE TO BE TOWED
10-32T VEHICLE TO BE TICKETED
10-33 EMERGENCY - CLARIFY
10-34 ALARM SIGNAL - ALL ALARM MONITORING CO.
10-34O AUDIBLE ALARM OR CAR ALARM
10-35 MAJOR CRIME ALERT
10-36 CORRECT TIME
10-37 THEFT - SHOPLIFTING
10-37F FRAUD
10-37V THEFT FROM VEHICLE
10-38 INVESTIGATION ALERT
10-39 PURSE SNATCHING
10-40 STOLEN VEHICLE
10-40R STOLEN VEHICLE - RECOVERED
10-41C BREAK-IN - COMMERCIAL
10-41R BREAK-IN - RESIDENTIAL
10-42 HOLD-UP - ROBBERY WITH VIOLENCE
10-43 SEXUAL ASSAULT
10-44 MURDER/SUICIDE
10-45 DEATH OR FATALITY
10-50 MOTOR VEHICLE ACCIDENT
10-50H MOTOR VEHICLE ACCIDENT - HIT & RUN
10-50I MOTOR VEHICLE ACCIDENT - INJURIES
10-50P MOTOR VEHICLE ACCIDENT - PROPERTY DAMAGE ONLY
10-50F MOTOR VEHICLE ACCIDENT - POLICE VEHICLE INVOLVED
10-51 TOW TRUCK NEEDED
10-52 AMBULANCE
10-60 SUBJECT IS NEGATIVE
10-61 SUSPECT HAS RECORD - NOT WANTED
10-62 SUBJECT POSSIBLY WANTED
10-63 SUBJECT WANTED - CONFIRMED HIT

10-64 PROCEED WITH CAUTION
10-65 ASSIST WITH 10-64 INDIVIDUAL
10-66 SUBJECT IN OBSERVATION CATEGORY
10-67 SUBJECT IN PAROLEE CATEGORY
10-68 SUBJECT CHARGED
10-68 SUBJECT CHARGED
10-78 OFFICER NEEDS ASSISTANCE
10-80 POSSIBLE HOSTAGE SITUATION INVOLVING OFFICER
ALL DETAILS RELAYED BY MDT ONLY
10-92 PERSONS IN CUSTODY
10-93 BLOCKADE - ROAD BLOCK
10-94 TERRORIST ATTACT
10-94 TERRORIST ATTACK, ABDUCTIONS, HOSTAGE TACKING
10-99 UPDATE STATUS
10-100 BOMB THREAT

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

2841. Re: Mod Help

Newsgroup: rec.radio.scanner
Date: 1994-09-26 19:55:48 UTC
From: schumann@crl.com
Message-ID: <367904$srh@crl.crl.com>
Source record: 268197

lebovitz@drycas.club.cc.cmu.edu wrote:
: Help please, I need a 1 volt dc meter to be a signal str for a 2006.
: ALl i can find is a 15 or a 3. What type of rister set up do i need to make to
: 15 or 3 work on a full scale with 1 volt.
: THanks
: Steve

Use the 3volt dc meter and get a couple of 'risters'. The risters should
be of X and 2X value and placed in series. The voltmeter should be
attached in parallel to the rister of value X.

This should work.

--

James Schumann, KE6DMY
schumann@crl.com
KE6DMY @N6EEG.#NOCAL.CA.USA.NOAM

--finger for PGP

2842. Re: Blue/green frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-26 20:08:19 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <3679nj$2kst@yuma.ACNS.ColoState.EDU>
Source record: 268198

In article <366tub$kpf@blitzen.cc.bellcore.com> karayan@blitzen.cc.bellcore.com (karayannopoulos,george) writes:
>"feature 2-channel operation on the blue/green frequency." What are those
>freqs? Do I need a license to operate the radios?

You do need a license, they should send an application with the radios.
Frequencies:
RED: 151.625
BLUE: 154.570 I've heard McDonalds drive-thrus on this freq
GREEN: 154.600
WHITE: 462.575
BLACK: 462.625
YELLOW: 464.550

I got this list out of a catalog.

Galen, KF0YJ

2843. Re: Carter's Haiti negotiations intercep

Newsgroup: rec.radio.scanner
Date: 1994-09-26 20:16:57 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <367a7p$md7@umcc.umcc.umich.edu>
Source record: 268199

In article <9409252232592.DLITE.cremer@delphi.com>,
charlie cremer <cremer@delphi.com> wrote:
> Brian Oakley A.R.S WB5KXW Ft. Worth, TX said:
>
>>What this SWLer did is technically illegal to begin with. Any communications
>>intercepted by him, not intended for him, is illegal to divulge to a third
>>party from my understanding. And also, I believe this sort of communications
>>could come under the protection of the ECPA in that it is a communication
>>not intended for the general public to hear. I think this SWLer is in
>>bigtime trouble if that CNN guy ever discloses his source. Someone offer up
>>some opinions on this. 73.
>
>It is amazing how ordinarily inteligent people can overlook the obvious.

Look in the mirror & say that.

>The intercepted signals came from HAITI, a whole 'nother nation. The FCC

Really? When I heard the call, I kinda got the impression that
SAM 58-6972 was some sort of aircraft --maybe even a C-137B-- and was
a few hours out from their refuelling stop in Puerto Rico, headed
back to somewhere in the US -- perhaps Andrews Air Force Base in Camp
Springs, Maryland.

I also kinda got the impression that the ground station --
"Andrews" was probably a USAF 89th Communications Group facility
located in Building 1558 at Andrews AFB, MD & using a remote
transmitter site on Ascension Island, or maybe Fort Allen, Puerto
Rico, among others.

But you're probably right. Both "Andrews" and "SAM 86972" were
operating on HF from the sovereign nation of Haiti. Yup!

>and/or
the US Congress has no jurisdiction over radio waves in other >countrys.

I didn't think we had any jurisdiction over anything going on in other
countries, but since that didn't stop us from going in to Haiti, you
might want to also reconsider your last statement.

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie: T.Tyler5 AOL: Hooligan MCI: 442-5735
Ypsilanti MI
48197 This product was not tested on any animals.

2844. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-09-26 20:27:13 UTC
From: billsohl@earth.planet.net
Message-ID: <367ar1$eoo@jupiter.planet.net>
Source record: 268200

K1LHO (k1lho@aol.com) wrote:
: In article <Ctt32B.7HI@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley)
: writes:

: You cirb side practitioners are all kidding yourselves. The fact is it is
: ilegal to posess any equipment capable of receiving cellular traffic.

It is NOT illegal to own equipment that can receive cellular. If such
was the case, then the hundreds of thousands of existing cellular
scanners and other radio receivers which can receive cellular
would all be illegal to own. Neither the ECPA nor the more recent
FCC regulations on manufacture and importation of cellular
capable scanners (after 4/26/94) in any way made any existing
equpment illegal to own.

: Getting caught may be a different story, but then is it ok to make a
: silencer if you don't get caught. Just TRY IT! Congress's intent was
: simple, cellular calls are private, and your splitting hairs is not
: withing the spirit (or the letter) of the law.

Please elaborate on what specific law(s) make having or possessing
a cellular capable scanner/receiver illegal in the USA. Nothing
in the laws was ever intended to outlaw any existing equipment.

--
Bill Sohl K2UNK (billsohl@planet.net)
Budd Lake, New Jersey

2845. Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-09-26 20:28:01 UTC
From: zimmer@wmich.edu
Message-ID: <1994Sep26.162801.21800@wmichgw>
Source record: 268210

What with all the RatShack bashing having occurred lately, I thought I'd relate this.

I stopped into one of the local outlets over the weekend. I looked at some merchandise I was contemplating getting, but then handed it back to the salesperson and told her I would like to take just the new catalog today. She reached under the counter, peeled a sticker I never saw off the front cover and said "Here you go!". I was very surprised, having fully expected to pay, happily thanked her, and left the store.

Maybe there's hope, or maybe this local outlet is a notch above the average one.

2846. Re: Carter's Haiti negotiations intercep

Newsgroup: rec.radio.scanner
Date: 1994-09-26 20:56:02 UTC
From: smacken@aol.com
Message-ID: <367ch2$7jc@newsbf01.news.aol.com>
Source record: 268201

Actually the ECPA doesn't care about HF or public service.
Only cellular and pagers.

However the Communications act of 1934 is where you will find the
restriction on divulging what you heard to anyone.

I find this interesting in that I am a rabid nascar stock car fan and
there is an entire cottage industry out there selling the frequencies and
updating them on a regular basis.

The tv commentators listen in all the time for insight.

Not only that, every team listens to the other teams to play strategy
games. and sometimes fakeouts with each other.

fun fun fun

2847. Re: AZ Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-26 21:26:45 UTC
From: colt@usr1.primenet.com
Message-ID: <367eal$80a@news.primenet.com>
Source record: 268202

Mike Leckey, Jr. (rml@asbt55.phx1.aro.allied.com) wrote:
: Does anyone have any good Arizona Freq's, or know a site I can get them?

: Police, Fire, Business, etc...

Mike....E-mail me at (colt@primenet.com)

Let me know what you want specifically and maybe we can talk voice..

2848. Re: Carter's Haiti negotiations intercepted vi

Newsgroup: rec.radio.scanner
Date: 1994-09-26 21:40:13 UTC
From: malxndr@aol.com
Message-ID: <367f3t$8t9@newsbf01.news.aol.com>
Source record: 268203

What verification does anyone have that it was a SWer in the first place? Does anyone have some specific information on this? What did Shaw really say? How do we know that this is not another "neturban legend?" Anyone actually hear the discussion between Carter and US Ambassador? Better yet--anyone get a recording?

2849. Info on Opto Scout?

Newsgroup: rec.radio.scanner
Date: 1994-09-26 21:52:01 UTC
From: eskin@btree.brooktree.com
Message-ID: <367fq1$2ud@btree.brooktree.com>
Source record: 268218

Anyone have any info on the new Optoelectronics Scout frequency counter?
I currently have a Startek ATH-30 and was wondering if this new counter
will be more useful in real-life use.

--

Michael Eskin, Brooktree Corporation email: eskin@brooktree.com
9868 Scranton Road, San Diego, CA 92121 AOL: BTRE MichE

2850. Campus Cell Phones

Newsgroup: rec.radio.scanner
Date: 1994-09-26 22:08:02 UTC
From: malxndr@aol.com
Message-ID: <367go2$9gg@newsbf01.news.aol.com>
Source record: 268204

Thought some people might find the following excerpts from a Motorola press release interesting:

Sept. 22 -- Motorola's Cellular Infrastructure Group (CIG) introduced its new radio telephone system called INReach that enables a person to use a cellular phone to place and receive calls anywhere within a building or campus-like setting. The phone can be used as a desk phone extension or in place of a desk phone for highly mobile employees or temporary on-site users. Since INReach interconnects with the building's PBX system, typical cellular user fees do not apply. A centralized radio architecture and revolutionary digital interfaces differentiate INReach from other products on the market. Unlike other wireless in-building systems that typically distribute numerous base stations to provide coverage, the INReach system centralizes the radio functions and uses a distributed passive antenna system. A passive antenna system allows for higher quality, ubiquitous coverage. The typical system configuration can support over 2,000 subscribers (with as many as 119 voice channels per base station). INReach interfaces are via a digital or analog interface to any PBX or Centrex system. Virtually all digital phone features such as call forwarding, three-way conferencing and call transfer are supported.

2851. Bear Tracker Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-26 22:41:55 UTC
From: dooman@indirect.com
Message-ID: <367ink$cbu@herald.indirect.com>
Source record: 268205

A while ago some one was inquiring about the freqs received by the Uniden Beartracker. Does anyone know these freqs.?

I am also looing for the freq used by light aircraft --- the one used by highway patrol light aircraft.

Any help would be appriciated.

Thanks!

--

<<< - dooman ** dooman@indirect.com ** Randy DeForest - >>>

2852. BC800XLT Repair question

Newsgroup: rec.radio.scanner
Date: 1994-09-26 23:00:10 UTC
From: dctrhappy@aol.com
Message-ID: <367jpq$aep@newsbf01.news.aol.com>
Source record: 268206

I have the mentioned scanner with a broken LED display. Is sending the unit to Uniden the best option for a repair?? Thanks.

2853. Pro-23 Mod

Newsgroup: rec.radio.scanner
Date: 1994-09-26 23:50:31 UTC
From: catnip@pipeline.com
Message-ID: <367mo7$179@pipe1.pipeline.com>
Source record: 268207

There is a keyboard mod around for the Pro-23. In this file it states to press 2,9,manual keys at the same time. It neglects to tell you it wipes out your memories. It supposed to do something with the 800mhz but it gives you the following 13 frequencies. None of which is out of band, None of which will let you search out of band. So for some odd reason there programed there. Maybe there in there for the shop to test the basic reception across the entire band.

Those frequencies are as follows:

CH.#: Freq:

1 140.000
2 155.000
3 170.000
4 410.000
5 460.000
6 510.000
7 109.000
8 118.000
9 127.000
10 135.000
11 810.000
12 860.000
13 950.000

I hope this is of help to all of you who own Pro-23s 50 channel scanner. Happy scanning

Michael J.Hogan

Personal Computer Traing INC

2854. 900mhz PHONE TESTS UPDATE

Newsgroup: rec.radio.scanner
Date: 1994-09-26 23:56:28 UTC
From: jlager@w8hd.org
Message-ID: <367n3c$6ko@w8hd.w8hd.org>
Source record: 268212

Last week I offered that if enough of you sent me email requesting test results of all the 900mhz phones, I would post it here. Well, I wasn't expecting THAT much interest... WOW!

I decided your requests deserve a report worthy of that response, so please give me a few more days to prepare it.

And thanks to all of you who provided YOUR experiences via email.

Jim Lagerkvist
-MICHIGAN-
Jlager@w8hd.org

2855. Re: Police Terminology

Newsgroup: rec.radio.scanner
Date: 1994-09-27 00:39:12 UTC
From: gesman@io.org
Message-ID: <367pjg$ann@ionews.io.org>
Source record: 268221

Does anyone knows what is "PDS unit" ?
I'm in Toronto.

--
Gleb Esman.

2856. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-09-27 00:39:49 UTC
From: skowit1@umbc.edu
Message-ID: <367pkl$hvs@umbc9.umbc.edu>
Source record: 268211

I just went to Radio Shack today, and found that they were still selling the good old 2006, pro-39, and 43. The sales guy was really nice to me, and he immediately started telling me about all the mods that can be done on these models so as to pick up cellular. I was amazed to find that the prices on these old models had dropped about one hundred dollars. I was seriously thinking of buying a pro-39 or 43 from them, but I should be receiving the BC2500XLT from Damark in a few days. The sales person was very interested in this new scanner, and he asked me if I could bring it in to RS so that he might be able to play with it. He told me he was a ham operator, and he was very helpful with edumacating me concerning the band coverage of their scanners and those of cellular bands, and the cellular skip to the other frequencies. While we were playing with the pro-43, we picked up a cellular call right in the store, so he quickly put on a better antenna, and told me to listen quietly. I guess some RS sales people are really okay people.

-Shai Kowitt
skowit1@umbc.edu
http://umbc8.umbc.edu/~skowit1

2857. Re: looking 4 newyork news/media frequ's

Newsgroup: rec.radio.scanner
Date: 1994-09-27 01:37:24 UTC
From: ad225@detroit.freenet.org
Message-ID: <367t0k$gfs@detroit.freenet.org>
Source record: 268213

Tom -

BNN uses a commercial alpha paging service so you'd be forced
to snag all the other msgs in order to get theirs.

If you really want to know what they're messaging out, I suggest
you subscribe to their service.

I trade info with them, so if you need help in contacting
them, drop me an e-mail and I'll put you in touch.

Good luck!

Gary
--
Gary Baumgarten
ad225@detroit.freenet.org

2858. Re: 2 way radio programming

Newsgroup: rec.radio.scanner
Date: 1994-09-27 01:52:50 UTC
From: cntrspy@ix.netcom.com
Message-ID: <367tti$rlf@ixnews1.ix.netcom.com>
Source record: 267938
Cross-posted to: rec.radio.scanner,alt.radio.pirate

In <35trtj$ce4@news.ycc.yale.edu> wcross1@minerva.cis.yale.edu (Wilbur Cross HS) writes:

>
>I was wondering if anyone had any programming software for 2 way radios
>(any brand, motorola and icom preferred). I was told that these products
>were freeware, however the cables are to be purchased through the
>respective company.

= = = = = = =
Whoa... Motorola software is NOT freeware, and they even have a 1-800
snitch line to turn in people who have pirate copies of it. Watch It.

Most Icom stuff is either keyboard programmable, or requires a special
programming (not pc) box and cable.. like the U-10 U-8, etc. for about
$300 a pop.

As for Motorola Ribs, there are dozens of manufacturers of Ribs and
Programming cables... Ask on rec.radio.forsale or something like that
for suppliers.

--
--
==
Chris Hall, Chief Operating Officer
Executive Protection Associates, Inc.
Worldwide Investigations, Privacy Protection Strategies, Second
Passport Agents, Off-shore Banking and Trust Agents.
e-mail: cntrspy@ix.netcom.com, PGP key available.
Opions Expressed are those of the Author and not of EPAI.
==

2859. Re: A funny thing happened at Rat Shack ...

Newsgroup: rec.radio.scanner
Date: 1994-09-27 02:02:40 UTC
From: jpa@pacifier.com
Message-ID: <367ug0$jeb@news.pacifier.com>
Source record: 268215

In article <364mlc$kp4@news.ycc.yale.edu>, kentfitz@minerva.cis.yale.edu
(Kent Fitzgerald (GD 1994)) says:
>
>Berton Corson (g9153402@huey.csun.edu) wrote:
>
>:
>Quiz: Which of the following salespeople do you think RS would prefer:
>
>(1) The knowledgable scanner fan or ham operator, who is always eager to
>talk tech or swap freqs with fellow enthusiasts, whether or not they're
>buying anything.
>
>(2) The trained engineer, who always knows which 10 cent resistor or 2
buck
>connecter the customer needs for a particular application.
>
>(3) The quick-talking BS artist who knows jack about electronics, but
has
>a knack for pushing stereos, computers, and extended warrantees.
Actually they prefer all three since if you know nothing about
electronics you aren't going to get very far in the Company ,second the
Salesperson has to know about ALL products to be able to sell the person
coming in saying I need this dohicky, at which point the Salesperson asks
to do what. ALso it's too bad you guys live in a place where your radio
shack people obviously have very little knowledge or any sense of reality
like a customer is too stupid to know the difference between rg-6 and
rg-58/u besides the number. Because in the store I work in my fellow
employees and myself find it easier to tell the customer the truth or if
we have no idea what the hell they are really trying to do, will send
them somewhere to get what they really need.

One other thing before I get off my soap box, If you don't like
the staff or the products stay out of the store, if you don't you
obviously don't feel that bad about shopping in the stores and at which
point I would ask that you stop wasting bandwidth with your whining and
crying. Shop Sears for a scanner, if you can?

Jeff Anderson
Radio Shack Employee
jpa@pacifier.com
Vancouver WA

>
>Sigh. I fear I'm growing cynical in my age ;)
>

>--
>Kent Fitzgerald kentfitz@minerva.cis.yale.edu DoD #1367
>

2860. Looking for DDI/B or DDI/D Please

Newsgroup: rec.radio.scanner
Date: 1994-09-27 02:44:26 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Sep26.223957.1@cad3.uccb.ns.ca>
Source record: 268216

Can anyone out there tell me where i can get a DDI box....
I'm looking for either DDI/B or DDI/D....
I just need the box; nothing else!!
Thank's in advance!!
Ron

2861. Las Vegas freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-27 04:00:33 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <hU50oIx.donhayes@delphi.com>
Source record: 268219

I'll be going to Las Vegas in mid October. Anyone have hotel or security freqs
or police freqs? I would appreciate any you can provide. Any good ham repeaters
s in the area that are active? Thanks for your help. dhayes18@genie.geis.com

2862. Re: << ** UUENCODED DEMO version of DTMF Decoder (MAC) **>> 1/3

Newsgroup: rec.radio.scanner
Date: 1994-09-27 04:09:52 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <h262wCw.donhayes@delphi.com>
Source record: 268217

Hi John..I have a Mac Plus. Will this work with it? How much do you consider reasonablke for a copy of the program? I'm looking forward to seeing it! Don

2863. police MDT

Newsgroup: rec.radio.scanner
Date: 1994-09-27 04:16:56 UTC
From: jankowiak@fallout.lonestar.org
Message-ID: <1994Sep26.221656.12147@fallout.lonestar.org>
Source record: 268157

I would like to monitor the text on the Dallas police MDT's.. Does anyone have any info on this system?

2864. Re: Mounting two antennas on one mast.

Newsgroup: rec.radio.scanner
Date: 1994-09-27 04:26:36 UTC
From: ncschult@mars.acs.oakland.edu
Message-ID: <ncschult.780639996@mars.acs.oakland.edu>
Source record: 268220
Cross-posted to: alt.radio.scanner,rec.radio.scanner

ncschult@vela.acs.oakland.edu (N C Schultheiss) writes:

>Path: news1.oakland.edu!vela.acs.oakland.edu!ncschult
>From: ncschult@vela.acs.oakland.edu (N C Schultheiss)
>Newsgroups: alt.radio.scanner,rec.radio.scanner
>Subject: Mounting two antennas on one mast.
>Date: 22 Sep 94 02:48:47 GMT
>Organization: Oakland University, Rochester, Michigan, U.S.A.
>Lines: 6
>Message-ID: <ncschult.780202127@vela.acs.oakland.edu>
>NNTP-Posting-Host: vela.acs.oakland.edu
>Keywords: scanner
>Xref: news1.oakland.edu alt.radio.scanner:2805 rec.radio.scanner:13637

>A freind of mine gave me a discone antenna he wasen't using I want to
>mount it under my other antenna on the same mast.My "other"antenna is a
>n all band base station(whip w/coil and choke assembly,with four radials
>on the bottom).Will my mounting the discone under the all band effect
>either?

>>>>>>>In case anyone is intrested...both work fine.

>Thanks in advance,NCS

2865. Re: Secret Service Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-09-27 04:37:17 UTC
From: msattler@jungle.com
Message-ID: <3687ht$3pu@lard.ftp.com>
Source record: 267990

In article <365hfq$igr@pipe3.pipeline.com>
chris@pipeline.com (Chris Matus) writes:

> A while back someone posted a listing of Secret Service
> frequencies.
> If anybody has them, please repost. Thought they might be
> interesting while Clinton is in town. Thanks.

Sorry to burst your bubble, but the Secret Service uses encrypted HTs
when
the President is around. (At least they did the last time he was in
San
Francisco.) Vice President Gore gets the same treatment.

So, by the way, does the FBI. I was on a search (and rescue) with them
and because of the media using scanners each team had an FBI agent with
an encrypted HT.

Michael Sattler <msattler@wco.ftp.com>, FTP Software, West Coast
Operations
Quality Assurance
Manager
WWW = http://www.wco.ftp.com/~msattler/
Don't try to teach a pig to sing; it's a waste of time & it annoys the
pig.

2866. Re: Receiving Morse code transmissions

Newsgroup: rec.radio.scanner
Date: 1994-09-27 05:32:38 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep27.003238.2951@hnrc.tufts.edu>
Source record: 268085

In article <CwpntB.GCM@rci.ripco.com>, explorer@ripco.com (Bob Smith) writes:
> Anyone able to get hear morse code transmissions on their scanner? If you do
> could you tell me the freq, mode and what type of antenna that you were
> using.

You'll hear morse code on many frequencies. Stations are required to identify themselves and CW is legal for id regardless of the usual mode of transmission. Many (most?) stations choose CW for id so that it doesn't get in the way of the voice transmissions.

2867. Re: Handheld radio scan mods?

Newsgroup: rec.radio.scanner
Date: 1994-09-27 05:38:29 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep27.003829.2952@hnrc.tufts.edu>
Source record: 268082

In article <1994Sep26.083817.21785@wmichgw>, zimmer@wmich.edu writes:
> Slightly off-topic, but have so far not received responses regarding this
> in an other more appropriate group.
>
> Having recently received my amateur license, I'm considering getting a
> hand held radio. At the top of my list are the Yaesu FT530 and the new
> Kenwood TH79. I'm very interested in knowing of mods for either of these
> units, in particular regarding out of band reception so that I can make
> it more like a scanner, at least some of the time. (I'm aware of the
> mod for this purpose for the Yaesu unit.)
>

Check the usual sources, i.e., pub/hamradio/mods/<manufacturer> at
oak.oakland.edu
The ususal warnings apply, for example, the FT530 can be modified for out of
band reception, but has only 12.5kHz stepsaround 870MHz or so. A HT can serve
as a "scanner" if there are only one or 2 channels you want to monitor, but
otherwise is a poor substitute for the real thing. (Just my $0.02)

2868. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-09-27 05:41:43 UTC
From: agardk@iia.org
Message-ID: <PIwXke-O33ND071yn@iia.org>
Source record: 268222

In article <3652f2$h4f@newsbf01.news.aol.com>, k1lho@aol.com (K1LHO) wrote:
>In article <Ctt32B.7HI@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley)
>writes:
>
>You cirb side practitioners are all kidding yourselves. The fact is it is
>ilegal to posess any equipment capable of receiving cellular traffic.
>Getting caught may be a different story, but then is it ok to make a
>silencer if you don't get caught. Just TRY IT! Congress's intent was
>simple, cellular calls are private, and your splitting hairs is not
>withing the spirit (or the letter) of the law.

Would you care to quote that statute?

KMA

++
Kevin M. Agard, BS, EMT-P Hoboken, NJ
++
Director | Senior Clinical Instructor
Emergency Medical Training Associates| Hudson County EMS Training Center
agardk@iia.org | 71035.2365@compuserve.com
kevin.agard@runningb.com | Fido: 1:2604/511.1 RIME: ->3
==========

2869. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-09-27 05:44:17 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep27.004417.2953@hnrc.tufts.edu>
Source record: 268083

In article <367pkl$hvs@umbc9.umbc.edu>, skowit1@umbc.edu (kowitt shai) writes:
> While we
> were playing with the pro-43, we picked up a cellular call right in the
> store, so he quickly put on a better antenna, and told me to listen quietly.
> I guess some RS sales people are really okay people.

This sounds odd. (1) The 43 requires a hardware mod and (2) it's very good at
image rejection. Could it have been a cordless phone?

2870. Re: Carter's Haiti negotiations intercepted vi

Newsgroup: rec.radio.scanner
Date: 1994-09-27 06:11:48 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <368d34$fiu@umcc.umcc.umich.edu>
Source record: 268163

In article <367f3t$8t9@newsbf01.news.aol.com>, Malxndr <malxndr@aol.com> wrote:
>What verification does anyone have that it was a SWer in the first place?

I know who did it, & that person is an "SWL."

>Does anyone have some specific information on this? What did Shaw really
>say? How do we know that this is not another "neturban legend?" Anyone
>actually hear the discussion between Carter and US Ambassador? Better
>yet--anyone get a recording?

I heard it, & have a recording, and I know of many others who also
heard it. Many ofthem posted/responded in rec.radio.shortwave, where
this item pretty much belongs.

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie: T.Tyler5 AOL: Hooligan MCI: 442-5735
Ypsilanti MI
48197 This product was not tested on any animals.

2871. Re: Pro-23 Mod

Newsgroup: rec.radio.scanner
Date: 1994-09-27 06:54:34 UTC
From: Lee_Hines@SMTP.esl.com
Message-ID: <Lee_Hines-2609942354360001@m11010.esl.com>
Source record: 268169

In article <367mo7$179@pipe1.pipeline.com>, catnip@pipeline.com (Michael J.Hogan) wrote:

-> There is a keyboard mod around for the Pro-23. In this file it
-> states to press 2,9,manual keys at the same time. It neglects
-> to tell you it wipes out your memories. It supposed
-> to do something with the 800mhz but it gives you the following
-> 13 frequencies. None of which is out of band, None of which
-> will let you search out of band. So for some odd reason there
-> programed there. Maybe there in there for the shop to test the
-> basic reception across the entire band.
->
-> Those frequencies are as follows:
->
-> CH.#: Freq:
->
-> 1 140.000
-> 2 155.000
-> 3 170.000
-> 4 410.000
-> 5 460.000
-> 6 510.000
-> 7 109.000
-> 8 118.000
-> 9 127.000
-> 10 135.000
-> 11 810.000
-> 12 860.000
-> 13 950.000
->
-> I hope this is of help to all of you who own Pro-23s
-> 50 channel scanner. Happy scanning
->
-> Michael J.Hogan
->
-> Personal Computer Traing INC

I was the person who gave Michael the incorrect information. I must apologize for the confusion. I guess I got so flustered I gave out the incorrect test mod. The CORRECT (I just tested it again to make sure it was correct) mod is 2, 9, and LOCKOUT while turning on the scanner. This also wipes all of your memory locations but gives you the following frequencies:

Channel-Frequency
1-138.150

2-162.400
3-173.225
4-406.875
5-453.250
6-511.9125
7-108.500
8-118.800
9-127.1750
10-135.500
11-157.800
12-482.3625
13-806.000
14-857.200
15-888.960
16-911.500
17-954.9125

The last 3 or 4 are out of the normal coverage area for the PRO-23 and will allow you to scan up and down in the full cellular range. Hope this helps. C-ya, Lee.

--
Lee Hines - Builder/Owner
Gator's Golf

Views expressed here are not necessarily those of my employer.

Go Gators - '91&'93 SEC Champs
Go Dolphins
(FSU.....just go away)
Friends don't let friends go to Florida State.
Work is for people who don't fish, hunt or play golf.

2872. Re: RECALLED SCANNERS AT SHACK

Newsgroup: rec.radio.scanner
Date: 1994-09-27 07:00:04 UTC
From: jpa@pacifier.com
Message-ID: <368ftk$qdi@news.pacifier.com>
Source record: 268167

In article <362v13$19a@newsbf01.news.aol.com>, laser121@aol.com (Laser 121) says:
> And don't tell me it doesn't happen , because
>it does everytime I go into Radio Shack.
If you don't like it why do you keep going back? That makes no sense? Being in a "Technical Field" for 22 years obviously you have some other way of getting the things you needother than Radio Shack? Am I right? When I find a company that I don't like, either a product or a salesperson or their service I don't continue to support them with the ever powerful consumer dollar, so why would you? Unless you really have no reason to bitch other than to hear yourself bitch!
>

Nuff Said
Jeff Anderson
jpa@pacifier.com

2873. Re: A funny thing happened at Rat Shack ...

Newsgroup: rec.radio.scanner
Date: 1994-09-27 07:06:59 UTC
From: jpa@pacifier.com
Message-ID: <368gaj$qdi@news.pacifier.com>
Source record: 268168

In article <362vlj$1fh@newsbf01.news.aol.com>, laser121@aol.com (Laser 121) says:
>
>
>Then why do they advertise "You've got questions, we've got answers" ?
>Maybe they should concentrate more on trying to give customers what they
>really need instead of trying to sell them what the sales people need to
>meet their sales quota.
What You are describing is every retail chain on the Planet! There are some salespeople in the company and everywhere, who aren't out to screw the customer, Obviously you have had a bad string of luck whereever you live, but i have also noticed that you are being screwed right off the planet through your 'Net Server! Why would you pay $50-100 a month for shitty internet service when I am sure there are much cheaper ways of getting it, you're obviously not brilliant enough to see when a computer service is screwing the hell out of you but you know it when somone says it to your face? Hmm sounds a little Biased to me! or maybe just plain stupid! And don't give me any BS about how great AOL is, I was a user for a while until I found that they would never travel at 28.8 in this Century!

2874. Re: Police Terminology

Newsgroup: rec.radio.scanner
Date: 1994-09-27 08:44:49 UTC
From: Robert Schmeltzer <shojo@delphi.com>
Message-ID: <5G6XI6x.shojo@delphi.com>
Source record: 268170

Gleb Esman <gesman@io.org> writes:

>Does anyone knows what is "PDS unit" ?
>I'm in Toronto.

Do remember the context in which it was used? It could be something official like "Police Dog Search" unit. But police also use official sounding talk for their little jokes like NHI is No Humans Involved, meaning the people involved weren't the kind of people most people would hang around. If that's the case, it PDS unit could be the drunk wagon or "Publicly Drunk & Stupid". I'm just guessing though. I used to be a dispatcher and even then it's hard to keep up with all thelingo floating around. Do you remember the context?

2875. Re: pro-46 mod question

Newsgroup: rec.radio.scanner
Date: 1994-09-27 09:26:06 UTC
From: dbarton@unix.cc.emory.edu
Message-ID: <368ofe$t6p@emoryu1.cc.emory.edu>
Source record: 268078

SDS910 (sds910@aol.com) wrote:
: In article <Cworu9.Lzp@rucs2.sunlab.cs.runet.edu>,
: jwhite@rucs2.sunlab.cs.runet.edu (Joe White) writes:

: > Does an "7A3" on my Pro-46 mean it can't be modified?

: My PRO-46 has a "7A3" on the back. It was easily modified according to
: the standard mod posted elsewhere and everywhere. Have a ball!

: Steve

I bought my Pro-46 in Jan. of this year, and it has a "10A3" sticker on the back (significance?). However, before you try clipping any diodes, etc., try the keyboard mod posted here earlier (it worked for me :-).

If you read the manual you know that holding the 2 and the 9 key while you turn the unit on will clear all memories. However if yo hold down the 2,9, and L/OUT keys while turning the unit on, you get a factory test mode that fills your first 25 memories with freq.s. The two most interesting freq.s are ch.15 (76.825 MHz) and ch.23 (888.96 MHz). Neither of these freq.s are in the scanner's normal range. You can move them to a different channel using the monitor function, and scan these new ranges in the manual mode. Best of all, no soldering!

Happy Scanning

2876. Re: Looking for mods for 8500?

Newsgroup: rec.radio.scanner
Date: 1994-09-27 09:52:14 UTC
From: Positrac@ix.netcom.com
Message-ID: <368q0e$9um@ixnews1.ix.netcom.com>
Source record: 268224

In <780352202@f747.n115.z1.ftn> Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
writes:

>
> -=> Quoting Russell Gore to All <=-
>
> RG> I am looking for mods for the bearcat 8500 scanner, can anyone help?
>
> Hi, Russell...(Any relation to Al, our Vice President?)
>
> No mods can be done on your 8500. This is the first Uniden unit that
>complies with the new law. Seems that Uniden had a lot of problems with
>birdies with the original chip and re-designed the chip. They decided to
>deal with the cellular band in the process.
>
> If this isn't the mod you were looking for, what were you looking for?
>
> Jerry
>
>

oh GOD why meeeeee? 400 dollars later !!! 3'rd Uniden will NEVER buy another!!!!!
you can kill me if I do!!!!!!! virtually that is.
can I stop looking (like finding a kid'nppd kid dead?)

2877. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-09-27 09:54:00 UTC
From: Positrac@ix.netcom.com
Message-ID: <368q3o$a2j@ixnews1.ix.netcom.com>
Source record: 268223

In <365apm$jnd@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:

>
>K1LHO (k1lho@aol.com) wrote:
>> In article <Ctt32B.7HI@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley)
>> writes:
>
>> You cirb side practitioners are all kidding yourselves. The fact is it is
>> ilegal to posess any equipment capable of receiving cellular traffic.
>
>Not true. It isn't illegal to posess any such equipment. In fact,
>such capable equipment is still being sold! But although it isn't
>illegal to posess a cellular-capable receiver (there are probably
>millions of them out there in American homes) it is technically
>illegal to monitor cellular calls. The latter, is a law that you
>have that is next to impossible to enforce. What are the
>"scanner police" going to do? Go into every American household and
>watch so they don't scan the 869 - 894 mhz range? And what are the
>"scanner police" to do with images of cellular telephone calls, which
>often appear on cheaper scanners, even though they might not even
>be cellular capable? This stuff is unenforceable. The laws that
>are coming from Congress these days is enough to make me throw-up...
>
>

Isn't the legal gray area wide than ever!!! the american way...don't get caught..

2878. Help in buying a scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-27 11:01:34 UTC
From: rcampanile@VNET.IBM.COM
Message-ID: <19940927.041413.808@almaden.ibm.com>
Source record: 268125

I am looking to buy a new handheld scanner. Can any Bearcat and Radio Shack owners recommend some models I should be looking for?I would like a unit with as many usefull features as possible as well as a wide receiving frequency range. Any pros and cons on the unit you own or any info will be appreciated. You can Email me at rcampanile@vnet.ibm.com. Thanks in advance.

Rich

2879. BC-100XLT mods wanted

Newsgroup: rec.radio.scanner
Date: 1994-09-27 12:09:45 UTC
From: dorje@ios.com
Message-ID: <369229$8a1@ios.com>
Source record: 268126

```
Newsgroups: rec.radio.scanner
Subject: BC-100XLT mods wanted
Summary:
Followup-To:
Distribution: na
Organization: Internet Online Services
Keywords:
Cc:

Looking for mods for Bearcat BC-100XLT handheld scanner. Thanx in advance,
Chuck
```

2880. Re: Mobile Scanner & 2m Radio

Newsgroup: rec.radio.scanner
Date: 1994-09-27 12:13:40 UTC
From: randolph@est.enet.dec.com
Message-ID: <369gam$aj0@mrnews.mro.dec.com>
Source record: 268145

In article <35ocu6$1pm@newsbf01.news.aol.com>, wwhitby@aol.com (Wwhitby) writes...
>My mobile scanner and 2m radio don't mix. I use a coax switch, but I
>dislike having to shut off the scanner and push the switch when I want to
>transmit. Is there any automatic switches available that sense RF and
>switch the antenna out of line? The scanner uses a feed from the FM radio
>antenna. Any thoughts and help would be greatly appreciated.

Why bother? Most if not all scanners have a limiting circuit (two diodes back
to back) in the antenna input, which keeps harmful voltages out of the front
end. If you just don't like the noise the scanner makes on transmit, turn it
down or off.
-Tom R. N1OOQ randolph@est.enet.dec.com

2881. Re: stupid salesdroid tri

Newsgroup: rec.radio.scanner
Date: 1994-09-27 12:17:49 UTC
From: randolph@est.enet.dec.com
Message-ID: <369go3$aj0@mrnews.mro.dec.com>
Source record: 268149

In article <940921020213338@totembbs.com>, mike.moffit@totembbs.com (Mike Moffit) writes...
>RS employees receive enough training to answer the questions of about
>99% of consumers. Then there's the 1% who, having no other pressing
>duties or obligations (like, for example, a life), come into the store
>to baffle the salespeople and amuse themselves.

Yes, but it CAN be quite amusing... sometimes you can get past the hovering salezoids and be left to browse with something like "I'm building a DOUBLE BALANCED MODULATOR and I need some parts!".

Some salezoids hover much more than others...

-Tom R. N1OOQ randolph@est.enet.dec.com

2882. Re: Carter's Haiti negotiations intercepted vi

Newsgroup: rec.radio.scanner
Date: 1994-09-27 12:37:26 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Sep27.123726.5873@rsd.dl.nec.com>
Source record: 268034

In article <367f3t$8t9@newsbf01.news.aol.com>, malxndr@aol.com (Malxndr) writes:
|> What verification does anyone have that it was a SWer in the first place?
|> Does anyone have some specific information on this? What did Shaw really
|> say? How do we know that this is not another "neturban legend?" Anyone
|> actually hear the discussion between Carter and US Ambassador? Better
|> yet--anyone get a recording?

Many folks (who follow r.r.s) heard both the in-flight transmission and
Bernie's questions to Carter later. This is not an neturban legend.
CNN will not reveal their sources. They frequently use both
professional and amateur monitors for tips. A few years ago they even
did a story on one of their professional monitors, a very intersting
gentleman indeed. BTW, they pay $$ for these kinds of tips which
explains why someone spilled the beans.

==
Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. or : mandr@ix.netcom.com
Plano, TX CIS: 76672,2455

In the absence of leadership, we have decided to follow ourselves.

2883. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-09-27 12:44:07 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Sep27.124407.6038@rsd.dl.nec.com>
Source record: 268033

In article <3652f2$h4f@newsbf01.news.aol.com>, k1lho@aol.com (K1LHO) writes:
|> In article <Ctt32B.7HI@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley)
|> writes:
|>
|> You cirb side practitioners are all kidding yourselves. The fact is it is
|> ilegal to posess any equipment capable of receiving cellular traffic.
|> Getting caught may be a different story, but then is it ok to make a
|> silencer if you don't get caught. Just TRY IT! Congress's intent was
|> simple, cellular calls are private, and your splitting hairs is not
|> withing the spirit (or the letter) of the law.

Uhh. Excuse me? My OKI900 is prefectly capable of receiving "cellular traffic". And I don't mean just when I using it to talk to someone else. Many cell phones can do this. And for your information cellular capable receivers (scanners) and test equipment are still _legally_ being sold in this country. According to the best estimates of the cell phone industry there are currently more cellular capable scanners in the US than there are cell phones.

==========
Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. or : mandr@ix.netcom.com
Plano, TX CIS: 76672,2455

In the absence of leadership, we have decided to follow ourselves.

2884. Re: RS PRO-51 HANDHELD

Newsgroup: rec.radio.scanner
Date: 1994-09-27 12:47:59 UTC
From: skowit1@umbc.edu
Message-ID: <36949v$4dl@xsa01.gl.umbc.edu>
Source record: 268128

In article <CwrnxK.145@freenet.carleton.ca>,
Robert E. Edmunds <az342@FreeNet.Carleton.CA> wrote:

> The 51 went back in the box and back to the Shack the next day, where
>I collected my refund and went to a Shack in another town and bought
>my beloved 43. (losing money on the deal, because the original Shack had
>the 43 at $349.99(Cdn), I had to pay $449.99 at the second location)
>
> I don't mean to bash the 51, it's a good scanner for the money. But
>if you want my opinion, spend the extra bucks for a 43 - you'll enjoy it
>more in the long run.

You payed $449.99 for the 43? The RS where I live is selling theirs off
for under $300. They said that they only had five left (and the floor model).

-Shai Kowitt
skowit1@umbc.edu
http://umbc8.umbc.edu/~skowit1

2885. Re: Allocation of RF spectrum?

Newsgroup: rec.radio.scanner
Date: 1994-09-27 12:49:40 UTC
From: bkobb@newsignals.com
Message-ID: <netnewsCwsGys.JsG@netcom.com>
Source record: 268130

Spectrum Guide: Radio Frequency Allocations in the United States, 30 MHz-300 GHz, will be available in November from New Signals Press, 800 460 0090.

It's not a scanner book per se, but a detailed review (250+ pages) of radio allocations, historical-political status and forthcoming changes in the VHF thru EHF bands. It does include who is allowed to do what in each of the 300+ bands in that range.

It's based on the U.S. table of allocations and the table's official footnotes, but goes beyond that with narratives.

It includes some of the offbeat stuff, such as Public Emergency Radio (aka Decision Information Distribution System, DIDS); Space Shot at 900 MHz; Personal Emergency Locator Transmitter Service (PELTS); personal radio at 31 GHz and others.

Spectrum Guide is directed not really to the hobbyist but to the professional/technical user. It has an index and index to bands. Price: $34.95 + 3.00 s/h. That's for book rate shipping (4-6 wks); there are other ways to ship.

73,
Bennett Kobb KC5CW
SG editor

2886. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-09-27 12:52:39 UTC
From: skowit1@umbc.edu
Message-ID: <3694in$4ed@xsa01.gl.umbc.edu>
Source record: 268129

In article <1994Sep27.004417.2953@hnrc.tufts.edu>,
Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
>In article <367pkl$hvs@umbc9.umbc.edu>, skowit1@umbc.edu (kowitt shai) writes:
>> While we
>> were playing with the pro-43, we picked up a cellular call right in the
>> store, so he quickly put on a better antenna, and told me to listen quietly.
>> I guess some RS sales people are really okay people.
>
>This sounds odd. (1) The 43 requires a hardware mod and (2) it's very good at
>image rejection. Could it have been a cordless phone?

Could have been a cordless phone. Though the salesman got all excited when he
heard it, and swore it was a cellular phone. But I didn't buy the scanner,
so his attempt at getting me excited did not work.

-Shai Kowitt
skowit1@umbc.edu
http://umbc8.umbc.edu/~skowit1

2887. Re: Carter's Haiti negotiations intercep

Newsgroup: rec.radio.scanner
Date: 1994-09-27 12:53:18 UTC
From: davidm@iglou.com
Message-ID: <-M1YkK7gX5vF071yn@iglou.com>
Source record: 268138

In article <367ch2$7jc@newsbf01.news.aol.com>, smacken@aol.com (SMacken) wrote:

> Actually the ECPA doesn't care about HF or public service.
> Only cellular and pagers.

If you believe that, then you need to re-read the ECPA. It only uses the word "cellular" twice. The ECPA also does *NOT* name any specific frequencies that you can or cannot listen to, HF or otherwise.

David KD4RMW
davidm@iglou.com

2888. Re: Is paying $$$ for 220-400Mhz worth it?

Newsgroup: rec.radio.scanner
Date: 1994-09-27 13:22:46 UTC
From: wbloss@delphi.com
Message-ID: <507WQq2.wbloss@delphi.com>
Source record: 268127

don't forget the NEW 220-222 MHz business band. Scads of licenses are being issued - look in the new USSN state books and its full of them. Haven't heard sigs yet - but they're coming!@

Wally Bloss
WB0BAV
A Human

2889. Re: <<** UUENCODED DEMO version of DTMF decoder **>>

Newsgroup: rec.radio.scanner
Date: 1994-09-27 13:39:45 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.482.000DAA03@ccm.hf.intel.com>
Source record: 268165

In article <35v5lf$nre@huron.eel.ufl.edu> shima@eel.ufl.edu (James M. Shima) writes:

>To those who expressed interest in the DTMF decoder,

>Here is the uuencoded file of the DTMF demo decoder. UUENCODE 5.22
>was used to encode it. The file has also been pk-zipped with
>PKZIP version 2.04g. Enjoy, and any feedback is welcome. The full-
>blown version is also available that contains: logging numbers to a log
>file, multiple file input mode for automatic logging, threshold control,
>and fast detection mode. There is also no limit on the amount of DTMF
>tones you can decode.

I missed the begining of this DTMF discussion - Is a particular type of sound
card required to use this program?

Thanks,

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

2890. Vancouver/Victoria Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-27 13:48:38 UTC
From: av378@FreeNet.Carleton.CA
Message-ID: <CwsJp2.MGB@freenet.carleton.ca>
Source record: 268146

I am attaching some very active frequencies for Vancouver and Victoria,
British Columbia which I have taken from various frequency books.

VANCOUVER FREQUENCIES

POLICE FIRE AMBULANCE

143.025 150.635 149.110
143.085 151.505 149.320
143.385 149.590
143.565 414.175
143.685 414.187

AIRPORT WEATHER FERRIES

118.400 Tower 162.400 153.740
118.700 Tower Seaplanes 162.425 155.410
120.500 Arrival/Departure 162.550 155.850
120.800 Arrival/Departure 155.910
121.700 Ground Control
122.200 Flight Service and Harbour Tower
123.150 Flight Service
123.200 Heliports
124.000 Tower
125.200 Miscellaneous
126.700 Flight Service
132.300 Flight Centre
133.700 Flight Centre
134.800 Flight Centre
413.2875 Miscellaneous
460.200 Miscellaneous

VICTORIA

R.C.M.P. AIRPORT AMBULANCE

140.310 119.100 Arrival/Departure and 142.095
140.370 Hospital Heliport 149.210
140.400 119.700 Tower 149.590
140.610 121.900 Ground Control 158.835
141.150 122.200 Coast Guard/Hospital Heliport
141.180 123.200 Harbour
126.200 Flight Service Hospital
126.700 Coast Guard/Hospital Heliport
130.275 Hospital Heliport
133.850 Miscellaneous

2891. Re: Should I buy a BC220XLT?

Newsgroup: rec.radio.scanner
Date: 1994-09-27 13:51:35 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.483.000DDC82@ccm.hf.intel.com>
Source record: 268166

In article <1994Sep24.063530.8194@mixcom.com> lem <lem@mixcom.mixcom.com> writes:

>I am interested in buying a scanner.

>I am currently attracted to the uniden BC220XLT but I know nothing about
>scanners or their various capabilties and applications.

>I am begging for advice here.

>Is there anything this scanner CAN'T do which, while I may not mind at
>first, will start to bug me after a while. Is there anything in a comprable
>price range which is better?

the 220XLT is a very nice scanner and I'm sure you will be happy with it. In
fact, I find myself using my 220 more than my 2500XLT - maybe its the size.
The 220 is a very full featured scanner. It is only dual conversion, but
images are not a big problem. In its price range, there is nothing better
(around $240).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

2892. Oct MT

Newsgroup: rec.radio.scanner
Date: 1994-09-27 14:02:21 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep27.090221.2956@hnrc.tufts.edu>
Source record: 268131

The problem with generally favorable reviews is that when a really good product comes along, how is one to know? Well, in his review of the 2035, BG says, comparing it to the 2006, "circuit performance is virtually identical, although FM broadcast reception is somewhat imporved over its predecessor. And the additional features justify the $50 price increase over the old model." But it would have been nice if LM, in his mini-review of the Black Box Antenna devoted a sentence to how it compared to the Select-A-Tenna.

Also, Bob's Tip of the Month has nothing to do with extended receive! Is this what I'm paying my hard earned money for? :-) [It's a joke, son . . . er, and daughter . . . oh, the heck with it!]

2893. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-09-27 14:06:40 UTC
From: parnass@ihlpf.att.com
Message-ID: <CwsKJ5.9HJ@nntpa.cb.att.com>
Source record: 268132
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: September 27, 1994 |

Introduction to Scanning
by Bob Parnass, AJ9S

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This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, where to get it repaired if required, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves between 49.67 and 49.99 MHz by their sensitive baby monitor intercom.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. Change is in the wind -- when existing stocks are depleted, it will be illegal for companies to sell scanners which cover or can be easily modified to cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have enacted laws against listening to cordless phones, but it's currently legal to listen in most states. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend many of the AOR | brand scanners.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies

into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners almost always provide more audio than portables, and portables are usually more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band unless you live in a very rural area where this band is not used. Usage of the | 800 - 950 MHz band is growing fast and you will miss | out on the action unless your scanner covers this | band.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio specifically designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to many scanner owners.

Currently, the more popular scanners include the Uniden/Bearcat 760XLT (a/k/a 950XLT) and Radio Shack PRO-2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT) and Radio Shack PRO-43 portables. A number of | owners report problems with the Uniden/Bearcat 8500XLT and | 2500XLT and new replacement models are rumored.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be somewhat more prone to lightning strikes because they are not at "DC ground."

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Wal-Mart, K-Mart, Service Merchandise, and Circuit City sell scanners, but carry just a few models. Department stores, like Sears Roebuck and Montgomery Wards, | sometimes offer low end scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- Marymac Distributing (Katy, TX) sells Radio Shack scanners at discount, but charges a 20% restocking fee for returned merchandise. Telephone (800)231-3680 and (713)392-0747.

- Scanner World (Albany, NY). Telephone (518)436-9606.

Beware of inflated "shipping and handling" charges and be sure to include these when comparison shopping.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, garage sales, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

KD4MOJ maintains a scanner modification server for people without FTP access. You can request a list of scanner modifications by sending electronic mail with the words GET INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove Enterprises for about $25. This single edition contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed

communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. It will likely disappoint experienced scanner hobbyists and is better suited for beginners. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the | public on CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The DOS access software is somewhat difficult to use and the frequencies are displayed with annoying leading zeroes.

Grove enterprises sells FCC license information on floppy disks. Disks for each state are sold separately, and the information is basically the same as the FCC "state sort," i.e., transmitter location (state/city), callsign, licensee name, and type of license. Some hobbyists find Grove's DOS access software is easier to use than the PerCon CDROM access software.

Over 15% of the FCC licenses, including many fast food | restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

I developed a process which produces a color map of FCC licensed and selected FAA transmitter sites in an area, given a center location (latitude/longitude) and a range (in miles). I call this new innovation a RadioMap(TM). It | allows you to identify antenna sites (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of interest -- from VLF through microwave. Streets, rivers, and ham radio stations are not shown as they would clutter the RadioMap. RadioMap includes key sheets which list frequencies, callsigns, and licensee names. In rural areas, ranges of up to 10 miles are possible, while ranges of 1/2 to 2 miles produce best results in urban cities.

Currently, I can produce custom color 8-1/2" by 11" RadioMaps, suitable for framing or laminating, only for | areas in Illinois, Indiana, Wisconsin, Michigan, Missouri, | New York, Ohio, and Pennsylvania. Send $19.95 ($16.95 + $3 | shipping) for each color RadioMap, your name, address, and | telephone number, along with center location (lat/long or | nearest intersection of 2 streets) to: Bob Parnass, 2350 | Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM | central time.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several

days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded, attenuating cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. Rick Christian advises these strict rules for the AOSCNet Scanner Radio Echo (as of 2/1/94):

1. No discussion of cellular modifications or discussions on how to monitor cellular transmission.
2. No discussions on topics which would violate the ECPA '84, TDDRA '93, (18 USCA 2510 et seq.) or Communications Act 1934 & 1984 as amended (47 USCA 705), i.e., decoding/reception of paging, cellular, encrypted stuff, descrambling etc..
3. No Aliases.
4. No discussion of Shortwave or Amateur Radio material (except SAREX).

For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is the foremost club for scanner radio hobbyists in the northern Illinois area. CARMA was formed from the Chicago chapter of the Radio Communications Monitoring Association (RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays at area restaurants, about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about 4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members sometimes sell radio equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year subscription is available by mailing a $10 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Many CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for the remainder of 1994. All meetings will be held on Saturdays at the Destiny Restaurant, 1440 Rand Road, Des Plaines, IL:

October 15 *
December 10

Bring a notebook and your appetite.

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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2894. How to Find Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-27 14:07:56 UTC
From: parnass@ihlpf.att.com
Message-ID: <CwsKL8.9J2@nntpa.cb.att.com>
Source record: 268133
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed September 27, 1994 |

HOW DO YOU FIND THESE SCANNER FREQUENCIES?

by Bob Parnass, AJ9S

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I am often asked, "How do you find these frequencies?" Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books

The most convenient source of fire and police frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores for under $10. Police Call is basically a computer printout of FCC license information in the fire, police, local government, and conservation services in two lists: by licensee name within state, and by frequency. Later editions have included a few pages of local airport and nonsensitive federal government frequencies.

I highly recommend Richard Barnett's 1992 book, Monitor America, published by Scanner Master Corp., and available from Grove Enterprises for about $25. This second edition is crammed full of police, fire, local government, news media, sports, national park, and commercial broadcast frequencies for all 50 states. The information was compiled mainly from members of the world's largest scanning club, the Radio Communications Monitoring Association (RCMA). Monitor America contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.

Beyond Police Call, available from several sources including Radio Shack, covers the business, schools, and other stations not covered by Police Call, its sister publication. One volume covers the entire USA, but no call signs are shown.

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide. The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $20. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is the best book in print for this difficult to obtain information.

A more accurate, but smaller and less comprehensive book is Midwest Federal Frequency Directory. It was published in 1986, and copies are getting scarce. Copies may still be available for $10 from Scan America.

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells the information on PC floppy disks for each state instead.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The DOS access software is somewhat difficult to use and the frequencies are displayed with annoying leading zeroes.

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me.

Over 15% of the FCC licenses, including many fast food | restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

I developed a process which produces a color map of FCC licensed and selected FAA transmitter sites in an area, given a center location (latitude/longitude) and a range (in miles). I call this new innovation a RadioMap(TM). It | allows you to identify antenna sites (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of interest -- from VLF through microwave. Streets, rivers, and ham radio stations are not shown as they would clutter the RadioMap. RadioMap includes key sheets which list frequencies, callsigns, and licensee names. In rural areas, ranges of up to 10 miles

are possible, while ranges of 1/2 to 2 miles produce best results in urban cities.

Currently, I can produce custom color 8-1/2" by 11" RadioMaps, suitable for framing or laminating, only for | areas in Illinois, Indiana, Wisconsin, Michigan, Missouri, | New York, Ohio, and Pennsylvania. Send $19.95 ($16.95 + $3 | shipping) for each color RadioMap, your name, address, and | telephone number, along with center location (lat/long or | nearest intersection of 2 streets) to: Bob Parnass, 2350 | Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM | central time.

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)1. Only 12 of the 21 information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau", indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'2.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information is marked 'unclassified', but all fields are furnished, including some which indicate security related usage. Grove sold this set of 33 microfiche cards for about $13. |

Two way radio equipment formerly used by the armed forces | often appears for sale at hamfests. Less often, Secret | Service and FBI radios appear there from time to time, too. | When you see such equipment, look over the radio for a | frequency label and write down the frequencies stamped on | the crystals or channel elements. Make note of any service | or property tags which specify the agency or military base | which used the equipment.

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists

about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

Since the early 1960s, I had been an amateur radio operator, and belonged to amateur radio clubs, but I never realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road
Springfield, OH 45503

Do Your Own Sleuthing

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

More about sleuthing will be discussed in Part II of this article.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

Part I of this series discussed how scanner enthusiasts can obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

What Makes Station Identification Difficult?

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters. Police and fire departments, especially those with trained radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are

given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information.

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find Dymo or P-Touch tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I examined a military manpack radio being used by

dispensary paramedics. The radio's tuning dial was set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored personnel carriers at the local county fair, each equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM radio had a set of channel select pushbuttons, much like those in a car radio. I asked a guardsman a few questions about the radio, and he demonstrated the channel preset feature. A panel above the channel pushbuttons was labeled with the frequencies: 32.055, 34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at the Marseilles armory "open house". The public was permitted to climb aboard, and observe the instrumentation and radio gear. A channel plate on the instrument cluster listed over a dozen frequencies.

Hobbyists are urged to exercise a modicum of restraint and good judgement. In New Jersey, a radio technician/hobbyist called to service a transmitter in a county building, noticed a new unattended repeater installation in the same room. Being curious about what frequency this repeater was on, he opened the access door to copy the frequencies from the radio's crystals. It turns out that this radio belonged to the US Secret Service, and opening the access door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's permission to tamper with that equipment.

Another source of frequency information is as close as your nearest Radio Shack store. Some Radio Shack stores make a local frequency list available to assist their scanner customers. Be sure to ask. Stores located in shopping malls almost always know the mall security frequencies. I often check the frequencies programmed into the floor model scanners, too.

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

How Can I Determine To Whom I'm Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot easier for me, and legal for them! (one may use FCC license microfiche, described in Part I of this article, to identify stations using call letters.) Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls. A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi

antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center (XYZ is a pseudonym for the actual licensee name.)
Lisle, Illinois

I watched the driver pick up a microphone, and listened to him on my portable scanner checking back with his "base".

All the pieces fit: the "guests", the "classes", the "instructors". Mystery solved; I had been monitoring the customer training center for a large computer manufacturer. The training center has hotel rooms and dining facilities to accommodate students from out of state. As a convenience, shuttle van service is provided to local shopping malls.

Summary

Through books, government records, and radio clubs, scanner listeners can make use of frequency information compiled by others. Two-way radio users often fail to identify their transmissions properly, making it more difficult for listeners to know who they are monitoring. By examining radio equipment labeling, and monitoring and taping transmissions, scanner enthusiasts can unearth new information.

Addresses

Grove Enterprises,
PO Box 98,
140 Dog Branch Road,
Brasstown, NC 28902.
tel (704)837-9200

Official Scanner Guide,
PO Box 712,
Londonderry, NH 03053.

Scan America,
430 Garner Drive,
Suffield, OH 44260-1557

Scanner Master,
PO Box 428,
Newton Highlands, MA 02161.
telephone 1-800-722-6701.

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1. See "The Government Giveth, the Government Taketh Away", by Richard Prelinger, in Monitoring Times, July 1982.

2. See "AFIO and the FOIA", by Bob Grove, in Monitoring
Times, September 1982.

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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2895. Re: Oct MT

Newsgroup: rec.radio.scanner
Date: 1994-09-27 14:42:13 UTC
From: rats@ihlpm.ih.att.com
Message-ID: <CwsM6E.9to@nntpa.cb.att.com>
Source record: 268135

|The problem with generally favorable reviews is that when a really good
|product comes along, how is one to know? Well, in his review of the
|2035, BG says, comparing it to the 2006, "circuit performance is
|virtually identical, although FM broadcast reception is somewhat
|imporved over its predecessor. And the additional features justify the
|$50 price increase over the old model."

The BIG question though remains unanswered: are CANADIAN versions capable of being restored to cellular w/30Khz scan? Any Canadians out there with an answer now that the scanner is out? And is the 2035 EQUALLY susceptible to intermods as the 2006 in urban areas? The 2004 whilst insensitive stood up pretty well to the AWFUL PAGER transmitters (DEATH TO PAGERS!!!!) whereas the 2006 was crunched on at least the 460Mhz Chicago police... and when will they ever install "S-Meters" on these top-of-the-line Rat Shack scanners? I'd pay $10 more for one...

2896. crstals forsale

Newsgroup: rec.radio.scanner
Date: 1994-09-27 14:45:44 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <369b6o$n2o@paperboy.gsfc.nasa.gov>
Source record: 268136

I have some crystals
37 - .850,.800,.750,.700,.650,.600
and
10 - .180,.170,.635,.625,.615,.595,.160,.140

this would read 37.850 Mhz, 37.800 Mhz....etc

I have one of each crystal

I'll sell all 14 for $5 or any offer.

2897. Wanted: The scanner modification handbook vol1&2

Newsgroup: rec.radio.scanner
Date: 1994-09-27 14:52:37 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <369bjl$n8v@paperboy.gsfc.nasa.gov>
Source record: 268137

Well , title says all. I want Bill's modification handbooks vol1 and vol2
I'll take them used or new. Any publishers numbers where I can get this?
Any scan freak out there done with their copy ?
I want these books and I want them now !!
Any help would be appreciated.
:

2898. Re: Is paying $$$ for 220-400Mhz worth it?

Newsgroup: rec.radio.scanner
Date: 1994-09-27 14:55:22 UTC
From: horak@convex.com
Message-ID: <369boq$2fs@eugene.convex.com>
Source record: 268134

In <507WQq2.wbloss@delphi.com> wbloss@delphi.com writes:

>don't forget the NEW 220-222 MHz business band. Scads of licenses
>are being issued - look in the new USSN state books and its full of
>them. Haven't heard sigs yet - but they're coming!@

But from what I've heard, it's some sort of AM sideband, similar to SSB (I'm sure someone can clarify this technical point for me) and unless you have a scanner that picks up SSB, you won't enjoy scanning these freqs much. I'll be using my MVT7100 or my pro2006 with the 455HKz line out to my SW receiver.

David

2899. Re: PRO-51 Images?

Newsgroup: rec.radio.scanner
Date: 1994-09-27 15:00:10 UTC
From: domonkos@access.digex.net
Message-ID: <tJ2YkiubG-PJ066yn@access.digex.net>
Source record: 268141

In article <199409221842.NAA02884@mail.cs.utexas.edu>, Jim Saul wrote:
> On my PRO-51 I consistantly receive strong images of the cell band in the
> 900-915 MHZ range(so I'm not monitoring any illegal freqs.). I often check
> for other images of freqs I know, but have yet to find any others. Is
> there a reason that the cell freqs. are more apt to produce images, and
> does anyone know of any other freqs that produce images on the 51.
>
>
> Thanks in Advance Jim
>
> ##
> # Jim Saul Internet: jsaul@jots1.np.atinc.com #
> # Analysis & Technology, Inc. jsaul@cc.atinc.com #
> # One Corporate Place Phone: (401) 849-5952 x3305 #
> # Middletown, R.I. 02842 Fax: (401) 847-6660 #
> ##
>
>
>
You're probably close to a cell tower.

Andy

2900. Re: Another anteana question

Newsgroup: rec.radio.scanner
Date: 1994-09-27 15:00:39 UTC
From: domonkos@access.digex.net
Message-ID: <VL2YkiubGwhH066yn@access.digex.net>
Source record: 268142

In article <cgwh.109.0010F48A@chevron.com>, Curtis Wheeler wrote:
> In article <35q8os$87c@eugene.convex.com> horak@convex.com (David Horak) writes:
>
> >In <35q2nf$hh1@herald.indirect.com> dooman@indirect.com (Randy DeForest) writes:
> >>What effect (if any) would a 3db gain anteana have on a pro-51?
> >>The anteana is manufactured by Maxrod Inc. model number MFB-9153.
>
> >I'm not sure what antenna this is but the basic result of putting an
> >antenna of more gain on the pro51 will be more stations, more images
> >(from more stations) and more intermod from already strong signals.
>
> >David
>
> Adding gain will NOT necessarily increase interference or images. Gain on
> omnidirectional antennas is generally accomplished by lowering the angle of
^^^^^^^^^^^^^^^^^^^^
> radiation, or "takeoff angle". If the source of interference is within the
> lower angle then it's apparent signal strength will increase with the antenna
> gain. While David's answer usually proves correct, it is not always true.
>
.....
>
> Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
> KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

That's transmitted gain (what we amateur radio operators are concerned with
most).

What you didn't mention was the gain on receive comes from the increase in
aperature, ie; a resonant antenna that is 'X' times the size of a ducky
will deliver X times the received signal to the receiver front end (not
taking into consideration phase cancellation at the higher freqs (UHF on up).

Andy

2901. R1 forsale $400

Newsgroup: rec.radio.scanner
Date: 1994-09-27 15:04:51 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <369caj$nfo@paperboy.gsfc.nasa.gov>
Source record: 268139
Cross-posted to: rec.radio.scanner,rec.radio.swap,alt.radio.scanner

I have a new R1 forsale $400.
comes with everything , original packing (it only been out for about 2 months)extra 1400mah 7.2v battery

0khz-1.3Ghz reception NO GAPS

original price $479 + $43 for extra battery = $522

all for $400

I'll pay shipping and will send COD

willing to read any offers/trades/questions
will try to respond as times allows.
:

2902. Re: Is paying $$$ for 220-400Mhz worth it?

Newsgroup: rec.radio.scanner
Date: 1994-09-27 15:06:29 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.115.00091BF7@chevron.com>
Source record: 268147

In article <507WQq2.wbloss@delphi.com> wbloss@delphi.com writes:

>don't forget the NEW 220-222 MHz business band. Scads of licenses
>are being issued - look in the new USSN state books and its full of
>them. Haven't heard sigs yet - but they're coming!@
>Wally Bloss
>WB0BAV

I haven't been following the status of 220 business. What type of emmisions will we find there? ACSSB? REALLY narrow FM? Digital (like 6.25KHz Astros)? I have a pile of MRT magazines above my desk here. The answers are probably there, huh?

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

2903. Pro 38 forsale

Newsgroup: rec.radio.scanner
Date: 1994-09-27 15:07:19 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <369cf7$ngj@paperboy.gsfc.nasa.gov>
Source record: 268140

```
Handheld Model Pro 38
10 channels
$50
29-54
136-174
406-512
Includes scanner,box,manual,antenna,charge plug
sorry no nicads(they died)

I will pay shipping and handling charges on any scanner.
They all receive fire,police,rescue,cordless phones.
You can call me at work (301) -286-6457 Richard
```

2904. Re: Blue/green frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-09-27 15:34:19 UTC
From: jthurs@ukelele.gcr.com
Message-ID: <jthurs.780677607@ukelele>
Source record: 268143

karayan@blitzen.cc.bellcore.com (karayannopoulos,george) writes:

>Damark's latest catalog features a pair of walkie-talkies that it calls
>"2 channel VHF transceivers." The catalog goes on to say that the tranceivers
>"feature 2-channel operation on the blue/green frequency." What are those
>freqs? Do I need a license to operate the radios? And last, but not least,
>do you think that 1 watt on those freqs would go through a quater of a
>mile through trees and houses? If not, what would you suggest I get?

George,
The blue dot freq is 154.570 MHz, green dot is 154.600 MHz
(going by the Motorola specs).
I will tell you right now that these are 2 of the most common VHF
business band freqs. They are used at many McDonalds for the
drive-thru headsets. Also, they are commonly used by many other
companies as well, especially in the retail sector.
My suggestion would be to get a scanner (I saw you have a ham
callsign) or some suitable receiver and check out how much traffic you
will have on these frequencies in the area you plan on using them.
As for licensing, I believe they must be licensed, even at just 1
watt.
As for enough power...I think you may have some problems. One watt is
not a lot of juice. I just tried running a 154 MHz portable through
similar conditions (at 1 watt, both portable radios inside the house
in a semi-hilly suburban residential area). The result was a very
scratchy, almost unreadable signal. Not to mention, this was on a
private channel (no other transmitters interfering). What you may want
to do is try tests on 2 meter ham bands (if you are licensed).
I will post another article listing some of the color dots and their
corresponding frequencies later on today.
--Jason
==========
| Jason Thurston | thurs_j@cs.odu.edu |
| Firefighter III/EMT-A | jthurs@gcr.com |
| Dumfries-Triangle Rescue Squad, Stations 3-Rescue & 17 |
| Prince William County, Virginia, USA |
==========

2905. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-09-27 16:08:17 UTC
From: wierz@caerphilly.cad.melpar.esys.com
Message-ID: <Cwsq5u.HI2@melpar.esys.com>
Source record: 268144

In article <17928INCRGKLXXBYQFG@magesinn.com>, terence@magesinn.com writes:
|>
|> That works fine for lower frequency repairs, but depending on the
|> frequency of the signal, the ground planes and manner of routing on that
|> umpteenth layer are almost as important as the continuity of the trace
|> itself.
|>
|>
|> --
|> Sent from The Mages Inn in Omaha Ne. (402-734-4748)
|>

I agree that impedence plays a part.
I started this thread by replying to wb9omc@constellation.ecn.purdue.edu
(Duane Mantick). I would guess that any digital signal in any
commercial product save a PC would work with a jumper. PC's clock at 33 Mhz
and more. I'd be comfortable jumpering, oh, 20 Mhz. Maybe more.
Anybody know what the familiar scanners clock at?

John L. Wierzbicki --- jwierzbicki@melpar.esys.com
****
* "The very atmosphere of firearms anywhere and everywhere restrains *
* evil interference - they deserve a place of honor with all that's *
* good." ------- George Washington *
* *
****

2906. Re: CE-232 and Scripts

Newsgroup: rec.radio.scanner
Date: 1994-09-27 16:14:00 UTC
From: randy.true@cccbbs.cincinnati.oh.us
Message-ID: <5017.573.uupcb@cccbbs.cincinnati.oh.us>
Source record: 268081

-=> Quoting Jeffrey Starin to All <=-

JS> Specifically, I keep seeing references within the user-contributed
JS> scripts available for use with the CE-232 on the Hertzian BBS about
JS> versions of the software greater than 1.0. Does anyone out there have
JS> such an animal?

If you purchased your CE-232 from Bill Cheek, you should have 1.3. I purchased one a couple of months after they came out and it came with 1.0, but it was less than a year when 1.3 came out. According to my manual, version 1.3 came out 01/16/93.

I also see references to a command - bank - which is
JS> supposed to turn on and off various banks on the 2006. It doesn't
JS> seem to work on my setup.

The number keys are used to turn the 10 scan banks on and off.

And would anyone know of a script which
JS> would scan or search and log hits to the reject file or memory or
JS> somewhere, and on subsequent passes not log that frequency again, over
JS> and over?

Run LOGTOUT.SCR. That's exactly what this script does.

Good Signals,

Randy

... Catch the Blue Wave!
___ Blue Wave/QWK v2.12

2907. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-09-27 16:31:03 UTC
From: dianearons@aol.com
Message-ID: <369hc7$q4h@newsbf01.news.aol.com>
Source record: 268148

In article <PlwXke-O33ND071yn@iia.org>, agardk@iia.org (Kevin Agard) writes:

>The fact is it is
>illegal to posess any equipment capable of receiving cellular traffic.

If you can state to us the specific federal statute AND THE WORDING that prohibits this then I will grant that you know what you are talking about otherwise ... <g>

2908. Re: Beyond Police Call?

Newsgroup: rec.radio.scanner
Date: 1994-09-27 16:37:28 UTC
From: pickled@ix.netcom.com
Message-ID: <369ho8$jmb@ixnews1.ix.netcom.com>
Source record: 268153

In <362opo$dch@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:

>
>Shawn4sk1 (shawn4sk1@aol.com) wrote:
>> Anyone seeing the Beyond Police Call books in RS lately? I wanted one but
>> heard they ran out awhile back... Also, if someone already has one, I
>> heard there's just a Volume 1 which covers Nationwide- how many
>> pages/listings are there for Springfield, MO? I'd imagine I'll be
>> disappointed w/my city's list anyway...
>> soliver@ozarks.sgcl.lib.mo.us
>
>They advertise that book, and have it in their 1995 catalog, but I have
>yet to find a Radio Shack in my area that stocks it. I guess I'll
>have to have one order it for me, or call 1-800-THE-SHACK, starting
>Oct. 1st, which allows phone-in mail orders.
>
I got mine at Ham Radio Outlet (1-800-854-6046). Frequencies are listed
by state - but not broken out by city within each state. I can't say
that I've been particularly impressed by it - especially since there
is no cross reference by frequency.

73's
Sandy

--
(Mr.) Sandy Herring | The brain: an enchanted loom |
| where millions of flashing shuttles |
pickled@ix.netcom.com | weave a dissolving pattern. |
Orange County, California | - Sir Charles Sherrington |

2909. Re: Ottawa 10-Codes

Newsgroup: rec.radio.scanner
Date: 1994-09-27 16:48:09 UTC
From: zenith89@bnr.ca
Message-ID: <zenith89-270994124809@47.80.2.73>
Source record: 268150

In article <191310Z26091994@anon.penet.fi>, an49831@anon.penet.fi wrote:

> Police 10-Codes, Nepean & Ottawa....

Why did you post anonymously, unless you are a COP or got this from one?

Anyway, I notice the obvious fact that Nepean uses different detailed 10 codes and Ottawa uses a (IMHO) a horrible mish-mash of a few 10 codes followed by a single letter, which they all too often forget and mispronounce anyway.

Kinda representative of the differences between the two departments, eh?

Opps, maybe I should post anonymously!!!!!!

--
Chris Van Fleet, Bell Northern Research.
Phone (613) 763-7541, fax (613) 763-7383.
Internet: zenith89@bnr.ca or ba794@freenet.carleton.ca

2910. Re: Wanted: The scanner modification handbook vol1&2

Newsgroup: rec.radio.scanner
Date: 1994-09-27 17:23:34 UTC
From: coyote@fx.net
Message-ID: <369ken$ggq@world.fx.net>
Source record: 268151

Reider. Richard 286-6457 (reider@acrux.GSFC.NASA.GOV) wrote:
: Well , title says all. I want Bill's modification handbooks vol1 and vol2
: I'll take them used or new. Any publishers numbers where I can get this?
: Any scan freak out there done with their copy ?
: I want these books and I want them now !!
: Any help would be appreciated.
: :

Grove Enterprises, inc (800) 438-8155, $29.95 for both, plus $5.50
postage.

2911. Re: RS PRO-51 HANDHELD

Newsgroup: rec.radio.scanner
Date: 1994-09-27 18:08:59 UTC
From: vonbphil@cwis.isu.edu
Message-ID: <369n3r$9i2@cwis.isu.edu>
Source record: 268152

In article <36949v$4dl@xsa01.gl.umbc.edu>,
kowitt shai <skowit1@umbc.edu> wrote:
>In article <CwrnxK.145@freenet.carleton.ca>,
>Robert E. Edmunds <az342@FreeNet.Carleton.CA> wrote:
>
>You payed $449.99 for the 43? The RS where I live is selling theirs off
>for under $300. They said that they only had five left (and the floor model).

Looks like someone got ripped.....oh well...should've kept his
Pro-51...GREAT scanner!

--
vonbphil@ucs.isu.edu

2912. Pro 51

Newsgroup: rec.radio.scanner
Date: 1994-09-27 19:14:35 UTC
From: fj033@cleveland.Freenet.Edu
Message-ID: <369qus$a06@usenet.INS.CWRU.Edu>
Source record: 268154

Since all of this discussion has come up on the Pro 51 I
thought I would put in my two cents worth. I bought a Pro 51 about
a month and a half ago and had it about a week before I returned it.
The reception on the scanner was good and the sound quality was
average. The hyperscan, keypad layout, and display were also
a commendable design. However, the annoying beep, and tons of
images combined with the annoying squelch tail after every
transmission forced me to return it. It seemed no matter how
much I turned up the squelch I would still hear the Chhhppp
on every channel.
In the mean time I have my old Pro-42 which suits me just
fine, I'll keep waiting for RS to come out with their new triple
conv. handhelds.
Anybody else with the same story please post!

Happy Trails
--
////////---\\\\\\\\\
| James A. Greenberg E-Mail fj033@cleveland.freenet.edu |
| |
|++++XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX+++++++|

2913. Bearcat Sportcat Scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-27 19:44:39 UTC
From: cb844@cleveland.Freenet.Edu
Message-ID: <369sn7$dbp@usenet.INS.CWRU.Edu>
Source record: 268155

So what is the story on the Bearcat Sportcat. I would be very
interested to read a rerview of this scanner.

Thanks
--
The revolution is coming. Be ready.

2914. Re: Receiving Morse code transmissions

Newsgroup: rec.radio.scanner
Date: 1994-09-27 19:59:14 UTC
From: dmunroe@vcd.hp.com
Message-ID: <Cwt0uq.1qF@vcd.hp.com>
Source record: 268156
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

Jerry Dallal <jerry@hnrc.tufts.edu> wrote:

>You'll hear morse code on many frequencies. Stations are required to
>identify themselves and CW is legal for id regardless of the usual mode
>of transmission.

Can my scanner (a Pro-37) receive a true CW (A1A) transmission? I've picked up id's in Morse code from Ham repeaters, but I thought those were generated tones sent out on FM.

The reason I ask is because I'd like to receive the slow-code and fast-code practice sessions sent out by W1AW on 147.555 MHz. Problem is, I've never been able to get anything. I've not been able to receive W1AW voice broadcasts either, so maybe I just need to get up on a hill or replace the rubber duck with something better.

-Dave

,--.
| / |
| Dave Munroe / Hewlett-Packard |
| dmunroe@vcd.hp.com / Vancouver, Washington |
| / |
`--'

2915. Back issues of NESN

Newsgroup: rec.radio.scanner
Date: 1994-09-27 20:25:00 UTC
From: jcosiman@clark.net
Message-ID: <369v2s$s9b@clarknet.clark.net>
Source record: 268158

I'm looking for back issues of Notheast Scanner News. While I'm at it,
I'd like some US Scanner News issues as well.

If you have any you'd like to part with, contact...

--
+---+
| jcosiman@clark.net - jcosimano@his.com |
| ^^^^^^^^^^^^^^^^^^ |
| Finger for PGP public key |
+---+

2916. Re: Handheld radio scan mods?

Newsgroup: rec.radio.scanner
Date: 1994-09-27 20:53:38 UTC
From: rouse@mayo.edu
Message-ID: <369q0d$t32@fermat.mayo.edu>
Source record: 268093

In article <1994Sep26.083817.21785@wmichgw>, <zimmer@wmich.edu> writes:

>
> Slightly off-topic, but have so far not received responses regarding this
> in an other more appropriate group.
>
> Having recently received my amateur license, I'm considering getting a
> hand held radio. At the top of my list are the Yaesu FT530 and the new
> Kenwood TH79. I'm very interested in knowing of mods for either of these
> units, in particular regarding out of band reception so that I can make
> it more like a scanner, at least some of the time. (I'm aware of the
> mod for this purpose for the Yaesu unit.)
>
> Thanks for any help, Roy
>

Roy

Maybe the TH79 is so new that mods are not widely available. I have a TH78a,
the mods are easy and worth the time. I installed the 250 channel memory
chip,its nice to have. The first place I look for mods is the ftp site
oak.oakland.edu.
Good Luck & 73s

Mark
KB0NKU

2917. Re: Police Terminology

Newsgroup: rec.radio.scanner
Date: 1994-09-27 21:25:10 UTC
From: smacken@aol.com
Message-ID: <36a2jm$354@newsbf01.news.aol.com>
Source record: 268160

In Boston "PDS" is a supervisor.

Could it be something like a Patrol District Supervisor.

Like the prev answer. You will have to listen for a while and see if you can make it out by it's context.

Sometimes different patrollmen will skip the abbreviation and say the full name.

steve

let us all know when you figure it out

2918. Need freqs for Eglin AFB & CSS Panama City

Newsgroup: rec.radio.scanner
Date: 1994-09-27 21:31:11 UTC
From: scott@redstorm.nawc-ad-indy.navy.mil
Message-ID: <199409272131.QAA13992@mail.cs.utexas.edu>
Source record: 268159
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I'm travelling to Panama City, Florida next week and would like some frequencies for Eglin AFB (especially flight test freqs) and the navy's Coastal Systems Station (CSS) and Tyndall AFB in Panama City.

Thanks in advance.

| Scott Richardson |
| scott@redstorm.nawc-ad-indy.navy.mil |
| 72237.2420@compuserve.com |

2919. Any mods for the Standard CCR708A

Newsgroup: rec.radio.scanner
Date: 1994-09-27 23:13:13 UTC
From: stone@apple.com
Message-ID: <stone-270994161336@stone.atg.apple.com>
Source record: 268161

Oh hi,

Does anyone know if it is possible to expand the range on the
Standard CCR708A communication test reciever?

-Glen

2920. Re: Receiving Morse code transmissions

Newsgroup: rec.radio.scanner
Date: 1994-09-27 23:31:21 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.116.0011864D@chevron.com>
Source record: 268089
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <Cwt0uq.1qF@vcd.hp.com> dmunroe@vcd.hp.com (Dave Munroe) writes:

>Can my scanner (a Pro-37) receive a true CW (A1A) transmission? I've picked up
>id's in Morse code from Ham repeaters, but I thought those were generated tones
>sent out on FM.

>The reason I ask is because I'd like to receive the slow-code and fast-code
>practice sessions sent out by W1AW on 147.555 MHz. Problem is, I've never
>been able to get anything. I've not been able to receive W1AW voice broadcasts
>either, so maybe I just need to get up on a hill or replace the rubber duck
>with something better.

Your scanner can surely pick up a A1A signal just as it would any other
unmodulated carrier. But all you will hear is the keying of the carrier
unless you have a BFO. W1AW is in Newington, CT - is someone carrying their
code practice on 147.555 in Washington state? Or are you expecting to hear
147 Mhz signals from Connecticut? Probably not going to happen.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

2921. Cobra SR 900's PLL2002

Newsgroup: rec.radio.scanner
Date: 1994-09-28 00:04:36 UTC
From: khorton@tech.iupui.edu
Message-ID: <CwtC7p.571@iupui.edu>
Source record: 268162

need some info on my Cobra model SR 900's PLL freq. synthisizer chip. Specifically, I want to yank the microcontroller out of it and hook it up to my computer. The scanner was originally mfgrd by Uniden, and the board has part # ph-020ad on it. The micro in it is marked UC-1101 3125.

I want to be able to add frequency searches and more memory locations. Of course I'll use my own microcontroller/ computer to run the scanner.

Kevin

--

```
-------------------------------------------------------------------------
| \_ \_ \_\_\_ \_ \_ \_ \_ \_ B5(6) t w g+ s-- r- |
| \_\_ \_\_ \_\_ \_ \_\_\_ &h48,&h65,&h6C,&h6C,&h6F,&h21 |
| \_ \_ \_\_\_ \_ \_ \_ \_ __ khorton@tech.iupui.edu __ |
| "It's 5:50 AM. Do you know \/__Can *YOU* write 8085__\/ |
| where your stack pointer is?" \/ assembly? \/ |
-------------------------------------------------------------------------
```

2922. Re: Receiving Morse code transmissions

Newsgroup: rec.radio.scanner
Date: 1994-09-28 00:08:32 UTC
From: tomb@lsid.hp.com
Message-ID: <CwtCE9.30w@hpcvsnz.cv.hp.com>
Source record: 267781
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

Dave Munroe (dmunroe@vcd.hp.com) wrote:

: Jerry Dallal <jerry@hnrc.tufts.edu> wrote:

: >You'll hear morse code on many frequencies. Stations are required to
: >identify themselves and CW is legal for id regardless of the usual mode
: >of transmission.

: Can my scanner (a Pro-37) receive a true CW (A1A) transmission? I've picked up
: id's in Morse code from Ham repeaters, but I thought those were generated tones
: sent out on FM.

: The reason I ask is because I'd like to receive the slow-code and fast-code
: practice sessions sent out by W1AW on 147.555 MHz. Problem is, I've never
: been able to get anything. I've not been able to receive W1AW voice broadcasts
: either, so maybe I just need to get up on a hill or replace the rubber duck
: with something better.

Dave, I think you are hoping for a bit much to receive W1AW on 147MHz in Vancouver, WA. -- There are lots of code practice programs for computers kicking around; perhaps that would help you. You could put the output onto cassette tapes, if you don't have a computer available where you want to practice.

This reminds me of something we are looking at adding to our club repeater, which doesn't get a whole lot of use (the 440 repeaters around here are fairly quiet most of the time). We are looking at adding code practice which could come up at specific times/days, and also be brought up with touch-tone access; the latter would probably be limited to club-member access. I'm wondering if people in netland who are interested in learning code would find something like that useful. Comments?

73, K7ITM -- Tom

2923. Re: RS PRO-51 HANDHELD

Newsgroup: rec.radio.scanner
Date: 1994-09-28 00:32:17 UTC
From: skowit1@umbc.edu
Message-ID: <36adih$4c@umbc9.umbc.edu>
Source record: 268088

In article <369n3r$9i2@cwis.isu.edu>,
long duck dong <vonbphil@cwis.isu.edu> wrote:
>In article <36949v$4dl@xsa01.gl.umbc.edu>,
>kowitt shai <skowit1@umbc.edu> wrote:
>>In article <CwrnxK.145@freenet.carleton.ca>,
>>Robert E. Edmunds <az342@FreeNet.Carleton.CA> wrote:
>>
>>You payed $449.99 for the 43? The RS where I live is selling theirs off
>>for under $300. They said that they only had five left (and the floor model).
>
>Looks like someone got ripped.....oh well...should've kept his
>Pro-51...GREAT scanner!
>
>--
>vonbphil@ucs.isu.edu
>

I was confusing the 39 and 43. The 39 was $219.95 and the 43 was $349.95 at
my local RS. So $449.99 is still too expensive. You should return it or tell
them that you will order it from some other RS. I mean $100 is $100.
Sorry about the confusion.
-Shai Kowitt
skowit1@umbc.edu
http://umbc8.umbc.edu/~skowit1

2924. Pro-39

Newsgroup: rec.radio.scanner
Date: 1994-09-28 01:16:25 UTC
From: hiattd@MCS.COM
Message-ID: <36ag59$7mg@Mercury.mcs.com>
Source record: 268164

Hi!

I have went to several local RS and they told me that the pro-51
could not be sold because it was "defective" and that a modified
model (different crystal?) would be available soon. So my question
is, will the PRO-39 pick up the same range as the unmodified pro-51?
I would like to purchase my first scanner and would like any
hints about which to get. The PRO-39 is $219. Does anyone have
a better scanner that I should look at. I really want one like
the pro-51 with its unique 800Mhz features. :)

Also, are there any other scanners that lend themselves to
modifications? Thanks again, any help would be greatly
appreciated...

don
hiattd@mcs.com

P.S. Funny thing about the PRO-51 is that each RS has a *COMPLETELY*
different explanation of why the must be "repaired." I actually
got the truth at one store. Imagine that! :)

2925. Pro-2029 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-09-28 01:19:49 UTC
From: jpwhite@rocket.cc.umr.edu
Message-ID: <1994Sep28.011949.3859@umr.edu>
Source record: 268099

Does anyone know if there are any kinds of mods/neat tricks/etc for the RS Pro-2029? I'm eager to find some (if any).

James White - jpwhite@umr.edu

2926. Radio Shack Pro-2029

Newsgroup: rec.radio.scanner
Date: 1994-09-28 01:37:32 UTC
From: John.White%bbs@dmapub.dma.org
Message-ID: <1994Sep27.213732.1410@dmapub.dma.org>
Source record: 268090

Does anyone know about any scanner modifications for
the Radio Shack Pro-2029?

.....Thanks in advance...

- John White (john.white%bbs@dmapub.dma.org)

--
John White, user of the UniBoard System @ dmapub.dma.org
E-Mail: John.White%bbs@dmapub.dma.org
The Dayton Microcomputer Association Voice: (513) 848-6362
Public Unix Access System, Dayton, OH. Data: (513) 229-3787

2927. Disney World freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-28 02:05:50 UTC
From: Troyce@bio.tamu.edu
Message-ID: <Troyce-280994080550@idmb-secretary.tamu.edu>
Source record: 268095

I'm going to Disney World after Thanksgiving, and was wondering if anyone had any of the freqs they use in the park? I'll probably be packing my little Pro-46 for listening some in the hotel room. I'll also have my HT, but have the repeater directory to take care of that.

Troyce

--

**** Read THE ELEMENT OF FIRE by Martha Wells, a Tor hardback now ****
**** out in paperback at a quality bookstore ****
**** near you. I live with the author and want to go back ****
**** Disney World this year :) ****

2928. Re: Police Terminology

Newsgroup: rec.radio.scanner
Date: 1994-09-28 02:06:20 UTC
From: randall@cygnus.sunydutchess.edu
Message-ID: <36aj2s$1gdn@admaix.sunydutchess.edu>
Source record: 268097

Skip Lombardi (lombardi@bedford.progress.com) wrote:
: I've been listening to Boston Police for several evenings, and I keep
: hearing a term I'm unfamiliar with. Also, I haven't heard a long
: enough conversation to be able to put it in context.

: The term is D.K. So far, I've heard snips like, "He DK'd." And
: "Was he DK'd?"

: Is this a universal acronym or possibly local to Boston? Any takers?

skip,
Could be drunk or decayed. Here in Poughkeepsie,n.y. They use the 10
codes for eveythingr. "10-15" is drunk I think. It depends where you are,
each department seems to have their own 10 code. I think "K-9" would be fairly
standard in most places though. I'd go in your case with decayed I think, makes
sense to me.

Tom

2929. Re: Receiving Morse code transmissions

Newsgroup: rec.radio.scanner
Date: 1994-09-28 02:34:25 UTC
From: kb7uv@panix.com
Message-ID: <36aknh$6hv@panix2.panix.com>
Source record: 268171
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <Cwt0uq.1qF@vcd.hp.com>, Dave Munroe <dmunroe@vcd.hp.com> wrote:
>
>
>Can my scanner (a Pro-37) receive a true CW (A1A) transmission?

No...

>
>The reason I ask is because I'd like to receive the slow-code and fast-code
>practice sessions sent out by W1AW on 147.555 MHz. Problem is, I've never
>been able to get anything. I've not been able to receive W1AW voice broadcasts
>either, so maybe I just need to get up on a hill or replace the rubber duck
>with something better.

147.555 MHz is VHF, line of sight propagation. Are you near Newington, CT?

> ,--.
> | / |
> | Dave Munroe / Hewlett-Packard |
> | dmunroe@vcd.hp.com / Vancouver, Washington |
> | / |
> `--'

Guess not.

It will be all but impossible for you to receive W1AW's VHF transmissions
if you're in Vancouver.

Some repeaters have audio Morse Code practice... Perhaps you can check
with local repeater clubs to find out if it is available in your area.

Good luck!

73, Andy
--
_____________________ Andrew Funk, KB7UV _____________________
| ENG Editor/Microwave Control, WCBS-TV Channel 2 News, New York |
| Internet: kb7uv@panix.com Packet: kb7uv@kb7uv.#nli.ny.usa |
| --- INSERT COMMERCIAL HERE --- |

2930. Re: Undiscovered 2006 mod

Newsgroup: rec.radio.scanner
Date: 1994-09-28 02:44:16 UTC
From: GCerny@ix.netcom.com
Message-ID: <36ala0$6ht@ixnews1.ix.netcom.com>
Source record: 268086

In <Gill.Bates-2509940444400001@firefly-slip.voicenet.com> Gill.Bates writes:

>
>I've found that if you clip the wires that feed the internal speaker,
> it does wonders for the squelch. I've not noticed any static on
>any freq since I've done this.
>
>However, I've not been getting any "hits" lately. Could it be related?
>
>:D
>

O.K. I got the power cord clipped and the cover comes off much easier
without the other 2 wires to the speaker attached, but now the tubes
won't glow anymore. Did I miss somthing?

2931. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-09-28 02:46:40 UTC
From: GCerny@ix.netcom.com
Message-ID: <36aleg$6k7@ixnews1.ix.netcom.com>
Source record: 268087

In <367ar1$eoo@jupiter.planet.net> billsohl@earth.planet.net (Bill Sohl Budd Lake) writes:

>
>K1LHO (k1lho@aol.com) wrote:
>: In article <Ctt32B.7HI@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley)
>: writes:
>
>: You cirb side practitioners are all kidding yourselves. The fact is it is
>: ilegal to posess any equipment capable of receiving cellular traffic.
>
>It is NOT illegal to own equipment that can receive cellular. If such
>was the case, then the hundreds of thousands of existing cellular
>scanners and other radio receivers which can receive cellular
>would all be illegal to own. Neither the ECPA nor the more recent
>FCC regulations on manufacture and importation of cellular
>capable scanners (after 4/26/94) in any way made any existing
>equpment illegal to own.
>
>: Getting caught may be a different story, but then is it ok to make a
>: silencer if you don't get caught. Just TRY IT! Congress's intent was
>: simple, cellular calls are private, and your splitting hairs is not
>: withing the spirit (or the letter) of the law.
>
>Please elaborate on what specific law(s) make having or possessing
>a cellular capable scanner/receiver illegal in the USA. Nothing
>in the laws was ever intended to outlaw any existing equipment.
>
>--
>Bill Sohl K2UNK (billsohl@planet.net)
>Budd Lake, New Jersey
>

Heck, owning a cellular phone could be illegal too. Nuts & Volts has
run articles on how to put some OKI and Motorola hand helds into scan
mode.

2932. Re: Receiving Morse code transmissions

Newsgroup: rec.radio.scanner
Date: 1994-09-28 03:23:37 UTC
From: arctic@access.digex.net
Message-ID: <arctic.780722520@access2>
Source record: 268092
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

dmunroe@vcd.hp.com (Dave Munroe) writes:

>Jerry Dallal <jerry@hnrc.tufts.edu> wrote:

>>You'll hear morse code on many frequencies. Stations are required to
>>identify themselves and CW is legal for id regardless of the usual mode
>>of transmission.

>Can my scanner (a Pro-37) receive a true CW (A1A) transmission? I've picked up
>id's in Morse code from Ham repeaters, but I thought those were generated tones
>sent out on FM.

>The reason I ask is because I'd like to receive the slow-code and fast-code
>practice sessions sent out by W1AW on 147.555 MHz. Problem is, I've never
>been able to get anything. I've not been able to receive W1AW voice broadcasts
>either, so maybe I just need to get up on a hill or replace the rubber duck
>with something better.

>-Dave
The reason you can't, is that VHF is line of sight, so if you're farther than
20-50 miles (since W1AW is in Connecticut..), you won't be able to hear it.
Look for a cheap shortwave radio at a yard sale, with a "BFO" control.

2933. Re: Ottawa 10-Codes

Newsgroup: rec.radio.scanner
Date: 1994-09-28 03:51:32 UTC
From: fmdavis@bnr.ca
Message-ID: <36ap84$23b@bmerha64.bnr.ca>
Source record: 268174
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <zenith89-270994124809@47.80.2.73>
zenith89@bnr.ca (Chris Van Fleet) writes:

> Anyway, I notice the obvious fact that Nepean uses different detailed 10
> codes and Ottawa uses a (IMHO) a horrible mish-mash of a few 10 codes
> followed by a single letter, which they all too often forget and
> mispronounce anyway.

Actually I've heard the dispatcher say "10-11 fight" and "10-50 no injuries"
so I think they'd avoid the alphabets. Reminds me of when they tried out
the metric system many moons ago and quickly dropped it. "Suspect is 168cm
tall, 85 kilograms...". I could envision the cops with their calculators
furiously punching buttons, figuring out what the hell that means in english.
I wonder how much chaos that caused in the short span of time they used it.

> Kinda representative of the differences between the two departments, eh?

Until Bob "all_Ontario_should_be_like_Toronto" Rae shoves the Regional
Force down our throats.

> Opps, maybe I should post anonymously!!!!!!

Nahhh...

~~~~~~
Fred M. Davis VA3FD | These opinions are mine and are not
Nepean, ON. | necessarily those of my employer
~~~~~~

2934. Re: A funny thing happened at Rat Shack ...

Newsgroup: rec.radio.scanner
Date: 1994-09-28 03:54:02 UTC
From: laser121@aol.com
Message-ID: <36apcq$9mk@newsbf01.news.aol.com>
Source record: 268172

In article <368gaj$qdi@news.pacifier.com>, jpa@pacifier.com (jeff anderson) writes:

>What You are describing is every retail chain on the Planet! There are >some salespeople in the company and everywhere, who aren't out to screw >the customer, Obviously you have had a bad string of luck whereever you >live, but i have also noticed that you are being screwed right off the >planet through your 'Net Server! Why would you pay $50-100 a month for >shitty internet service when I am sure there are much cheaper ways of >getting it, you're obviously not brilliant enough to see when a computer >service is screwing the hell out of you but you know it when somone says >it to your face? Hmm sounds a little Biased to me! or maybe just plain >stupid! And don't give me any BS about how great AOL is, I was a user >for a while until I found that they would never travel at 28.8 in this >century!

First of all Jeff, I have accounts on six different networks and I just happened to be on AOL the night I decided to post on the Net. Not that it's any of your business what I spend a month for a net server but spending ten times the amount you quoted a month wouldn't bother me (not that it makes a flip). As for not being brilliant, I just happen to have 22 years of experience in electronics and communications, I happen to own several businesses and I have at one time or another worked for General Electric, United Artist, Pan Am and NASA (not that that makes a flip either).

Now if I understand you correctly, you work for Radio Shack is that right? Must be at least a couple of months judging from the content of your post. Maybe you'd have better luck posting in alt. rec. 17 year old with pimples. Everybody's got to start somewhere. Let me know when you get up to speed with the rest of us. I can always use a good laugh.

Have a nice day!

2935. Re: Yo Yo

Newsgroup: rec.radio.scanner
Date: 1994-09-28 03:57:28 UTC
From: cmundy@blkbox.com
Message-ID: <36apj8$gdc@blkbox.blkbox.COM>
Source record: 268075

Sauron (sauron@hamshack.com) wrote:
: I've got a "bearacat" uniden sportster scanner... i found some fun stuff to
: do
: with it.. but besides little shit things.. what can i do?

: --- Renegade v5-31 Exp
: * Origin: Shadows In The Rain BBS - 708.305.3491 (666:69/26)

I give up. What can you do with your sportster?

2936. Re: Yo Yo

Newsgroup: rec.radio.scanner
Date: 1994-09-28 04:02:03 UTC
From: cmundy@blkbox.com
Message-ID: <36aprr$gdc@blkbox.blkbox.COM>
Source record: 268076

Sauron (sauron@hamshack.com) wrote:
: I've got a "bearacat" uniden sportster scanner... i found some fun stuff to
: do
: with it.. but besides little shit things.. what can i do?

: --- Renegade v5-31 Exp
: * Origin: Shadows In The Rain BBS - 708.305.3491 (666:69/26)

2937. Wanted AR-3000A

Newsgroup: rec.radio.scanner
Date: 1994-09-28 04:04:43 UTC
From: cmundy@blkbox.com
Message-ID: <36aq0r$gdc@blkbox.blkbox.COM>
Source record: 268077

The subject says it all. Willing to offer a good price. E-Mail me, or call me at 713-680-8663 (H) or 713-989-3608.

2938. Re: RECALLED SCANNERS AT SHACK

Newsgroup: rec.radio.scanner
Date: 1994-09-28 04:05:04 UTC
From: laser121@aol.com
Message-ID: <36aq1g$9tt@newsbf01.news.aol.com>
Source record: 268173

In article <368ftk$qdi@news.pacifier.com>, jpa@pacifier.com (jeff anderson) writes:

>Nuff Said
>Jeff Anderson
>jpa@pacifier.com

Is there any particular reason that feel compelled to follow me around the net like a little lost puppy and post a response to ALL my posts? What are you some kind of Radio Shack flake? Grow up and quit wasting everyone's time with the garbage your posting. Go back to alt. twit and stay there!

END OF CONVERSATION

2939. Re: Wanted: AOR AR1000XLT Opinions

Newsgroup: rec.radio.scanner
Date: 1994-09-28 05:15:05 UTC
From: fb487@cleveland.Freenet.Edu
Message-ID: <36au4q$k9l@usenet.INS.CWRU.Edu>
Source record: 268079

My experience with the AOR 1000XLT was mixed. It was good above 30 MHz. The ShortWave was terrible. Your better off getting the AOR 1500XLT. Has better AM ShortWave Reception and also comes with SSB. That's My Opinion - I've owned both.

--

Mark Smalley
1111 Barbeau Drive
Saginaw, MI 48603

2940. Re: Pro 51

Newsgroup: rec.radio.scanner
Date: 1994-09-28 05:30:23 UTC
From: fever@winternet.com
Message-ID: <36av1f$267@blackice.winternet.com>
Source record: 268124

James A. Greenberg (fj033@cleveland.Freenet.Edu) wrote:
: Since all of this discussion has come up on the Pro 51 I
: thought I would put in my two cents worth. I bought a Pro 51 about
: a month and a half ago and had it about a week before I returned it.
: The reception on the scanner was good and the sound quality was
: average. The hyperscan, keypad layout, and display were also
: a commendable design. However, the annoying beep, and tons of
: images combined with the annoying squelch tail after every
: transmission forced me to return it. It seemed no matter how
: much I turned up the squelch I would still hear the Chhhppp
: on every channel.
: In the mean time I have my old Pro-42 which suits me just
: fine, I'll keep waiting for RS to come out with their new triple
: conv. handhelds.
: Anybody else with the same story please post!

I did the exact same, only kept the scanner a bit longer to play with, since I don't own another scanner :) I bought it on sale ($199) too, and felt kind of bad returning it, knowing that it was going to a great scrap pile, or going to be replaced, or have it's insides redone...

Oh well, I'm thinking of buying an Icom R1 now...

2941. Re: Any mods for the Standard CCR708A

Newsgroup: rec.radio.scanner
Date: 1994-09-28 06:26:20 UTC
From: David Josephson <davidj@rahul.net>
Message-ID: <Cwttvx.8E@rahul.net>
Source record: 268080

In <stone-270994161336@stone.atg.apple.com> stone@apple.com (Glen Stone) writes:

>Oh hi,

>Does anyone know if it is possible to expand the range on the
>Standard CCR708A communication test reciever?

ONly mod I know of for this is to enable the cellular range, if it's
disabled in yours, just a diode clip on the processor/front panel pcb.
--
David Josephson / Josephson Engineering / San Jose CA / david@josephson.com

2942. NOAA 11

Newsgroup: rec.radio.scanner
Date: 1994-09-28 07:11:00 UTC
From: stuart@zephyr.manawatu.planet.co.nz
Message-ID: <092894191157Rnf0.78@zephyr.manawatu.planet.co.nz>
Source record: 268111

I guess this might not be exactly the right newsgroup to post this question but anyhow. Does anyone know what the story is with NOAA 11? It's been putting out some strange sinc and no pic for a while now.

Stuart Brown
Waitahora,
R.D.1,
Dannevirke,
New Zealand.
--

2943. Re: HT600 Freq

Newsgroup: rec.radio.scanner
Date: 1994-09-28 08:52:47 UTC
From: agardk@iia.org
Message-ID: <v94Yke-O3ZKU071yn@iia.org>
Source record: 268091

In article <367297$5s6@nunki.usc.edu>,
davidhun@nunki.usc.edu (David Hunter) wrote:
>Hi there!
>
>I'm another guy new to scanning. Friend of mine introduced me to it, and soon
>enough, I ended up buying a Pro-51. Lotsa fun! :)
>
>I am wondering if anybody has the freqs on which the Motorola HT600(?) operates
>on. If so, could you drop me a line through e-mail? Thanks.
>

Dave,

I doesn't work that way. Portable radios operate on whatever freq they are programed to. If my service is licensed on 155.280, I tell the dealer that when I perchace the radios and that is how they are programed.

KMA

++
Kevin M. Agard, BS, EMT-P Hoboken, NJ
++
Director | Senior Clinical Instructor
Emergency Medical Training Associates| Hudson County EMS Training Center
agardk@iia.org | 71035.2365@compuserve.com
kevin.agard@runningb.com | Fido: 1:2604/511.1 RIME: ->3
==

2944. WANTED: Bearcat 200/220xlt

Newsgroup: rec.radio.scanner
Date: 1994-09-28 08:57:44 UTC
From: basura_br@swam1
Message-ID: <1994Sep28.085744.1@swam1>
Source record: 268103

```
Wanted:

Bearcat 200/220xlt Scanner

basura_br@swam1.enet.dec.com
```

2945. COMPUTER to control/program radios w/2400 Baud int. modem $250.00

Newsgroup: rec.radio.scanner
Date: 1994-09-28 12:16:02 UTC
From: mc@shore.net
Message-ID: <36bmq2$r8p@shore.shore.net>
Source record: 268101
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

FOR SALE: GREAT for portable ham packet radio, BBSing, Internet, device programming, desktop radio or scanner control use.....

Original NEC UltraLite notebook computer:

4.4 pounds with 2 new batteries

V-30 processor @ 9.83 MHz

640 K or RAM

2400 Baud Hayes compatible internal modem

Backlighted LCD screen (CGA)

1 MB of internal storage (RAM disk backed up by battery)

DOS v3.3 on ROM (also includes LapLink, SETUP util and MicroSoft File Manager)

New - Refurbished unit in original box w/90 day NEC factory warranty.

With power supply/battery charger, serial cable, documentation,

Also included: software - excellent mini communications pgm with embedded Z-modem only 35K, LapLink, many utils. You'd be surprised what you can get on a 1 M silicon hard drive if you try.

This setup is excellent for Ham packet radio, BBS/InterNet access and any data captured can easily be uploaded to another machine using LapLink which is included. Its also very suitable to portable use to program radios, cellular phones, word processing, spreadsheet, etc. ROM cards are available (Cheap!) from DAK with Lotus 1-2-3, WordPerfect, Agenda, and more.

Sell complete including shipping for $250.00

If interested send e-mail message to:

Michael Crestohl KH6KD/W1
mc@shore,net

2946. Re: Pro-2029 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-09-28 12:29:07 UTC
From: corwin@cedre2.ensta.fr
Message-ID: <36bnij$kbr@ici-paris.ensta.fr>
Source record: 268102

In article <1994Sep28.011949.3859@umr.edu>,
James White <jpwhite@rocket.cc.umr.edu> wrote:
>Does anyone know if there are any kinds of mods/neat tricks/etc for the RS
>Pro-2029? I'm eager to find some (if any).
>

Well! I was beginning to wonder if anyone except me had bought a 2029!

I don't know of any mods, but I got the complete service manual of this scanner from Radio Shack. It seems that the scanner uses all of the possibilities of the PLL... It should be switcheable from 68-88 MHz to 30-54 MHz for it's VHF/lo band, but the RF circuits are not there, so reception is null if you program it for 30-54... You'd need to hack a complete RF circuit for 30-54... (schematics are given in service manual).

The PLL is a custom made ASIC, by General Research Electronics, in Japan, but they wouldn't give me technical information on this chip, saying that only Radio Shack will and can give it. Problem is that in the documentation given by RS, some on the circuit's pins have names (S24/BP0, S25/BP1...), but are marked as not connected, their meaning being not explained... Shucks!

The chip is GRE-0811. GRE can be reached at 00-81-3-34-04-36-36. If you feel like trying!

Cheers!
Gilles.

--
---------------<([Gilles Gravier -- corwin@ensta.fr])>---------------
I know you believe you think you understand what you thought you heard me say, but I am not sure you realize that what you thought you heard is not what I meant.

2947. Yaesu FT-530

Newsgroup: rec.radio.scanner
Date: 1994-09-28 12:54:05 UTC
From: robert1159@aol.com
Message-ID: <36bp1d$fti@newsbf01.news.aol.com>
Source record: 268096

In article <369q0d$t32@fermat.mayo.edu>, rouse@mayo.edu writes:

Regarding the Yaesu Ft-530 modification consisted of getting in there and
clipping an inch long green wire. it's very easy to do.

My 530 now transmits and receives from 127-180 and from 400-471
most excellent! It does scan kinda slow.. you have to get used to that.

2948. Re: Pro-39

Newsgroup: rec.radio.scanner
Date: 1994-09-28 12:57:21 UTC
From: domonkos@access.digex.net
Message-ID: <gNMYkiubGAy5066yn@access.digex.net>
Source record: 268094

In article <36ag59$7mg@Mercury.mcs.com>, Don Hiatt wrote:
> Hi!
>
> I have went to several local RS and they told me that the pro-51
> could not be sold because it was "defective" and that a modified
> model (different crystal?) would be available soon. So my question
> is, will the PRO-39 pick up the same range as the unmodified pro-51?
> I would like to purchase my first scanner and would like any
> hints about which to get. The PRO-39 is $219. Does anyone have
> a better scanner that I should look at. I really want one like
> the pro-51 with its unique 800Mhz features. :)
>
> Also, are there any other scanners that lend themselves to
> modifications? Thanks again, any help would be greatly
> appreciated...
>
> don
> hiattd@mcs.com
>
> P.S. Funny thing about the PRO-51 is that each RS has a *COMPLETELY*
> different explanation of why the must be "repaired." I actually
> got the truth at one store. Imagine that! :)

I recommend the 39, it is hardware modifiable (took me 30 minutes, start to finish) and has the same ranges as the 51. It scans a bit slower and there's no service search, but the images fall in the right places for me so as not to interfere w/what I listen to.

Andy

2949. Repair Tips for Bearcat Scanner Radios

Newsgroup: rec.radio.scanner
Date: 1994-09-28 13:29:36 UTC
From: parnass@ihlpf.att.com
Message-ID: <CwuDHE.HLo@nntpa.cb.att.com>
Source record: 268028
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info,sci.electronics.repair

Last changed: July 12, 1994 |

REPAIR TIPS: BEARCAT SCANNER RADIOS |

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Introduction |

The original Bearcat scanner line was manufactured by |
Electra of Cumberland, Indiana. In the mid 1980s, Uniden |
bought out the Bearcat scanner line and Uniden's first |
Bearcat scanner was the 800XLT model. |

Most of the models discussed in this article are |
base/mobile units made by Electra during the 1970s and |
1980s. Electra stamped all of its scanners with a |
manufacturing date code on the rear of the cabinet. The |
code is comprised of a single character (C = Cumberland, |
Indiana, P = Puerto Rico), followed by four digits denoting |
year and week the radio was built. For example, "P8422" |
denotes the radio was made in the Puerto Rico factory |
during the 22nd week of 1984.

Schematics and Parts Available |

Schematic diagrams may be obtained from Uniden/Bearcat's |
parts department, (317)842-2483. |

G & G Communications (telephone 716-768-8151) is a family |
owned company which repairs scanners and stocks parts for |
several older models, especially Electra/Bearcat and |
Regency brands. They are located at 9247 Glenwood Drive, |
LeRoy, NY 14482. |

Electronic Repair Centers in Franklin Park, Illinois |
(telephone 708-455-5105) has been repairing Bearcat |
scanners for several years. They charge a flat $45 repair |
rate for programmable and $30 for crystal scanners, and |
shipping is extra. Electronic Repair Centers will fix |
Regency scanners if they can obtain the parts. |

Bad Solder Joints Common

Before addressing specific symptoms, circuit boards in the malfunctioning scanner should be inspected for poor solder joints.

The Electra/Bearcat BC350, BC300, BC250, BC220, BC20/20, | BC211, BC210, and BC210XL models were hand assembled, and every one I've serviced had several connections that were either soldered poorly, or not soldered at all.

Resoldering joints on the ribbon cable connecting the RF and keyboard logic circuit boards in a BC250 attenuated the microprocessor/synthesizer hash noise noticeably.

A Bearcat 20/20 was experiencing periodic loss of memory on some, but not all channels. When the problem occurred, the frequencies on some channels would be completely changed. On other channels, the frequency would still be intact, but the channel would be locked out, and the delay toggled from "on" to "off". Some channels were not affected.

The 2 "AA" memory backup batteries, and their holder, tested good. Much time was spent tracing logic, heating and cooling components, and making voltage measurements.

One of the secondary leads from the power transformer was connected to the main circuit board through a hole drilled through foil traces on both the top and bottom sides of the board. A close examination revealed that this lead had been soldered only on the top of the board - the bottom side had never been soldered.

Soldering the lead on both sides of the board solved the memory loss problem. |

Symptom: Blank Display

The BC300 scanner, and several other Bearcat models, employ a switching type power supply stage to generate plus and minus voltages in excess of 20 volts DC. When this switcher fails to function, the display goes blank, but the squelch control appears to work, and white noise can be heard in the speaker.

In two of the BC300 scanners I've fixed, C98, a capacitor in series with the primary of the switching transformer | failed, causing the output of the supply to drop below the | level needed to power the display. The switching transformer is mounted on the RF circuit board, and is much, much smaller than the main power transformer, which is usually fastened to the metal chassis. The 22uF/16V * capacitor used for C98 in early BC300s was marginal, and was replaced with a 47uF/25V capacitor in later units.

I recently replaced the 22 uF capacitor in the switching power supply stage of a BC210XL which caused the same symptom. Other capacitors in the switcher stage have failed. C114, a 4.7 uF/35V tantalum capacitor failed in at least one BC250, causing the display to blank.

A more sinister problem affects the switcher in earlier models. The switching supply stage in the BC250 and original BC210 is driven by a clock signal derived from a custom Exar NC57902 divider integrated circuit (designated | IC6 in the BC250 scanner). I've seen this divider IC fail in several BC250s, causing a blank display (except for a decimal point in the BC250's rightmost digit). This custom IC is no longer available from Uniden. |

Symptom: Invalid Frequency Displayed

A common Bearcat 250 malady is manifested by an invalid frequency displayed on the readout. This condition is temporarily "cured" by unplugging the AC line cord from the wall, then replugging it. This condition is symptomatic of a power supply problem in which Q204, a Texas Instruments TIP-29 located on the feature circuit board, fails.

A Philips ECG291 will work as a substitute for the TIP-29. | Don't try a Radio Shack substitute, it hasn't worked. See Martin Toomajian's article, "Bearcat 250 Erratic Display Cure", in January 1987 Monitoring Times. *

A similar problem in the Bearcat 20/20 was discussed previously in the section on bad solder joints. |

Symptom: Squelch Won't Eliminate White Noise

Most Uniden/Bearcat base/mobile scanners feature an AUTO squelch position, actuated by rotating the squelch knob fully counter clockwise. The BC350 used a separate pushbutton switch for this purpose. These scanners use a | flimsy potentiometer (designated R81 in BC300s) internally mounted on the RF circuit board, to set the level of signal required to open the squelch when in the AUTO position. This pot also has an effect on the squelch action in the non-AUTO mode, and determines at which point the squelch knob must be positioned in order to silence the radio.

Although the potentiometer is adjusted at the factory, changes in component values due to aging often necessitate readjustment of this internal pot. Misadjustment of this pot has been the cause of "no squelch" complaints in two BC300s and a BC250 I fixed.

Another squelch failure is due to a blown transistor that acts as the electronic switch in the squelch circuit. I replaced this transistor in only one BC300, so I don't know

if this is a common problem. |

Symptom: Scanner Completely Dead

In Bearcat scanners using an internal power supply (e.g., BC350, BC250, etc.), the main power transformer is connected directly to the AC line. Since the on/off switch is on the secondary side of the transformer, current flows in the primary as long as the AC line cord is plugged into an active AC outlet. These transformers contain an internal circuit breaker, not visible without unwinding (destroying) the transformer. The internal breaker is known to fail prematurely in a batch of Bearcat power transformers.

If your scanner is completely dead, check the primary of this transformer for an open circuit condition. |

Symptom: Keyboard Bounce

After much use, the Chromerics keyboards in Bearcat scanners start to wear out. The first sign of trouble is usually keyboard bounce on the most frequently used key, | e.g., the MANUAL key. Replacement keyboards are usually available from UNIDEN, but replacement requires dexterity, as one must take care not to tear the flat, flexible strip connecting the keyboard to the logic board. |

Symptom: Keyboard Completely Unresponsive

The keyboard matrix is "scanned" by the microprocessor. Another problem is when none of the keys seems to function; the receiver just keeps scanning in spite of key depressions. I found this condition in a BC210XL scanner owned by a heavy smoker. Perhaps nicotine smoke was to blame, as the resistance between two input port pins on the microprocessor was down to about 1000 ohms, fooling the microprocessor into believing that a key was stuck in the "down" position. Scraping the circuit board between the two pins with an X-Acto knife fixed the problem. |

Other Problems

Complaints of low audio output and occasional microphonics | in a Uniden/Bearcat 800XLT was caused by a bad 47 ufd electrolytic capacitor in series between the external speaker jack and audio amplifier.

--
==========
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2950. Buying a Used Scanner Radio

Newsgroup: rec.radio.scanner
Date: 1994-09-28 13:30:10 UTC
From: parnass@ihlpf.att.com
Message-ID: <CwuDIA.Hn4@nntpa.cb.att.com>
Source record: 268029
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed September 12, 1994 |

BUYING A USED SCANNER RADIO

by Bob Parnass, AJ9S

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Anybody with enough money can buy a brand new scanner, but you can save lots of money if you get a good deal on a used scanner. Hamfests are probably the best place to find used radios, but you must be familiar with the equipment. Hamfests are repleat with older radios you won't see in today's catalogs.

At last count, there were over 70 scanners and monitor receivers of various brands in my collection. I purchase most of my receivers at hamfests or horsetrade with other radio hobbyists. This article describes a few of the FM receivers in my collection, and is not meant to be complete.

A Used Scanner May be a Broken Scanner

Getting a bargain is not without some risk. I have had sellers look me square in the eye and tell me their radio worked fine -- when it really didn't.

Buying a used portable scanner is riskier than buying a mobile or base model. Portable scanners are subject to more physical abuse and many have been dropped. If a radio has been dropped, the laws of probability dictate that the first point of impact was probably a corner, so be sure to examine each corner for evidence of trauma.

Scanners used in mobile service are subject to vibration, dust, and temperature extremes. This shouldn't dissuade you from buying a used mobile scanner, but be aware of possible complications.

You should have some recourse if the radio you buy turns out to be defective.

If you can't fix the radio yourself, you can pay to have the manufacturer or a service clinic repair it for you. Several people have been pleased with Electronic Repair Center, in Franklin Park, IL, which repairs scanners for a flat fee. Call them at (708)455-5105 to find out their current rates. G & G Communications (telephone 716-768-8151) is another scanner repair company. This family owned company repairs scanners and stocks parts for several older models. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Evolution of the Scanner

It helps to understand some scanner history before shopping for a used scanner. You will likely see radios from many vintages at a hamfest, and should avoid buying early units unless you are a scanner collector.

One of the earliest ancestors to the scanner was the converter. Manufactured by Tompkins (Tuneaverter), Petersen, Bearcat (Lil Tiger), Midland, and others, converters were made to operate in conjunction with AM radios. Then came wide band monitor receivers, in both tunable and crystal control models, like the Radio Shack PRO-2B. Truthfully, converters and tuneable FM receivers are interesting but don't work well by today's standards.

While tuneable receivers were in vogue, solid state technologies supplanted tubes. Better performing, narrow band crystal controlled units, like the Sonar FR-105, followed. These units did not scan, rather channel selection was accomplished using a simple rotary switch. Sonar even made a 24 channel unit, model FR-2513, in which crystals were held in a rotary "turret."

The earliest scanners, like the 1968 vintage Bearcat BCH, | BCL, and BCU models, did not provide individual channel | lockout capability. Electra didn't use the term "scanner" | and instead called these innovative radios "business | receivers." Other models, like the SBE Sentinel, employed | a "Channel 1 Bypass" switch so a user could lockout channel 1.

The first scanners came in single band models, followed by multiband models. As two-way radio users started to populate the 450 - 470 MHz band, consumers were forced to pay a premium for UHF scanner coverage. Some multiband scanners, like the Electra's Bearcat III, required an optional circuit board for each band.

There were scanner mutations, designs which never evolved -- odd combinations of AM broadcast receivers with VHF-FM receive capability, like the flamboyant turquoise Sonar

Sentry FR-103 portables, Electra's Jolly Roger, and GE's Surveyor series. Lafayette Radio Electronics offered a few CB transceivers with VHF receiver capability. These poor performers didn't interest consumers of that era and you should avoid these models unless you are a scanner collector.

The first programmable (crystal-less) scanners were difficult to program. Users had to look up frequencies in a code book and tediously program the information into the scanner in binary form. Some models, like the Bearcat BC-101, Radio Shack COMP 100, and Tennelec MCP-1, resembled Altair or PDP-8 computers, with a row of 16 or so toggle switches. Instead of toggle switches, the Regency WHAMO-10 was programmed by breaking teeth from metal combs. The SBE Optiscan (and its Sears clone) required poking a series of holes in plastic cards which were then inserted into a slot on the front panel.

Keyboard Programmable Scanners

Both Bearcat and Regency, as well as Radio Shack offer some good models. I would avoid the Bearcat 100, and scanners made by AOR, JIL, Fox, Tennelec, and Robyn.

Scanner features often differ not only by model but by manufacturer. For instance, most Radio Shack and Bearcat programmables allow enable/disable of the delay function on a per-channel basis. Older Regency units permit the delay to be enabled/disabled only globally, that is, for all the channels at one time.

Radio Shack scanners contain a reasonable number of features. All the older Radio Shack scanners were made by General Research Electronics (GRE). Uniden began making scanner models for Radio Shack in the late 1980s, and now supplies about half the Radio Shack scanners. The older GRE-made models scan a bit slowly and have a higher level of synthesizer noise. Most have too much hysteresis in the operation of the squelch control, but this can be fixed completely by replacing one resistor. Good, detailed shop manuals are available for Radio Shack units for $5 - $12.

In the name of cost cutting, some models have done away with the concept of a "channel bank", i.e. the ability to select/deselect a group of channels at a time. The bank concept was a good one. It may be inconvenient to operate a 30 channel scanner without banks (e.g. Regency MX3000, HX1000) if you operate the way many scanner hobbyists do.

If you want to buy an American-made scanner, you will have to buy an old model. A few years ago, the Regency and

Bearcat scanner lines were purchased by Uniden, a Japanese company, and production was moved to Asia.

My favorite VHF/UHF receivers are the 300 channel Radio Shack PRO-2004, the newer 400 channel PRO-2005 and PRO-2006, and the ICOM R7000 and R7100. The ICOM models are more "communications receiver" than a conventional scanner.

Other favorites include the Bearcat 300 and 760XLT, Regency M400, and the Regency K500 (predates the M400), all of which include a "service search" feature.

For portable use, I prefer the Radio Shack PRO-43 and Uniden/Bearcat 200XLT.

Obtaining Crystals

If you do purchase a crystal controlled scanner or monitor receiver, you will probably want to buy more crystals to cover local frequencies.

Scanner crystals may be ordered from your local Radio Shack store or from one of the companies below. Be sure to specify the operating frequency you want and the brand and model of scanner.

Some companies may ask you to send a schematic of the scanner or require more detailed information, like series or parallel resonance, load capacitance, etc.

American Crystal Co.
1623 Central Ave.
Kansas City, KS 66102
tel. 913-342-5493

Bomar Crystal Company
201 Blackford Ave.
Middlesex, NJ 08846
tel. 908-356-7787

Cal Crystal Lab Inc.
1142 N. Gilbert St.
Anaheim, CA 92801
tel. 714-991-1580

International Crystal Mfg Co.
11 N. Lee Ave
Oklahoma City, OK 73102
tel. 405-236-3741

Jan Crystals
Box #-6017
Fort Myers, FL 33911
tel. 813-936-2397

Monitor Crystal Svc
124 W Walnut St Watseka, IL 60970
tel. 815-432-5296

ICOM

R-7000: At about $1000, this was once the top VHF/UHF receiver. 99 channel, multi mode coverage from 25-2000 MHz with a small gap at 1000-1025 MHz. Memory can be expanded to 198 channels by adding simple switch to pin 19 of memory IC8. Tuning knob lets you tune through parts of the spectrum much easier than using the SEARCH mode on conventional scanners. Selectable USB/LSB allows reception of new amplitude compandored sideband (ACSB) stations. S-meter doubles as discriminator meter to aid tuning. Useful search and store feature, reminiscent of the the Bearcat 250, searches between 2 limits and automatically stores new frequencies into channels 80-99. Audio and control interface for tape recorder. Noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Searches and scans slowly but can be sped up to about 12 cps by adding a resistor. Too big for permanent mobile use, but too nice to leave alone in the car. If you don't want to spend $1000, get a Radio Shack PRO-2004/5/6 instead.

R-7100: At about $1300, this is the Cadillac of VHF/UHF receivers. 900 channel, multi mode continuous coverage from 25-2000 MHz. The radio RF/IF/AF portions of the R7100 are similar to the older R7000, but the R7100 is constructed using surface mount parts. Both the R7000 and R7100 are much more immune to intermod than the Uniden/Bearcat 760XLT and the portable PRO-43. The firmware in the R7100 is much more sophisticated. 9 banks of 100 channels. Further, you can associate each channel with 1 of 10 groups. Many possible ways to scan. 10 pairs of search limits. Search and store ("memory write") scan mode lets you store 100 frequencies instead of the 20 in R7000. Another R7100 improvement is that you can program up to 100 channels for the R7100 to skip while searching. R7100 has 2 VFOs ("windows"). Both the R7000 and R7100 scan slowly compared with PRO-2004 and PRO-2006, and that's a drawback. Both the R7100 and R7000 employ a noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Scanning a mixture of VHF and UHF frequencies serenades the Icom user with a very annoying clickety-clack, clickety-clack!

UNIDEN/Bearcat and Electra/Bearcat

Bearcat III (Electra): 8 channel crystal controlled scanner. Requires optional front-end circuit board for VHF-low, VHF-high, and UHF bands, but only 2 boards can be

installed within the radio at the same time. Two crystal filters. No aircraft band coverage nor rescan delay. Front mount speaker sounds good. Strong local oscillator radiation often causes interference with other scanners in the same house.

Bearcat IV (Electra): 8 channel crystal controlled scanner. Newer version of Bearcat III but has better IF filtering and contains front-end circuitry for VHF-low, VHF-high, and UHF bands. No aircraft band coverage. Three crystal filters. Front mount speaker sounds good. No rescan delay.

Bearcat 12 (Electra): One of the last decent crystal controlled scanners. 10 channels. Variable scan speed up to 20 ch/sec. Single delay on/off switch. Front mount speaker sounds good. Manual contains schematic. Selectivity is poorer than programmable models, like the 300, allowing adjacent channel interference. Covers VHF-low, VHF-high, and UHF bands but no aircraft band coverage. Crystal positions must be arranged by band.

BC101 (Electra): First Bearcat synthesized unit. 16 channels, no priority. Frequency programmed in binary by setting toggle switches on front panel after looking up code in code book. No frequency readout. Uses custom IC for CPU, now discontinued, so factory authorized service is no longer available. I have four of these units. DC operation requires optional mobile power supply.

BC100 (Electra): First programmable portable scanner. Be prepared for at least one repair in the first year. Early units, with threaded antenna connector, have high frequency of repair, particularly LCD readout, keyboard, and battery holder. No battery backup. Poor case design in early units caused battery to disconnect from radio, resetting microprocessor and clearing memories. No priority channel or aircraft band. Some people swear by the BC100, others swear at them.

BC220 (Electra): 20 channels. Reasonable number of features but 20 channels doesn't seem enough. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC20/20 (Electra): A BC220 but with 40 channels. A maximum of 20 channels can be scanned at one time. Reasonable number of features. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC250 (Electra): 50 channel model, rich in features, but lacks aircraft band and 144-146 MHz. Search and Store

feature extremely useful for finding federal frequencies. Clock. High frequency of repair. Power transistors not heat sinked adequately, causing heat damage to surrounding components and circuit board. Failure of Q204 on the feature board known to cause odd display readings. Digital circuitry very sensitive to glitches caused by static and AC line spikes. Avoid 1978 or earlier vintage units. All BC250s use custom ICs (e.g., IC6, a divider chip, mfd. by Exar), which are now discontinued, so factory service is no longer available from Uniden.

BC260 (Electra): Super heavy duty metal cabinetry and lit controls, aimed at mobile use for firemen, police, etc. Few frills, only 16 channels, no aircraft, but generous coverage of federal bands omitted in the older Bearcat scanners. Good sensitivity. Lots of audio. Good internal construction. Backlit keyboard allows operation in the dark, but the keyboards on some units require high pressure to operate. Brightness control for display and keyboard, but multiplexor circuitry for vacuum fluorescent display produces audible whine which may be annoying in a quiet room. Backlighting may fail in some units due to poor contact on connector used to fasten light panel to front circuit board. 9 volt regulator transistor Q28 (TIP29) may fail, causing blank display while leaving audio intact. Method of connecting an external speaker is awkward.

BC300 (Electra): 50 channel top of the line scanner. Service Search feature contains 11 ROM banks of preprogrammed channels. Switching power supply failure noted in early units due to insufficient capacitance - component value was changed in newer units. Schematics show at least 100 components changed between earliest and later units. Preset squelch pot, mounted internally on circuit board, misadjusted in new units - adjustment usually required after burn-in period. Good sensitivity. Built in clock. I leave it on 24 hours a day. This is a favorite.

BC350 (Electra): 50 channels in 5 banks. Includes aircraft. Used to be Bearcat's top of the line, overpriced scanner but never very popular. Dual use keyboard and display allowed 8 text characters to be associated with each channel, a feature clumsily implemented, and awkward to use. Units plagued with various hardware problems including bad memory ICs and short life power transformers. Firmware bugs without cures. The BC300 is a much better scanner than the BC350, and at a lower price.

800XLT (Uniden): 40 channels in two banks. Covers 806-912 MHz, as well as of vhf, uhf, and aircraft bands. Receives

10 meter fm and all of 6 meters, as well as federal portions of vhf and uhf bands. Fewer birdies on vhf-lo band than other scanners. Scans and searches very fast. Clean, robust audio output. Extremely sensitive, but very prone to overload by strong signals when connected to outdoor antenna. Too much play (hysteresis) in squelch adjustment - can be improved by changing one resistor. Positive terminal in memory backup battery holder installed backwards in early units, allowing memory loss when scanner unplugged from AC outlet. Tunes in increments of 12.5 KHz on 800 MHz band, whereas cellular telephones are on 30 KHz channels.

BC100XLT (Uniden): Excellent 100 channel portable with 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Generous coverage of conventional bands, including commercial aircraft, but no 800 MHz. Decent leather-like case. Slide-on 550 mAH NiCd battery pack.

BC200XLT (Uniden): Excellent 200 channel version of BC100XLT portable scanner but includes 800 MHz band. 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Decent leather-like case. Slide-on NiCd battery pack.

Regency

TMR series: First generation crystal scanners. Come in all varieties of band coverage. Models with both UHF and VHF bands must use separate antennas for each band (disadvantage in mobile installations, but can be overcome by connecting two front ends via a capacitor). Not sensitive enough to cover the entire 30 - 50 MHz range in a single model. There three versions of VHF-low band coverage depending on the part of the 30 - 50 MHz band covered (LL, LM. and LH). TMR scanners use unsocketed incandescent bulbs for channel indicators which require periodic replacement. Easy to crystal: Radio Shack crystals work well. TMRs usually $2 and up at hamfests, often in poor condition. Don't pay more than $50, even if mint. Front ends must be tuned for selected portions within the bands for best sensitivity. Wide IF selectivity troublesome in urban/suburban areas. Primitive digital scanning circuitry may become confused at times. but power off/on restores sanity. Replace aging capacitors in the scanning circuits. You can find a TMR8H eight channel high band unit most often.

TME series: The base versions of the TMR models. Both the TME and TMR models share many common circuits but the base versions contain speakers mounted on the front panel. The

most common TME model is the TME8 H/LM eight channel dual band scanner in a metal cabinet with wood coloring.

ACTR series: Replaced the Regency TMR units. By the time Regency made the ACTR units, they no longer offered different models for different parts of the 30 - 50 MHz band. Look for the later ACT series, e.g., ACTR-106 (10 channel tri band) or ACTR20/6 (20 channel tri band), used light emitting diodes for channel indicators instead of incandescent bulbs. Available in 1 to 20 channel models - most are multi band receivers. Somewhat wide selectivity. Not all that bad a deal if cheap.

ACTE series: The base versions of the ACTR series. The ACTE and ACTR circuitry is similar, although the base versions contain speakers mounted on the front panel. The most common ACTE model is the ACTE8 H/L eight channel dual band scanner in a black metal cabinet.

WHAMO-10: Regency's first synthesized scanner. Appearance more like a crystal scanner, with a single LED per channel. User has to break off teeth on a metal 'comb' for each channel according to a code book. External frequency control unit DFS-5K optional. UHF VCO reference oscillator drifts on some units. Soldered sheet metal shields around some circuitry make access to some components difficult for servicing. Comb sockets prone to bad connections after moderate use. Not recommended due to maintenance difficulties.

K500: Nice wood-like cabinet. 40 channel model with every feature Regency could dream of in one scanner, except aircraft band. Idle tone bypass feature for mobile phone stations works about 50% of the time. Weather alert feature. Service Search in several banks. Search and Store facility not implemented as well as BC250, but better than none. Built in clock when radio off or in manual mode. Can be programmed out of band. Reasonable performance, but sensitivity could be better. Spring contacts on membrane keyboard may need soldering after prolonged use.

K100: Bare bones version of the K500. 10 channels, no priority feature. Same wood-like cabinet and reasonable performance as K500. Spring contacts on membrane keyboard may need soldering after prolonged use.

M400: 30 channel replacement for K500. Service Search, but no aircraft. Easily programmable out of band. Built in clock when radio off or in manual mode. Backlit keyboard good for night viewing and mobile use but generates RFI into nearby SW receivers. A favorite.

MX3000: 30 channel replacement for M400, but basic features only. Nice lit keyboard, but may cause RFI into nearby SW receivers. Easily programmable out of band, but no aircraft. All 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Good first scanner.

M100: 10 channel unit. Same as MX3000 except different color and fewer channels. Nicely lit keyboard, but may cause RFI into nearby SW receivers.

HX1000: Good, fairly rugged, 30 channel handheld synthesized unit. Generous out of band coverage but no AM aircraft coverage. Built by Azden. Very sensitive on UHF, but annoying audio hiss leaks through speaker when squelched. Belt clip chintzy, but can be directly replaced with better clip from Kenwood TR2600A. Like the MX3000, all 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Low discount price makes this best choice for programmable portable.

HX650/H604: 6 channel crystal portable. Likely made by Sanyo. Same as Fannon and Bearcat Thin Scan units, (except that Bearcat has 10.8 MHz IF frequency, and is harder to get crystals for), but scans faster. Small size and common crystals (available at Radio Shack), make this 1st choice for bare bones portable scanner.

Radio Shack

PRO2004: Top of the line, wide band scanner for 1987. After a diode is cut, enjoy continuous coverage from 25-520 and 760-1300 MHz, AM, NBFM, and WBFM. Has 300 channels in 10 banks of 30, backed up by conventional 9 volt alkaline battery. Any channel can be designated the priority channel. Scans and searches fast. Lots of well designed features, like 10 pairs of search limits, Lockout Review, default search increment and emission mode. Sound Squelch allows skipping dead carriers during search or scan. Metal cabinet, good internal construction and shielding, but no mobile mounting bracket or DC power cord. Soft touch membrane keyboard. Good sensitivity and selectivity. Very good radio.

PRO2005: Radio Shack's top of the line scanner for 1989 and scanner of choice. Essentially a size reduced PRO-2004 with surface mount components and 400 channels. Some people think the small knobs, smaller display, and plastic cabinet are a setback from the 2004. The smaller size, real rubber keyboard, and vertical front panel make it easer to use mobile, although there is no mobile mounting bracket available and the keyboard is not backlit. More

sensitive than the PRO-2004 but 800 MHz signals leak through into the commercial aero band. Highly recommended.

PRO2006: Radio Shack's 1994 top of the line scanner. Essentially the same as PRO-2005 but scans faster. Probably the best scanner made to date. Highly recommended.

PRO34: Portable scanner with 200 channels and 800 MHz coverage. Ten "monitor" channels. Operates from AA cells. Slow scanning, low audio output, and chintzy plastic case detract from an otherwise good performance. No decent leather case available from Radio Shack. If you need a portable with 800 MHz, get a Bearcat 200XLT. If you can't get a 200XLT, get a PRO-34.

PRO2021: Base/mobile scanner. 200 channels in 10 banks, LCD display and raised rubber keys. Lots of memory but scans too slowly and lacks 800 MHz. Ten "monitor" channels. Radio Shack seemed to have an overstock of 2021s as they were on sale for such a long time. Close out price dipped to about $200, which made it a nice scanner for beginners.

PRO2001: Early, single bank 16 channel programmable. Reasonable coverage of the 3 traditional bands, minus aircraft band. LED digital display as well as an LED per channel. Mechanical lockout switch for each channel. Delay is either on or off for all channels at a time. High synthesizer noise level. Troublesome plated through holes on digital board in some units renders radio virtually unfixable. Could never get mine to work more than a few days in a row; always another bad connection. Some owners have no trouble.

PRO52: 8 channel VHF-Lo/Hi base unit. No UHF band or provision for mobile operation. Good little scanner despite limited frequency coverage and Spartan lack of frills. Crisp squelch action and good audio, helped by a front mounted, vertical speaker.

PRO2003: Radio Shack's 1986 top of line. 50 channels + 10 FM commercial broadcast band channels. Includes aircraft. Good frequency coverage and functionality, but at a high price. Poor human engineering: difficult to read keyboard makes the PRO2003 hard to operate unless in a well lit room. Keyboard label coloring improved on newer units. Rather slow scan rate and high price. Although there are provisions for 12VDC operation, the cabinet shape and lack of mounting bracket makes mobile operation impractical. Scan rate only 8 channels/sec vs. 15/sec in Regency and Bearcat. Causes RFI: Plastic case permits scanner to

radiate signals into nearby receivers.

PRO30: 16 channel programmable portable with aircraft band. Good frequency coverage. Extra controls on top allow control of SCAN, MANUAL, and PRIORITY functions while worn on belt. Good belt clip. Low audio output. Plastic case prone to break at BNC antenna connector under severe use, vs. metal frame in Regency HX1000. High price, no discounts or sales yet. I had 6 or 7 PRO30s, having to return them several times during the 1 year warranty, although other owners have had little or no trouble. Troubles included oscillation in IF stage, no UHF band reception, case broken around base of antenna connector, etc.

PRO24: Only 4 channels in this crystal controlled portable. Covers the three basic bands, but no aircraft. Easy to obtain batteries and crystals. Characteristic Radio Shack squelch problem, fixable by changing one resistor. All-plastic case larger than Bearcat Thin Scan and clones.

Craig (division of Pioneer)

4530: Japanese 10 channel crystal controlled 3 band unit. Also available under Plectron name but in different cabinet. No aircraft band. Deluxe features like priority, trimmer capacitors for netting each channel, front panel speaker, and rugged metal cabinet make this unit a winner. Channel lockout slide switches have finite life. Replacing burned out incandescent channel lamps not fun. Grab a 4530 if you find one in good condition.

Sonar:

Sonar made several crystal controlled scanners and channelized monitor receivers which shared the same RF circuitry. Each radio was housed in the same size metal case and worked on both 120 VAC and 12 VDC. The models differed in the number of channels, the band coverage, and whether individual channels could be locked out.

Although they used a 10.7 MHz first IF, Sonar radios require parallel resonant crystals different from the common series resonant crystals used in Regency and Radio Shack scanners. Some Radio Shack crystals will work in Sonar units, but more often they oscillate a few kHz off frequency and are unsuitable unless changes are made to the oscillator circuitry. Therefore, beginners should avoid these radios. Typical Sonar squelch has long time constant causing a long noise burst at the end of each transmission.

FR-104, FR-105: 6 channel monitor receivers covering 25 - 50 MHz or 150 - 175 MHz. Manual channel selection, i.e.,

no scanning. Early models are identified by an 11 pin connector on the rear and they could be used with an optional NiCd battery pack and charger which bolted to the rear panel. Later models used Cinch Jones connectors with flat contacts. Optional tone decoder board.

FR-2512, FR-2513: 24 channel versions of the FR-104 and FR-105 monitor receivers. Manual channel selection, i.e., no scanning.

FR-2514, FR-2515: 8 channel scanners. Channel 1 priority. Recommend you avoid these models as there is no way to lockout a channel from the scan sequence.

FR-2526, FR-2526, FR-2528: 10 channel scanners covering various combinations of 3 bands. Each channel could be locked out. Channel 1 priority.

Sonar Model	#chan- nels	VHF low	VHF high	UHF scans?	lock- outs?
FR104	6	X			no
FR105	6	X			no
FR2512	24	X			no
FR2513	24	X			no
FR2514	8	X		yes	no
FR2515	8	X		yes	no
FR2526	10	X		yes	yes
FR2526	10	X	X	yes	yes
FR2528	10	X	X	yes	yes

Table 1. Summary of Sonar base/mobile monitor and scanner receivers

Tennelec

Manufactured the first synthesized scanners. Company went out of business several years ago. Schematics and parts difficult to obtain. Radios reputed to be poor performers. Got my MS-2 and MCP-1 basket cases for free and sometimes regret taking them. Not worth fixing unless you have access to DTL/RTL chips and circuit diagrams.

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2951. PRO-39 Mod Please (by e-mail)

Newsgroup: rec.radio.scanner
Date: 1994-09-28 14:34:46 UTC
From: basura_br@swam1
Message-ID: <1994Sep28.143446.1@swam1>
Source record: 268113

Hello,

Would someone be kind enough to send me the mod's for a PRO-39. I don't have access to FTP so I am unable to get them myself.

Thanks,
Brian

basura_br@swam1.enet.dec.com

2952. BC200XLT MOD

Newsgroup: rec.radio.scanner
Date: 1994-09-28 14:57:47 UTC
From: mike@profitmaker.com
Message-ID: <30299VHGFUWHFGODXES@profitmaker.com>
Source record: 268036

Can anyone tell me if there is a MOD available to make the BC200XLT receive the 26.000-35.000 freq range to pick up CB radio and 10 meter HAM? Thank you.

Mike

2953. Re: Pro 51

Newsgroup: rec.radio.scanner
Date: 1994-09-28 15:00:49 UTC
From: horak@convex.com
Message-ID: <36c0f1$2ge@eugene.convex.com>
Source record: 268098

In <369qus$a06@usenet.INS.CWRU.Edu> fj033@cleveland.Freenet.Edu (James A. Greenberg) writes:

>I bought a Pro 51 about
>a month and a half ago and had it about a week before I returned it.
>However, the annoying beep, and tons of
>images combined with the annoying squelch tail after every
>transmission forced me to return it. It seemed no matter how
>much I turned up the squelch I would still hear the Chhhppp
>on every channel.
>Anybody else with the same story please post!

I bought mine for $199 on sale, just before they pulled them off the shelves. I didn't like the beep either, so I cut the trace on the CPU board that controls the beep. No more beep! Also, like you, I didn't like the squelch tail after every transmission so I piggybacked a 118K SMT resistor on top of the 1Meg resistor that has to do with the squelch tail. No more annoying squelch tail! These mods took all of ten minutes at an ESD approved workstation.

For $199, 50 channels per second scan and 100 channels per second search, I can live with the double conversion.

If it's broke, FIX IT!

David

2954. R7000/7100 Wanted

Newsgroup: rec.radio.scanner
Date: 1994-09-28 15:27:14 UTC
From: JCSCOTT@pacbell.com
Message-ID: <36c1rf$1pd@gw.PacBell.COM>
Source record: 268030

I am looking for an ICOM R700 or R7100.
Jon Scott
510-823-8626

2955. Freqs. for State College, PA

Newsgroup: rec.radio.scanner
Date: 1994-09-28 16:21:56 UTC
From: anw104@psu.edu
Message-ID: <anw104.156.2E899824@psu.edu>
Source record: 268100

Greetings, y'all!
I'm looking for all frequencies in the State College, PA and University Park,PA (Penn State Univ. main campus) area. Thanks in advance!!!

-Alvin
anw104@psu.edu

2956. Re: Pro 51

Newsgroup: rec.radio.scanner
Date: 1994-09-28 16:52:35 UTC
From: moy@xp.psych.nyu.edu
Message-ID: <9409281657.AA11189@xp.psych.nyu.edu>
Source record: 268104

: horak@convex.com (David Horak) transmitted,

]In <369qus$a06@usenet.INS.CWRU.Edu> fj033@cleveland.Freenet.Edu (James A. Greenberg)
writes:
]
]
]>I bought a Pro 51 about
]>a month and a half ago and had it about a week before I returned it.
]>However, the annoying beep, and tons of
]>images combined with the annoying squelch tail after every
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]minutes at an ESD approved workstation.
]
]For $199, 50 channels per second scan and 100 channels per second search,
]I can live with the double conversion.
]
]If it's broke, FIX IT!
]
]David

Greetings,

I recently posted modifications that could help you come to an
agreement with your PRO-51.

I think the '51 was a steal at $199, when it was on sale, but
questionable at its original price of (I think) $299. Yes, it does
have poor image rejection up high, but this falls under the Your
Mileage May Vary clause--the radio may be excellent in some areas,
useless in others.

For the record, DOUBLE CONVERSION is *NOT* the reason why a receiver
would have poor image rejection. It's because the receiver front-end,
especially when tuned high, like around 800-900MHz, really can't
reject a signal only 21.6MHz (with a 10.8MHz IF) away from the desired
signal. I don't fault the PRO-51 for having double conversion.

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

2957. http site address

Newsgroup: rec.radio.scanner
Date: 1994-09-28 17:23:14 UTC
From: 31mangla@wmich.edu
Message-ID: <1994Sep28.132314.21866@wmichgw>
Source record: 268035

Somebody recently posted a http site for scanners, could you repost or mail me that address.

Thanks

Usman

2958. Re: police MDT

Newsgroup: rec.radio.scanner
Date: 1994-09-28 17:24:15 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CwuoCG.92L@freenet.carleton.ca>
Source record: 268108

In a previous article, jankowiak@fallout.lonestar.org () says:

>I would like to monitor the text on the Dallas police MDT's.. Does anyone have
>any info on this system?
>
>
Reposted from a previous article:

> Just have a question I thought I'd throw at everyone: Does any-
>body know if it is at all possible to monitor the CADRE signal the
>Police use for their MDTs. I shoudn't use the word monitor as I
>realize you can hear it but more specifically can it be interpret-
>ed. As close as I can figure, it must be similar to some form of
>Packet Radio although probably encrypted. I asked Bill Cheek on
>his bulletin board and he stated that he personaly didn't know much
>on the subject but that he had heard of it being done before.
> Anyway maybe someone here might be able to shed some light on the
>subject (Perhaps some irrate employee at Christie & Walthers might
>want to release some secret info. He he he!)
> I'm 10-7 duty,

All you need to monitor CADRE is a CADRE number, a password and an
Ottawa Police MDT! The system uses propriety software written by
MDI/Motorola. As well as it's own Operating System and chipsets. I
believe that the system is running at 4800 baud but it could be
9600. All units have to sign-on to CADRE you can hear them say
their CADRE numbers when they sign on via voice radio. If the
CADRE system is anything like the in-house system then the officer
will then gain access with his password, as the CADRE number seems
to work like an e-mail address, but with a RTS two way connection.
The officer can also be sent messages (like email). So the only
way for sure to monitor CADRE is to join the Ottawa Police Service
only people in the comm centre or the computer centre can monitor
all the CADRE traffic. BTW Nepean and Gloucester have their own
BTW: the mainframes (in-house are DEC's running UNIX and Oracle.

10-4

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

2959. NEED DIRECTION FINDING EQUIPMENT...

Newsgroup: rec.radio.scanner
Date: 1994-09-28 18:02:48 UTC
From: hutchine@river.it.gvsu.edu
Message-ID: <36cb48$g2n@news.it.gvsu.edu>
Source record: 268105
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

I am STILL looking for a doppler reciever to use for VHF radio direction finding...If any one has one, or knows of someone that has one for sale, then PLEASE E-mail me with info and price...TNX in advance...

--
=-=-=-

2960. Re: <<** UUENCODED DEMO version of DTMF decoder **>>

Newsgroup: rec.radio.scanner
Date: 1994-09-28 18:12:15 UTC
From: shima@eel.ufl.edu
Message-ID: <36cblv$38a@huron.eel.ufl.edu>
Source record: 268107

Brett,

The demo accepts either Creative Lab's Soundblaster .VOC sound files (8-bit) or
8-bit binary files (2's complement data). This means your recordings
of the DTMF tones must conform to one these sound file types.

The REGISTERED version works with the following file types:

1) Creative Lab's sound files (.VOC)
2) Microsoft Windows RIFF WAVE files (.WAV)
3) Raw binary files (2's complement).
4) ASCII list of files to process.

and also includes other features the demo doesn't have.
Any questions, email me.

J.M. Shima
shima@eel.ufl.edu

2961. Re: Pro 51

Newsgroup: rec.radio.scanner
Date: 1994-09-28 18:15:00 UTC
From: horak@convex.com
Message-ID: <36cbr4$3gr@eugene.convex.com>
Source record: 268106

In <9409281657.AA11189@xp.psych.nyu.edu> moy@xp.psych.nyu.edu writes:

>: horak@convex.com (David Horak) transmitted,

>]For $199, 50 channels per second scan and 100 channels per second search,
>]I can live with the double conversion.
>]
>]David

>Greetings,

>I recently posted modifications that could help you come to an
>agreement with your PRO-51.

I haven't had a disagreement with mine yet :-)

>I think the '51 was a steal at $199, when it was on sale, but
>questionable at its original price of (I think) $299. Yes, it does
>have poor image rejection up high, but this falls under the Your
>Mileage May Vary clause--the radio may be excellent in some areas,
>useless in others.

Yes, it was a steal at $199. It has images all over the place;
not just "high", but on VHF too.

>For the record, DOUBLE CONVERSION is *NOT* the reason why a receiver
>would have poor image rejection. It's because the receiver front-end,
>especially when tuned high, like around 800-900MHz, really can't
>reject a signal only 21.6MHz (with a 10.8MHz IF) away from the desired
>signal.

It may not be the reason the unit has poor image *rejection* but the
by-product of the double conversion is that images are abundant in
places where you really don't want them to be. Triple conversion puts
the images way out of the band you're scanning, sort of compensating for
the negative effect of that wide "front end".

>I don't fault the PRO-51 for having double conversion.

It wouldn't do any good anyway :-)

>Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

David

2962. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-28 18:39:04 UTC
From: rdervan@mindspring.com
Message-ID: <rdervan.148.0012A742@mindspring.com>
Source record: 268058

In article <CwFw0u.A4D@freenet.carleton.ca> av378@FreeNet.Carleton.CA (Laurence Kearley) writes:

>An easier way to listen in on the action both in the airport and on the
>plane is to use an Optronics AM Interceptor.

Errr... Air Freqs are FM, just above the normal FM radio stations.
108-117 are nav aids and 118-136 are voice.

-Richard

2963. Yagi Antena question.

Newsgroup: rec.radio.scanner
Date: 1994-09-28 18:45:24 UTC
From: allds@indirect.com
Message-ID: <allds.2.0013C208@indirect.com>
Source record: 268045

Can some-one help me..??

A friend just gave me a Yagi directional antena.......

I have a Pro-39 and wanted to know if I should install this Yagi on my roof,
and what kind of reception or distance or what I will get with it??....

I am not familiar with external antena's.....is this a good one for me?

Thanks for any help.

_/_/_/

2964. How many scanners sold each year?

Newsgroup: rec.radio.scanner
Date: 1994-09-28 18:49:02 UTC
From: copeland@metronet.com
Message-ID: <Cwus9r.9BH@metronet.com>
Source record: 268112

Anybody know how many scanners Radio Shack sells each year?

How about how many scanners exist in the USA?

--

| copeland@metronet.com |

2965. Re: Pro 51

Newsgroup: rec.radio.scanner
Date: 1994-09-28 19:17:11 UTC
From: horak@convex.com
Message-ID: <36cffn$lkr@eugene.convex.com>
Source record: 268109

In <36cbr4$3gr@eugene.convex.com> horak@convex.com (David Horak) writes:

>In <9409281657.AA11189@xp.psych.nyu.edu> moy@xp.psych.nyu.edu writes:

>>I recently posted modifications that could help you come to an
>>agreement with your PRO-51.

>I haven't had a disagreement with mine yet :-)

After reading my previous post I decided I may have come across as ungrateful. Thanks to Moy and his mods (and I think some thanks is due to Bob Parnass along the line too), I do have a pro51 that is much easier to live with!

David

2966. Pro-2035: Any Opinions?

Newsgroup: rec.radio.scanner
Date: 1994-09-28 19:35:26 UTC
From: dbarton@unix.cc.emory.edu
Message-ID: <36cghu$p0g@emoryu1.cc.emory.edu>
Source record: 268110

Just picked up the new Radio Shack catalog, and got a glimpse of the new Pro-2035. 1000 memories, 50 channel per second capability,otherwise seems to be the same specs as the 2006. Has anyone had any experience with these units? I pretty much have my heart set on a new Pro-2006, but cellular is not very important to me (but there are other thigs in that band that I listen to), and if the performance and computer interface capabilities are similar, I might go with the 2035.

Does anyone know if you can get similar memory capacity/scan speed with the 2006 if modified? I am in the process of pulling down the mods, but there are so many! (What a nice problem.)

Thanks.

2967. digital squelch?

Newsgroup: rec.radio.scanner
Date: 1994-09-28 21:24:39 UTC
From: mrw13@namaste.cc.columbia.edu
Message-ID: <36cmun$1gd@apakabar.cc.columbia.edu>
Source record: 268042

What is a digital squelch? I am familiar with PL-Tones/CTCSS, but I was told
that the radios on the frequency I am trying to monitor use a digital squelch
when openning up to transmit. Before a broadcast I do hear what sounds
like a "digital squelch" (I presume that's what it is), but how do I program
this into my ham radio so that the squelch will not open unless it receives
that digital squelch?

Thanks,

Marc Wollemborg
<mrw13@columbia.edu>

2968. Re: HT600 Freq

Newsgroup: rec.radio.scanner
Date: 1994-09-28 21:55:25 UTC
From: cntrspy@ix.netcom.com
Message-ID: <36cood$4n8@ixnews1.ix.netcom.com>
Source record: 268039

In <367297$5s6@nunki.usc.edu> davidhun@nunki.usc.edu (David Hunter) writes:

= = = Motorola HT 600 is available in VHF, UHF, and 800/900 trunked, it is
NOT a frequency specific radio, it can be on any frequency within it's
range.

>
>Hi there!
>
>I'm another guy new to scanning. Friend of mine introduced me to it, and soon
>enough, I ended up buying a Pro-51. Lotsa fun! :)
>
>I am wondering if anybody has the freqs on which the Motorola HT600(?) operates
>on. If so, could you drop me a line through e-mail? Thanks.
>
>Dave
>
>

--
--
==
Chris Hall, Chief Operating Officer
Executive Protection Associates, Inc.
Worldwide Investigations, Privacy Protection Strategies, Second
Passport Agents, Off-shore Banking and Trust Agents.
e-mail: cntrspy@ix.netcom.com, PGP key available.
Opions Expressed are those of the Author and not of EPAI.
==

2969. Re: SCA Receiver Source

Newsgroup: rec.radio.scanner
Date: 1994-09-28 21:59:43 UTC
From: ddillon@csulb.edu
Message-ID: <36cp0f$l3r@garuda.csulb.edu>
Source record: 268038

SCAN911 (scan911@aol.com) wrote:
: Bruce Elving, publisher of FMedia! and the FM Atlas, sells SCA capable FM
: radios. Write to him at: Box 336, Esko MN 55733-0336. He'll modify a
: Pro-2006 for SCA, too!

: Chuck
: scan911@aol.com

How is a Pro 2006 modded for SCA reception, and what kinds of
broadcasts can I expect fo find there?

2970. Re: Receiving Morse code transmissions

Newsgroup: rec.radio.scanner
Date: 1994-09-28 22:15:49 UTC
From: ddillon@csulb.edu
Message-ID: <36cpul$l3r@garuda.csulb.edu>
Source record: 268040
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Bob Smith (explorer@ripco.com) wrote:
: Anyone able to get hear morse code transmissions on their scanner? If you do
: could you tell me the freq, mode and what type of antenna that you were
: using.

I do not know of any scanners that can reproduce cw broadcasts in
the form of tones that can be heard. Your scanner will lock on the
broadcast but all that will be produced at the speaker are a series of
dead carriers keyed out as the cw is being tapped out.
If you do hear morse code, what you are hearing is audio keying
on an fm carrier. It is like playing a tape recording on an fm station.
I certainlty wish that one of my scanners had the capability to pick up
CW because I would like to recieve two meter CW communications in my
area. Keep in mind that most of time cw communications are reserved for
the high frequency bands such as those below thirty megahertz. Most
scanners cannot pick up those frequencies anyway. If there are uhf or
vhf stations that you have an intention of listening to that are
broadcasting, you cannot expect to hear them unless you are within at
most 100 miles or so with lots of luck, good location, and killer antenna.
73

2971. Snowbird freqs?

Newsgroup: rec.radio.scanner
Date: 1994-09-28 23:03:22 UTC
From: allen@tricetv.ColumbiaSC.NCR.COM
Message-ID: <Cwv41M.7CA@ncrcae.ColumbiaSC.NCR.COM>
Source record: 268037

Does anyone have freqs for the Snowbirds? They are performing in Florence, SC soon and I thought I might take my 2006 with me.

Thanks

2972. Re: Receiving Morse code transmissions

Newsgroup: rec.radio.scanner
Date: 1994-09-28 23:04:38 UTC
From: rrk@glock.ramp.com
Message-ID: <36csq6$a6e@glock.ramp.com>
Source record: 268117
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Bob Smith (explorer@ripco.com) wrote:
: Anyone able to get hear morse code transmissions on their scanner? If you do
: could you tell me the freq, mode and what type of antenna that you were
: using.

About the only morse code you'll hear on a scanner is a cw id from a
station. This assumes your scanner does not receive below 30 mHz and
you are not using an upconverter.

Richard Kendrick CET WA7TWI

2973. Mods for Uniden BC-890XLT

Newsgroup: rec.radio.scanner
Date: 1994-09-28 23:11:08 UTC
From: kyd@xvnews.unconfigured.domain
Message-ID: <36ct6c$92f@male.EBay.Sun.COM>
Source record: 268114

Does anyone have the mod for the Uniden BC-890XLT to restore the cellular band?
I looked on oak.oakland.edu but didn't see it there. Everybody email me
directly and I'll make sure all the mods are the same, perform the mod
on my radio and then put the info on oak.oakland.edu.

TIA

Karen deWeeger (kyd@EBay.Sun.COM)

(:>
~(_)~
- - - - - - - - - - - -- - - - - - - - - - - - ""- - - - - -

2974. Re: looking 4 newyork news/media frequ's

Newsgroup: rec.radio.scanner
Date: 1994-09-28 23:17:02 UTC
From: j4dice@aol.com
Message-ID: <36cthe$pt8@newsbf01.news.aol.com>
Source record: 268115

In article <361iq5$10e0@admaix.sunydutchess.edu>,
randall@cygnus.sunydutchess.edu (Tom Randall) writes:

>LEPP225@DELPHI.COM (lepp225@news.delphi.com) wrote:
>: HI, I'm lloking for any frqu's that has to do with news in the new york
city
>: area. EX. abc,nbc or cbs news crews. Plus if you have any news choper.
I
>: know that news radio 88 has a choper.and so does shadowtraffic. But t
>: i know for sure bbn "breaking news network" is dispatch via a
alphanumeric
>: pager in the 931.'s .If you can help me thanks in advance..
>
>
>: --
>: post all replys here!!!!!
>:

>: lepp225@delphi.com
>:
>
> I'd like these frews as well,please! Thanks.
>
>Tom
Here's the broadcast relay frequencies the various stations in NYC are
licensed for:

ABC: 450.000, 450.1125, 450.2125, 450.5875, 450.6125, 455.000 455.050,
455.0875, 455.2875, 455.5125, 455.5875, 455.6125,
ABC Radio - 161.640, 161.700, 450.925, 455.925, 948.000
CBS: 161.730, 450.025, 450.050, 450.2625, 450.2875, 450.350, 450.800,
455.2625, 455.650, 450.0875 (CBS Radio Traffic copter)
NBC: 450.3875, 450.4125, 450.5375, 450.5875, 450.8875, 455.3125,
455.3375,
455.3875, 455.4125, 455.5125, 455.5375, 455.8875
CNN: 450.675, 450.775, 455.675, 455.775
NYC Broadcasting System: 951.375, 951.625
Metro Traffic Control (copters): 450.8125, 455.8125
Shadow Traffic Network: 450.1375, 452.975, 455.1375
Metroplitan Broadcasting Corp.: 450.2625, 450.4625, 455.2625, 455.5375
WNYC: 455.990, 944.250, 945.500
WPIX: 946.500
WWOR-TV: 450.3125, 450.7125, 455.3125

There may be a few more I missed, but you'd find most of them in the 450-451MHz & 455-456MHz area also. Hope this helps you find what you're looking for.

Jim Fordyce
j4dice@aol.com
Coram, NY

2975. Help chosing radio

Newsgroup: rec.radio.scanner
Date: 1994-09-28 23:24:29 UTC
From: kenneth@eri.erinet.com
Message-ID: <36ctvd$frj@eri.erinet.com>
Source record: 268046

[No readable article body recovered]

2976. Bearcat 860XLT Mods

Newsgroup: rec.radio.scanner
Date: 1994-09-28 23:26:08 UTC
From: audios@aol.com
Message-ID: <36cu2g$q2t@newsbf01.news.aol.com>
Source record: 268116

I would appreciate any info regarding 860XLT mods, if there are any.
Thanks in advance.

Bob

2977. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-09-28 23:45:38 UTC
From: rrk@glock.ramp.com
Message-ID: <36cv72$b37@glock.ramp.com>
Source record: 268119

K1LHO (k1lho@aol.com) wrote:
: In article <Ctt32B.7HI@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley)
: writes:

: You cirb side practitioners are all kidding yourselves. The fact is it is
: ilegal to posess any equipment capable of receiving cellular traffic.
: Getting caught may be a different story, but then is it ok to make a
: silencer if you don't get caught. Just TRY IT! Congress's intent was
: simple, cellular calls are private, and your splitting hairs is not
: withing the spirit (or the letter) of the law.

A couple of months ago I read in Mobile Radio Technology where a group at a wireless type convention demonstrated scanning cellular telephone frequencies with a legal scanner. The group demonstrated a modified OKI telephone that had the roms reprogrammed to add scanning. Legally, since the phone was still a phone, it was legal to use as a scanner. It seems the law does not address the issue of using a modified cellular telephone to scan, only a scanner. Earlier posts mentioned hacks described in Nuts and Volts magazine. If I remember correctly, the OKI phone uses and 8051 type processor. That means mucho information about the processor available and easy to read the roms. Cellular privacy is a ploy slammed on an unsuspecting customer in order to sell him a phone while giving him the illusion of privacy. Face it, a cell phone is a radio with a fancy computer attached to it. Since it's radio, somewhere someone is going to receive it and there is nothing the radio police will ever be able to do about it.

Richard Kendrick CET WA7TWI

2978. Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-29 00:27:00 UTC
From: ric.topp@nccbbs.com
Message-ID: <89AB4CB.000B002773.uuout@nccbbs.com>
Source record: 268074

Hello Jim

I see you are just across the bay. I am in Jamestown and I am an serious scanner also. I use a PRO-43.

Anyway, do you monitor N.Kingstown Police? During their transmissions, occasionally they say go to channel 5. I cannot locate whatever channel 5 is. Do you have any frequencies for them???

Thanks in advance....Ric
---
* QMPro 1.52 * Thesaurus: ancient reptile with an excellent vocabulary.

2979. Re: Bad reception near a computer?

Newsgroup: rec.radio.scanner
Date: 1994-09-29 00:36:17 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Sep28.163617.4630@cmkrnl>
Source record: 268122

In article <364847$108r@admaix.sunydutchess.edu>, randall@cygnus.sunydutchess.edu (Tom Randall) writes:
> Shawn,
> Move the scanner. I had my shortwave near my computer and inter-
> ferance is even WORSE with it. When trying to hear shuttle comms on the
> scanner I noticed when my computer was on I heard nothing until shutting off
> the computer. I use a long wire on my sshortwave canner(oops) which runs about
> 25 feet
> outside and it didn't matter.

Or shield the scanner. I had a Pro-2006 on my desk, fed by an antenna some distance away, with a coax feed. Didn't matter, the computers would periodically inject an incredible amount of hash into the scanner, apparently directly into the circuitry (since shorting the antenna input didn't make the noise go away!). I switched to a Pro-2004, which has a metal case but essentially the same circuitry - problem solved.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

2980. Houston Air Show?

Newsgroup: rec.radio.scanner
Date: 1994-09-29 00:42:13 UTC
From: jbielick@aol.com
Message-ID: <36d2h5$re3@newsbf01.news.aol.com>
Source record: 268120

The "Wings Over Houston" air show will be coming to town in
October. One of the feature presentations is a demonstration
by the Confederate Airforce. It would be greatly appreciated
if someone out there could share some of the frequencies for
monitoring the Confederate Airforce air traffic communications.

john@sailsun.jsc.nasa.gov
jbielick@aol.com

2981. Re: Undiscovered 2006 mod

Newsgroup: rec.radio.scanner
Date: 1994-09-29 00:42:49 UTC
From: g9153402@huey.csun.edu
Message-ID: <36d2i9$die@nic-nac.CSU.net>
Source record: 268118

Subject: Re: Undiscovered 2006 mod
Newsgroups: rec.radio.scanner
References: <36ala0$6ht@ixnews1.ix.netcom.com>
Organization: Calstate University Northridge
Distribution: world
X-Newsreader: TIN [version 1.2 PL2]

Glenn Cerny (GCerny@ix.netcom.com) wrote:
>In <Gill.Bates-2509940444400001@firefly-slip.voicenet.com> Gill.Bates writes:

> >
> >I've found that if you clip the wires that feed the internal speaker,
> > it does wonders for the squelch. I've not noticed any static on
> >any freq since I've done this.
> >
> >However, I've not been getting any "hits" lately. Could it be related?
> >
> >:D
> >

> O.K. I got the power cord clipped and the cover comes off much easier
> without the other 2 wires to the speaker attached, but now the tubes
> won't glow anymore. Did I miss somthing?

Nope. The 2006 doesn't have vacuum tubes, just that luminescent type
of display. Your scanner works fine, and now receives much less
interference.

2982. Re: Pro-2035: Any Opinions?

Newsgroup: rec.radio.scanner
Date: 1994-09-29 00:57:18 UTC
From: g9153402@huey.csun.edu
Message-ID: <36d3de$die@nic-nac.CSU.net>
Source record: 268121

dbarton@unix.cc.emory.edu wrote:
> Just picked up the new Radio Shack catalog, and got a glimpse of the new
> Pro-2035. 1000 memories, 50 channel per second capability,otherwise seems
> to be the same specs as the 2006. Has anyone had any experience with
> these units? I pretty much have my heart set on a new Pro-2006, but
> cellular is not very important to me (but there are other thigs in that
> band that I listen to), and if the performance and
> computer interface capabilities are similar, I might go with the 2035.
> Does anyone know if you can get similar memory capacity/scan speed with the
> 2006 if modified? I am in the process of pulling down the mods, but
> there are so many! (What a nice problem.)

I haven't seen it yet in any Radio Shack. I heard its been delayed, and
should be out in mid-October. Probably, the main differences between it
and the 2006 is it scans faster, has a larger memory (ten 100 channel
banks/1000 channels), and in all likelyhood will not be modifiable.
If not having cellular means nothing to you, you might as well wait to
buy one. But if you want a scanner with continuous coverage (except
in the UHF TV band between 520 & 760 MHz) and don't mind a slightly
slower scanner speed, then try finding one of the remaining 2006's.

2983. Re: NEED DIRECTION FINDING EQUIPMENT...

Newsgroup: rec.radio.scanner
Date: 1994-09-29 01:28:09 UTC
From: sgyee@glock.ramp.com
Message-ID: <36d579$dmt@glock.ramp.com>
Source record: 268025
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

E.Hutchinson-N8XHP (hutchine@river.it.gvsu.edu) wrote: I am STILL looking
: for a doppler reciever to use for VHF radio direction
: finding...If any one has one, or knows of someone that has one for sale,
: then PLEASE E-mail me with info and price...TNX in advance...
:

Are you looking for general "generic" equipment, or stuff that will put
you out nearly 30k ?

For generic items, give Radio Engineers a call. Phone is 619-565-1319.
They are in San Diego, CA They have handheld units for around $140..

For the most technolgically advanced, ultimate direction finding
equipment, give a company in Cave Creek, AZ. a call. Their name is
Doppler Systems, and they have specific finding equipment depending on
the frequency you wish to track. Their number is 602-488-9755.

About Doppler Systems' items: There was an article in "Police" magazine
about a mad search in California for a person who's radio kept breaking
squelch to the point where it was tying up radio traffic.

A Sheriff's Reservist and Amateur Radio Operator found some equipment in
the basement of one of their precincts. He found out that it was (after
reading the manual) that it was DF equipment that has been sitting unused.

He mounted it on one of the Sheriff's Department's vehicles (Chevy
Suburban, if I remember correctly) and eventually found out that it was a
Deputy's portable HT that had a shorting PTT switch on his speaker/mike.

This DF equipment was (according to the article) purchased from Doppler
Systems.

Hope this helps.....

Steve Yee
KC7ALZ

2984. AR8000 problem (frontend overloading or AGC?)

Newsgroup: rec.radio.scanner
Date: 1994-09-29 01:40:47 UTC
From: kohn@ICSI.Berkeley.EDU
Message-ID: <36d5v0$5pp@agate.berkeley.edu>
Source record: 268044

I just got an AR8000, and overall I am impressed
with it. (I can't wait to get the RS232 interface
so I can download frequencies directly!)

The major problem I have with it seems to be
some sort of front-end overloading or AGC problem.
For example, a frequency that has both strong and weak
signals will have no trouble with the weaker signal,
but when the stronger one comes on, the audio seems
to blank out during the peaks. This happens
even with the antenna removed and the internal 10db
attenuator turned on.
Opening up the squelch all the way
(so that it will play the background static) makes
the problem go away. The manual says something about
the simplified AGC circuit compared
to larger base stations such as the AR3000A.
I have not played with all of the parameters
that can be changed by holding down buttons when
it is turned on. Does anyone know if there is some
way to control parameters of the AGC such as
the attack adjustment rate, etc. ?

I have not had enough time yet to write a complete
review. Already I like it better than the MVT-7100,
Trident-2400 (my previous favorite) or BC2500XLT.

Thanks
Phil Kohn

kohn@icsi.berkeley.edu

2985. The Frequency Spectrum

Newsgroup: rec.radio.scanner
Date: 1994-09-29 02:10:21 UTC
From: g9153402@huey.csun.edu
Message-ID: <36d7md$iva@nic-nac.CSU.net>
Source record: 268123
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

```
THE RADIO SPECTRUM
------------------

This is an approximate look, to help in searching frequencies on a
scanner or shortwave radio. Just be aware, having the right frequency
may not be enough, in tuning to a certain frequency. The time of
day, atmospheric conditions, location, mode you're in (AM, SSB,
Narrowband FM, Wideband FM, etc.), or your equipment, are also equally
important. You'll find most transmissions are broadcasted in Narrow-
band FM. Some main exceptions are shortwave (AM & SSB), commercial AM
radio (AM), commercial FM radio (Wideband FM), television (Wideband FM),
citizens band radio (AM & SSB), and aeronautical communications (mostly
AM). Most all scanners will pick a default mode for you, depending on
what frequency band you are in. But many scanners also let you manually
switch between modes (AM, FM, etc.) if the default mode isn't correct.
Happy Listening!!!

FREQUENCY USES/SERVICES
(in Megahertz unless
otherwise indicated)
---------------------- ------------------------------------------------

10 - 150 kHz Military/government, submarine
(.01 - .15 MHz) communications.

150 - 535 khz Longwave Band, beacons, foreign broadcasts,
(.15 - .535 MHz) maritime.

535 - 1700 khz Your standard AM radio dial.
(.535 - 1.7 MHz)

1.7 - 30 Shortwave/High Frequency Band. Broadcasting,
two-way government, military and commercial
communications, amateur radio, CB radio (approx.
27 MHz), others.
Shortwave - Approx. Range Meter Band
1.8 - 2.0 160*
2.3 - 2.495 120
3.2 - 3.4 90
3.5 - 4.0 80*
3.9 - 4.0 75
4.75 - 5.06 60
5.9 - 6.2 49
7.0 - 7.3 40*
7.1 - 7.35 41
```

9.4 - 9.9 31
10.1 - 10.15 30*
11.6 - 12.1 25
13.57 - 13.87 22
14.0 - 14.35 20*
15.1 - 15.8 19
18.068 - 18.168 17*
17.48 - 17.9 16
18.9 - 19.02 15
21.0 - 21.45 15*
21.45 - 21.75 13
24.89 - 24.99 12*
25.6 - 26.1 11
28.0 - 29.7 10*
(In general, the lower shortwave frequencies
<higher meter band> are received better during
the night, while higher frequencies are re-
ceived better during the day. There are also
some amateur radio bands between many of these
shortwave bands(*). Consult a shortwave guide
for more detailed information.)

30 - 50 Very High Frequency Band. Government, business,
walkie-talkies. Also, cordless phones and
'baby monitors' found about 46 - 49 MHz.

50 - 54 Amateur radio 6 meter band.

54 - 72 TV Channels 2-4.
Channel 2 Audio (Wideband FM) 59.75
Channel 3 Audio (Wideband FM) 65.75
Channel 4 Audio (Wideband FM) 71.75

72 - 76 Manufacturing, remote control, eavesdropping
bugs, etc.

76 - 88 TV Channels 5-6.
Channel 5 Audio (Wideband FM) 81.75
Channel 6 Audio (Wideband FM) 87.75

88 - 108 Your standard FM radio dial.

108 - 136 Aeronautical communications (AM).

136 - 138 Satellites.

138 - 144 Military communications.

144 - 148 Amateur radio 2 meter band.

148 - 150.8 Military use.

150.8 - 174 Business, highway, law enforcement, government
weather, maritime.

174 - 216 TV Channels 7-13.
Channel 7 Audio (Wideband FM) 179.75
Channel 8 Audio (Wideband FM) 185.75
Channel 9 Audio (Wideband FM) 191.75
Channel 10 Audio (Wideband FM) 197.75
Channel 11 Audio (Wideband FM) 203.75
Channel 12 Audio (Wideband FM) 209.75
Channel 13 Audio (Wideband FM) 215.75

216 - 220 Maritime and aeronautical.

220 - 222 Land mobile communications.

222 - 225 Amateur radio.

225 - 400 Military aviation and space.

400 - 406 Military and government.

406 - 420 U.S. Government.

420 - 450 Amateur radio.

450 - 470 Ultra High Frequency Band. Business, industry, military, fire government.

470 - 512 TV Channels 14-20, shared with law enforcement.

512 - 825 TV Channels 21-69.

825 - 849 Cellular telephones (receivers/handsets).

849 - 851 Aeronautical telephones (handsets).

851 - 866 Business, public safety, trunked systems.

866 - 869 Public safety, law enforcement, trunked systems.

869 - 894 Cellular telephones (towers).
Note: Even though listening to cellular telephone calls is technically illegal in the United States, one will usually do better listening to calls on the tower frequencies, as opposed to the handset frequencies. This is because most cellular phones transmit less than one-watt of output. So unless the cellular phone is very close to you, you will have much more luck scanning the more powerful towers, which transmit/receive for each cell site.

894 - 896 Aeronautical telephones (ground-based towers).

896 - 901 Private land mobil units.

902 - 928 Land mobile, amateur radio, personal communication units, portable telephones.

928 - 932 Radio Paging.

935 - 940 Business Radio.

941 - 944 Government and non-government fixed services.

944 - 952 Broadcasters' studio-to-transmitter links.

952 - 960 Private fixed services, paging.

960 - 1240 Aeronautical navigation.

1240 - 1300 Amateur radio.

1300 - 1350 Aeronautical navigation.

1350 - 1400 Radio location.

1400 - 1427 Radio astronomy.

1427 - 1429 Point-to-point, mobile, space.

1429 - 1660.5 Various satellite transmission uses.

1660.5 - 1668.4 Radio astronomy.

1668.4 - 1700 Meteorological aids.

1700 - 1850 Meteorological satellites, U.S. Government.

1850 - 1990 Fixed point-to-point, microwave.

1990 - 2110 Broadcast studio-to-transmitter links.

(end)

2986. 900Mhz cordless question

Newsgroup: rec.radio.scanner
Date: 1994-09-29 02:32:37 UTC
From: dretzik@uoguelph.ca
Message-ID: <36d905$116@nermal.cs.uoguelph.ca>
Source record: 268049

Are there many of these 900Mhz phones around? I realize they are new but I have never been able to pick one up with my scanner. I search between 900 and 938 Mhz as this is what someone told me to do. (no I wouldn't jump off a bridge if someone told me to!) Is this the proper range? I saw some of the frequencies listed in another thread and I will try them. Thanks in advance.

Dave

2987. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-09-29 02:48:12 UTC
From: Chris Hall <chall@server0>
Message-ID: <Pine.SUN.3.90.940928224427.25404B@server0>
Source record: 268026

I pose one question:

-How far away can a scanner be detected?

if anyone understands how or why they can be detected, please explain, thanks.
Like, why a scanner actually transmits, and what equiptment is needed to
detect them.

```
___________ ___________ ___________ ___________
chall chal| chall | chall | chall | chall |hall chall
hall chall| @ | @ | @ | @ |chall chal
all chall | jabba | jabba | jabba | jabba | chall cha
ll chall c| . | . | . | . |l chall ch
l chall ch|Cybernetics |Cybernetics | Cybernetics| Cybernetics|ll chall c
chall cha| . | . | . | . |all chall
chall chal| NET | NET | NET | NET |hall chall
~~~~~~~~~~~ ~~~~~~~~~~~ ~~~~~~~~~~~ ~~~~~~~~~~~
@jabba.Cybernetics.NET @oven.ccds.charlotte.nc.us @pro-charlotte.vnet.net
```

2988. Need the original box for a Fair Mate HP-2000 radio?

Newsgroup: rec.radio.scanner
Date: 1994-09-29 02:53:25 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <36da75$scj@umcc.umcc.umich.edu>
Source record: 268027
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

I've discovered that I have the original box/packing material &
carrying strap + earphone for a Fair Mate HP-2000 wideband handheld
receiver which I no longer own.

Instead of just throwing out the box, I was thinking that there
might be someone out there who has an HP-2000, but no box.

If you have a need for the box, send e-mail. I'd want about $5
for UPS shipping.

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie: T.Tyler5 AOL: Hooligan MCI: 442-5735
Ypsilanti MI
48197 This product was not tested on any animals.

2989. Re: RS PRO-51 HANDHELD

Newsgroup: rec.radio.scanner
Date: 1994-09-29 02:59:15 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <CwvEyr.ILr@freenet.carleton.ca>
Source record: 268032

In a previous article, vonbphil@cwis.isu.edu (long duck dong) says:

>>You payed $449.99 for the 43? The RS where I live is selling theirs off
>>for under $300. They said that they only had five left (and the floor model).
>
>Looks like someone got ripped.....oh well...should've kept his
>Pro-51...GREAT scanner!
>

Put the Pro-43 next to the 51 ----- Then tell me what one is the
"GREAT" scanner!!!!!

p.s. - I have NEVER seen the 43 for anything less than $349 (cdn.)
anywhere around here (Ottawa area).
I assume that this location where you seen the under $300 43 was
in B.C. somewhere? Nice deal.

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

2990. Re: NOAA 11

Newsgroup: rec.radio.scanner
Date: 1994-09-29 03:43:58 UTC
From: msmith@oucsace.cs.ohiou.edu
Message-ID: <CwvH1A.70@oucsace.cs.ohiou.edu>
Source record: 268047

Keep an eye on the WXSAT list or the Meteorology newsgroup... NOAA 11
is dead...

Matt

2991. Marine frequency books?

Newsgroup: rec.radio.scanner
Date: 1994-09-29 04:29:06 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.780812946@vela.acs.oakland.edu>
Source record: 268048
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I have seen a number of books advertised,they run around $30 bucks.Any one have any suggestions,comment?I have "Beyond P.C."will any of these books give me anything more?I'm intrested mainly intrested in coast gaurd and commercial traffic>
Thanks in advance,NCS

2992. PRO-2024 Mods???

Newsgroup: rec.radio.scanner
Date: 1994-09-29 05:16:45 UTC
From: kennyk@crl.com
Message-ID: <36dijt$t50@crl4.crl.com>
Source record: 268053

Are there any mods, etc. available for the RS Pro-2024 Scanner. Any information on this scanner would be appreciated because I don't have a manual for it. Thanks in advance!

Kenneth A. Keen
kennyk@crl.com

2993. I really could use Toledo Ohio Freq List

Newsgroup: rec.radio.scanner
Date: 1994-09-29 06:10:02 UTC
From: henryvb@aol.com
Message-ID: <36dlnq$3h7@newsbf01.news.aol.com>
Source record: 268031

I'm going to visit Toledo this weekend and would appreciate a list.
Please email if you have something. Thanks much. henryvb@aol.com

2994. mocomm 70 for sale

Newsgroup: rec.radio.scanner
Date: 1994-09-29 09:15:37 UTC
From: beavis@pentagon.io.com
Message-ID: <beavis.780829892@pentagon.io.com>
Source record: 268041

I have a Motorola mocomm 70 for sale:
in good condition with all cables, mike
and control head. $75.00

email beavis@io.com

snail mail ed note
pob 655
Cupertino, Ca 95015

2995. Re: What the heck is "PDO" stand for??

Newsgroup: rec.radio.scanner
Date: 1994-09-29 10:14:02 UTC
From: stevez97@aol.com
Message-ID: <36e41a$5v1@newsbf01.news.aol.com>
Source record: 268043

In article <1994Jul20.235108.1@jaguar.uofs.edu>, hall@jaguar.uofs.edu writes:

PDO stands for "Property Damage Only" which refers to a motor vehicle accident where no injuries occured, i.e. property damage only (PDO).

2996. Re: Inversion Encryption

Newsgroup: rec.radio.scanner
Date: 1994-09-29 12:56:06 UTC
From: horak@convex.com
Message-ID: <36edh6$ave@eugene.convex.com>
Source record: 267992

In <780498668@f747.n115.z1.ftn> Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org> writes:

> -=> Quoting Michael C Tiernan to All <=-

> MCT> From: mtiernan@world.std.com (Michael C Tiernan)
> > [...Inversion Descrabler...]
> MCT> I've been very curious how you use them with a scanner, are they
> MCT> simply put inline with a speaker or do you have to tap into the
> MCT> audio at some point inside the scanner?

> Hi, Michael...
> Bascially, it is tapping the signal off the IF of the scanner and feeding
>the signal to a shortwave receiver. Set the frequency of the shortwave to
>the IF. Set the shortwave to Single side band. Tune the single side band
>control until the inverted signal is restored.

Jerry, Michael was asking how to use the descrambler. The descrambler simply plugs into your audio output jack. I think you got the question confused with how to *receive* or *descramble* a frequency inversion signal. If you don't have the descrambler, then your method is worth a try (although I haven't had much luck with it yet). I've heard of people doing this but I can't get an intelligible signal with my DX-440 or my Yupi on the inversion scheme the cab company uses. The descrambler works fine. Could it be that there is more than one freq inversion scheme and only one type is detectable in the manner you describe?

David

2997. Re: Pro-2035: Any Opinions?

Newsgroup: rec.radio.scanner
Date: 1994-09-29 13:07:15 UTC
From: horak@convex.com
Message-ID: <36ee63$bik@eugene.convex.com>
Source record: 268068

In <36d3de$die@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:

>dbarton@unix.cc.emory.edu wrote:
>> Just picked up the new Radio Shack catalog, and got a glimpse of the new
>> Pro-2035. 1000 memories, 50 channel per second capability,otherwise seems
>> to be the same specs as the 2006. Has anyone had any experience with
>> these units?

>I haven't seen it yet in any Radio Shack. I heard its been delayed, and
>should be out in mid-October. Probably, the main differences between it
>and the 2006 is it scans faster, has a larger memory (ten 100 channel
>banks/1000 channels), and in all likelyhood will not be modifiable.

I noticed in the catalog that it also omits the base side of the Airphone
band but the airplane side (894-896) is available. So you should be able
to scan those phone calls from the sky with the 2035 in 5KHz steps, AM :-)

David

2998. Re: digital squelch?

Newsgroup: rec.radio.scanner
Date: 1994-09-29 13:16:06 UTC
From: horak@convex.com
Message-ID: <36eemm$c7d@eugene.convex.com>
Source record: 268069

In <36cmun$1gd@apakabar.cc.columbia.edu> mrw13@namaste.cc.columbia.edu (Marc Richard Wollemborg) writes:

>What is a digital squelch? I am familiar with PL-Tones/CTCSS, but I was told
>that the radios on the frequency I am trying to monitor use a digital squelch
>when openning up to transmit. Before a broadcast I do hear what sounds
>like a "digital squelch" (I presume that's what it is), but how do I program
>this into my ham radio so that the squelch will not open unless it receives
>that digital squelch?

You're probably referring to the digital signal that the Motorola Radius radios or similar units use. It is used in the same manner as PL-Tones but there are many more possible settings. I would imagine it would be quite a job rigging a scanner to these. Maybe not. I know several folks who added CTCSS so maybe it is a similar add on.

David

2999. Re: Pro-2035: Any Opinions?

Newsgroup: rec.radio.scanner
Date: 1994-09-29 13:18:48 UTC
From: schuster@panix.com
Message-ID: <36eero$i3a@panix3.panix.com>
Source record: 268070

In article <36d3de$die@nic-nac.csu.net>,
Berton Corson <g9153402@huey.csun.edu> wrote:
>
>I haven't seen it yet in any Radio Shack. I heard its been delayed, and
>should be out in mid-October. Probably, the main differences between it
>and the 2006 is it scans faster, has a larger memory (ten 100 channel
>banks/1000 channels), and in all likelyhood will not be modifiable.
>If not having cellular means nothing to you, you might as well wait to
>buy one. But if you want a scanner with continuous coverage (except
>in the UHF TV band between 520 & 760 MHz) and don't mind a slightly
>slower scanner speed, then try finding one of the remaining 2006's.

Comments from a friend who has an advance sample:

1. Cellular frequencies come in loud and clear in the low 1100 MHz band.
2. The attenuator does almost nothing.

Of course, the typical useless "review" in MT mentions none of these.
They say it performs electrically like the PRO-2006 which seems to be
anything but true.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3000. Re: The Frequency Spectrum

Newsgroup: rec.radio.scanner
Date: 1994-09-29 13:24:27 UTC
From: horak@convex.com
Message-ID: <36ef6b$cpb@eugene.convex.com>
Source record: 268072
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In <36d7md$iva@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:

> THE RADIO SPECTRUM
> ------------------

>849 - 851 Aeronautical telephones (handsets).

>894 - 896 Aeronautical telephones (ground-based towers).

These are reversed. 894-896 is the airplane handset and generally the only thing you can pick up unless you're near a ground transmitter.

David

3001. Re: 900Mhz cordless question

Newsgroup: rec.radio.scanner
Date: 1994-09-29 13:29:02 UTC
From: horak@convex.com
Message-ID: <36efeu$dev@eugene.convex.com>
Source record: 268073

In <36d905$116@nermal.cs.uoguelph.ca> dretzik@uoguelph.ca (David Retzik) writes:

>Are there many of these 900Mhz phones around? I realize they are new but
>I have never been able to pick one up with my scanner. I search between
>900 and 938 Mhz as this is what someone told me to do. (no I wouldn't
>jump off a bridge if someone told me to!) Is this the proper range? I
>saw some of the frequencies listed in another thread and I will try
>them. Thanks in advance.

Most of these phones are digital signals (not analog) so they will sound
like white noise or static. If your scanner does stop in that band and
you hear a signal of what appears to be the squelch breaking for no good
reason, you've probably stumbled on a 900 MHz phone!

David

3002. Re: Pro-2035: Any Opinions?

Newsgroup: rec.radio.scanner
Date: 1994-09-29 13:45:10 UTC
From: wwhitby@aol.com
Message-ID: <36egd6$819@newsbf01.news.aol.com>
Source record: 267975

I am not too crazy about the ten banks of 100 channels. 20 banks of 50 channels would have been better for me. I just don't listen like that and most of the channels would be wasted. Just my $.02.

Warren Whitby
wwhitby@aol.com
Analyst, Nichols Research Corp.
73s de KE4ITL

3003. Re: NOAA 11

Newsgroup: rec.radio.scanner
Date: 1994-09-29 13:49:18 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Sep29.134918.14749@rsd.dl.nec.com>
Source record: 267897

In article <092894191157Rnf0.78@zephyr.manawatu.planet.co.nz>,
stuart@zephyr.manawatu.planet.co.nz (Stuart Brown) writes:
|> I guess this might not be exactly the right newsgroup to post this question
|> but anyhow. Does anyone know what the story is with NOAA 11? It's been
|> putting out some strange sinc and no pic for a while now.

There have been numerous postings about this in sci.astro. On of the
sensors died about a month ago.

==
Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. or : mandr@ix.netcom.com
Plano, TX CIS: 76672,2455

In the absence of leadership, we have decided to follow ourselves.

3004. Wanted AR3000A

Newsgroup: rec.radio.scanner
Date: 1994-09-29 14:15:39 UTC
From: cmundy@blkbox.com
Message-ID: <36ei6b$gvn@blkbox.blkbox.COM>
Source record: 267979

Subject says it all. Call 713-989-3608 or E-Mail. Willing to offer a good price. Unit must be in excellent condition.

3005. Need Mods For PRO-51

Newsgroup: rec.radio.scanner
Date: 1994-09-29 14:31:54 UTC
From: kb401s450@sycom.mi.org
Message-ID: <kb401s450.9uxr@sycom.mi.org>
Source record: 267993

Need out of band mods for Pro-51...if you have anything, please let me know....thanx in advance!

"we have to hurry, i'm in between snacks"

--
hard drive

3006. Re: Yaesu FT-530

Newsgroup: rec.radio.scanner
Date: 1994-09-29 14:56:47 UTC
From: jwdxt@csn.org
Message-ID: <CwwC6n.HEr@csn.org>
Source record: 268054

Robert1159 (robert1159@aol.com) wrote:
: In article <369q0d$t32@fermat.mayo.edu>, rouse@mayo.edu writes:

: Regarding the Yaesu Ft-530 modification consisted of getting in there and
: clipping an inch long green wire. it's very easy to do.

: My 530 now transmits and receives from 127-180 and from 400-471
: most excellent! It does scan kinda slow.. you have to get used to that.

Did you notice you can also go to VFO mode on the UHF band and enter 800
MHZ? It will scan from there to 950 MHZ - not bad!

Jim
KB0MED

3007. Re: Yagi Antena question.

Newsgroup: rec.radio.scanner
Date: 1994-09-29 15:10:53 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-290994110654@m14494-mac.mitre.org>
Source record: 268055

John Allds wrote:

> A friend just gave me a Yagi directional antena.......

Yagi antennas, properly called Yagi-Uda parasitic arrays, are highly directional antennas that offer high gain; the greater the number of elements in the antenna, the greater the gain and directivity. The typical configuration is one driven element, one reflector element, and any number of director elements, up to 10 or so. Yagi's also offer very narrow beamwidths (again, as a function of the number of elements). So to use a yagi for monitoring, you have to be able to aim the antenna at the station you wish to hear. Yagis with 10 elements or so can offer 8 to 10 db of gain, or about 1 to 1.5 "S" units. I don't know just how much it will help with monitoring at VHF and higher frequencies, as range is determined more by terrain than by power and gain considerations. If you want to give it a try, install it pointing toward some station you want to monitor, or use a rotator of the type intended for TV antennas. Overall, my guess is that you would be much better off with a good omni-directional antenna. Best of luck. P.S.: be sure to use high-quality coax transmission line, as even good coax is pretty lossy at frequencies above VHF; cheap coax is very lossy, and over a long coax run (50-100 ft) can easily offset any gain you get from the antenna.

--
mwhite@mitre.org

My opinions are my own, not my employer's.

3008. Wanted: R7000/R7100

Newsgroup: rec.radio.scanner
Date: 1994-09-29 15:24:30 UTC
From: JCSCOTT@pacbell.com
Message-ID: <36em25$onu@gw.PacBell.COM>
Source record: 267981
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner

I wouuld like to purchase and ICOM R7000 or R7100. Please contact
me via Email or at 510-823-8626.
Jon Scott

3009. Re: NOAA 11

Newsgroup: rec.radio.scanner
Date: 1994-09-29 15:44:55 UTC
From: hoffj@mhd1.moorhead.msus.edu
Message-ID: <1994Sep29.104456.2135@msus1.msus.edu>
Source record: 267991

In article <092894191157Rnf0.78@zephyr.manawatu.planet.co.nz>
stuart@zephyr.manawatu.planet.co.nz (Stuart Brown) writes:
>I guess this might not be exactly the right newsgroup to post this question
>but anyhow. Does anyone know what the story is with NOAA 11? It's been
>putting out some strange sinc and no pic for a while now.
>
>Stuart Brown

I read somewhere, I think rec.radio.info in one of the 'news' articles
that it failed, and was not sending pictures at this time. I think 11 is
what they were talking about..

Jerad

3010. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-09-29 16:11:46 UTC
From: davidm@iglou.com
Message-ID: <2TkYkK7gX1XT071yn@iglou.com>
Source record: 267987

First, before I get rolling here, let me point out something. Please DO NOT take this post as a flame, I certainly don't intend it that way...

In article <36cv72$b37@glock.ramp.com>,
rrk@glock.ramp.com (Richard Kendrick) wrote:

> A couple of months ago I read in Mobile Radio Technology where a group
> at a wireless type convention demonstrated scanning cellular telephone
> frequencies with a legal scanner. The group demonstrated a modified
> OKI telephone that had the roms reprogrammed to add scanning. Legally,
> since the phone was still a phone, it was legal to use as a scanner. It

Good people, when I read messages (and magazine and newspaper articles) that say stuff like this, it becomes obvious that a lot of people on here have never actually READ the ECPA of 1986.

If you "intercept" a cellular phone call that you are not a part of, and you do NOT work in the cellular phone industry (and even then such interception has to be a routine part of your job) it is against the law, according to the ECPA of 1986, for you to be listening to that call. It does not matter what your equipment is. You can be using two soup cans and a piece of string, you can be using a cellular-capable scanner that required no mods, you can be using a scanner that you modified yourself, you can be using a cellular phone that can be made to scan, you can be using the front bumper of a '57 Chevy attached to a piece of wire for all that law cares, and you are STILL in violation of the ECPA. The only exception is if you are a law enforcement agent *WITH A COURT ORDER*, or you are employeed in the cellular phone industry and such interception is part of your day-to-day job. THERE ARE NO OTHER EXCEPTIONS!

I would further like to point out, that the ECPA only uses the word "cellular" twice, and its a 35 page long document! The word "scanner" or "scanning receiver", or its other variations, NEVER APPEARS. The ECPA also does NOT specify any specific frequency ranges...at no point does it say "thou shalt not listen to 872.xxx".

I'm not trying to tell people not to listen to cellular phone calls, what you listen to is your decision. Every scanner I own has been modified to pick up cellular. And, as I have pointed out in atleast 6 other messages, I am NOT an attorney, so please don't take my messages as legal advise. But when I am knowingly breaking a law, which is something I am doing when ever I listen to a cellular phone call, I atleast try to be very familiar with what laws I am breaking! Hence, I have read the ECPA **VERY** thoroughly.

I used to offer to email the text of the ECPA to anyone who asked. Then I discovered that anyone with access to Veronica or Jughead can find it in

atleast fifty places on their own, without me distributing it also. Just point Miss Veronica at "ecpa" and you should find atleast fifty copies of the damned thing. But if you still can't find it, send me email and I'll send you back a copy.

David
davidm@iglou.com

P.S. Is there a FAQ on cellular phone scanning and the law yet? If not, maybe I'll try to get one started...

3011. RS Pro-2030 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-09-29 16:15:53 UTC
From: Doug=Stewart%PC=SW%PCPD=Hou@bangate.compaq.com
Message-ID: <78085175334n12@131.168.114.12>
Source record: 267994

Does anyone know of mods for the RS Pro-2030 scanner?

Thanks in advance.

DougS

3012. RadioMap service expands into OH, PA, MO (and IL, IN, MI, NY, WI)

Newsgroup: rec.radio.scanner
Date: 1994-09-29 16:32:39 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CwwGMG.4nI@nntpa.cb.att.com>
Source record: 268057
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc,sci.electronics.repair

[NOTE: If you have a question about the following post,
please do not send e-mail. Instead, please telephone
(708)554-3839, between 5 - 10 PM central time. Thanks.]

RadioMap Service Expands into
Ohio, Pennsylvania, Missouri

by Bob Parnass, AJ9S

As someone involved in solving radio and TV interference
problems, I've spent a lot of time identifying the
transmitting antennas and towers I see in my travels. An
FCC database is useful, but the transmitter site information
is either vague or incorrect.

Over 15% of the FCC licenses, including many fast food
restaurants, contain transmitter latitude and longitude but
specify no transmitter city. To determine the location of
those transmitters requires using the latitude and longitude
information.

I developed a process which produces a color map of FCC
licensed and selected FAA transmitter sites in an area,
given a center location (latitude/longitude) and a range (in
miles). I call this new innovation a RadioMap(TM). It
allows you to identify antenna sites (including paging and
cellular phone cell sites) and visualize the transmitter
locations in your neighborhood, around your office, near
your repeater, at an airport, and other places of interest
-- from VLF through microwave.

A map of local transmitter sites is very useful when solving
intermod problems and is of interest to scanner buffs, too.

Streets, rivers, and ham radio stations are not shown as
they would clutter the RadioMap. RadioMap includes key
sheets which list frequencies, callsigns, and licensee
names. In rural areas, ranges of up to 10 miles are
possible, while ranges of 1/2 to 2 miles produce best
results in urban cities.

Currently, I produce custom color 8-1/2" by 11" RadioMaps,
suitable for framing or laminating, only for areas in:

Illinois
Indiana

Michigan
Missouri
New York
Ohio
Pennsylvania
Wisconsin

Watch for future announcements as new states are added.

Send $19.95 ($16.95 + $3 for shipping & handling) for each
color RadioMap, your name, address, and telephone number,
along with center location (lat/long or nearest intersection
of 2 streets) to: Bob Parnass, 2350 Douglas Road, Oswego, IL
60543. tel. (708)554-3839 6-10 PM central time.

--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

3013. Scanning in Europe

Newsgroup: rec.radio.scanner
Date: 1994-09-29 16:49:10 UTC
From: saidji@eig.unige.ch
Message-ID: <1994Sep29.184910.1@eig.unige.ch>
Source record: 267988

I want to buy a second hand scanner!
I'll use it in Europe!
BUt some1 told me that if I buy a US scanner it wont work in Europe
cause the frequency spacing arent the same.
Is it true ??
if yes, does a mod exist to adapt the scanner?

thanx for support saidji@eig.unige.ch

3014. Re: Signal Amps??

Newsgroup: rec.radio.scanner
Date: 1994-09-29 17:10:49 UTC
From: david_wolfe.d041#u#mailbox@star9gate.mitre.org
Message-ID: <david_wolfe.d041#u#mailbox-290994131049@dk-wolfe.mitre.org>
Source record: 267985

In article <CwqtM7.22v@nntpa.cb.att.com>, rats@ihlpm.ih.att.com (Morris the Cat) wrote:

> |>I asked awhile back about people's experiences/opinions of signal
> |>amps/boosters. I only had a few postings but none that discussed
> |>experiences or models/prices or anything. I really am considering buying
> |>one IF it will improve my situation. I have an All-band antenna and a
> |>PRO-2006.
>

You might want to try an "active" antenna, one with an amplifier built into the antenna with the DC power supplied over the coax. I use an active antenna made by Diamond with an ICOM R7000 with great results. It has a variable 20db gain and 30 to 1000Mhz bandspread. It is used indoors as I live in an apartment building. It cost around $170.

K1AGE
--
opinions expressed are mine alone

3015. Re: Wanted: AOR AR1000XLT Opinions

Newsgroup: rec.radio.scanner
Date: 1994-09-29 17:42:06 UTC
From: dspman@aol.com
Message-ID: <36eu9e$bbv@newsbf01.news.aol.com>
Source record: 268056

In article <36au4q$k9l@usenet.INS.CWRU.Edu>, fb487@cleveland.Freenet.Edu
(Mark C. Smally) writes:
>Your better off getting the AOR 1500XLT. Has better AM
>ShortWave Reception and also comes with SSB.
What is the frequency coverage of the 1500XLT? Does it
have full 800 MHz coverage?

3016. Re: Yaesu FT-530

Newsgroup: rec.radio.scanner
Date: 1994-09-29 17:46:42 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep29.124642.2970@hnrc.tufts.edu>
Source record: 267984

In article <CwwC6n.HEr@csn.org>, jwdxt@csn.org (Jim Deeming) writes:
>
> Did you notice you can also go to VFO mode on the UHF band and enter 800
> MHZ? It will scan from there to 950 MHZ - not bad!
>
In steps of 12.5 MHz

3017. Mobile scanners & antenna...

Newsgroup: rec.radio.scanner
Date: 1994-09-29 18:27:20 UTC
From: woody@netmaster2.hq.af.mil
Message-ID: <36f0u8$gp2@hq.hq.af.mil>
Source record: 268060

Anybody have any suggestions on mobile scanners? I am thinking of installing one this weekend, but, honestly, I don't have a clue as to what would be a good buy.

Also, I know there are adaptors on the market that allow you to split your connection to your radio antenna, and I am curious as to how well this works for general freq's (police, fire). I am not at all concerned about receiving high (800+) freq's.

Any suggestions are appreciated!

Thanks!

Woody

```
/-------------------------------------------------\
|When in charge, ponder; | Help! I'm being |
|When in trouble, delegate; | held capitve in the |
|when in doubt, mumble. | basement of the |
|--James H. Boren | Pentagon! |
---------------------------------------------------
| Mark Woods: woody@nic.hq.af.mil |
\-------------------------------------------------/
```

3018. Re: Oct MT

Newsgroup: rec.radio.scanner
Date: 1994-09-29 19:12:49 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.484.00133746@ccm.hf.intel.com>
Source record: 267998

In article <1994Sep27.090221.2956@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:

>The problem with generally favorable reviews is that when a really good product
>comes along, how is one to know? Well, in his review of the 2035, BG says,
>comparing it to the 2006, "circuit performance is virtually identical, although
>FM broadcast reception is somewhat imporved over its predecessor. And the
>additional features justify the $50 price increase over the old model." But it
>would have been nice if LM, in his mini-review of the Black Box Antenna devoted
>a sentence to how it compared to the Select-A-Tenna.

>Also, Bob's Tip of the Month has nothing to do with extended receive! Is this
>what I'm paying my hard earned money for? :-) [It's a joke, son . . . er, and
>daughter . . . oh, the heck with it!]

It seems as though Bob's review was done without the scanner since they were not released until after he did his review. His review included errors in the that did not agree with actual operation. It seems it was done based on the manual specs which included some errors.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3019. Re: Pro-2035: Any Opinions?

Newsgroup: rec.radio.scanner
Date: 1994-09-29 19:20:44 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.485.00135913@ccm.hf.intel.com>
Source record: 267999

In article <36cghu$p0g@emoryu1.cc.emory.edu> dbarton@unix.cc.emory.edu ( ) writes:

>Just picked up the new Radio Shack catalog, and got a glimpse of the new
>Pro-2035. 1000 memories, 50 channel per second capability,otherwise seems
>to be the same specs as the 2006. Has anyone had any experience with
>these units? I pretty much have my heart set on a new Pro-2006, but
>cellular is not very important to me (but there are other thigs in that
>band that I listen to), and if the performance and
>computer interface capabilities are similar, I might go with the 2035.

Early reports indicate that its not worth the money. Performance is worse (RF sensitivity) and the search and store feature in "dumb" - it will store the same freq into all channels (usually a birdie). No computer interface, and you have to lockout all unsed channels by hand (remember 100ch per bank).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3020. Whooping Crane Tracking Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-29 19:23:47 UTC
From: garyposs@bga.com
Message-ID: <garyposs-2909941425480001@slip213.bga.com>
Source record: 268059

A few months back, I saw a PBS documentary on Whooping Cranes and noticed some Cranes were carrying radio transmitters used for tracking beacons.

I would like to find out the frequency that is used. In addition, the time of the year and approximate paths during migration.

Thanks.......73, Gary....K5WWQ.

3021. Re: AR8000 problem (frontend overloading or AGC?)

Newsgroup: rec.radio.scanner
Date: 1994-09-29 19:26:55 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.486.00137375@ccm.hf.intel.com>
Source record: 268000

In article <36d5v0$5pp@agate.berkeley.edu> kohn@ICSI.Berkeley.EDU (Philip Kohn) writes:

>The major problem I have with it seems to be
>some sort of front-end overloading or AGC problem.
>For example, a frequency that has both strong and weak
>signals will have no trouble with the weaker signal,
>but when the stronger one comes on, the audio seems
>to blank out during the peaks. This happens
>even with the antenna removed and the internal 10db
>attenuator turned on.

Usually, when the signal cuts out on the peaks it is due to improper bandwidth setting. A signal with a wider bandwidth will cut out on the peaks since the frequency deviation causes the signal to be attenuated by the filter. It is possible that the filter is too narrow for what you are listening to.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3022. POR-2006,PRO-2028 for sale

Newsgroup: rec.radio.scanner
Date: 1994-09-29 19:32:27 UTC
From: av@lns62.lns.cornell.edu
Message-ID: <00985337.C6321F60@lns62.lns.cornell.edu>
Source record: 267989

```
FOR SALE
--------

REALISTIC 50-CHANNEL SCANNER - $100
-----------------------------------
Model PRO-2028 ($159.99 new). 50 channels plus 5 search channels.
29-54MHz, 108-174Mhz, 406-512Mhz. One-touch weather button.
Dual conversion receiver. Search, scan-delay, lockout, priority.
Memory backup. External antenna jack. External speaker jack.
110VAC or 12VDC with optional cord. 8 months old. With whip antenna and manual.

REALISTIC 400-CHANNEL SCANNER - $300
------------------------------------
Model PRO-2006 ($399.99 new). 400 channels plus 10 search channels. 29-520MHz,
760-823Mhz, 851-868Mhz, 896-1300Mhz. Cellular mod done. 2-speed search: 13 or
26 per second. Higher-speed scan mod done. Selectable narrow-FM, wide-FM, AM.
Selectable 5KHz, 10KHz, 30KHz steps. Triple conversion receiver. Zeromatic
tuning. Sound squelch. Search, scan-delay, lockout, priority. Memory backup
(with 9V battery). External antenna jack. External speaker jack. Headphone
jack. Tape record jack. 110VAC or 12VDC with optional cord. 4 months old.
With whip antenna and manual.

Shipping negotiable. Prices negotiable. Both units in excellent shape. I
just got a PRO-43 handheld, and another PRO-2006, so I don't need all 4 (I
really don't need any). :)

-------------------------------------------------------------------------------
^If one can / Alan Venooker N2MPD,SAC,ASEE,BLS,LSMFT
/ \ toucan! / Home address: 302 Woodgate Lane, Ithaca, NY 14850-8773
/0 0\ / Home phone: 607-277-4729 >6PM EDT
/ - \ / Lab phones: 607-255-4882(page), 607-255-4948(office) 8-4 EDT
/ \___/ \ / Lab address: Cornell University, Laboratory of Nuclear Studies
/ \ / Wilson Synchrotron, 694 Dryden Rd, Ithaca, NY 14853-8001
/ BigAl v E-mail: av@lns62.lns.cornell.edu, av15@cornell.edu
-------------------------------------------------------------------------------
```

3023. Pro43 and Pro39 on sale at RS

Newsgroup: rec.radio.scanner
Date: 1994-09-29 19:39:24 UTC
From: sbonnema@rtsg.mot.com
Message-ID: <36f55c$c1@delphinium.cig.mot.com>
Source record: 267980

RS started a sale this morning (9/29/94) on the Pro43 ($299)
and the Pro39 ($219). It runs through the end of October (10/29).

Stuart

3024. Freqs for Bay Area

Newsgroup: rec.radio.scanner
Date: 1994-09-29 20:20:00 UTC
From: echeng@leland.Stanford.EDU
Message-ID: <36f7hg$97r@nntp.Stanford.EDU>
Source record: 268061

Does anyone know an FTP site where I can get frequency lists?

3025. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-29 20:24:38 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <36f7q6$2je@mozo.cc.purdue.edu>
Source record: 268062

In article <rdervan.148.0012A742@mindspring.com> rdervan@mindspring.com (Richard B Dervan) writes:
>In article <CwFw0u.A4D@freenet.carleton.ca> av378@FreeNet.Carleton.CA (Laurence Kearley) writes:
>
>>An easier way to listen in on the action both in the airport and on the
>>plane is to use an Optronics AM Interceptor.
>
>Errr... Air Freqs are FM, just above the normal FM radio stations.
>108-117 are nav aids and 118-136 are voice.
>
>-Richard

Bzzzt...but thank you for playing. Please select another category.

AM and FM are modulation methods, not frequency bands as in common usage. ATC comms are AM for two reasons:

1) Historical - aircraft have used AM from the beginning and changing over now would be a royal pain in the rear.

2) Capture effect - with FM, the strongest signal wipes out all other signals, while with AM multiple signals can be heard on one frequency. This prevents a stuck transmitter on an aircraft from completely wiping out comms on that frequency, and ATC can recognize when two aircraft transmit simultaneoulsly.

You can check this out with a scanner that switches from AM to FM in any frequency range (e.g. Pro-43). Select FM in the 118-136 band and you won't get squat.

--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

3026. Help chosing radio

Newsgroup: rec.radio.scanner
Date: 1994-09-29 21:20:54 UTC
From: kenneth@eri.erinet.com
Message-ID: <36fb3m$49t@eri.erinet.com>
Source record: 268064

Need help choosing a scanner I would like one that covers everything.
Whats the diffrence in one that states 150khz-30mgz and one that says
25-2ghz. I am looking at the Icom 7100 is it any good, whats some other good
scanners?. All help is greatly appreciated.

3027. RIP OFF ALERT!!!!!!

Newsgroup: rec.radio.scanner
Date: 1994-09-29 21:22:28 UTC
From: tumeke@midland.co.nz
Message-ID: <36fb6l$5ps@news.midland.co.nz>
Source record: 268063

I have given this guy plenty of time to reply, how's 5 months?
I have given this guy: John Kwiatkowski email address:
(jkwiatkowski@attmail.com) which surprisily does not exist no more
has ripped me off!
I purchased a scanner off him, payed him the money, and the scanner still
hasnt arrived after 5 months.

SO THIS IS YOUR WARNING DONT PURCHASE ANYTHING OFF THIS ARSEHOLE!

John if your reading this, why havent you replied!!!!

3028. Re: looking 4 newyork news/media frequ's

Newsgroup: rec.radio.scanner
Date: 1994-09-29 21:42:33 UTC
From: rdcole@crl.com
Message-ID: <36fcc9$klh@crl4.crl.com>
Source record: 268065

LEPP225@DELPHI.COM (lepp225@news.delphi.com) wrote:
: HI, I'm lloking for any frqu's that has to do with news in the new york city
: area. EX. abc,nbc or cbs news crews. Plus if you have any news choper. I
: know that news radio 88 has a choper.and so does shadowtraffic. But t
: i know for sure bbn "breaking news network" is dispatch via a alphanumeric
: pager in the 931.'s .If you can help me thanks in advance..

Check the 450.0000 to 451.0000 & 455.000 to 456.0000 those are the majors
sections of the UHF band where the Media exist. It's the Live remote
channels that they use on the air. Alos check 161.6 to 161.8 for more
stuff. It depends on the area. Most metros use the UHF channels. But
then they may be on 902-928 Spread Sprectrum Digital, but I doubt that,
its too new and the range appears to be very limited.

Ron
N5HYH
CE KZEP-AM/FM

3029. Re: looking 4 newyork news/media frequ's

Newsgroup: rec.radio.scanner
Date: 1994-09-29 21:46:55 UTC
From: rdcole@crl.com
Message-ID: <36fckf$l1p@crl4.crl.com>
Source record: 268066

J4Dice (j4dice@aol.com) wrote:
: ABC Radio - 161.640, 161.700, 450.925, 455.925, 948.000
: NYC Broadcasting System: 951.375, 951.625
: WNYC: 455.990, 944.250, 945.500
: WPIX: 946.500

FWIW the 947 to 952 range are STL's (Studio to Transmiter Links) and come under the 1986 ECPA, just like thee Cell Phones. So you can't listen to them.... ;)

Ron
N5HYH
CE KZEP-AM/FM

3030. Regency 1040 Question

Newsgroup: rec.radio.scanner
Date: 1994-09-29 22:28:00 UTC
From: rbn@apple.com
Message-ID: <36ff1g$eef@apple.com>
Source record: 268071
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I have a Regency 1040 scanner with a bad memory. :-) It'll accept a frequency entered into the VFO, but if I try to write that frequency to memory and scan the frequency is gone. I'm guessing it's a bad RAM chip, but without opening up the case I can't be sure.

I'm hoping someone here is familiar with the 1040 (a schematic?) and can suggest whether there is in fact a discrete RAM chip...and exactly what chip that would be. :-)

Any help is appreciated.

rbn@apple.com

3031. Re: Wanted: AOR AR1000XLT Opinions

Newsgroup: rec.radio.scanner
Date: 1994-09-29 22:38:15 UTC
From: schuster@panix.com
Message-ID: <36ffkn$bnj@panix3.panix.com>
Source record: 268067

In article <36eu9e$bbv@newsbf01.news.aol.com>, DSPman <dspman@aol.com> wrote:
>In article <36au4q$k9l@usenet.INS.CWRU.Edu>, fb487@cleveland.Freenet.Edu
>(Mark C. Smally) writes:
>>Your better off getting the AOR 1500XLT. Has better AM
>>ShortWave Reception and also comes with SSB.
>What is the frequency coverage of the 1500XLT? Does it
>have full 800 MHz coverage?

The AR1500 is an 1000 crammed into a smaller case, with poorly-implemented (analog BFO) SSB and a useless auto-store feature. It has poorer sensitivity, poorer audio, and poorer battery life than the AR1000XLT. I have Howard Bornsteins comparative review online here if anyone wants a re-post.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3032. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-29 22:51:48 UTC
From: rdervan@mindspring.com
Message-ID: <rdervan.150.0016DDB3@mindspring.com>
Source record: 268002

In article <36f7q6$2je@mozo.cc.purdue.edu> mconner@rain.atms.purdue.edu (Mark D. Conner) writes:

>Bzzzt...but thank you for playing. Please select another category.

I stand corrected.... :-)

-Richard

3033. D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-09-29 23:32:19 UTC
From: sbonnema@rtsg.mot.com
Message-ID: <36fiq3$6ma@delphinium.cig.mot.com>
Source record: 267995

Have the modification procedures changed at all for the Pro43?
I am following the one written by A. Ray Miller which says to
move D4 to the position of D3. When I opened up a newer Pro43
to do this, I found out that only two diodes where placed --
D1 and D2. Any suggestions?

Stuart?

3034. Re: Help chosing radio

Newsgroup: rec.radio.scanner
Date: 1994-09-29 23:45:14 UTC
From: smacken@aol.com
Message-ID: <36fjia$h1a@newsbf01.news.aol.com>
Source record: 267976

I will not suggest any makes or models for you because everyone has different needs but heres the general idea about the freqs.

The spec. 150 khz to 30mhz is what mose people refer to as Low Frequency and High Frequency (LF/HF)

These are the bands where you listen to the world. Shortwave broadcasting and utility stations (coast guard military ships and planes from far away.)

This forum is prety much for those who are interested in frequencies above 30 mhz.

The 30mhz to 300mhz band is generically called VHF for Very Higf Frequency and 300mhz to 3000 mhz (is the UHF or Ultra High frequencies)

Frequencies above 30 MHZ do not generally cover the world. They are the places that you hear police/fire/cellular etc etc.

I hope this helps.

steve out

PS: (The 7100 for sure ;-)

3035. NEW PRO-51 Board to improve reception?? Any heard of it?

Newsgroup: rec.radio.scanner
Date: 1994-09-29 23:50:39 UTC
From: Jennifer Day-Elgee <elgeej@news.nbnet.nb.ca>
Message-ID: <36fjsf$ara@darwin.nbnet.nb.ca>
Source record: 267986

My local RS dealer claims that in Canada they are coming out with some kind of board (he called it a "tone board") that will improve reception on the PRO-51 and help get rid of the images.

My question is this....has anyone else heard of this board? Is he joshing me? I am considering trading in the '51 for the PRO-43, if I like it. I guess its a great scanner, but doesn't scan or search as fast as the PRO-51.

I would appreciate anyone e-mailing me the PRO-43 mod for cellular.

Thanks.

Jennifer

3036. Re: http site address

Newsgroup: rec.radio.scanner
Date: 1994-09-30 00:00:49 UTC
From: zen@ccs.neu.edu
Message-ID: <36fkfh$1kk@narnia.ccs.neu.edu>
Source record: 267978

Usman A. Mangla (31mangla@wmich.edu) wrote:
: Somebody recently posted a http site for scanners, could you repost or mail
: me that address.

: Thanks

Yup.. That was me.. I got some mod's & frequency listings up on it, and
the FAQ's... I'm trying to get a decent freq. database, so if you have
any freq's typed up send'em over...
Anyways, point your web browser to:
http://dice.dac.neu.edu/Homepages/paul/index.html

The scanner stuff is in the Ascii library.. Have fun!
Paul

Paul Nash ||------- PGP Key Available By Fingering me-----------
zen@denali.ccs.neu.edu ||---

3037. BC200XLT mass unlock sequence

Newsgroup: rec.radio.scanner
Date: 1994-09-30 00:06:02 UTC
From: price@jove.acs.unt.edu
Message-ID: <36fkpa$2br@hermes.unt.edu>
Source record: 267977

Is there a sequence for the BC200XLT that will mass UNlock all the channels?

thanks..

3038. Re: Wanted: AOR AR1000XLT Opinions

Newsgroup: rec.radio.scanner
Date: 1994-09-30 00:42:59 UTC
From: Joe Murphy <73113.1606@CompuServe.COM>
Message-ID: <36fmuj$10r$1@mhadf.production.compuserve.com>
Source record: 267982

All I can say is that I LOVE my 1000XLT. The 1000 memories is
the greatest thing. Now I can get everything that I want into
the scanner ingluding cities like DC that I don't use very often.
My batter life is great as far as I am concerned. My only gripe
is that I can't force the LED backlight to stay on when I'm on
AC.

--
Joe Murphy - Springfield, VA

3039. The Radio Spectrum - First Revision

Newsgroup: rec.radio.scanner
Date: 1994-09-30 01:18:12 UTC
From: g9153402@huey.csun.edu
Message-ID: <36fp0k$3rp@nic-nac.CSU.net>
Source record: 267996
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Below is the Radio Spectrum list I compiled from a couple of magazines.
I've corrected a couple of errors that were called to my attention.
You are free to do what you want with it: Print it, rip it, or burn it.

Berton Corson
Northridge, California

THE RADIO SPECTRUM

This is an approximate look, to help in searching frequencies on a scanner or shortwave radio. Just be aware, having the right frequency may not be enough, in tuning to a certain frequency. The time of day, atmospheric conditions, location, mode you're in (AM, SSB, Narrowband FM, Wideband FM, etc.), and your equipment, are also equally important. You'll find most transmissions are broadcasted in Narrow-band FM. Some main exceptions are shortwave (AM & SSB), commercial AM radio (AM), commercial FM radio (Wideband FM), television (Wideband FM), citizens band radio (AM & SSB), aeronautical communications (mostly AM), and some military VHF/UHF (Wideband FM). Most all scanners will pick a default mode for you, depending on what frequency band you are in. But many scanners also let you manually switch between modes (AM, FM, etc.) and frequency search spacing (5 khz, 12.5 khz, etc.) if the default modes are not correct. Happy Listening!!!

FREQUENCY USES/SERVICES
(in Megahertz unless
otherwise indicated)
---------- ----------

10 - 150 khz Military/government, submarine
(.01 - .15 MHz) communications.

150 - 535 khz Longwave Band, beacons, foreign broadcasts,
(.15 - .535 MHz) maritime.

535 - 1700 khz Your standard AM radio dial.
(.535 - 1.7 MHz)

1.7 - 30 Shortwave/High Frequency Band. Broadcasting,
two-way government, military and commercial
communications, amateur radio, CB radio (approx.
27 MHz), others.
Shortwave - Approx. Range Meter Band
1.8 - 2.0 160*
2.3 - 2.495 120

3.2 - 3.4 90
3.5 - 4.0 80*
3.9 - 4.0 75
4.75 - 5.06 60
5.9 - 6.2 49
7.0 - 7.3 40*
7.1 - 7.35 41
9.4 - 9.9 31
10.1 - 10.15 30*
11.6 - 12.1 25
13.57 - 13.87 22
14.0 - 14.35 20*
15.1 - 15.8 19
18.068 - 18.168 17*
17.48 - 17.9 16
18.9 - 19.02 15
21.0 - 21.45 15*
21.45 - 21.75 13
24.89 - 24.99 12*
25.6 - 26.1 11
28.0 - 29.7 10*
(In general, the lower shortwave frequencies
<higher meter band> are received better during
the night, while higher frequencies are re-
ceived better during the day. There are also
some amateur radio bands between many of these
shortwave bands(*). Consult a shortwave guide
for more detailed information.)

30 - 50 Very High Frequency Band. Government, business,
walkie-talkies. Also, cordless phones and
'baby monitors' found about 46 - 49 MHz.

50 - 54 Amateur radio 6 meter band.

54 - 72 TV Channels 2-4.
Channel 2 Audio (Wideband FM) 59.75
Channel 3 Audio (Wideband FM) 65.75
Channel 4 Audio (Wideband FM) 71.75

72 - 76 Manufacturing, remote control, eavesdropping
bugs, etc.

76 - 88 TV Channels 5-6.
Channel 5 Audio (Wideband FM) 81.75
Channel 6 Audio (Wideband FM) 87.75

88 - 108 Your standard FM radio dial.

108 - 136 Aeronautical communications (AM).

136 - 138 Satellites.

138 - 144 Military communications.

144 - 148 Amateur radio 2 meter band.

148 - 150.8 Military use.

150.8 - 174 Business, highway, law enforcement, government
weather, maritime.

174 - 216 TV Channels 7-13.
Channel 7 Audio (Wideband FM) 179.75
Channel 8 Audio (Wideband FM) 185.75
Channel 9 Audio (Wideband FM) 191.75
Channel 10 Audio (Wideband FM) 197.75
Channel 11 Audio (Wideband FM) 203.75
Channel 12 Audio (Wideband FM) 209.75
Channel 13 Audio (Wideband FM) 215.75

216 - 220 Maritime and aeronautical.

220 - 222 Land mobile communications.

222 - 225 Amateur radio.

225 - 400 Military aviation and space.

400 - 406 Military and government.

406 - 420 U.S. Government.

420 - 450 Amateur radio.

450 - 470 Ultra High Frequency Band. Business, industry,
military, fire government.

470 - 512 TV Channels 14-20, shared with law enforcement.

512 - 825 TV Channels 21-69, others.

825 - 849 Cellular telephones (receivers/handsets).

849 - 851 Aeronautical telephones (ground-based towers).

851 - 866 Business, public safety, trunked systems.

866 - 869 Public safety, law enforcement, trunked systems.

869 - 894 Cellular telephones (towers).
Note: Even though listening to cellular
telephone calls is technically illegal in the
United States, one will usually do better
listening to calls on the tower frequencies,
as opposed to the handset frequencies. This
is because most cellular phones transmit less
than one-watt of output. So unless the
cellular phone is very close to you, you
will have much more luck scanning the more

powerful towers, which transmit/receive for
each cell site.

894 - 896 Aeronautical telephones (handsets).
Note: In scanning airplane telephones, you
will usually do better listening to the handset
frequencies, instead of the tower frequencies,
unless you are very near a ground transmitter.
But, in any event, call traffic heard on handset
frequencies is very scant.

896 - 901 Private land mobil units.

902 - 928 Land mobile, amateur radio, personal communi-
cation units, cordless telephones.

928 - 932 Radio paging.

935 - 940 Business radio.

941 - 944 Government and non-government fixed services.

944 - 952 Broadcasters' studio-to-transmitter links.

952 - 960 Private fixed services, paging.

960 - 1240 Aeronautical navigation.

1240 - 1300 Amateur radio.

1300 - 1350 Aeronautical navigation.

1350 - 1400 Radio location.

1400 - 1427 Radio astronomy.

1427 - 1429 Point-to-point, mobile, space.

1429 - 1660.5 Various satellite transmission uses.

1660.5 - 1668.4 Radio astronomy.

1668.4 - 1700 Meteorological aids.

1700 - 1850 Meteorological satellites, U.S. Government.

1850 - 1990 Fixed point-to-point, microwave.

1990 - 2110 Broadcast studio-to-transmitter links.

(end)

3040. Re: Whooping Crane Tracking Freqs

Newsgroup: rec.radio.scanner
Date: 1994-09-30 01:24:31 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <Cwx58v.M2q@freenet.carleton.ca>
Source record: 268019

In a previous article, garyposs@bga.com (Gary Poss) says:

> A few months back, I saw a PBS documentary on Whooping Cranes and
>noticed some Cranes were carrying radio transmitters used for tracking
>beacons.
>
> I would like to find out the frequency that is used. In addition, the
>time of the year and approximate paths during migration.
>
>Thanks.......73, Gary....K5WWQ.
>

Ummmmmmmmmmm..... You're goin' to go chasing whooping cranes with
your scanner????

Won't your arms get tired??????

P->

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

3041. Re: RS Pro-2030 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-09-30 01:29:00 UTC
From: g9153402@huey.csun.edu
Message-ID: <36fpks$3rp@nic-nac.CSU.net>
Source record: 267997

Doug=Stewart%PC=SW%PCPD=Hou@bangate.compaq.com wrote:
> Does anyone know of mods for the RS Pro-2030 scanner?

> Thanks in advance.

> DougS

Here is what I have. I own a PRO-2006 and PRO-2030, and have done mods
on both of them. But from what I've heard, the newer PRO-2030's lack
the diode/jumper marked L201. I don't know if these units can be modified.
Bert

****

Modification to restore cellular frequencies in the Radio Shack PRO-2030
Scanner. Please be aware that listening to cellular is supposedly
illegal in the U.S. This mod is solely being posted just to restore
the full 800 mhz coverage that the scanner was originally designed for.

This mod is essentially the same as the PRO2026 except the location of the
jumper is slightly different.

1. Remove power cable.
2. Turn unit upside down.
3. Remove five (5) recessed screws from bottom panel.
4. Carefully remove bottom panel.
5. With display panel facing you, locate the jumper marked L201 on the
circuit board attached to the display. It will be about
2" in from the from and 2" in from the right side. It will look
like a RF coil.
6. Cut the jumper marked L201.
7. Reinstall the bottom and reconnect power. Scanner is ready for use.
8. Cellular frequencies are now restored with 30 Khz channel spacing.

Please note: I picked up this mod from the FIDO net. I have never
completed the mod myself because I own the 2006. But I do have the
service manual and this is the diode that locks out the cellular band.
Even the specs show this diode connected to pin 10 of the microprocessor.
This pin is the STRAP OPTION CELLULAR SKIP. Too easy!

3042. Re: Email newsletter for beginners!

Newsgroup: rec.radio.scanner
Date: 1994-09-30 01:39:08 UTC
From: cbscan@aol.com
Message-ID: <36fq7s$j5o@newsbf01.news.aol.com>
Source record: 268001

In article <34b2ie$nqd@search01.news.aol.com>, rbellville@aol.com (RBellville) writes:

Sign me up coach! E-mail to CBscan.aol.com
Thank you.

3043. Re: RECALLED SCANNERS AT SHACK

Newsgroup: rec.radio.scanner
Date: 1994-09-30 02:05:57 UTC
From: basham@hpcc01.corp.hp.com
Message-ID: <71960012@hpcc01.corp.hp.com>
Source record: 267941

/ hpcc01:rec.radio.scanner / jpa@pacifier.com (jeff anderson) / 8:15 pm Sep 24

(beginning of flame war deleted)
>
>Also why are Linear RAdios illegal? Hmm Tough question it isn't
>because people didn't want to use them? Try FCC rules and regs on
>transmitter strength...
>
>
>Jeff Anderson
>jpa@pacifier.com

"Linear RAdios"??? Spoken as only a Radio Shaq manager could! I guess,
since they are illegal, RS only sells non-linear radios!

The FCC doesn't really care about how strong the transmitter is --
it should be strong enough to not fall apart like the crap RS sells.
The "FCC rules and regs" set limits on Electric Field Strength (measured
in volts/meter) and/or Transmitter Power (measured in watts).

Jeff supports the supposition that RS only hires people who haven't
got a clue what they're talking about, but can BS their way past most
customers with the official RS Technobabble. That strategy doesn't work on
the Net.

Everett Fred Basham
efbasham@cup.hp.com

3044. Re: 2 way radio programming

Newsgroup: rec.radio.scanner
Date: 1994-09-30 02:37:34 UTC
From: vector@inferno.com
Message-ID: <27614SNCITCYUICIDTM@inferno.com>
Source record: 268007

IB>In article <35trtj$ce4@news.ycc.yale.edu> wcross1@minerva.cis.yale.edu (Wilb
IB>
IB>Cross HS) writes:
IB>> I was wondering if anyone had any programming software for 2 way radios
IB>> (any brand, motorola and icom preferred). I was told that these products
IB>> were freeware, however the cables are to be purchased through the
IB>> respective company.
IB>>
IB>> This software is used for PC -> Radio programming of frequencies.
IB>>
IB>> Thanks ... Email me if you have any information.
IB>>
IB>> Thanks again...
IB>>
IB>> Bill
IB>On that same thread, does anyone have information on GE products?
IB> Email or post

IB>Thanks in advance,

IB>Gordon

IB>Gordon Berlin | berling@alleg.edu |"When all else
IB>Hershey Fire Co. | Political Science major | fails, get a
IB>Hersheypark Security | Allegheny College | bigger hammer."
IB>Hershey, PA | Meadville, PA |is used for PC -> Radio
IB>programming of frequencies.
IB>>
IB>> Thanks ... Email me if you have any information.
IB>>
IB>> Thanks again...
IB>>
IB>> Bill
IB>On that same thread, does anyone have information on GE products?

i can get my stuff programmed for free. however, i can't get copies of
the software, mainly due to the dealer i know being worried about it's
spread through the underground.

as far as programming icom's goes, if it's an H16 or U16, it's very
easy...

holding down the function key on the radio, enter 1 5 9 3 5 7

when you let go, a ":" should appear between the "ch" and the channel #
on the display. you are now in program mode.

holding down <function> and pressing 5 displays the receive/transmit frequency for the channel you are on. you have to continuously hold down the function key while you are entering a new frequency. all digits in the frequency need to be entered. be sure to press <ent> before letting go of the function key to enter the frequency into memory.

you are in program mode so long as the : is on the screen.

to enter the CTCSS transmit tone, press <function> 1. this will display the current tone (u need icom's numeric chart...sorry, i don't have it). enter the tone # and press <ent> to continue. <function> 2 is the receive tone.

to enter in a repeater offset, press <function> 4. the display will show you the current offset. use * for a negative offset, # for a positive offset, followed by the offset value in MHz (+5MHz for 440-470, +3MHz for 480-495, no standard for VHF on the H16 though). 5MHz would show up as 05 00 on the display while 600kHz would show up as 00 60 on the display. again, be sure to enter in all digits, then press <ent> to accept the new value.

to enter in a special channel # (not more channels than 16, just a different # to label a channel with than 1-16), presss <function> 7.

i think <function> 8 is a time out timer option. never use the thing myself. keeps you from keying the radio for over 2 mins or something like that.

<function> 9 is transmit inhibit. you'll know if this is active because the TX indicator won't come on when you key the radio. great for entering in the local police and fire for monitoring purposes. keeps yo u out of trouble with the authorities.

remember, you can clone the 16 channel icom mobiles from an H16 or U16, just follow the instructions that come with the unit.

greg

vector@inferno.com
IB> Email or pos

3045. Re: Pro43 and Pro39 on sale at RS

Newsgroup: rec.radio.scanner
Date: 1994-09-30 02:56:13 UTC
From: hiattd@MCS.COM
Message-ID: <36fuod$i6n@Mercury.mcs.com>
Source record: 268006

Stuart D. Bonnema (sbonnema@rtsg.mot.com) wrote:
: RS started a sale this morning (9/29/94) on the Pro43 ($299)
: and the Pro39 ($219). It runs through the end of October (10/29).

: Stuart

I have seen a mod to activate the cell range fro the Pro39, does it
still work with the current models. Should I look for a specific
manufacture date? I want to purcahse my first scanner and thought
the Pro39 would be a good choice, but I really want to make sure
that the mod works. :)

Any suggestions would be greatly appreciated! :)

don
hiattd@mcs.com

3046. RS Pro-44 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-09-30 03:30:04 UTC
From: ke4pic@aol.com
Message-ID: <36g0ns$l5j@newsbf01.news.aol.com>
Source record: 267983

Can anyone help me find some information on any mods available for the
Radio Shack Pro-44 scanner? Any information would be greatly appreciated.

Please e-mail me at KE4PIC@aol.com

Thanks and 73s
Frank

3047. PRO-2006 - ATT Switch

Newsgroup: rec.radio.scanner
Date: 1994-09-30 05:22:35 UTC
From: dooman@indirect.com
Message-ID: <36g7ar$nc1@herald.indirect.com>
Source record: 268008

I found a PRO-2006 at one of the local Radio Shacks here in lovly Phoenix Arizona.

After one night of letting my wife control the PRO-51 ... I convinced her to spend the $350 for the PRO-2006.

I just have one question -

What is the "ATT" switch on the back for? The manual says *nothing* about it.

Thanks.

--

<<< - dooman ** dooman@indirect.com ** Randy DeForest - >>>

3048. HT600 Freq

Newsgroup: rec.radio.scanner
Date: 1994-09-30 09:24:58 UTC
From: vector@inferno.com
Message-ID: <013478QIPBUXNXCGHCFA@inferno.com>
Source record: 268018

ID>Hi there!

ID>I'm another guy new to scanning. Friend of mine introduced me to it, and so
ID>enough, I ended up buying a Pro-51. Lotsa fun! :)

ID>I am wondering if anybody has the freqs on which the Motorola HT600(?)
ID>operates
ID>on. If so, could you drop me a line through e-mail? Thanks.

ID>Dave
HT600, you're talking about anything from 140-174MHz up to 406-500
MHz or more...

either you need to find out what band the unit you're trying to listen
to operates on, or you better just set your scanner to search
everything. better yet, get a frequency counter...

vector@inferno.com
pretty broad spectrum you're talking about. is this a vhf unit or a uhf

3049. Re: Pro43 and Pro39 on sale at RS

Newsgroup: rec.radio.scanner
Date: 1994-09-30 09:46:52 UTC
From: keithr@primenet.com
Message-ID: <keithr.58.00AB3A70@primenet.com>
Source record: 267925

In article <36f55c$c1@delphinium.cig.mot.com> sbonnema@rtsg.mot.com (Stuart D. Bonnema) writes:

>RS started a sale this morning (9/29/94) on the Pro43 ($299)
>and the Pro39 ($219). It runs through the end of October (10/29).

Now should we beware of newer unmodifiable units or are older PRO-43s still available?

Best Regards, Keith

==========
Internet Address: keithr@primenet.com
Personal WWW Page: http://www.primenet.com/~keithr/
Packet Radio Address: KG7EL@KC7Y.AZ.USA.NA
Earthly Address: Mesa, Arizona
==========

3050. SW Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-09-30 11:44:29 UTC
From: jlloyd@cs.clemson.edu
Message-ID: <36gtmt$t2v@hubcap.clemson.edu>
Source record: 267928
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

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Below is a collection of SW receiver reviews written by readers of Rec.radio.shortwave. The number following the brand and model number is the number of readers, who indicated they use this type of receiver.

All credit for these reviews should be given to the readers of this group and not me.

John Lloyd

Radios Reviewed:

AR3000
DAK DMR-3000
Emerson PSW-4010
Grundig Satellit 500
Grundig Satellit 700
Icom IC-R70
Icom R-71A
Japan Radio Company NRD-515
Japan Radio Company NRD-525
Kenwood TS-450
Lowe HF-150
Lowe HF-225
Magnavox 3625
Magnavox AE-3805
Panasonic RFB-65L
Philips AE3905
Realistic DX-342
Realistic DX-350
Realistic DX-375
Realistic DX-380
Realistic DX-390
Realistic DX-440
Sangean ATS-803A
Sony 2010
Sony ICF-5100
Sony ICF-5900W
Sony ICF-7601
Sony ICF-SW20
Sony ICF-SW33
Sony SW-1
Sony SW-15

Sony SW-55
WATKINS-JOHNSON HF-1000

****

Sony 2010 - 3

I found it VERY easy to plug in and start listening. The supplied instructions are adequate for what they do, but are not really enough to really start enjoying the radio. The whip antenna works great at home, but just doesn't cut it at work (way too much metal/interference). Even the supplied wire antenna does not seem to help at work (I have not yet tried it at home (no real need).

****
Realistic DX-342 - 1

I've owned this little radio for about a year now and am really pretty happy with it.

Advantages: Size - Measuring approximately 4 3/4 x 2 5/8 x 1, you can take this little mini anywhere! Even slip it into your shirt pocket!
SW bands - Covers 9 SW bands: 49m, 41m, 31m, 25m, 21m, 19m and 16m.
MW, FM, FM Stereo (thru headphones)
Travel Power lock
Push button control
Runs on two AA batteries or AC adapter
Travel pouch
Carrying strap

Disadvantages: It's an analog unit, guys and gals, no digital display.
No back stand
Antenna does not rotate up

I've had a lot of fun with this little receiver. The SW sensitivity is quite good for my area of the country, Cleveland, Ohio. The speaker has a nice sound and improves thru the earphones. FM stereo thru headphones is great! MW DXing is surprisingly good! I can grab signals from Boston, Chicago, New York and Cincinnati much better than on my Magnavox AE 3625 Digital!

Summary: A nice little travel radio that's fun to fiddle with or take for travel when you're in a pinch. Radio Shack has discontinued this model so you might be able to find it on sale for around $50.00. I love the size! Ideal for travel! I'm

beginning to think that anything larger is too
cumbersome. I do miss the Digital Display and all the
features that go with it: Freq. display, Alarms,
world time display, etc. If I were buying today, though,
I'd consider what else is out there for just a bit more
money. For example, the new Sangean 606 is only
slightly larger and has all the digital features mentioned above that I miss. I
've seen it priced for as little as
$179.95!

****
Realistic DX-350 - 1

I bought this radio when I first started out in shortwave listening
because it was the cheapest thing at Radio Shack. I think I paid $60
for, but I'm pretty sure the price has gone down since then.

Nowadays I mostly use it as my travel radio. Sesnitivity is okay for the
price, but not too great. When I'm at home (western US) I can pick up
the major international broadcasters, but no too much else. On my trips
back East, I've found sensitivity picks up some, but it's still only
fair.

Performance on the AM and FM bands is average, but longwave seems to be
nearly useless. I've never heard any nav beacons on this one, even
though there are several near my house.

Radio Shack sells a reel antenna for about $8, and I picked one of these
up when I bought my radio. It helps reception a little, but not very
much. A much better solution is to wrap a stripped end of a wire around
the the whip antenna, and attach the other end to a metal windowframe.
I've tried connecting my longwire to it, but that just overloads the
receiver (not surprising).

One major problem that I've noted is that the dial markings on some
shortwave bands seem to be off by up to 10 kHz. If you know about it,
it's not much of a problem to work around, but initially it could be
quite confusing.

Overall, this receiver is average for its price. There's no real
surprises, either good or bad. If you really want an inexpensive radio,
go for this one. Otherwise, I would advise saving your money and going
for an inexpensive digital radio.

****
Realistic DX-375 - 1

It costs $99.99 though I got it for $89 since I had a coupon for a
rebate. For the price I think I got a good deal. It has digital tuning
and direct input of frequencies which allows tuning to be a pretty
simple job and not a time consuming act of patience. It uses two C type
batteries... I use rechargable ones and they last a pretty long time..

It is not small enough to carry in your shirt pocket but it could fit in the front or side pocket of an average sized backpack. It is just great when you are walking back home from school/work ... it can be easily carried in one hand as you catch up on the news from BBC/Deutschewelle/Radio Australia/etc.... as you walk home..
I get decent reception of all the `big stations' even indoors and have, on occasion also been able to tune to Radio UAE....

The sleep function is perfect for someone like me who likes to fall asleep with music... the FM sound is pretty good in stereo (headphones)... The AM reception is also fairly good but it has a very high tendency to catch those Bible bashing stations...probably a reflection of the region where I live...

The strap is a little shoddy and I have a feeling I may have to `fix it' soon... I expect it to pop out any moment....
Despite that, I like it...

****
Realistic DX-380 -2

I've owned a DX-380 for about 9 months now and....
It's a GREAT RADIO! However, I should qualify this. I bought it on sale from Radio Shack for the bargain price of $129.95! It regularly retails for $179.95. At $130.00, this radio is a real steal!

About the size of a large paperback book, the 380 is feature packed!

*DUAL CLOCKS
*ALARM WITH RADIO/BUZZER
*60 MINUTE SLEEP TIMER
*DUAL BANDWIDTHS
*DIRECT FREQ. ENTRY TUNING
*TUNING KNOB
*SLEW TUNING
*TUNES IN 1 OR 5 KHZ STEPS
*CLOCK DISPLAYED SEPARATELY
*BACKSTAND
*STEREO THRU HEADPHONES
*CONTINUOUS SW COVERAGE...NO GAPS!
*AUTO SCAN UP OR DOWN
*ANTENNA ROTATES AND SWIVELS
*CARRYING CASE

The sensitivity of this radio is GREAT! With a reel antenna, it's even better! I read another review that said reception was lousy....I think that individual should check his particular receiver as he might have the rare defective unit. MW reception is also outstanding and with a Slect-A-Tenna is greatly improved! Herein Cleveland, I pick up Chicago, Cincinnati, and Pittsburgh during the day WITHOUT the select-a-tenna! With the S-A-T reception gets an added boost!

(these are all 50,000 watt stations)

I have found it to be about the perfect travel size. I would like something smaller, like the 606. This size, however is fine. I've carried hardbound books on jets that are larger. The many features makes up for it's slightly larger size over a mini. It does not have SSB, but I really don't miss it.

All in all, A great radio priced at $130.00! I would not have bought it for the price of $179.95. There are other radios in that price range that ive ya more bang for the buck. At $130.00, it's a great deal! If you can get it at that price, snap it up!

I am by no means an expert, but I have a DX-380 and can give some of my experiences. First of all, I would pay the extra to get the 390 to get the single side band capability. I miss it. I miss it. Also, the sensitivity for foreign broadcasts (I'm in DC) without an external antenna is poor. You get the BBC and some German broadcast relays from Canada transmitters, some south american stuff, and that's it. BUT with a 50 m Cu wire out my 2nd story window attached to the antenna with an alligator clip, I regularly get Abu Dhabi and Australia at night.

****
Realistic DX-390 - 2

Great mid-sized digital portable. Good sensitivity and selectivity. Digital display shows time, frequency, signal strength, and memory location. Covers LW (in 9 kHz steps), MW (in 9 or 10 kHz steps) and SW continuously from 150 kHz to 30000 kHz. FM reception (88-108 MHz) with stereo through headphone jack. BFO control for SSB reception. Built-in timer/clock, 9 programmable memory locations per band, except 18 on SW. Good audio output. RF Gain and AM bandwidth controls. Keypad frequency entry. External antenna, AC-adapter inputs.

A great radio for the beginner or as an upgrade from a smaller and/or analog unit.

Purchased from Radio Shack for $219 in January, 1992.

I have a new Realistic DX-390 (alias Sangean 813??). Seems to be a great value for the price $169 US. I haven't yet heard from someone who can recommend a radio for the same price that is better, and can back it up with facts.

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Grundig Satellit 700 - 3

Truly a world-class portable, digital receiver. Excellent sensitivity and selectivity. Digital display with two separate clock/timers, signal strength meter, band selection, frequency readout, and user-definable eight-character "name" for each

memorized station. Has RDS circuitry on FM to decode the newly-phased-in system for identifying stations by call letters, format, etc. 512 memory positions, upgradable to 2048. Tunes in .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. Receives USB and LSB. Synchonous detector helps pick difficult-to-receive stations out of the crowd. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz). Excellent audio output, with separate treble and bass controls. Stereo through headphones or external speakers. Line-level out (left and right), external antenna, and 12 VDC-in jacks. Local/DX switch. Built extremely rugged. Multi-national power supply included.

An outstanding performer, and worth the price to a serious SWL or DX'er who requires portability.

Purchased from Universal Radio for $479 in April, 1993.

The Following is a comparison of the SONY ICF-SW77 and the GRUNDIG SATELLIT 700:

Both of the receivers you are looking at are pretty solid. The Sony is slightly smaller and has a somewhat more "finished" feel about it. The Grundig is SOLID with a much better sound. Neither is as good a SW signal receiver as the previous Sony, the '2010 (2001). However, they both have very advanced features; multiple (and in the Grundigs case, expandable) memories with alphanumeric tags so that you have a name as well as a frequency, all sorts of memory grouping and scanning etc. The Grundig has good RDS ident. on it's FM band, but I have a feeling that this isn't used much, if at all, in the US. If you intend to buy second-hand, be very wary of the SW77 - the early version was pretty flakey. The later version is better but still not as good as the '2010.
I think that the choice comes down to "feel". They are both quite complex to use, but both work as advertised. Try 'em both as they have quite distinct operational methods. If sheer performance on SW is the main point for you, compare them with the Sony ICF2010. You'll buy it and save some loot !
For what it's worth, I tried them both and settled on the Grundig. I have my Satellit 700 in daily use and it's performed without a hitch.

My reasons for the choice were:

1. Performance. The Grudig was much better than the early SW77.
2. Sound. I happen to prefer the slightly bassy Grundig sound to the somewhat sharper Sony.
3. Power. The Grundig takes D cells and can self-charge Nicads in the set, which is how I have it set up. (The SW77 used C cells)

They both run down batteries fast. The Sony worse than the Grundig due to it's smaller cells.
4. RDS. I love it and the SW77 doesn't have it.
5. Feel. I like the, I don't know, Germanic solidity and sheer heft of the Satellit. A Satellit with a full load of 4AH Nicads can tip the scales at twice the weight of a SW77. Of course, if drop one on your foot the Sony would be the better bet ! I only use the Grudig about the house. I have a '2010 for the road.

I hope this splurge hasn't clouded the issue for you.

Editor's Note:
I have one of these radios and love it! I sent the following message to someone just after I bought it.

I just recently forked out $500 and bought a Grundig Satalit 700. The sound from the radio is truely impressive! I have always wondered why broadcasters put music on shortwave, because it alway sounded like garbage. However with the 700 I can listen and enjoy the music. The 700 has Bass and Treble controls, which improve the sound quality but the Automatic Gain Control most likely does the most toward improving the sound (I'm not an expert, so this is just a guess!). Anyway my Wife regularly listens to music coming from a 60m band radio station in Guatemala, and can enjoy the sound. However there are some bad points. It is programable, but I have not worked out how to do it yet. Well I tried once and gave up. This is not too bad though, because BBC, Deutche Welle, and about 10 others are stored in a ROM table. And these frequences actual work (i.e. they are the frequencies for North America and NOT Germany).
Also I connected a long wire antenna and found my local AM station on shortwave. I guess the front-end is not good enough to sort the signals out when coming from a large antenna. But don't worry about this either.
If you only want to listen to the biggies like BBC, Deutche Welle, you won't need an external antenna. I am planning to put a Pre-selector between The Radio and the Antenna, and I think this will cure the problem of AM stations on shortwave and cut out some interference. Finally I recommend this radio to you. I'm sure you will have hours if enjoyment from it.

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Grundig Satellit 500 - 2

Formerly Grundig's flagship portable SW receiver, this is still an excellent piece of equipment. Excellent sensitivity and selectivity. Digital display with two separate clocks (only one displayed at a time), signal strength meter, frequency readout, and four-character user-definable "name" for each memorized station. 42 memory positions. Tunes to .1 kHz

increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. In addition to AM, has three receiving "modes" for LW, MW, and SW: USB, LSB, and "Sync," which should more accurately be described as "fine tuning," as this implementation of synchronous detection operates differently from the Satellit 700 or Sony 2010. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz).
Excellent audio output, with separate treble and bass controls. Stereo through headphones. Line-level out (mono), external antenna, and 12 VDC-in jacks. Local/DX switch.
Built extremely rugged. Power supply included.

An all-around great performer. Now that it's discontinued, many outlets are selling this unit at close-out prices, making this radio an excellent value for the money.

Purchased from Universal Radio for $379 in December, 1992.

I have a Grundig Satellit 500 and am basically satisfied with it. I miss the 512 memories of 700 and 'SSB clarify' control sometimes.

Yes, its 'sync' is exactly fine tuning in 100 Hz steps. However, it is rather simple to make it work similarly to '700 and '2010, because the detector chip is the same in all three. Only a switch with two pairs of contacts is needed. Another design fault, the excessive distortion in SSB mode, can be partly cured by adding two resistors. For serious DX-ers it may be important that the internal ferrite rod cannot be disabled on MW and LW in both 500 and 700, so the in-house noise may become a problem on these bands.

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Lowe HF-150 - 1

The Lowe HF-150 (sold by Universal and EEB) is a nice compromise. Similar number of cubic inches as the Sony (different shape), but offering some features of the R8. Also the Lowe is made with a mostly solid alumnum case, which is better than the Sony or the Drake. The Lowe has dual antenna inputs (wire or SO-239), record out, audio out, 12vDC in. It can run off any 12V DC battery.
I use 7 aH gelcells which I recharge. The Lowe also takes 8 internal AA nicads *OR* disposable batteries. It will recharge the nicads with a builtin recharger if you plug it into an external power supply. It's a nice semi-portable radio. It has a few ideosyncracies, but you might want to look at it.

****
Lowe HF-225 - 2

I've had an HF-225 for a few years now, and I'm pretty happy with it. I use it mainly for broadcast listening. It's connected to 25m of random wire via a 5m coax run inside the house.

I tried using an ATU to improve the matching between the aerial and the coax, and on some frequencies it gave a (small) improvement in signal strength, but it was such a pain to keep retuning that I gave up using it.

I recently bought a "magnetic longwire balun", and this seems to offer the best of both worlds - improved matching between the wire and the coax, but no retuning necessary. It's rather expensive, though, and it may be that I'd have been just as well off with a home brew transformer on a ferrite ring...

The other potential advantage of an ATU, filtering out of strong signals well away from where you're listening, seems to be completely irrelevant on the HF-225. I've never yet found a case where switching in the attenuator did anything beneficial. The receiver's front end seems to be excellent in this respect.

I've got the sychronous detector option, and I wouldn't be without it. It quite often makes a heavily fading signal quite pleasant to listen to. Pity it doesn't have a selectable sideband option, though - I quite often find myself tuning an AM signal in the LSB or USB modes to try to get rid of an adjacent interfering signal.

Would I buy it again? Yes, unless I decided that I really wanted a receiver which offered a computer interface.

****
Sony SW-1 - 2

I bought an SW1E over a year ago, for listening to broadcast SW and FM at home and while travelling. I like this very small radio a lot. It is maybe expensive for a portable, but the build quality is very good, - everything looks and feels right.
Battery life is good, and the set DOES work with NiCads (2*AA) contrary to the instructions. Reception of broadcast SW is good, either with the whip or clothes-line antenna. I've never noticed any big problems from adjacent channels either. As a bonus, FM stereo reception is good through headphones. Audio quality from the in-built speaker is fair, but you'll want to use phones for noisy environments. The only bug with this radio is the memory capacity - only 10 mems is really not enough to cover ALL of AM and FM.
Summary - if you want a very small portable, and appreciate high quality (and can afford it), I would recommend the SW1E. Note the E, which denotes the SW1 kit without the active antenna and brief case - these add a lot to the price, and I don't rate the antenna too highly either.

****
Sony SW-15 - 1

I bought one of these puppies on impulse the other day (at my age you should give in to the occasional impulse, just so they keep coming). Cost $85; you could probably do better by shopping the discounters.

Specs:

Dual Conversion Receiver, 6 1/2 x 4 x 1 1/2 inches, 3 AA or 4.5v DC.

Nine Bands:

FM: 76-108 Mhz, 10.7 Mhz IF.

SW: 5.775 -6.425; 6.875-7.525; 9.375-10.025; 11.6.5-12.265; 15.00-15.65 17.50-18.15; 21.325-21.975. 1st IF 10.7 Mhz; 2nd IF 455 Khz.

MW: 530 - 1710 Khz; 455 Khz IF.

Analog Tuning dial, volume control, music/news tone switch, 7 position SW band selector. FM/MW/SW select buttons double as "on" switches. "Off" button. "Hold" button to disable "on" (prevents accidental turnons) Slide rule, multicolumn frequency display. Hand strap, foldout stand to hold at angle on table, soft carrying case. Basic shortwave guide. Telescoping antenna. FM/MW/SW "on" and tuning LEDs. Mono earphone jack.

Subjective Review:

I'm pretty impressed. Sensitivity is up there with the Pomtrex [:-)] without the "splatter" of strong stations. Analog tuning dial requires a delicate touch but for me that's part of the fun. Drift seems nonexistent; you get a station and it keeps it without a lot of vernier twiddling. MW performance was surprisingly good, as was FM. I'd recommend it as a starter radio.

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Sony ICF-5100 - 1

I bought this radio in Kuala Lumpur in 1988, and I'm not sure if it goes by the same model number in other parts of the world. It is a shirt pocket analog tuned radio with coverage from 6MZ to about 21MZ in seven bands. The radio is very rugged and has served me well despite of the physical abuse it has gone through. Because of its small size the speaker is only small and the sound from it it a little tinny, but I used it mainly to receive news in countries without English language news services and in remote areas while camping etc. I recommend this radio to anyone, who considers size the most important factor. Cost was about US$70.

****
Sony ICF-7601 - 2

In some respects this is my favorite radio. No bells no whistles no FM stereo -- just a good solid (feels like a small brick)

analogue unit. It covers AM, FM and has 10 SW bands that cover most of the "out of band" frequencies. Band switching on SW is done by a slide on the front of the radio while buttons are used to switch from AM to FM to SW. The dial is accurate to 5 kHz so is very easy to locate a station. I believe that it was simply the best low cost analogue rig out there. It's still around and can be had for well under $100.00. Grab it!!

I have a 7601 also. Most of its weight is from the batteries and the speaker, giving it better tone and volume than smaller, lighter sets.

As with other cheap analog sets, it wasn't very hot out of the box.

If you "super tweek" the 7601, it's pretty good on AM, but no match for a 2010 or Superradio III. Most of the shortwave bands peaked up well, but I never could get 19 meters working right. As with most analog portables, the whip is part of the RF tuned circuit, so one must be careful to duplicate the exact listening conditions when tweeking the radio. Even the presence of headphones will shift the antenna tuning.

Unfortunately the 7601 picks up FM stations at various places on the shortwave bands. If you're far enough away from FM and TV stations you might have room for an R-390.

When going on trips I usually take my SW-1 because of the convenience of the presets and the reception flexibility provided by the active antenna that comes with it.

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Sony ICF-SW33 - 1

I've owned this radio (SW33) for about 9 months and use it as my "carrying around the house rig." It was purchased to replace a Sony 7601 that now resides on my desk at college (things electronic can grow legs on a college campus). By far the best features of this unit are its convenient size and excellent performance on all bands, AM, SW and FM stereo. Don't get me wrong -- this is not a DX machine on SW but for listening to the major broadcasters, it's excellent.

The single filter selection seems just about right and tuning on SW is in 1 kHz intervals. This at least gives you a "fighting chance" to move away from interference. That's a major improvement over the 5 kHz that many radios in this price range allow. In addition, the dual conversion design on SW keeps image interference at bay - a major plus for a small portable.

The radio does not have a keypad so entering frequencies is a bit clumsy. However, by entering the middle frequency of each of the major SW bands in the 7 memories (5 memories plus 2 timer

memories) and slewing up or down from those positions you can get around reasonability fast. The SW bands are changed by a combination of 2 keystrokes.

The sleep control (shuts the radio off after 1 hour) can let you be lulled to sleep and the timer alarm can make sure that you get to work on time (radio shuts down after 2 hours if it is turned on by the timer). Setting the radio alarm is very easy - once you have set the clock, but that frankly, is a pain. The clock function, which works very well (combination world/home time), takes at least 7 distinct steps to set it. Fortunately the clock is fairly accurate (looses about 0.2 sec/day) so you don't have to reset it very often. The lighted dial (stays on for 20 sec at the touch of a button) is a nice touch.

Battery life is excellent contrary to the 1994 Passport to World Band Radio (see below). The radio has a battery "gauge" that is activated at the touch of a button radio and shows in the display as a battery icon with 3, 2, 1 or 0 dots inside of the battery outline. It disappears after about 5 seconds. As soon as the number of dots reaches 0, the radio shuts off immediately. I ran a a series of tests with Radio Shacks Super Alkaline batteries and got the following results: 3 dots showed for 37 hours, then 2 dots showed for an additional 11 hours, and finally 1 dot showed for 3.0 hours for a total of 51 hours. (Radio ran 1.5 to 2.5 hours/day with the volume control set at 1/2 volume most of the time). At $2.89 (plus 5% for tax) for a package of four AA batteries (the radio takes 3), that figures out to 4.5 cents/hour which is excellent. This figure differs greatly from that given in the 1994 Passport (25-30 cents/hour). I have no explaination for the difference but I stand by my test values.

Would I recommend this radio to anyone? If you do a lot of band-scanning, forget it; it will drive you crazy. But at about $140.00 plus shipping (NYC mail-order) it's an excellent "second" radio to carry around for listening to the major broadcasters. I like it!

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Realistic DX-440 - 2

I have a DX-440 and I think it is a good 'dabble' radio but if I ever get serious I will look for a > $500 table model.

I love this radio! It's my main radio and I use it exclusively at home, moving it from room to room. It really is too large for travel

I've found the sensitivity to be tremendous on SW, MW and FM! Very rarely do I need to attach a clothsline antenna! It has continuous SW coverage, a great sounding speaker, BASS and Treble controls, two bandwidths, great sensitivity, good spurious signal rejection...It has all the features I wanted in a starter radio! I bought it about three years ago on sale for $150.00! I still

don't know why Radio Shack discontinued it. If you're
looking for a good starter shortwave radio and can still
find one laying about at a Radio Shack store priced to move,
GRAB IT!

****
DAK DMR-3000 - 1

I bought this radio since they have a 30-day money back guarantee
and I did not know if I would like the hobby or the radio. Good
points: direct-entry tuning, 36 station memories, fairly small so
it is easy to travel with, speaker sound was good, reception was
okay, but improved dramatically with the addition of the Radio
Shack 23' rollup longwire ($8.95). Bad points: only 5kHz tuning
steps, only major broadcast bands tunable (large gaps between
bands), selectivity not so good, no fine tuning, no BFO, no SSB
or CW, poor FM reception. All in all, not a bad radio of $69.90,
however, it left me wanting for more, so I got rid of it.

I have seen a couple of posts asking for a low cost SW receivers.
I have recently bought a DAK Model DMR-3000, for just
$69.90+$6.00 shipping from DAK - a mail order company.
The receiver has a direct access, so you can type in the desired
frequency, and a manual / automatic scanning system. It also has
a dual time clock with alarm and 'sleep' timer. Unfortunately you
can tune only to the commercial frequencies on SW, AM and FM
bands. I have to say though that cheapness comes at a price. The
first receiver I got was defective so I had to ship it back and
ask for a replacement. Now, I received a new one which works very
well.

Compared to my Sony ICF-7601 the DAK unit is an insensitive
brick. The fancy clock and timer features aren't really worth it.
About the only thing nice is the FM Stereo support if you plug in
headphones but the FM sensitivity leaves much to be desired as
well.
Something else to watch for.... That pretty lettering on the
buttons will wear off REAL fast. If you haven't used it much yet
you won't see a wear off REAL fast. If you haven't used it much
yet you won't see a problem. After you've done some tuning you'll
see the pretty arrows disappear from the buttons.

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Sangean ATS-803A - 1

Since I was now turned on by SWL'ing, I moved up to what most
people agree is the best all-around radio for this price. Good
points: excellent frequency band coverage (150kHz to 30mHz), fine
tuning, good selectivity, BFO for SSB and CW, many scanning
options, lots of accessories included, good AM and FM reception.
Bad points: way too big to travel with, high battery consumption,
synthesizer noise in background all the time, scanning frequently

skipped lots of "listenable" stations that I was able to get by manual tuning (what's the use in scanning, then?). I found that adding a longwire antenna only increased interference and noise while not improving the set's scanning sensitivity. Overall, a fairly good radio for the price...

I have a Sangean ATS803A which I love. Comments to quote me on would be that it's an excellent beginner's radio for the price. Although I've heard that the 818 is the "latest and greatest" in this price/performance category. I especially love the full coverage 150kc-30mhz and the (albeit lo tech bfo) SSB capability.

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Sony ICF-SW20 - 1

I was in dispair when I could not find a decent travel portable for under $200. However, I accidentally crossed paths with a Sony ICF-SW20 on sale (normally $99, on sale for $49.99) at a local store and had to check it out. It is an analogue set, but since I got a 30-day return policy on it, what the heck? Good points: analogue tuning so no problem with confining 5kHz tuning steps, INCREDIBLE SENSITIVITY - this radio blew the DAK and Sangean away with the number of stations I picked up, good selectivity (no fine tuning knob - all you need to do is turn the tuning knob slowly), tiny size (4"w x 3"t x 1"d), small whip antenna (only 18"), addition of Radio Shack rollup longwire increased sensitivity even more, great low price (if I lose it or its gets destroyed, no problem replacing it), tuning bands are wider than the major broadcast bands, so you do get some utilitiy reception as well as WWV, AM and FM are really sensitive while FM goes from 76mHz to 108mHz so I can pick up some TV as well. Bad points: frequencies cover only seven broadcast bands (I can live with that, though), only monaural earphone included (however, you can get a $1.39 mono to stereo headphone plug), no BFO for SSB or CW, no station memories. All in all, this radio gave me the best price/features/size ratio of the ones I checked out first-hand. It's a keeper for me!

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Magnavox 3625 - 1

Finally received my Magnavox 3625! Well, I'm certainly happy I purchased this little radio. Sure, it's not top shelf, but it's suitable for travel purposes and gives adequate SW coverage.

Has these features:
Travel Lock
Alarm (beeps, does not turn on radio)
Sleep Timer
9/10 KHz switch - for world travel
12 hour clock (however, when unit is swith to 9 KHz steps 24 hour

clock kicks in)
20 presets - 5 for each band FM, AM, SW1, SW2
Dual time
Auto store - this feature allows the radio to automatically find
the five strongest stations in an area and program
them into the memory of the FM & AM band.
Back stand
Antenna swivels and rotates
Runs on four AA batteries.

Well, the sensitivity is quite good. Steps in 1 KHz increments.
No tuning knob but the slew tuning buttons work just fine. It's
about the size of a paperback book and can be taken anywhere
reasonably well. No carrying strap,
though. The SW coverage is limited but it grabs the major
broadcasters exceptionally well. Example: the 41 meter band is
covered from 7100 to 7300. So if you want to listen to the BBC
on 7325, you're oput of luck.

However, I like to listen to the BBC on 12095 or 15070 European
signals during the day that I cangrab when I attach a long wire.
The 3625 can't tune these freqs. but it can grab 15400 (from
africa) WITHOUT a long wire antenna! I'm pretty impressed.

Bottom line....A GREAT little travel radio for $70.00! Call a
Magnavox outlet if you are interested.

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Magnavox AE-3805 - 2

Great little digital portable. Good sensitivity, average
selectivity. Covers MW (in 10 kHz steps only), FM (no stereo),
and SW in two "bands": 3200-7300 kHz and 9500-21750 kHz. Built-
in timer/clock (12 hour format only), 5 programmable memory
locations per band. Great for travel use.

Purchased from Damark for $49 in May, 1993.

$50 from Damark closeout -- cheapie category

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Emerson PSW-4010 - 1

Great analog portable. Good sensitivity and selectivity. Covers
MW, FM (stereo through headphones), and SW in 8 bands (roughly
split out as 13m, 16m, 19m, 25m, 31m, 41m, 49m, and
60/75/90/120m). An excellent travel portable.
This is the same radio as the Sangean SG-789.

Purchased from DAK for $49 in June, 1988.

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Sony ICF-5900W - 1

Sony ICF-5900W was a good radio in its day, but isn't worth
listing now.

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Icom IC-R70 - 1

I purchased my R70 in early 1983. It came with a scratched plastic
window for the digital display, which the factory replaced. It is
an extremely sensitive receiver. I installed the FM detector board
option, which is highly useful for Sub-Carrier detection from FM
broadcast receivers in conjuction with the R70's ability to tune
below 100khz without a frequency convertor. The so-called PassBand
Tuning (PBT), in actuality an asymmetrical bandwidth narrowing
control, is very mediocre with the factory 455khz filters. Replacing
the 455Khz ceramic SSB filter with a Fox-Tango FT-44 2.4khz 8-pole
crystal filter (equivolent to the ICOM FL-44) makes the passband
filter work as one would want. The AM 455Khz ceramic filter is junk,
and was replaced with a higher quality "4Khz" ceramic filter from
the long-defunct Radio Plus firm. The actual specs for the 4Khz filter
indicate that it is a slightly asymmetrical filter of 5.6Khz bandwidth,
causing a slight degredation of the "highs" (The original spec is
for a 6Khz bandwidth; the 9Mhz AM filter is a 6-pole device). Inclusion
of both replacement 455Khz filters results in a combined shape factor
of much better than 2:1 on AM or SSB. In addition, the RF amplifier
was enabled for AM broadcast band use, and an MOV was placed across
the AC input for protection against voltage transients. [Actually,
a Transorb would be far better in defending against narrow transients.]
For awhile, I replaced the diode AM detector with a Shottkey diode,
but my ears could detect no difference in distortion, and so the
original AM diode was returned to the circuitry. It's been serviced
once by ICOM for an intermittant problem ($150 ouch). There exists
several modifications to enable selection of the 455Khz SSB filter
whilst in AM mode for additional selectivity.

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YORX AM908 - 1

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Drake R8 - 1

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Drake SPR-4 - 1

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Icom R-71A - 2

Eskab & Edvis of Sweden used to offer a Phase-Locked AM (PLAM) detector for
the R-70 and later R-71; they also offer a version for the NRD525. I have
the R71 version. It is a synchronous detector which allows selection of USB
or LSB via the IF filter/BFO offset. The PLAM board phase-locks one of the
R71 local oscillators (I forget which one, probably the BFO) to the AM
carrier. It contains its own product detector. The lock range is not very
large, perhaps +/- 20 Hz. The detector seems to have lower distortion than

the ICOM AM detector.

Compared to ECSSB, aside from the advantages of phase-locking the product detector BFO, the PLAM unit also lowers the corner-frequency of ICOM's low-pass audio filter, giving better bass response than normal SSB mode on the R71. I find that this improves the intelligibility of the signal.

The PLAM board piggybacks in the mounting area for the ICOM FM option board; both can coexist. Installation is somewhat difficult, as it involves connecting over a dozen wires to various boards in the R71.

Eskab & Edvis also offered a 4 KHz 2nd IF crystal filter for the R71. This installs fairly easily in place of the narrow CW filter. It is very much better than the stock ICOM 6 kHz bandwidth, which is wide-open until it hits at cheap ceramic filter in the 3rd (455 kHz) IF.

I don't know if Eskab & Edvis still offer the R-71 PLAM and 4 kHz filter. They used to advertise in the WRTH.

Regarding other options: I believe Sherwood Engineering offers an outboard synchronous detector for the R71 as well as other receivers. The Kiwa MAP unit should also be adaptable to the R71.

Also, Dom Moman of Shortwave Horizons publishes a modification manual, which details mods like enabling the preamp on MW, true pass-band tuning, sub-10 Hz RIT, etc.

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Kenwood R-2000 - 1

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Kenwood R-5000 - 1

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Kenwood TS-450-1

I know it's not a reciever, but since it has general coverage,I decided to put it in here.The TS-450S iaN amateur transciever that costs little more than a R-5000,and if you have your ham ticket or are thinking about getting it,may be worth checking out if you are in the market for a new toy.I'd be willing to bet the replacement for the 5000 will look just like the 450,just like the 5000 looks like the 450's predacessor,the TS440S.First thing it is EXACTLY the same size as the 5000/440.Unlike the 5000/440,it has an LCD display that is unlike any other I've ever seen.It is almost too bright!The brightness cannot be adjusted,unfortunatly.The 450 recieves in all the standard modes except for fax.It has a"normal"keypad unlike the 5000 and the aggravating CW that is producewhen a major button is pressed can be silenced by y -a simple menuss,you dont have to cut a wire like the 5000he S-Meter is a bar-graph type that I like but some people dont.It also has an Audio meter function that kin baffles me.I still dont know what use it is,but it looks nice!Probably the most notable thing you will observe when using the 450 is the QUIET!It is so quiet,it seems strange the first couple of times you use it.The AGC is non-defeatable and has a fast/slow toggle.It is the strangest

and slowest AGC I've ever seen,on slow the S-Meter just sits there and then SLOWLY goes down.On fast,it just isn't quite so slow.It seems to work ok,but is really odd.The stock filter for AM is a mile wide but you can add the YK88 AM filter but you wll lose the open slot for the 8.83 ssb filter.I'm not sure,but the 450 seems to have the same stock am filter the 5000 has.On SSB,it uses one of the better Murata ceramic filters and is ok but the optional SSB filters are highly recommended.The audio is FANTASTIC on all modes and if you put one of the minimus speakers from Radio Shack on it,you will like it a lot.Dont bother with the Kenwood speakers,the one that goes with the 450 is not too good and is expensive too!The ergonomics are pretty good,except for the tuning knob,yes like all the recent vintage Kenwood rigs,IT DOESN'T HAVE A FINGER HOLE!!Why does Kenwood insist on putting these awful knobs on all the rigs they have made lately!All in all,it is a very good riever in almost all respects,and since t it only costs about $100 more than a 5000,it is worth a lookND as a bonus, the recieve coverage goes up to 40 mhz!If you are into low band scanning,you will hear things on the 450 you never knew existed on your scanner.If you can swing the 450's sister model the TS690,you can recieve all the way to 60 mhz. When the 5000 is put out to pasture,if it's replacement is the 450 without the transmitter,it will be very tough competition for the other makes.All it needs is Sync.detection and you really couldn't ask for much more.

****
Japan Radio Company NRD-515

THE all time most user-friendly recieveof recent vintagHas PBT,analog fine tune,four I.F.bandwiths,AM,LSB,USB,and RTTY modes.There is no squelch but it really doesnt matter much.Of all the recievers I have owned,or ad over here to play with,it is the most sensitive in the SSB modeI have the standard 6 and 2.4 khz filters,and th600 and 300 hz filters whitch are great for RTTY or CW(if you are truly desparate!)The "protection"diodes have been removed due to intermod from a local AM station.The reciever's case,front and back panels are made of Aluminum,no plastic to crack on the 515!The audio in AM is very bad,almost as bad as the Icom R-71a,but in a different way.The audio is "fuzzy"out of the speaker jack,but not too bad out of the record jack but still a little "fuzzy".In the SSB modes,the audio is pretty clear and doesn't fatigue me like the Icom dos far as thergonomics goes,it's almost prefect!All the knobs are the right size,the tuning knob is large and has a nice deep finger hole(Kenwood,are you listening???).The S-meter is big and easily seen across the room.Dynamic range is very good after the diodes have been clipped(a one minute operation).The filters all are good quality and have good shape factors.This was the first "affordable"rig that had a memory option that was worth something with 24 or 96 channels available. The NDH-518 I have(96 ch.)is also made totally out of cast and sheet aluminum and matches the 515's styling.It stores frequency only,unfortunatly, due to the year it was designeIm guessing.There are lots of these recievers floating around on the used market for about $600 or so.Universal seems to have a lot of them passing thrgh the store.

****
Japan Radio Company NRD-525 - 1

This is a great reciever,marred only by bad audio and a hiss that will drive
you bonkers if you have good hearing and a speaker that can put out the highs.
I have had two of these,the first I traded for a sateite setup,and the one I
have now.The newer reciever has mucbetter audio then the first one and lesess
hiss too.Ergonomics are very good MUCH,MUCH better than the Drake
R-8.(IMHO,the Drake is seriously overrated and all the stuff about made in the
U.S.A.is kind of funny cause a LOT of the innards are MADE IN JAPAN!!!)Oh
well,back to the 525,if you are into AM,it's probably not the reciever for you,
but in allthe other modes,it is one of the best consumer grade recievers ever
made.Performance in all modes is basically excellent except fothe audio pr
problem,and stability is rock solid.JRC has only cut a few corners compared
to the 515,probably the ultimate in construction for consumer recievers.
The case is made of very thin sheet metal and the front panel is plastic.The
keys fit loose in the keypad but work ok.The display has four brightness
levels and is very easily read from across the room.The S-Meter is "digital"
and is a floating vertical bar segment that seems to be yellow on some samples,
and green on some others.It is sort of "spastic"and twitched a lot on the
first one I had,but not as much on the seconone.The first 525 I had would
"click" on strong AM signals,but the new one doesn't.The main tuning knob
spins very smoothly and has a nice finger hole.(KENWOOD,WHY DONT YOU LISTEN!!)
All in all, a great reciever.

****
Japan Radio Company NRD-535D - 2

I have been using a NRD-535 for two years and i am very pleased
with it. Although the relative high price makes this a radio
for the serious DXer and maybe not the average Shortwave listener.

The NRD-535 has very good ergonomics. It is very easy to operate
during long listening passes. It has 200 memory channels which comes
in handy for storing interesting frequencies that you want to
check later, or stations that you want to check regulary.

+ side:
On the plus side there is the BWC and the very good sensitivity.
The BWC combined with the PBT makes it possible to make
a station readable that is very close to another station, or
a interfering RTTY transmitter. I find that i mostly uses
the SSB mode and zero tunes the station, and then uses the
BWC and PBT to get the most readable signal. The BWC and
PBT has saved a lot of reports for me. The sensitivity
is excelent. It is among the best in this price class.

- side:
The audio in the built in speaker is mediocre to put it mildly.
A station that you read loud and clear in the earphones can be
inaudible in the built in speaker. The selectivity is not as
good as it could be. The NRD is very sensitive for splatter from
nearby stations, and this can totally drown the station that you
want to listen to. The ECSS option that you can equip your NRD with
is a joke. I have it installed but i NEVER uses it. The only time
you can use the ECSS with any improvement of the signal, is if the

received signal is strong to begin with. Don't waste your money on the ECSS.

The conclusion is that the NRD-535 is a very good receiver for the serious DXer but it has some shortcomings. The 535 is much better than the Icom R-70 that i had before, and i would recommend it to anyone that asked me. What you might want to do is change the filters to somewhat sharper filters. That goes for both the 9 MHz and the 455 kHz filters.

****
Yaesu FRG-100 - 1

****
Panasonic RFB-65L - 2

$220 from Universal, EEB, etc. -- my main set, an excellent portable, many features, nice construction and details.

****
Sony SW-55 - 2

This is my principal radio at the present time (I also have the Sony ICF-SW33 and the Sony 7601). This rig is an extremely sophisticated piece of equipment. I especially like the fact that you can store up to 125 frequencies on 25 electronic pages that can be named as you wish (by country). Once programed this is very convenient. The two filter selections are well chosen (much better than the stock Sony 2010 filters). My use the radio to copy WEFAX with excellent results attests to its stability (and that it receives USB and LSB).

The versatile timer/alarm and tape remote feature allow automatic recording with certain tape recorders (Sony and others) of up to five times and frequencies in a 24 hour period. I use this feature all of the time. Audio (stereo on FM) qualitity for a portable is very good; better I believe than the stock 2010 although as with the 2010, it is improved with a set of external speakers.

Unlike the 2010, the SW55 does not have synchronous detection. That's too bad because I believe that if it had this feature it would blow away
tition. As it stands it is an excellent radio. Most interference can be eliminated with the narrow filter or moving away from the interference a bit (the radio is tunable in steps of 0.1 kHz) so the lack of sd is not critical. I really believe that Sony did not include it because it would have then had a very negative impact on sales of the SW77.

Would I buy this radio again. You bet! The only problem I've had in the year an
owned it is that the lettering has worn off the 1, 5, 0 and EXE

keys on the keypad. That should not happen on a $300.00 radio!

I just got a SW-55 for Christmas and find it to be an outstanding radio. Now that I've said that, you should know that I am new to all of this "DX-ing" (is that how you say it?). However, I can tell you that it's reception with the built-in antenna and with the included auxiliary antenna is very good. I found that the radio comes pre-programmed with a number of stations (BBC, Radio Moscow, etc.) and they come in great.

As for your questions, I've found the speaker in the SW-55 to be very high quality, delivering plenty of volume and good sound. There are several "tone" switches (news vs. music setting, etc.) that enhance the reception and its sound. And, the unit is packaged well for travel.

The radio itself has several nice features (I don't know how they compare to other radios since I didn't comparison shop). There are several output jacks that make it easy to connect to external speakers, tape recorders, headphones, etc. There are local/long distance antenna settings. There are lots of ways to set and look at the time (local, UTC, Daylight savings, etc.) There are alarms and sleep settings (for on the road).

The tuning portion is quite nice. The radio of course offers digital tuning (punching numbers in to get to a freq.). But I find that I often use the "analog" tuning dial as well to either fine tune a station or to see what else is out there.

Best of all, the unit is packaged well. As a new user, I have enjoyed the little things Sony has done to make this experience a good one for the new user. Everything from the documentation to the carrying case has made it quick and easy for me to start listening to short wave. Included is a book that is a publishing of all the various countries broadcasting, with their freqs and times. (I gather that these things change quite a bit, but I presume that Sony updates it often)

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Philips AE3905 - 1

In short, in my experience, the AE3905 is no real great shakes. It looks neat as hell, and marks its owner as a man of taste and distinction with more money than brains (like I said, *I* have one). Its shortwave performance is mediocre. Using this in a hotel last February, I found that attaching the included reel antenna caused the radio to overload fairly badly. The batteries don't last very long. The filters included are fair, but you still get a fair amount of interference from adjacent stations (not as bad as some small portables, but not good). I certainly wouldn't want to use this as my primary radio. For portability, it's fantastic. I can listen to the BBC or VoA anywhere. The radio fits in my shirt pocket, although reception in my pocket isn't all that good. In short, the radio isn't worth what Philips charges for it, but if you've got more money than you know what to do with and a desire to have a flashy looking toy, it'll do.

The radio has only recently been available in small quantities in the U.S., and appears to have been discontinued in Europe. I got a reconditioned copy for $179 from the Magnavox factory outlet in Kentucky. Universal lists the radio in their catalog for something like $250 new if I recall correctly. You're not likely to find it anywhere else.

****
WATKINS-JOHNSON HF-1000 HF RECEIVER

I will be doing a lot of comparisons to my other receiver, an NRD-525. To give a basis for comparison, the NRD-525 has been upgraded by the following modifications:

ESKA PLAM board with four added filters following the IF strip
Installation of ESKA Aux filter in the NRD Aux position
Installation of the JRC 1.8 KHz filter in the Narrow position
Replacement of RF chokes on the filter board with shielded units
ESKA agc modification

These modifications have improved the shape factor on the NRD's filters from an average of 2.0:1 to 1.7:1 (60:6 dB). The ultimate rejection has improved from about -60 dB to -75 dB. These modifications are noticeable in on the air listening tests. The NRD hiss has been removed.

About two months ago, I bought another receiver, a Watkins-Johnson HF-1000. I didn't really think this receiver would be much better than the NRD, and I intended to return it if this was the case. I was wrong. The Watkins-Johnson receiver is clearly superior to the NRD in on the air listening tests, almost in every case. In rare cases it is a tie. The comparisons are done using an A/B switch that switches both the RF and audio lines so that comparisons can be made quickly on the same signal. Comparisons were all done in ECSS mode with the receiver settings made as close as possible to each other.

I also did some bench testing of both receivers, and the numbers that the tests give are not all that much different for both receivers, with the exception of filter shape factor. The HF-1000 shape factors run about 1.1:1 (60:6 dB). This does not explain the main difference between the comparisons, however. The HF-1000 seems to be superior in pulling out weak signals. I have heard many signals that are muddled and hard to understand on the NRD-525 sound sharp and clear on the HF-1000. Several other points:

AGC: The digitally processed AGC on the HF-1000 is far superior to the analog AGC on the NRD, even with the ESKA kit installed.
Notch filter: Again, the digital IF notch filter is superior.
Audio: The NRD audio has always sounded low frequency and mushy; audio on the HF-1000 is crisp and clear. This is an important item.
Operating: I like the controls on the HF-1000. They are flexible, yet easy to use. The set is a pleasure to operate.
Synthesizer spikes: The NRD has a synthesizer spike every 100 KHz. While these are not all that strong, some of them fall on inconvenient

frequencies, like the propagation beacons on 14100 KHz. There are
a few spikes on the HF-1000 at even 2 MHz points.

The only shortcomings in the HF-1000 I've noticed are the lack of synchronous
detection (this is supposed to be sent out as an upgrade chip later), and
IF passband tuning would be useful in the SSB modes. It is present in CW.

As you have probably guessed, I'm real happy with this receiver. I think
it will be the last one I will have to buy for quite a while.

Watkins-Johnson HF-1000 Review Part 2

Watkins-Johnson SAM option for HF-1000

Recently I received the firmware for installing Synchronous AM
(SAM) detection in my HF-1000 receiver. I was able to install it in
about 1/2 hour and it worked great. In testing it I compared it to the
ESKA phase lock AM board installed in my NRD-525. Here are the results
for strong and weak signals:

Parameter	ESKA+NRD	HF-1000+SAM
Weak signal lock range	+- 20 Hz	+-250 Hz
Strong sig lock range	+- 40 Hz	+-900 Hz

As an on-the-air test I tried to lock onto Radio Pyongyang, 13760 KHz at
1300 UTC. The signal was weak and fading rapidly at 1300 UTC and was being
broadcast on 13760.1 KHz. The HF-1000 was able to lock it immediately even
when set to 13760.000. NRD was not able to lock it at all, even when set to
13760.1. Impressive!

Another modification in the new firmware is a change in the AGC function.
It is now possible to set three decay rates from the front panel for each
AGC setting, Fast, Medium and Slow. In addition it is possible to allow
the manual gain setting to control the AGC threshold while in AGC mode.
This is a great help for the AGC control. I spent many hours trying to
get the AGC decay rates correct on my NRD receiver, and was never happy
with that AGC. This required pulling out the IF board, replacing some of
the SMDs, putting it all back together, and then trying it. Digital AGC
processing on the HF-1000 makes this a snap, taking only a few seconds.

After several months of using this new mode of reception, it is the one
I nearly always use for SWLing and DXing. For weak AM signals it is hard
to beat. If the signal is readable at all, it will be able to lock on it.
By using both sidebands, you end up with a better signal to noise ratio
than with only one sideband. The HF-1000 is even more impressive now
with this addition. The only times that I have had to resort to ECSS on
AM signals is when there is interference on one sideband. Watkins-Johnson
reports that they will have single sideband SAM in the future which will
get around this. There are several other options that they are working on,
one of which is a plug in board for PC processing. I assume this will have
real time spectrum analysis and memory functions built in.

****
AR3000 - 1 (More Info is Available by e-mail from (jlloyd@cs.clemson.edu)

My general impression, is that this is anyhow a very good apparate. It offers continuous coverage 0.1 : 2036 Mhz, all mode, RS232 interfacing, quite good operating commands, triple conversion, 400 memories; it is very compact (small tabletop, 1.2 Kg.), semi-portable; its 13 auto-selected front-end band filters reduce to some extent unavoidable intermodulation. In general, this set offers a self contained and very well balanced compromise of a lot of different demanding features, but will show its best when fully interfaced.

Its price, here in Italy, has been varying greatly during the years. Therefore I cannot say how it really competes with the choice of HF receiver + scanner setup. It is still unclear to me how far is the AR3000 from dedicated traffic receivers.

I'm finding a number of defects and "whish it was" that I'm going to list (I would like to hear comments about), but perhaps I'm just pretending too much from a receiver in which something had to be traded off between versatility and performance. Please note that I have a 4 years old AR3000; some defects could have been amelio-rated in the 3000A, or may eventually be specific of my unit.

Hardware limits:

-AM selectivity is mediocre (approx 10 khz bandwidth). I feel the lack of a variable Am bandwidth. SWL in crowded bands is too often spoiled by the 5Khz whistle. Thinking it was a problem of i.f. detuning, I once sent it to the service to have it retuned, but with no perceivable gain.

-In AM I do experience blocking. A strong transmitter mutes any weaker adjacent signal lying some -+30 khz apart. I suspect this may be rather a problem of AGC voltage (see below on squelch), because the feedback signal is obtained from the previous to the last i.f. stage, which may have a larger than necessary (for AM) bandwidth.

-The squelch control (essential in search mode) is not very functional. On my set almost everything passes for knob positions below .3 and only >S6 passes when I increase to .5. It may be a problem of adjustment, but also reflect the inaccurate behaviour of the S-meter, which (I have no measurements to support) seems not properly logarithmic. I have the impression that weak signals give a high S readout when close to stronger ones, because the S-meter averages on a larger bandwidth than the demodulator.
Also, the squelch just mutes the a.f. output, but not the line out signal.

-The internal speaker fidelity is scarce. No tone controls exist. Clarity improves a lot when connected to an external speaker or lineout. No noise reduction circuitry is present. External audio equalization does a lot, but of course is not the cure for low selectivity.

-There is no i.f. direct output for say a spectrum analyzer or a different demodulator (say wide band AM for satellite or TV, stereo FM decoder, sinchro SB AM decoder). A modify could be to buffer it to a backpanel jack.

-Intermodulation IS present. I live very close to power MW transmitter, and in the times they're on the whole band .5 : 2.5 Mhz is unusable, with crosstalk on every possible combination of transmitter frequencies. At evening I sometimes hear sw bc stations crosstalks on 20 : 30 Mhz, even with a short random wire antenna. However, I don't hear crosstalk due to FM transmitters, which are also close to my place. The 13 front end filters seem to do their job, since strong signals don't cause crosstalk out of their respective preselector bands.

-I'm not very satisfied with the small and clicking rotary tuning control. In the AR3000a it has been replaced with a (I guess optically encoded) smooth one. I would rather appreciate a jog-shuttle like the one on VCRs, and the mod itself seems quite easy too.
The tuning is however digital, and stepping frequency causes clicks, which eventually trigger the squelch threshold during search. The final a.f. is briefly muted while stepping, but I prefer the line-out signal which is unaffected and thus has a faster response.

-There is a single antenna input for the entire range. I think this however is correct, because whichever choice on different antennas is entirely dependent on the user setup, and should be rather left to an externally programmed antenna switch.

-Some digital RFI is generated, expecially in the high HF and low VHF. A real antenna connected with a shielded cable and a good earth however wash it out.

-Some small change in sensivity and background noise can be perceived when passing across one of the 13 band boundaries (by the way, they are 0.1-0.5, 0.5-2.5, 2.5-10, 10-30, 30-50, 50-108, 108-136, 136-174, 174-224, 224-335, 335-500, 500-940, 940-2036 Mhz), but this is unavoidable, and also due to the change of the superetherodyne scheme.

Software limitations:

-Scanning is already very versatile for such a small machine. However, auto memory storage of catched frequencies was forgotten. Also, the oddities in the S-metering (see above) impose manual choice when scanning non regularly channellized bands.

-There is a priority channel lookup feature, but the attention threshold has to be the current squelch position. Apparently (see
//ftp.funet.fi/pub/dx/receivers/mods/aor300.mod) in
the 3000a a programmable lookup time was implemented, but it is not present on the 3000.

-The mode and the tuning step change are set with several keystrokes. I feel it quite tricky, expecially considering that I generally have to switch quickly between 50 Hz/SSB, 500Hz/Am, 1.25 Khz/nfm, 50 Khz/WFM. The step x10 command is

very useful, but not enough.

Since the S-meter signal is output on the RS232, and the unit may be fully remotely commanded, all this limits can be cleverly threspassed by an external control software, thought.

I have experienced problems with the 232 interface. The cpu goes crazy very easily when the connector is plugged in/out, unless the "remote" switch on pin 7 is previously operated. This is (I understand) the reason why it was added on the 3000a. When the cpu goes on the moon, one generally has to open the set and to push the reset button (backside of the keyboard), losing all the memories .
Also, I cannot interface the scanner with an Atari St, either because the TTL level Txdata is to low for that serial port or because the continuous output of the S-meter simply is too fast for the Atari bios.
Passing by, note that the RS232 speed can be set to 9600 baud with a switch on the cpu board.
:
--
John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

--
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3051. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-09-30 12:04:34 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep30.070434.2975@hnrc.tufts.edu>
Source record: 267926

In article <36fiq3$6ma@delphinium.cig.mot.com>, sbonnema@rtsg.mot.com (Stuart D. Bonnema) writes:
> Have the modification procedures changed at all for the Pro43?

Yes. the modification procedure for the new 43 (with an A in the serial number) is as follows:

1. Sell new 43 (with an A in the serial number).
2. Buy old 43 (without an A in the serial number).
3. Follow mod for old 43 (as can be found in /pub/hamradio/mods/tandy at oak.oakland.edu, aka SimTel)
4. You now have extended RX on your new 43.

3052. Re: Oct MT

Newsgroup: rec.radio.scanner
Date: 1994-09-30 12:08:18 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Sep30.070818.2976@hnrc.tufts.edu>
Source record: 267927

In article <brett_miller.484.00133746@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

[Re: review of PRO-2035]
>
> It seems as though Bob's review was done without the scanner since they were
> not released until after he did his review. His review included errors in the
> that did not agree with actual operation. It seems it was done based on the
> manual specs which included some errors.

Oh . . . fecal material!

His got a good magazine. He may be biased because he's a dealer, but so what?
We can factor that into the reviews. Why the . . . stuff?

Yo, Bob. Are you listening? We *like* you. Don't do that!

Thanks for info.

3053. Re: Yaesu FT-530

Newsgroup: rec.radio.scanner
Date: 1994-09-30 12:39:41 UTC
From: leber@panther.warm.inmet.com
Message-ID: <Cwy0I6.3FL@inmet.camb.inmet.com>
Source record: 267929

In article <1994Sep29.124642.2970@hnrc.tufts.edu>,
Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
>In article <CwwC6n.HEr@csn.org>, jwdxt@csn.org (Jim Deeming) writes:
>>
>> Did you notice you can also go to VFO mode on the UHF band and enter 800
>> MHZ? It will scan from there to 950 MHZ - not bad!
>>
>In steps of 12.5 MHz

That should be kHz.

--
Tom Leber N3QKV <leber@warm.inmet.com> Intermetrics, Inc., Warminster PA USA
"Smother technology and it rebels." - Max Headroom

3054. Pro-33 Mods, are there any?

Newsgroup: rec.radio.scanner
Date: 1994-09-30 12:45:44 UTC
From: ccdave@amber.indstate.edu
Message-ID: <ccdave.100.2E8C0878@amber.indstate.edu>
Source record: 267896

I have a RS Pro-33. I have not seen any mods for this unit on any of the ftp sites etc. Am I the only owner of a pro-33 or is it not modifiable...?

David L. Pifer, N9YNF VOX: (812) 237-2923
Systems Programmer, Graphics Specialist FAX: (812) 237-4361
Computing Services & Facilities OFFICE: Rankin Hall R044
Indiana State University PMAIL: AMBER/CCDAVE
Terre Haute, IN 47809 Bitnet/INET: ccdave@amber.indstate.edu

3055. Re: Scanning in Europe

Newsgroup: rec.radio.scanner
Date: 1994-09-30 13:00:16 UTC
From: phn@dde.dk
Message-ID: <1994Sep30.130016.26810@dde.dk>
Source record: 267939

saidji@eig.unige.ch writes:

>I want to buy a second hand scanner!
>I'll use it in Europe!
>BUt some1 told me that if I buy a US scanner it wont work in Europe
>cause the frequency spacing arent the same.
>Is it true ??
>if yes, does a mod exist to adapt the scanner?

>thanx for support saidji@eig.unige.ch

The most important issue is what bands the scanner covers.
Scanners that do not have continous coverage usually have 30-54 Mhz
coverage in the US version and 66-88 Mhz in the European version.
Although some of the scanners can be modified for European coverage
or vice versa by just clipping a diode, the RF front end usually
is not optimized for the different band. The 66-80 Mhz range
is heavily used in Europe. In Denmark you find police and fire
in this range.

Channel spacing usually is not a problem. If the scanner steps
30 khz in the cellular bands it might be a problem as most
European countries use 25 or 12.5 khz spacing. If you can
select another step size on the scanner you will have no problems.

--
Per H. Nielsen Telephone: Int +45 42 84 50 11
Basic Applications Fax: Int +45 42 84 52 20
Dansk Data Elektronik A/S, Herlev, Denmark E-mail: phn@dde.dk

3056. Mobile scanners & antenna...

Newsgroup: rec.radio.scanner
Date: 1994-09-30 13:14:34 UTC
From: woody@netmaster2.hq.af.mil
Message-ID: <36h2vq$4fr@hq.hq.af.mil>
Source record: 267930

Thanks to chall@cybernetics.net for the response..
I would have mailed him a response, but for some
reason I can't get to cybernetics.net (dns doesn't
know where it is...)

woody

--
/--\
When in charge, ponder;	Help! I'm being held
When in trouble, delegate;	captive in the
When in doubt, mumble.	basement of the
--James H. Boren	Pentagon!

| Mark Woods: woody@nic.hq.af.mil |
\--/

3057. Re: RadioMap service expands into OH, PA, MO (and IL, IN, MI, NY, WI)

Newsgroup: rec.radio.scanner
Date: 1994-09-30 13:44:23 UTC
From: Kenneth.E.Harker@Dartmouth.Edu
Message-ID: <36h4nn$le4@dartvax.dartmouth.edu>
Source record: 267931
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc,sci.electronics.repair

This is a blatant commercial advertisement and has no place on the
USENET. Please do not support the encroachment of commercialism and
junk mail on the newsgroups.

==
Kenneth E. Harker '95 Internet: kenneth.e.harker@dartmouth.edu
N1PVB Amateur Packet Radio: n1pvb@w1et.nh.usa.na
(603) 643-5716 http://mmm.dartmouth.edu/pages/iago/iago.home.html
==

3058. Re: Inversion Encryption

Newsgroup: rec.radio.scanner
Date: 1994-09-30 13:50:14 UTC
From: Unknown
Message-ID: <36h52m$k63@everest.pinn.net>
Source record: 268003

In article <36edh6$ave@eugene.convex.com>, horak@convex.com (David Horak) says:

>Jerry, Michael was asking how to use the descrambler. The descrambler
>simply plugs into your audio output jack. I think you got the question
>confused with how to *receive* or *descramble* a frequency inversion
>signal. If you don't have the descrambler, then your method is worth a
>try (although I haven't had much luck with it yet). I've heard of
>people doing this but I can't get an intelligible signal with my DX-440
>or my Yupi on the inversion scheme the cab company uses. The
>descrambler works fine. Could it be that there is more than one freq
>inversion scheme and only one type is detectable in the manner you
>describe?
>
>David

Which descrambler do you use and where did you get it? I'm looking at getting one
but I want one that has been proven to work.

Joe

3059. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-09-30 14:06:20 UTC
From: mulligan@ACM.ORG
Message-ID: <36h60s$6o6@hopper.acm.org>
Source record: 268004

sbonnema@rtsg.mot.com (Stuart D. Bonnema) wrote:
> .... I found out that only two diodes where placed -- D1 and D2.

You have the revised version of the PRO-43, identified by an "A" suffix on
the FCC ID nbr (i.e. AAO20-300A). There is no cellular mod for that version.
You can add a diode at D3 to access 68-88 MHz.
/* barry /&

3060. Re: PRO-2006 - ATT Switch

Newsgroup: rec.radio.scanner
Date: 1994-09-30 14:08:07 UTC
From: mulligan@ACM.ORG
Message-ID: <36h647$6o9@hopper.acm.org>
Source record: 268005

The "ATT" switch adds 10db of attenuation to the incoming signal. It's
useful when one or more high-power signals interfere with adjacent frequencies,
reducing the receiver's sensitivity ("de-sense"). See the note in the manual
under Cross Modulation.
As it attenuates all signals, leave it in the 0db position unless you
have a problem.
/* barry /&

3061. Scanner output through car speakers.

Newsgroup: rec.radio.scanner
Date: 1994-09-30 14:11:47 UTC
From: mtiernan@world.std.com
Message-ID: <Cwy4ro.2BD@world.std.com>
Source record: 267936
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I'm sorry to have to start this thread over again, my local site
seems to have expired this stuff REALLY fast.

I haven't been following close enough to notice if anyone's
found any answers but here's one for ya all.

This company called "Mr. Bracket" from Farmington Hills, MI
supplies my newest toy. It's called "POWER-n-PLAY". It has
selectable outputs of 4.5/6/9V from the cigarette lighter and it
has a stereo jack that you put into a stereo->mono adapter then
into your little scanner and "VIOLA!" scanner through the car
speakers in stereo! (Of course you tune both to the same freq)

The item I've got here is part #9002, barcode SKU of 0-82484-09002-9.
It comes with adapters and all too. Worked REALLY good. They
also have a "Silent Play" type of adapter too. No power, just
adapter. At Walmart in New Hampshire, the Power-N-Play that I
got was... $24.95

Have fun all!

P.S. On my drive to work this AM, the fuse was blown. News as
it develops.
--
<< MCT >> Michael C Tiernan.
(* Watch this space for a new and improved sig.*)

--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

3062. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-30 14:40:19 UTC
From: av378@FreeNet.Carleton.CA
Message-ID: <Cwy637.20w@freenet.carleton.ca>
Source record: 267934

In a previous article, rdervan@mindspring.com (Richard B Dervan) says:

>In article <CwFw0u.A4D@freenet.carleton.ca> av378@FreeNet.Carleton.CA (Laurence Kearley)
writes:
>
>>An easier way to listen in on the action both in the airport and on the
>>plane is to use an Optronics AM Interceptor.
>
>Errr... Air Freqs are FM, just above the normal FM radio stations.
>108-117 are nav aids and 118-136 are voice.
>
>-Richard
>

Richard, you might want to check again. Those frequencies may be just
above the commercial FM broadcast frequencies, but they are, for the
purposes of commercial and private aviation, transmitted in the AM mode. The
location in the frequency spectrum does not determine the mode. To check
it out, just punch in an active frequency from you airport and put the
mode in as NFM or WFM and see what you hear.

3063. Detecting scanners

Newsgroup: rec.radio.scanner
Date: 1994-09-30 14:50:16 UTC
From: zenith89@bnr.ca
Message-ID: <zenith89-300994105017@47.80.2.73>
Source record: 267937

I have had a discussion via email re: detecting scanners and as
a result did a few tests last night. If anyone is interested...

I first tried detecting a PRO-41 (el cheapo 10 channel scanner)
via a PRO-2006. I selected one of the channels being scanned by
the 41, our local Police channel 2 at "X" MHz (I can't remember
the frequency & it doesn't matter) and subtracted 10.7 MHz, yielding
frequency "Y". I setup the 2006 to do a search in the area of "Y"
MHz. Sure enough, when I turned the PRO-41 on, the 2006 stopped
exactly on frequency "Y". It sounded like "chuff-chuff-chuff-chuff"
and this would stop when I turned the PRO-41 off or manually selected
another channel.

This was indoors, so I was limited as to how far I could move from
the 2006, but I was able to move 30 feet away and the 2006 still
stopped on "Y". This is with the 2006's whip antenna fully up, the
squelch setting on about 2 and the modulation mode set to "NFM".

The next test was in the cordless phone band, ie. 46 MHz. With the
PRO-41 scanning over 46.870 MHz and the 2006 tuned to 36.17 Mhz the
distinctive chuffing noise could be heard thru the 2006's speaker.
When I turned the PRO-41 off though, there was still a chuffing
noise although weaker and not as fast. Why? I assume this means there
is another scanner scanning through 46.870 MHz nearby.

Next:

- more testing on the range over which the PRO-41 is detectable
- we'll try to track down the SCANNER SCUM monitoring the cordless
phone frequencies nearby. We have a HAM living behind us, I'll
bet that's who it is.

BTW, I have a PRO-2006 and a PRO-43 as well and I have read in
here before that GRE scanners have unique IF's... does anyone know
what they are?

--
Chris Van Fleet, Bell Northern Research.
Phone (613) 763-7541, fax (613) 763-7383.
Internet: zenith89@bnr.ca or ba794@freenet.carleton.ca

3064. Re: Police Terminology

Newsgroup: rec.radio.scanner
Date: 1994-09-30 14:54:13 UTC
From: gesman@io.org
Message-ID: <36h8ql$1fc@ionews.io.org>
Source record: 268024

In article <5G6XI6x.shojo@delphi.com>,
Robert Schmeltzer <shojo@delphi.com> wrote:
>Gleb Esman <gesman@io.org> writes:
>
>>Does anyone knows what is "PDS unit" ?
>>I'm in Toronto.
>
>Do remember the context in which it was used? It could be something official
>like "Police Dog Search" unit. But police also use official sounding talk
>for their little jokes like NHI is No Humans Involved, meaning the people
>involved weren't the kind of people most people would hang around. If
>that's the case, it PDS unit could be the drunk wagon or "Publicly Drunk &
>Stupid". I'm just guessing though. I used to be a dispatcher and even then
>it's hard to keep up with all thelingo floating around. Do you remember the
>context?

As far as I remember these units aren't call on regular car accidents or
simple stuff. I think the phrases:
"Do you need any PDS units over there"? or
"I will be sending a PDS units to this location..."
were used when something really happens. Police Dog Search(?) is quite
possible, I think. I'll try to catch some more cases!

--
Gleb Esman.

3065. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-09-30 16:14:36 UTC
From: steven@sgb.oau.org
Message-ID: <CwyAGD.Fny@sgb.oau.org>
Source record: 267942

F. Barry Mulligan (mulligan@ACM.ORG) wrote:

: sbonnema@rtsg.mot.com (Stuart D. Bonnema) wrote:
: > .... I found out that only two diodes where placed -- D1 and D2.

: You have the revised version of the PRO-43, identified by an "A" suffix on
: the FCC ID nbr (i.e. AAO20-300A). There is no cellular mod for that version.
: You can add a diode at D3 to access 68-88 MHz.

Try adding a diode at position D4 -- you seemed to imply there was
a D4 location. They may have inverted the logic and made its absense
means no cell instead of presence. So far, no one has come forward
and said they have tried this -- so if you do, please report your
findings here (if it works or doesn't and what it does do, if you
can determine any change). You could use a 1N914 or 1N4148 signal
diode, Rat Shack used to carry them in packets of 20 for $2, they
probably still do.

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

3066. Wanted St. Louis MO Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-09-30 16:34:23 UTC
From: Jim_Klein@MTS.cc.Wayne.edu
Message-ID: <1166008@MTS.cc.Wayne.edu>
Source record: 267940

I will be spending several days at the St. Louis Holiday Inn
Downtown Convention Center in a few weeks. If you have some
good frequencies you can share with me, I would appreciate it.
Thank you in advance.

Jim email --> usergczz@mts.cc.wayne.edu

3067. WANTED: DTFM Decoder

Newsgroup: rec.radio.scanner
Date: 1994-09-30 17:00:08 UTC
From: worlord@aceinfo.com
Message-ID: <13839XVWGMDLVMFQVMP@aceinfo.com>
Source record: 267893

Hello,
I'am looking for a DTFM Decoder circuit/box for my Pro-2006.
Does anybody know where I could get one?

Later
Eric

3068. Pro-43-400 channels (long!)

Newsgroup: rec.radio.scanner
Date: 1994-09-30 17:24:17 UTC
From: bbb@kuhub.cc.ukans.edu
Message-ID: <1994Sep30.122417.73757@kuhub.cc.ukans.edu>
Source record: 268011

This is a repost of an article I posted in
April. It was also published in WSR.
Following this post is a UUENCODED GIF.
(If you don't know what a UUENCODED GIF is
then please check out one of the BINARY groups.)

BB 9/30/94

PRO-43 ENHANCEMENT
MEMORY EXPANSION & "FADE-AWAY" LIGHT
Brett Bennett 4/12/94
bbb@kuhub.cc.ukans.edu
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INTRODUCTION

The following document details two enhancement
modifications that are possible on the Radio Shack PRO-43 scanning
radio. The first modification doubles the factory standard memory
capacity, allowing you to enjoy an additional 200 channels of memory,
plus 10 more monitor memories. After completing the first
modification, it is a fairly simple matter to add a 7 to 10 second delay
feature to the LCD back-light lamp circuit. I designed and performed
these modifications on my PRO-43 and they do work. As I understand
it, there (has been/is being) presented in WORLD SCANNER
REPORT a similar memory expansion. I have not seen this
modification and for all I know it is a better way of doing it. What is
presented is a 'clean-room' design of my own that to the best of my
knowledge is the only one to also offer a time-delay for the LCD back-
light. Having said that, let me say:

I ASSUME NO RESPONSIBILITY FOR ANYTHING THAT
MIGHT HAPPEN TO YOUR RADIO SHOULD YOU OR
ANYONE ELSE ATTEMPT THESE MODIFICATIONS.
WHILE REASONABLE CARE HAS GONE INTO THE
PREPARATION OF THE FOLLOWING DOCUMENT, I CAN
NOT GUARANTEE THAT THERE ARE NOT ERRORS.

The procedure described below is very complicated, and
involves the soldering and desoldering of very tiny components and
the cutting of printed circuit board traces. While the procedure is not
irreversible, it will leave permanent scars inside your scanner. It
should only be attempted by someone with moderate to advanced
electronics experience. I don't think it should be attempted by, to
quote someone else, a "weekend technician." If as you read through
this you feel intimidated by the jargon and required procedures or if an

electronic schematic looks like a strange piece of modern art to you, then this might not be the 'mod' you are looking for. The following document will assume you have obtained the materials listed below, especially the Service Manual, and you have studied the circuit in some detail. I will not describe in great detail where every component is or where every solder point on the logic board should be placed. Having the Service Manual, and having studied the drawings therein will allow you determine to where it is I refer.

REQUIREMENTS

1 - PRO-43 Service Manual. (Tandy Parts # MS-2000300 - approx. $6.00)
1 - CD4053 - Triple - SPDT analog switch - Surface mount package (DigiKey #CD4053BCM-ND - approx. $1.50)
2 - 93C67 EEPROMs (Tandy Parts # MX-8050 - approx. $13.00/each)
1 - 100k x 5 resistor network. Common lead type. (DigiKey # Q5104)
1 - UN2111 PNP transistor (Q1 on Logic PCB. Tandy Parts #)
1 - 1 uF 16v capacitor.
1 - 10 MOhm 1/8-1/16W resistor.
Misc.:
Wire wrap wire-30 gauge. (Radio Shack)
Grounded soldering iron with approx. 1/32" tip or smaller.
Desoldering Equipment.
Digital Volt Meter. (Used to double check your VCC and Ground connections, pre-check switching assembly)
Utility knife with fresh sharp small blade. (Needed to cut traces.)
Strong hand held magnifying lens. (Needed to check solder joints.)
+5-10 Volt bench power supply. (Used to check switching assembly.)
Anti-Static work place and grounding wrist band.
Very fine needle nose pliers, wire cutters.

THEORY

When studying the schematic for the PRO-43 one sees that the channel memory is organized using two 93C67 EEPROMS. As is common in microcomputer designs, the memory is all connected together on a common bus, with the individual memory devices being selected with a Chip-Select (CS) control line. The 93C67 are particularly simple, in that they are serial devices, only requiring 4 signal lines. (Data In, Data Out, Data Clock and CS) This inspired me to consider the possibility of adding two more EEPROMs, creating in effect a second 'bank' of 200 channels. One could then, presumably with the flip of a switch, choose between the original 200 channels, and a second bank of 200 channels. (In theory, this could continue to 600, 800, 1000 etc. channels. In practice however, space is very tight in the PRO-43, and getting anymore memory installed would be very tricky.)
Switching two CS lines between two pairs of EEPROMs requires the equivalent of a DPDT switch. While it might be possible

to do this with a mechanical switch, the physical implementation of this could prove to be very difficult. Rather than use a DPDT switch, I chose to use a CD4053 triple 2 channel analog multiplexer/demultiplexer. This CMOS analog 'mux/demux' can be viewed as a triple SPDT switch. Two sections of the CD4053 are wired in such a way as to act as a DPDT switch. The advantage being that a DPDT switch can be controlled with a SPST switch, and no actively switching digital signal lines need leave the area of the CPU. At this point one is still faced with the need of a mechanical switch to control the CD4053, albeit, only a SPST switch is needed. It was suggested to me by someone on the Internet, that the 'Keylock' switch might be a good candidate. And indeed it is! While it might be nice, once in a while, to be able to disable the keyboard, it is more than a fair trade to give this up for more memory. Thus I used the Keylock switch to control the DPDT switch made from the CD4053.
Good design dictates that the state of all signal/control lines are always in a known state. The 93C67's CS lines are active high leading to the need for pull-down resistors on all 4 CS lines. This insures that the 93C67's not currently being used will have their CS lines pulled to ground. I accomplished this with 100K ohm resistors connected between the CS line and ground. Physically I implemented this using a resistor array (SIP package) containing 5-100K resistors all having one common lead. The 5th. resistor is used to pull-down the CD4053 control lines making up the DPDT switch. This is necessary when the Keylock switch is in the open position (unlocked) since the line must be driven low.
This leaves a SPDT switch in the CD4053 not being used.
Studying how the lamp circuit works shows that the keyboard light switch grounds the base of Q1 to turn on the lamp. Using the CD4053 to act as the switch to ground, and placing a large RC time constant circuit on the control line of the CD4053 will allow for a time delayed lamp modification. Because the input impedance of the CD4053 is extremely high, a small valued capacitor and large value resistor will work. In my design I used as 1 uF tantalum capacitor and a 10 MOhm resistor to form the RC time delay. The Pro-43's keyboard light switch is connected across the capacitor to discharge it when depressed. This causes the CD4053 to switch on, grounding the base of Q1. After the switch is released, the capacitor begins to charge through the 10 MOhm resistor. When this voltage reaches approximately 1/2 VCC the CD4053 switches off, and the lamp goes out. (One caveat: When the radio is first turned on, the capacitor is discharged and therefore a lamp timing cycle will begin with each power up.)

PROCEDURE

REMEMBER TO ALWAYS WORK AT A STATIC FREE WORK-STATION, INCLUDING THE USE OF GROUNDED SOLDERING EQUIPMENT AND THE WEARING OF STATIC REMOVAL BRACELETS.

The first step is to build the switching assembly. To build this first tin the leads of the surface mount CD4053 and the resistor array. Following the connections shown in the schematic (figure 1), attach short (3/8" to 1/2") pieces of wire wrap wire between the 5 resistor leads of RA1-NEW and pins 1,2,3,5, and 9-10 on the CD4053. (You should always: Size, cut, strip, tin and trim the wire before soldering it to the CD4053. Doing this makes it fairly easy to get good solder connections.) Connect the common lead of the resistor array to pins 6,7,8 and 12 of the CD4053. If done correctly you will have the resistor array laying flat on its side with its leads facing the CD4053 as shown in figure 2. This makes the assembly very thin. Inspect the solder joints with a magnifying glass, and give them a gentle 'tug' to make sure they are securely soldered. The PCB board drawing on page 19 of the service manual is an actual size drawing. Check to see that your assembly will fit into the area just above IC1 and to right of IC2.

Soldering to the pins of RA1-NEW, connect 4 - 2.5" lengths of wire to the resistor leads going to pins 1,2,3&5 of CD4053 (This makes up the 4 switched lines going to the CS pins.) Connect a 5" length of wire to the resistor pin connected to pins 9&10 of the CD4053.(This will go to the Keylock switch.) Attach a 2" piece of wire to the resistor lead attached to pins 6,7,8 & 12 of the CD4053. (This will be the ground connection.) Attach 3 - 4.5" long wires to pins 4,15,&16 of the CD4053. These will be the two poles of the switch and the VCC connection respectively. Finally attach 2 - 5" wires to pins 11 & 14 of the CD4053 if you intend to also add the lamp timer modification. At this point you should have a strange looking device with 11 wires sticking out of it. DOUBLE CHECK YOUR WORK AND SOLDER JOINTS AT THIS POINT.

The next step is to check the operation of the switching assembly. Using a 5-10 volt power supply, apply power to the assembly. Using a DVM, check to see that there is continuity between pins 4&5 and pins 15&2 while the control line (the wire attached to pins 9&10) is not connected to anything. And also check to see there is NO continuity between pins 4&3 and 15&1. If that checks, attach the control line to VCC. There should then be continuity between pins 4&3, and 15&1 and no continuity between 4&5 and 15&2. Next check for continuity between pin 14 and ground when pin 11 is grounded. The resistance between 14 and ground should become infinite when pin 11 is then connected to VCC. After check-out put the assembly aside in a static proof container.

Using extreme care bend all the leads, EXCEPT FOR PIN 3, of one of the 93C67 so that they are pointing as straight DOWN as possible . Bend pin 3 so it is sticking straight out from the body of the chip. These leads are very fragile and I suspect they will only accept a single bending before breaking,. After the leads are bent, carefully tin all leads. Put the EEPROM back in its carrier, and repeat on the second EEPROM. The next step is to prepare the scanner for the switch assembly. From here on out, "The cheese becomes more binding," so work carefully and think about everything twice before doing it!

Remove the battery compartment lid and battery. Remove the
4 case screws and the back of the case. Disconnect the two wire
connectors on the RF board. Desolder the antenna feed line and its
ground connection. Remove the 6 screws holding down the RF board
and remove it from the audio board. Disconnect the speaker wire from
the audio board, and remove the 2 screws holding it to the front of the
case. Separate this from the front of the case. Desolder and remove
the RF-shield from the logic board. Wash your hands to remove as
much skin oil as possible! Remove the screws holding the logic PCB.
Turn the unit over, and with your hand supporting the PCB lower it
from the case front. The reason for this is that the LCD assembly will
stay with the board. If during this process the LCD and its backing
glass do separate, handle them as little as possible. Also note the
back-glass has a white frosted side. The frosted side, the light diffuser,
is placed away from the LCD panel. Remove the rubber keypad, and
locate the two traces running to the Keylock switch. Using a sharp
utility knife, cut both of these traces near the switch, examine the cuts
with a magnifying lens to make sure the switch is severed from the
rest of the board. Avoid touching the keypad contact area as much as
possible. Checking to make sure dust has not entered the LCD view
area, put the logic PCB back in the front of the case and secure it with
its screws.
Locate IC2 and IC3 EEPROMs on the logic board. Add to
each of the pins on both chips a small amount of solder. This will be
necessary to attach the new EEPROMs. Of course you must make sure
that you form no solder bridges. At this stage I suggest you re-install
the audio board and RF board. (There is no need to solder the RF
shield back on, nor should you resolder the antenna connections.) By
holding the battery in place and slipping the battery lid into proper
position, it is possible to power up the radio without bothering with the
case back. Check to see that all keys are functioning correctly except
for the Keylock switch, and that the display looks normal. You are
now ready to begin the 'fitting' of your switch assembly into the radio.
Locate the area just above IC1 and to the right (as being
viewed from the backside of the radio) of IC2&3. There is a relatively
open space here where the CD4053 and resistor array can lay. Cut a
piece of thin card board stock to be slightly larger than the area taken
up by the switch assembly. This will serve as an insulator between the
logic PCB and the assembly. Keeping the assembly in its final
position, start sizing the lengths of the wires. The wires connected to
pins 1&2 of the CD4053 must reach IC3 pin 3, and the wires on pins
3&5 of the CD4053 must reach IC2 pin 3. Remember when cutting
these down to leave enough extra wire for stripping, tinning and final
trimming. The wire connected to pin 15 of the CD4053 must be long
enough to reach the TRACE on the PCB going to IC3 pin 3. Likewise
the wire on pin 4 of the CD4053 must reach the trace running to IC2
pin 3. The switch control wire (pins 9&10 of the CD4053) must reach
down to outside most solder pad on the Keylock switch. VCC, pin 16
of the CD4053, is sized to reach the 82 ohm resistor R26 located next
to Q1. The ground connection can be made on the large copper area

under the switch assembly after scraping a small area of solder-mask off. After the wire lengths have been determined, strip and tin the ends of all the wires and set the assembly aside.
Using a sharp knife, cut the trace running from IC1 to pin 3 of IC2. Repeat this for the trace running from IC1 to pin 3 of IC3. On either side of the cuts, scrape off a 1/8" area of solder mask and tin the exposed copper. Be careful not to damage any of the surrounding traces or components. Place the switching assembly in its proper location and solder the ground wire to the solder-mask free area you made near IC1. Attach VCC (pin 16 of the CD4053) to the top of R26. Attach the pin 5 wire to the cut trace that runs to IC2-pin 3, and attach the pin 2 wire to the cut trace running to IC3-pin 3. Next attach the wire on pin 4 of the CD4053 to the trace running to pin 18 (previously running to IC2-pin 3) of IC1. Likewise connect the wire on pin 15 to the trace connected to pin 19 (previously running to IC3-pin 3) of IC1. If done correctly you now have 4 wires running to the four 'new' connection points made by cutting the two CS line traces. Connect the wire tied to pins 9&10 of the CD4053 to the outside (left side) conductor of the Keylock switch. Attach a new piece of wire to the center conductor of the Keylock switch. Size and connect the other end of this wire to center lead of IC5. (IC5 is low battery detector for the CPU. The center lead of this is connected to 5 volts which is sufficient to switch the CD4053. Later we will need to attach another connection to R26, and squeezing 3 wires to this single point would be tight so I used the 5 volt bus for switching.)
Place the insulator under the assembly and tape a corner in place so it will not move. Cut another cardboard insulator big enough to cover the switching assembly, and place this on top of the logic PCB. Bending the currently disconnected wires (pins 1,3,11,&14) in such a way that they don't short to anything (or each other) , install the audio board back in to the radio. Install the RF board and prepare to power up the radio. Making sure the Keylock switch is in the UNLOCKED position, turn the radio on. It should begin to scan normally. (Believe me you will breathe a big sigh of relief when it does!) Turn the radio off, move the Keylock switch to LOCKED position and turn the radio back on. You should see it either scanning frequency 000.0000 or the frequency field will be blank, with the channel counter incrementing. After a few seconds, the frequency number always blanked out and the am/fm indicators blinked randomly on my radio. If you are unable to make the radio scan correctly, there is something wrong with the switch assembly or your connections.
The next step is to install the new memory. The leads on the new memory are not long enough to reach the leads of the factory memory. Trying to solder bridge the gap is difficult accomplish without also bridging adjacent pins. The best way I found to do this is to use tinned wire wrap wire. So the first step here is to tin about 6" of stripped wire wrap wire. Remove one of the new 93C67s from its carrier and place it on top of IC2, making sure that the extended pin 3 is over pin 3 of IC2. Put a droplet of solder on the tip of your

soldering iron. While holding down the memory with a finger, apply the soldering iron to one of the corner pins of both ICs. The droplet should 'jump' over the gap between the pins and solder them together. Check both sides of the EEPROM to insure that all pins are accurately aligned. For the remaining straightened pins, proceed as follows: While holding the tinned wire wrap wire against the lower and upper pins, apply a freshly cleaned soldering iron tip to the gap area of the joint. The extra solder you earlier placed on the factory EEPROM will then be available to flow along the wire and solder to the pin of the new EEPROM. CHECK the joint with a magnifying lens. After a visual conformation of the joint, clip the wire close to the pin of the newly installed memory. If you like go back to the first pair you soldered and lay the wire into the molten solder. Repeat for IC3. Attach the wire connected to pin 3 of the CD4053 to pin 3 of IC2-NEW, and connect the pin 1 wire to pin 3 of IC3-NEW. Install the cover insulator over the switch assembly and prepare for a power up. With the Keylock switch in the Unlocked position power up the receiver. After insuring that the factory memory is still working correctly, power down, switch to the Locked position and power up again while holding down the 0 key and the Clear key. You should now see the radio scanning frequency 000.0000 for all 10 banks repeatedly. Press the PGM key to stop scanning and enter a valid frequency value and press enter. Press PGM, then the DOWN-ARROW, then PGM again. The frequency you just programmed should now be on the display. (At this point feel free to cheer! YOU have just added 200 more channels to your PRO-43. The next step will be the icing on the cake!)

This next step requires you to lift the BASE of Q1 from the logic PCB. (I found this to be very difficult, in fact, I ended up destroying Q1. Thus the extra Q1 in the parts list.) Desolder and lift the Base lead of Q1 from the logic PCB. Solder together one lead of R2, the positive terminal of C1 and the wire from pin 11 of the CD4053. Also from this junction, connect a wire to the solder pad on the logic PCB where Q1's base was connected. The area to the right of the Keylock switch provides a space where these components can lay. Connect the base of Q1 to the wire connected to pin 14 of the CD4053 switch assembly. The other end of R2 is connected by wire to the top of R26, this provides the charging voltage for C1. The negative lead of C1 can be connected to the RF shield ground pad near the Keylock switch. (Check that the RF shield will fit in place over C1. If it will not, place C1 so that its body is just below the bottom of the shield. Insulate the R2-C1 combination with electrical tape. Tape the switch assembly's top insulator cardboard in place and install and solder the RF-shield back onto the logic PCB. Prepare the radio for bench power up.

Turn the radio on, the lamp should come on. After 7 to 10 seconds the lamp should go out. Check in a darkened room to insure that the lamp completely extinguishes. Depress the light switch on the keyboard. The lamp should immediately light, and stay lit for 7 to 10 seconds after it is released. Install all the remaining screws for the RF

board, solder the antenna lead and ground connections, and replace the case back.

USAGE

The light feature is self explanatory, and quickly finds itself useful in darken conditions. As noted earlier an unfortunate side-effect of the lamp circuit design is that the lamp will illuminate for 7 to 10 seconds every time the scanner is first turned on. (Maybe this is a feature to some.) Switching between active banks requires a little more thought. The safest way of changing banks is to: Turn the scanner off, switch banks, and then turn the scanner back on. But sooner or later you will switch banks while the scanner is on. When this happens you will see a curious event. The radio's CPU will continue to scan from the previously selected banks, but the frequencies scanned will now be those from the on-line EEPROM. This makes sense, since the CPU has no knowledge that its memory resources have been changed. Pressing the Manual button, followed by the Scan button, will cause the CPU to reload the scan banks that were last saved in the currently selected EEPROMs. Also any monitor frequencies that were stored are recalled. This allows you to set up two different frequency configurations, one in each bank of EEPROM. To change between them on the fly, just flip the Keylock switch, press the manual button, followed by the scan button. The only time I can foresee there being a problem is if some how one were to flip the switch while the CPU was doing a write to EEPROMs. Keeping this in mind you should never have any problems.

There are a couple of 'gotch-ya' that can happen when switching memory banks without cycling power. The PRO-43 loads the list of all locked-out channels only when it is first powered up. (This makes sense if you think about it. While I don't know for a fact, I assume that the Lock-out information for each channel is stored together with that channel's frequency in the EEPROM. If the CPU didn't pre-load the list of locked out channels, it would have to constantly re-read each channel to determine its lock-out status.) The side-effect of this is that it can cause the radio to appear to be randomly locking and unlocking channels when switching memory on the fly. The only realistic solutions appear to be to either cycle power when you switch memory banks, or use Lock-outs very sparingly. The Priority channel assignment is also loaded only when power is first applied. This can make the radio start checking the wrong frequency when memory is switched and the priority feature is used. The best way around this problem seems to be to assign the same channel number to be the priority channel in each memory bank.

CONCLUSION

Performing the described modification will provide the owner of an already excellent hand-held scanner, the convenience of a total of 400 channel memories and 20 monitor locations, doubling the factory capacity for under $40.00. It also provides a "fade away" LCD back-light with a 7 to 10 second delay. The bank switching nature of the design allows for the user to program two unique 'personalities'

into the scanner selecting between them with the Keylock switch. The modification while complicated can be performed by any person with moderate to advanced electronics experience.

3069. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-09-30 17:58:11 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.780947891@vela.acs.oakland.edu>
Source record: 267947

I've pick up one side of cell phone conversations when I'm right next to them(10 ft.).This is with my pro 43

3070. Re: http site address

Newsgroup: rec.radio.scanner
Date: 1994-09-30 18:00:16 UTC
From: tharrell@opus.nmsu.edu
Message-ID: <36hjng$nh9@dns1.NMSU.Edu>
Source record: 268009

```
Paul Nash (zen@ccs.neu.edu) wrote:
: I got some mod's & frequency listings up on it, and
: the FAQ's... I'm trying to get a decent freq. database, so if you have
: any freq's typed up send'em over...
: Anyways, point your web browser to:
: http://dice.dac.neu.edu/Homepages/paul/index.html

: The scanner stuff is in the Ascii library.. Have fun!
: Paul

Pretty cool. I've got a little site myself, but since I only have a 750k
quota on the machine, it's not gonna have graphics anytime soon. Try
http://rever.nmsu.edu/~weasel
I've noticed that sometimes Mosaic chokes on that, so if that fails, try
http://rever.nmsu.edu,
select 'users', then scroll down and select 'weasel.' If that fails,
email me. :)
--
/-----------------------------------------------------------------\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\-----------------------------------------------------------------/
```

3071. Re: Inversion Encryption

Newsgroup: rec.radio.scanner
Date: 1994-09-30 18:33:47 UTC
From: horak@convex.com
Message-ID: <36hlmb$qg9@eugene.convex.com>
Source record: 268010

In <36h52m$k63@everest.pinn.net> <Unknown> (Freedom) writes:

>In article <36edh6$ave@eugene.convex.com>, horak@convex.com (David Horak) says:

>>The descrambler
>>simply plugs into your audio output jack. I think you got the question
>>confused with how to *receive* or *descramble* a frequency inversion
>>signal.

>Which descrambler do you use and where did you get it? I'm looking at
>getting one but I want one that has been proven to work.

>Joe

I got the old version of the Ramsey SS-70 and had to modify it to work.
I hope the SS-70 is better. The kit is $39.95 and the matching case is
$14.95. They'll sell it to you assembled with case for $79.95. Their
number is 1-800-446-2295. Ask them for a catalog. Most of their stuff
is junk and needs modifications. If you're technically inclined it is
not a problem.

By the way, has anyone tried the NEW SCA decoder (SCA-1) for $27.95?
I don't have a receiver capable of tuning below 100KHz so I was thinking
about trying this one. I guess I need the SCA mod for the 2006 too :-)

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-D

3072. RadioMap service expands into OH, PA, MO (and IL, IN, MI, NY, WI)

Newsgroup: rec.radio.scanner
Date: 1994-09-30 18:51:12 UTC
From: jejesson@amoco.com
Message-ID: <1994Sep30.141651.28628@amoco.com>
Source record: 268013
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc,sci.electronics.repair

Having a color map of most of the local transmitters is truly wonderful! Driving by antennas for years made me curious as to the frequency and the ownership. For example, I now know who owns the huge towers a few miles from my house (AT&T) and what frequency is used. Also, as I am interested in pager technology, I have quickly identified the Skytel transmitter locations!

This is now possible (much easier then digging through multiple databases) through Bob Parnass' RadioMap(tm) service. Knowing Bob and respecting his radio knowledge, I quickly sent him a check and asked him to identify transmitters in my immediate area. He looks at the density of transmitters and determines the overall radius (for the Chicago loop area, he can only diagram a small radius due to the density while a rural area he can expand the radius to 10 miles or so) and plots the output. He returned a nice map with a linear list of transmitters within a week.

Overall, the RadioMap is a good deal and now I KNOW (instead of guessing) where the transmitters are!

Specifics: RadioMap(tm), Bob Parnass, 2350 Douglas Road, Oswego, Illinois, 60543-9794, $19.95

(I have no affiliation with the RadioMap(tm) product, just a pleased customer)

--Joe Jesson

3073. Re: FS PRO-34 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-09-30 19:26:18 UTC
From: n6mmm@n6mmm-mac.ccmail.com
Message-ID: <1994Sep30.192618.1876@ccmail.com>
Source record: 268012

In article <CwpIFs.HuL@eskimo.com>
beldar@eskimo.com (Dan Fellows) writes:

> Warren Brown <warrenb@netcom.com> wrote:
> >For what it's worth, about four months ago I found a *cellular-modded*
> 34 in
> >*excellent* condition for a friend for *$75*! Thus, I am in concurrence
>
> >with the comment that $229 is rather unrealistic...to say the least.
> >
> >Warren Brown in Fremont, CA
>
>
> for only $75?...does this guy have any other scanners he wants to sell?
> I had *no* trouble selling my 6 year old Pro-34 in ok shape for $150.
> Just put an ad in your local paper saying "hear cellular" or "listen in
> on your neighbors" and you will start getting calls.

I'm the fellow who sold the PRO-34 to Warren's friend for $75.

And, nope, I don't have any more to sell.

Why $75? Because I picked up a year-old PRO-43 for $150. And that
fellow doesn't have any more PRO-43s :-)

Gary

3074. Solar Battery Chargers

Newsgroup: rec.radio.scanner
Date: 1994-09-30 20:19:56 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1994Sep30.201956.2102@grian.cps.altadena.ca.us>
Source record: 268014

The following email failed, and since it is of general interest, I thought I'd post it.

Newsgroups: rec.radio.scanner
Subject: Re: SOLAR Charger
Distribution: world
References: <3558ru$mc@search01.news.aol.com>

jeffpmil@aol.com (JeffPMil) writes:

>Any god source of solar battery charger? I have four AA's and would like
>to be able to recharge them via the sun.

>Suggestions?

Get hold of these folks and get a catalog:
REAL GOODS
966 Mazzoni St.
Ukiah, CA. 95482-3471
800-762-7325

They have a 4-AA solar charger, order # 50-201 for $14
The catalog does say however, that it will take 2-6 _days_ to fully charge a set of nicads (it's got a 90ma panel). They've got a "High Powered" solar charger that will do a pair of C, D, AA or AAA nicads at 330 ma. That one is available as a complete unit (#11-130) for $19, or as a 4.7v 330 ma panel alone for $12.

Disclaimer: I've got nothing to do with Real Goods except as a happy customer.

--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

3075. Re: PRO-2006 - ATT Switch

Newsgroup: rec.radio.scanner
Date: 1994-09-30 22:05:59 UTC
From: copeland@metronet.com
Message-ID: <Cwyqq1.Lx6@metronet.com>
Source record: 268015

In article <36g7ar$nc1@herald.indirect.com>,
Randy DeForest <dooman@indirect.com> wrote:
>I found a PRO-2006 at one of the local Radio Shacks here in lovly Phoenix
>Arizona.
>
>After one night of letting my wife control the PRO-51 ... I convinced her
>to spend the $350 for the PRO-2006.
>
>I just have one question -
>
> What is the "ATT" switch on the back for? The manual says *nothing*
> about it.

ATTenuate. When the receiver get overloaded from very strong close by
signal, the ATT switch will put things straight. Don't use it unless you
have to. Leave it set on 0db.

--

| copeland@metronet.com |

3076. Re: Yagi Antena question.

Newsgroup: rec.radio.scanner
Date: 1994-09-30 23:33:27 UTC
From: abe@rabbit.corp.sgi.com
Message-ID: <36i787$7at@fido.asd.sgi.com>
Source record: 268017

In article <allds.2.0013C208@indirect.com>, allds@indirect.com (John Allds)
writes:
|>
|> Can some-one help me..??
|>
|> A friend just gave me a Yagi directional antena.......
|>
|> I have a Pro-39 and wanted to know if I should install this Yagi on my
|> roof,
|> and what kind of reception or distance or what I will get with it??....
|>
|> I am not familiar with external antena's.....is this a good one for me?

The Yagi type antenna may not be a good choice for general purpose
scanning for a few of the following reasons:

1) The Yagi is directional so you will need to point it in the general
direction of the station you wish to monitor. Stations to the sides
and back of the Yagi antenna will be severely attenuated. The
"narrowness" of the beamwidth will be dependant on the number of
elements. More elements will give you more gain but you will have
to "aim" the antenna more precisely because its beamwidth will be
narrower.

2) In general, the Yagi is a relatively narrow-band antenna which will
provide plenty of gain over a relatively narrow band of frequencies.
Unless you need this additional gain within the frequency band the
Yagi was designed for, you will probably be better off using a
broader bandwidth antenna like a discone or even a simple outdoor
whip.

A log-periodic antenna which looks similar to a Yagi may be a better
choice for scanning. While all of the elements of a Yagi antenna are
about the same length, the log-periodic antenna will have tapered
element lengths --- like a TV antenna. Basically, the tapered elements
give the log-periodic a much broader frequency bandwidth but reduced
gain and broader beamwidth. It is still a directional antenna but the
trade-off is greater bandwidth at reduced gain. You'll still have to
"point" this antenna in the general direction of the station you wish
to receive.

My ideal setup:

1) Omnidirectional broadband antenna placed very high on my rooftop
for general purpose monitoring.

2) Directional antenna like a Yagi or log-periodic placed on a TV antenna rotator on my rooftop.

Use the omnidirectional antenna for general monitoring. If I hear a weak signal that I'm interested in, switch to the directional antenna and rotate it until the signal strength increases to a useable level.

--
Abe Collins | Silicon Graphics, Inc. MS/14L-135 | Ph: 415.390.3026
Channel Development | 2011 N Shoreline, Mt.View CA 94043 | Fx: 415.390.6325

Internet CompuServe Prodigy America Online Netcom
abe@sgi.com 70741,56 TJDU70A AbeSGI
abec@ix.netcom.com

All wiyht. Rho sritched mg kegtops awound?

3077. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-09-30 23:40:34 UTC
From: glickman@panix.com
Message-ID: <36i7li$1nh@panix.com>
Source record: 268016

zimmer@wmich.edu wrote:
: What with all the RatShack bashing having occurred lately, I thought I'd
: relate this.

: I stopped into one of the local outlets over the weekend. I looked at some
: merchandise I was contemplating getting, but then handed it back to the
: salesperson and told her I would like to take just the new catalog today.
: She reached under the counter, peeled a sticker I never saw off the front
: cover and said "Here you go!". I was very surprised, having fully expected
: to pay, happily thanked her, and left the store.

The sticker she peeled off and didn't give you was a coupon good for
$2.00 off your next purchase. Maybe she applied that to the catalog,
maybe she kept it for herself.
--

Gary M. Glickman
glickman@panix.com

3078. The Radio Spectrum - 3rd Revision

Newsgroup: rec.radio.scanner
Date: 1994-10-01 00:20:58 UTC
From: g9153402@huey.csun.edu
Message-ID: <36ia1a$fuf@nic-nac.CSU.net>
Source record: 268021
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

OK. Here is my third revision of this list, as astute readers showed me some more minor errors. But remember, I intended this to be an approximate guide, maybe to just paste on the wall to refer to as you are scanning the frequencies. It isn't (and can't) be some extensive guide to frequency locations, like the book Police Call.

Have fun,

Berton Corson
Northridge, California

THE RADIO SPECTRUM

This is an approximate look, to help in searching frequencies on a scanner or shortwave radio. Just be aware, having the right frequency may not be enough, in tuning to a certain frequency. The time of day, atmospheric conditions, location, mode you're in (AM, SSB, Narrowband FM, Wideband FM, etc.), and your equipment, are also equally important. You'll find most transmissions are broadcasted in Narrowband FM. Some main exceptions are shortwave (AM & SSB), commercial AM radio (AM), commercial FM radio (Wideband FM), television (Wideband FM), citizens band radio (AM & SSB), aeronautical communications (mostly AM), and some military VHF/UHF (Wideband FM). Most all scanners will pick a default mode for you, depending on what frequency band you are in. But many scanners also let you manually switch between modes (AM, FM, etc.) and frequency search spacing (5 khz, 12.5 khz, etc.) if the default modes are not correct. Happy Listening!!!

FREQUENCY USES/SERVICES
(in Megahertz unless
otherwise indicated)
---

10 - 150 khz Military/government, submarine
(.01 - .15 MHz) communications.

150 - 535 khz Longwave Band, beacons, foreign broadcasts,
(.15 - .535 MHz) maritime.

535 - 1700 khz Your standard AM radio dial.
(.535 - 1.7 MHz)

1.7 - 30 Shortwave/High Frequency Band. Broadcasting,
two-way government, military and commercial
communications, amateur radio, CB radio (approx.

27 MHz), others.
Shortwave - Approx. Range Meter Band
1.8 - 2.0 160*
2.3 - 2.495 120
3.2 - 3.4 90
3.5 - 4.0 80*
3.9 - 4.0 75
4.75 - 5.06 60
5.9 - 6.2 49
7.0 - 7.3 40*
7.1 - 7.35 41
9.4 - 9.9 31
10.1 - 10.15 30*
11.6 - 12.1 25
13.57 - 13.87 22
14.0 - 14.35 20*
15.1 - 15.8 19
18.068 - 18.168 17*
17.48 - 17.9 16
18.9 - 19.02 15
21.0 - 21.45 15*
21.45 - 21.75 13
24.89 - 24.99 12*
25.6 - 26.1 11
28.0 - 29.7 10*
(In general, the lower shortwave frequencies
<higher meter band> are received better during
the night, while higher frequencies are re-
ceived better during the day. There are also
some amateur radio bands between many of these
shortwave bands(*). Consult a shortwave guide
for more detailed information.)

30 - 50 Very High Frequency Band. Government, business,
walkie-talkies. Also, cordless phones and
'baby monitors' found about 46 - 49 MHz.

50 - 54 Amateur radio 6 meter band.

54 - 72 TV Channels 2-4.
Channel 2 Audio (Wideband FM) 59.75
Channel 3 Audio (Wideband FM) 65.75
Channel 4 Audio (Wideband FM) 71.75

72 - 76 Manufacturing, remote control, eavesdropping
bugs, etc.

76 - 88 TV Channels 5-6.
Channel 5 Audio (Wideband FM) 81.75
Channel 6 Audio (Wideband FM) 87.75

88 - 108 Your standard FM radio dial.

108 - 136 Aeronautical communications (AM).

136 - 138 Satellites.

138 - 144 Military communications.

144 - 148 Amateur radio 2 meter band.

148 - 150.8 Military use.

150.8 - 174 Business, highway, law enforcement, government, weather, maritime.

174 - 216 TV Channels 7-13.
Channel 7 Audio (Wideband FM) 179.75
Channel 8 Audio (Wideband FM) 185.75
Channel 9 Audio (Wideband FM) 191.75
Channel 10 Audio (Wideband FM) 197.75
Channel 11 Audio (Wideband FM) 203.75
Channel 12 Audio (Wideband FM) 209.75
Channel 13 Audio (Wideband FM) 215.75

216 - 220 Maritime and aeronautical.

220 - 222 Land mobile communications.

222 - 225 Amateur radio.

225 - 400 Military aviation and space.

400 - 406 Military and government.

406 - 420 U.S. Government.

420 - 450 Amateur radio.

450 - 470 Ultra High Frequency Band. Business, industry, military, fire, government.

470 - 512 TV Channels 14-20, shared with law enforcement.

512 - 824 TV Channels 21-69, others.

824 - 849 Cellular telephones (receivers/handsets).

849 - 851 Aeronautical telephones (ground-based towers).

851 - 866 Business, public safety, trunked systems.

866 - 869 Public safety, law enforcement, trunked systems.

869 - 894 Cellular telephones (towers).
Note: Even though listening to cellular telephone calls is technically illegal in the United States, one will usually do better listening to calls on the tower frequencies, as opposed to the handset frequencies. This is because most cellular phones transmit less

than one-watt of output. So unless the cellular phone is very close to you, you will have much more luck scanning the more powerful towers, which transmit/receive for each cell site.

894 - 896 Aeronautical telephones (handsets). Note: In scanning airplane telephones, you will usually do better listening to the handset frequencies, instead of the tower frequencies, unless you are very near a ground transmitter. But, in any event, call traffic heard on handset frequencies is very scant.

896 - 901 Private land mobil units.

902 - 928 Land mobile, amateur radio, personal communication units, cordless telephones.

928 - 932 Radio paging.

935 - 940 Business radio.

941 - 944 Government and non-government fixed services.

944 - 952 Broadcasters' studio-to-transmitter links.

952 - 960 Private fixed services, paging.

960 - 1240 Aeronautical navigation.

1240 - 1300 Amateur radio.

1300 - 1350 Aeronautical navigation.

1350 - 1400 Radio location.

1400 - 1427 Radio astronomy.

1427 - 1429 Point-to-point, mobile, space.

1429 - 1660.5 Various satellite transmission uses.

1660.5 - 1668.4 Radio astronomy.

1668.4 - 1700 Meteorological aids.

1700 - 1850 Meteorological satellites, U.S. Government.

1850 - 1990 Fixed point-to-point, microwave.

1990 - 2110 Broadcast studio-to-transmitter links.

(end)

3079. Re: Help chosing radio

Newsgroup: rec.radio.scanner
Date: 1994-10-01 00:36:03 UTC
From: g9153402@huey.csun.edu
Message-ID: <36iatj$gog@nic-nac.CSU.net>
Source record: 268022

Kennith Sprinkles Jr. (kenneth@eri.erinet.com) wrote:
> Need help choosing a scanner I would like one that covers everything.
> Whats the diffrence in one that states 150khz-30mgz and one that says
> 25-2ghz. I am looking at the Icom 7100 is it any good, whats some other good
> scanners?. All help is greatly appreciated.

150 khz - 30 mhz is good coverage for a shortwave radio.

25 mhz - 2 ghz (2000 mhz) is great coverage for a scanner, if in fact it
is continuous (very few are, and scanners made after April of this year
aren't supposed to be cellular modifiable (parts of the 800 mhz band).
I don't know about the Icom 7100, but I would bet most of your searching
will be in the 25 thru 950 mhz range. There really isn't much up there
in those higher frequencies to listen to. ...At least I've never found
much.

3080. Secret Service Freqs... AM or FM?

Newsgroup: rec.radio.scanner
Date: 1994-10-01 01:02:14 UTC
From: Greg <gregmason@delphi.com>
Message-ID: <B630wBu.gregmason@delphi.com>
Source record: 268020

Does anyone know which USSS freqs are FM and which are AM?

Thanks,
---Greg

3081. Re: mocomm 70 for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-01 01:15:58 UTC
From: kjn@netcom.com
Message-ID: <kjnCwyzIM.x6@netcom.com>
Source record: 267948

beavis says:
" I have a Motorola mocomm 70 for sale:
" in good condition with all cables, mike
" and control head. $75.00

Me Too...
I have 2. One is a two channel with 2 selectable PL tones.
Freq = 489 Mhz - 490 Mhz.

The other is a single freq/single PL.
Price is about the same as beavis is asking...

--
Ken Navarre

3082. RS 2032?

Newsgroup: rec.radio.scanner
Date: 1994-10-01 01:36:39 UTC
From: ed498@cleveland.Freenet.Edu
Message-ID: <36ief7$8df@usenet.INS.CWRU.Edu>
Source record: 268023

I've recently purchased a Radio Shack Mod 2032. A local store had a batch of these for $199. I checked this and last year's catalog and it's not listed. I've been lurking here faithfully for any info on this thing, but have not seen any postings. Sooo, what in the heck do I have? Is it a relativly current model? And of course, is it mod-able?

|9Z

AV:,TIA,
Dave

3083. Re: Detecting scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-01 01:39:32 UTC
From: kjn@netcom.com
Message-ID: <kjnCwz0Lx.2I9@netcom.com>
Source record: 267951

Chris Van Fleet says:
" The next test was in the cordless phone band, ie. 46 MHz. With the
" PRO-41 scanning over 46.870 MHz and the 2006 tuned to 36.17 Mhz the
" distinctive chuffing noise could be heard thru the 2006's speaker.
" When I turned the PRO-41 off though, there was still a chuffing
" noise although weaker and not as fast. Why? I assume this means there
" is another scanner scanning through 46.870 MHz nearby.

Could be...

" Next:
" - more testing on the range over which the PRO-41 is detectable
" - we'll try to track down the SCANNER SCUM monitoring the cordless
" phone frequencies nearby. We have a HAM living behind us, I'll
" bet that's who it is.

Yep. You know how those dastardly HAMS like to drool over those hot 900
calls made over your cordless... :)

The Brits use similar technology to check on the use on unlicensed
television receivers. Probably those TV AUDIO SCUM who are trying to
avoid paying shillings into the British Postal Service coffers.

Out here on the west coast HBO used vans to search for the IF of pirate
SCUM who snatched the signal from their unencrypted mountaintop
repeaters. They sent cute little letters to try to intimidate those that
they found. Some coughed up the money demanded by HBO. Others told them
to go pound RF waves into their dummy loads.

Why does a scanner tuned to 46 - 49 Mhz make someone a SCANNER SCUM
while the same receiver tuned to 54 Mhz make one a TV hobbyist? If you're
offended by the fact that technology has left your phone conversations a
little less private why don't you use the ultimate countermeasure - a
phone with a wire on it...

Sheesh... I hope you're not one of the folks who sleeps better at night
safe in the knowledge that the ECPA will make everything right with the world
of wireless communication!

just another opinion from one of those HAM SCUM... :) KC6IFF

--
Ken Navarre

3084. Re: 2 way radio programming

Newsgroup: rec.radio.scanner
Date: 1994-10-01 04:34:46 UTC
From: Chris Hall <chall@server0>
Message-ID: <Pine.SUN.3.90.941001003011.13762F-100000-100000-100000@server0>
Source record: 267950

Woah, woah-woah-wo-wo-w-w-w-w-wwwww!!!
What are the possible transmitting frequencies of this wonderful
device? Also, what is it called and about how much does it range ($) ??

On Thu, 29 Sep 1994 vector@inferno.com wrote:

>
>
>
> IB>In article <35trtj$ce4@news.ycc.yale.edu> wcross1@minerva.cis.yale.edu (Wilb > IB>
> IB>Cross HS) writes:
> IB>> I was wondering if anyone had any programming software for 2 way radios
> IB>> (any brand, motorola and icom preferred). I was told that these products
> IB>> were freeware, however the cables are to be purchased through the
> IB>> respective company.
> IB>>
> IB>> This software is used for PC -> Radio programming of frequencies.
> IB>>
> IB>> Thanks ... Email me if you have any information.
> IB>>
> IB>> Thanks again...
> IB>>
> IB>> Bill
> IB>On that same thread, does anyone have information on GE products?
> IB> Email or post
>
> IB>Thanks in advance,
>
> IB>Gordon
>
> IB>Gordon Berlin | berling@alleg.edu |"When all else
> IB>Hershey Fire Co. | Political Science major | fails, get a
> IB>Hersheypark Security | Allegheny College | bigger hammer."
> IB>Hershey, PA | Meadville, PA |is used for PC ->
R adio > IB>programming of frequencies.
> IB>>
> IB>> Thanks ... Email me if you have any information.
> IB>>
> IB>> Thanks again...
> IB>>
> IB>> Bill
> IB>On that same thread, does anyone have information on GE products?
>
> i can get my stuff programmed for free. however, i can't get copies of
> the software, mainly due to the dealer i know being worried about it's

> spread through the underground.
>
> as far as programming icom's goes, if it's an H16 or U16, it's very
> easy...
>
> holding down the function key on the radio, enter 1 5 9 3 5 7
>
> when you let go, a ":" should appear between the "ch" and the channel #
> on the display. you are now in program mode.
>
> holding down <function> and pressing 5 displays the receive/transmit
> frequency for the channel you are on. you have to continuously hold
> down the function key while you are entering a new frequency. all
> digits in the frequency need to be entered. be sure to press <ent>
> before letting go of the function key to enter the frequency into
> memory.
>
> you are in program mode so long as the : is on the screen.
>
> to enter the CTCSS transmit tone, press <function> 1. this will display
> the current tone (u need icom's numeric chart...sorry, i don't have it).
> enter the tone # and press <ent> to continue. <function> 2 is the
> receive tone.
>
> to enter in a repeater offset, press <function> 4. the display will
> show you the current offset. use * for a negative offset, # for a
> positive offset, followed by the offset value in MHz (+5MHz for 440-470,
> +3MHz for 480-495, no standard for VHF on the H16 though). 5MHz would
> show up as 05 00 on the display while 600kHz would show up as 00 60 on
> the display. again, be sure to enter in all digits, then press <ent> to
> accept the new value.
>
> to enter in a special channel # (not more channels than 16, just a
> different # to label a channel with than 1-16), presss <function> 7.
>
> i think <function> 8 is a time out timer option. never use the thing
> myself. keeps you from keying the radio for over 2 mins or something
> like that.
>
> <function> 9 is transmit inhibit. you'll know if this is active because
> the TX indicator won't come on when you key the radio. great for
> entering in the local police and fire for monitoring purposes. keeps yo
> u out of trouble with the authorities.
>
> remember, you can clone the 16 channel icom mobiles from an H16 or U16,
> just follow the instructions that come with the unit.
>
> greg
>
> vector@inferno.com

> IB> Email or pos
>
>

3085. question about elderly PRO-2004

Newsgroup: rec.radio.scanner
Date: 1994-10-01 05:10:06 UTC
From: lfs@netcom.com
Message-ID: <lfsCwzACu.LLw@netcom.com>
Source record: 267967

I saw a slightly grungy PRO-2004 scanner for a decent price in a pawn shop yesterday. The keypad seemed a little low-budget to me, but it's supposed to be a good scanner from what I've read. However, the one thing that didn't appear to work was the "." key! In other words, when I'd try to key in 162.55 it would read it as 1625 (max of 4 digits left of decimal point). Also, there was no beep when I hit the "." key (but the key action felt OK). Are my habits with my cheap little 855XLT blinding me as to how to key in a freq on the 2004? If that's not the case, what are the odds that I can still get a replacement keypad (and would I have to be Superman to replace it?)? I wouldn't bother, but the files on oak with all those 2004 mods make it tempting... %)

Please email, as netcom's news feed is rather sluggish at the moment. If there's interest, I can post any info I get. Thanks.

--
Larry Spence (lfs@netcom.com)

3086. Re: Freqs for Bay Area

Newsgroup: rec.radio.scanner
Date: 1994-10-01 06:09:49 UTC
From: msattler@jungle.com
Message-ID: <36iufd$bp0@lard.ftp.com>
Source record: 267932

In article <36f7hg$97r@nntp.Stanford.EDU>
echeng@leland.Stanford.EDU (Eric Hauh Cheng) writes:

> Does anyone know an FTP site where I can get frequency lists?

I have a complete database of california frequencies (for county
sheriff) etc. I'll make it available (via WWW) real soon now. If you
want lists of repeaters try the ARRL directory (best $6 I ever spent).

_/_/_/

3087. Re: PRO-2006 - ATT Switch

Newsgroup: rec.radio.scanner
Date: 1994-10-01 06:44:42 UTC
From: smernoff@acsu.buffalo.edu
Message-ID: <CwzEqI.4v1@acsu.buffalo.edu>
Source record: 267966

In article <36g7ar$nc1@herald.indirect.com>,
Randy DeForest <dooman@indirect.com> wrote:
>I found a PRO-2006 at one of the local Radio Shacks here in lovly Phoenix
>Arizona.
>
>After one night of letting my wife control the PRO-51 ... I convinced her
>to spend the $350 for the PRO-2006.
>
>I just have one question -
>
> What is the "ATT" switch on the back for? The manual says *nothing*
> about it.
>

It is an attenuator switch, for I believe 10db reduction in rx signal.
Useful in major RF jungles like NYC, etc.

-Dave

3088. Re: Detecting scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-01 06:52:45 UTC
From: gkd@bigwpi.WPI.EDU
Message-ID: <36j0vt$jbu@bigboote.WPI.EDU>
Source record: 267935

In article <zenith89-300994105017@47.80.2.73>,
Chris Van Fleet <zenith89@bnr.ca> wrote:
>
>The next test was in the cordless phone band, ie. 46 MHz. With the
>PRO-41 scanning over 46.870 MHz and the 2006 tuned to 36.17 Mhz the
>distinctive chuffing noise could be heard thru the 2006's speaker.
>When I turned the PRO-41 off though, there was still a chuffing
>noise although weaker and not as fast. Why? I assume this means there
>is another scanner scanning through 46.870 MHz nearby.
>
>Next:
>- we'll try to track down the SCANNER SCUM monitoring the cordless
> phone frequencies nearby. We have a HAM living behind us, I'll
> bet that's who it is.

Good luck with your scumbusting, but I bet your track will lead you right to the cordless phone itself, rather than to some scanner scum monitoring it. After all, cordless phone handsets contain receivers which monitor the 46 MHz base signal, and their receivers have IF's and local oscillators too. As for the chuffing (pulsing) of the signal, that is characteristic of a battery saver circuit just like those employed by some ham handhelds. When the receiver hears no signal for a period of time, it goes to "sleep" and just fires up briefly once every second or so to check the frequency for activity.

Many scanners and radios emit local oscillator (LO) signals which can be picked up for quite some distance. I've been able to identify several scanners monitoring the local PD by listening for their LO's. I can also tell when a police cruiser is within a block or so of my location if I'm monitoring the LO frequency of its radio. I even found the frequency of a particular business once by using my handheld scanner to search scan for the LO frequency of one of its radios. I was standing about 100 feet from an employee carrying a Motorola HT-90 UHF portable, which I knew had a 1st IF of 21.4 MHz. I guessed the business operated in the 461-465 MHz range, and search scanned 21.4 MHz below (439.6 MHz - 443.6 MHz) until the scanner stopped on the Motorola's LO frequency. Then I just added 21.4 MHz to come up with the operating frequency; and the guy never even had to transmit for me to find it.

There are other amusing tales of LO radiation. A friend of mine who used to have a UHF ham repeater right next to a busy boulevard found the repeater was keyed up every weekday morning by a carrier that would fade in and fade out about 30 seconds later. The same thing would happen every weekday afternoon. After some calculations and systemmatic observation, we concluded that someone who commuted to work every day on the boulevard

and listened to the FM station whose audio we were hearing had a car radio with very leaky harmonics of the LO, one of which fell on the repeater's input frequency. I once used the LO of a BC-210 scanner to key up a 2 meter ham repeater about 1/3 of a mile from my former QTH. Police in some states have used radar detector detectors which listen on radar detectors' LO frequency to tell whether a motorist is using a radar detector. And I've heard via the net that authorities in the UK (where every TV set must be licensed) use equipment that detects local oscillators of television sets to locate unlicensed sets. So while scanners are generally among the worst offenders when it comes to LO leakage they are by no means the only offenders.

Greg
(gkd@wpi.edu)

3089. Re: Military SATCOM advice needed!

Newsgroup: rec.radio.scanner
Date: 1994-10-01 06:58:03 UTC
From: wbishop@netcom.com
Message-ID: <wbishopCwzFCr.7xF@netcom.com>
Source record: 267969

Harold G. Peach Jr. (hpeach@ca.uky.edu) wrote:
: Last Christmas I received a Grove ScannerBeam as a gift. I am now getting around to putting it
: up (I have a lot of half-built kits too). My thought has been that my main use for this antenna
: would be to receive military satellites in the 200-400 MHz band. To do this is going to require
: the outlay of some additional cash so I have a few questions:

: 1) Is there enough traffic being transmitted in the clear via these birds to make the investment
: worthwhile? What type of comms (i.e., would I be able to listen to the operations going on in
: Haiti if I had this in place now or would I just pickup routine stuff?) can one expect to hear?

With the DSCS III and IV birds up there... no.

: 2) Is the typical mode FM, SSB, or what?

Classified.

: 3) Is it reasonable to assume that a log periodic, 10dB preamp, and a PRO-2004 (feeding an
: ICOM 745 if SSB is needed) will do a decent job?

The frequencies are so far up there, its beyond the reach of even the 2Gig
radios Ive seen.

: 4) WHO MAKES AN INEXPENSIVE, REMOTELY POWERED PREAMP THAT WOULD WORK
: FOR THIS APPLICATION?

: 5) WHERE CAN I FIND AN INEXPENSIVE, LIGHT DUTY AZ-EL ROTOR FOR THIS
: APPLICATION?

: 73, Harold
: ---
: Harold
: hpeach@ca.uky.edu

I spent 4 years in SatCom in the Air Force..

See ya.

--
Chinchilla Bill - New and Improved - Now comes with 2 chinchillas!
San Jose, California wbishop@caere.com

3090. FCC License Data Sources

Newsgroup: rec.radio.scanner
Date: 1994-10-01 07:00:23 UTC
From: bill@thd.tv.tek.com
Message-ID: <36j1e7$asa@news.tv.tek.com>
Source record: 267933
Cross-posted to: rec.radio.scanner,rec.radio.info

[last changed 05-Jul-94]

Changes preceeded by "|". Please e-mail corrections and additions to me.

INTRODUCTION

This is a list of FCC license data sources available to scanner listeners. The FCC master contains a wealth of data about every non-government license in the United States. Most of the sources below contain a subset of this data, although a few contain all of it. Government licenses are not administered by the FCC, and the data is not available to the public.

If you are interested in purchasing the data, you might want to consider forming a co-op of people in your area to share the cost. As far as I know, this is legal since the information is in the public domain. However, most software supplied to view or manipulate the data is copyrighted and must be purchased separately by each user.

Prices are rounded to the nearest dollar and include shipping, if known.

C.E.T.

CET sells records of all stations inside a 30-mile radius for $80. (Major cities cost extra.) A 70-mile search costs $178. The data is provided on floppy disks and is available in ASCII columnar and comma-delimited formats.

CET does not provide data for licenses that do not contain specific geographic coordinates (i.e., mobile-only systems) or specific operating frequencies (e.g., amateur radio).

To do the search, CET requires the latitude and longitude of the center of the 30-mile radius. I calculated mine from a USGS topographic map I obtained at a local nautical supply store. Alternatively, you can obtain the coordinates for your town from the University of Michigan's geographic name server. Run "telnet 141.212.99.9 3000" and enter your zip code. For my area, the server returned the coordinates of the main post office.

CET can be reached at 800-445-0297.

GROVE

Grove sells FCC data on disk by state. The first state is $40, and each additional state is $30 (add $10 for CA, FL, TX). The disk comes with a database search program. Grove Enterprises can be reached at 800-438-8155.

MICROFICHE

The Bearcat Radio Club sells the FCC master by state for $15. Bearcat Radio Club can be reached at P.O. Box 291918, Kettering OH, 45429.

PERCON

PerCon sells a variety of FCC data on CD-ROM and floppy. CD-ROMs are available by region or category, and floppies are available by state. Also available is a CD-ROM of the entire US (2.5 million records). Data is updated approximately every six months.

State floppies are $60 per state (add $5 for CA, FL, NY, TX, PA, OH, IL). Regional and full US CD-ROMs are $105 each. CD ROMs by category are $155 each. Quantity discounts available. PerCon can be reached at 716-386-6015.

POLICE CALL

This is probably the most cost-effective source of public service license information. The detail is limited, but the information that is there is often more useful than the FCC master. For example, an entry in Police Call that reads, "Portland Police, Net 3, North Precinct," reads, "Portland, City of" in the master.

Police call is available in 9 volumes covering different regions of the US. It can be purchased at Radio Shack stores for $10 per volume.

SCANWARE ASSOCIATES

ScanWare Associates sells a PC-based database program called the FCC Frequency Retrieval System V2.0. It comes with FCC data for one state, covering all services from 10 kHz through 2036 MHz. Data is updated approximately every six months (last update was Dec. 1, 1993).

Cost is $35 for the first state and $20 for each additional state. (Add $5 for CA, FL, TX, NY.) Quantity discounts available. Fully working shareware copy downloadable from their BBS at 206-871-4228 (FCC200.ZIP). ScanWare Associates can be reached at 206-698-1383 (voice) or 206-698-8207 (fax).

APPENDIX

Here is table of data fields in the FCC master. Fields provided by various products are indicated by "#" or the field length, if known.

PERCON PERCON PERCON POLICE SCAN
DESCRIPTION SIZE CET GROVE FLOPPY US CD OTHER CD CALL WARE
Frequency (or Lower Limit) 16 11 12 16 16 16 # 11
Upper Frequency Limit 16 16 16 11
Callsign 10 8 10 10 10 10 # 10
Service Code 2 2 2 2 2 2 # 2
Licensee DBA Name 40 32 30 40 40 40 # 40
Licensee State 2 2 2 2
Licensee Zip 9 5 9 9

```
Licensee Address 35 30 35
Licensee City 20 15 20 20
Licensee Name 200 100
Applicant Phone 10 10
Transmitter Latitude 6 6 6 6 6 6 6
Transmitter Longitude 7 7 7 7 7 7 7
Transmitter Elevation 5 5 5 5 5
Transmitter Height 5 5 5 5 5 5
Transmitter HAAT 5 5 5 5
Transmitter Effective Height 5 5 5
TX Antenna Structure Height 5 5 5
Transmitter Address 80 80 80
Transmitter City 20 10 12 20 20 20 # 20
Transmitter County 30 10 20 30 30 30 30
Transmitter State 2 2 2 2 2 2 # 2
Class of Station 4 4 4 4 4 # 4
Type of Message Service 1 1
Area of Operation 1 1
Radius of Operation 4 4 4
Antenna Type 10 10 10
Antenna Elevation Angle 6 6
Antenna Azimuth 6 6
Antenna Polarization 3 3 3
Antenna Gain 4 4
Antenna Path Length 6 6
Antenna Beam Width 8 8
ERP Out 8 4 8 8 8
ERP Units 2 1 2
ERP Indicator 1 1
Power Out 8 4 8 8 8
Power Out Units 2 1 2
Power Out Indicator 1 1
Emissions 15 15 15 15
License Issue Date 6 6
License Expiration Date 6 4 6
Operation Begin Time 4 4
Operation End Time 4 4
Number of Vehicle Mobiles 4 4 4 4 # 4
Number of Portable Mobiles 4 4 4 4 # 4
Number of Aircraft Mobiles 4 4 4 4 # 4
Number of Marine Mobiles 4 4 4 4 # 4
Number of Pager Mobiles 5 4 5 5 5
Authorization Type 1 1*
CP Authorization Number 2 2*
Area of Operation Descript. 100 100*
Paint & Lighting Specs 33 33*
Special Conditions 100 100*
TX Latitude Direction 1 1*
TX Longitude Direction 1 1*
Type of Last Contact 1 1*
```

Date of Last Contact 6 6*
Number of Units 4 4*

* = Regional CD Only, CP = Construction Permit,
ERP = Effective Radiated Power, HAAT = Height Above Average Terrain

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

3091. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-10-01 08:30:39 UTC
From: ian@isis.demon.co.uk
Message-ID: <781000239snz@isis.demon.co.uk>
Source record: 267944

In article <Pine.SUN.3.90.940928224427.25404B@server0>
chall@server0 "Chris Hall" writes:

>
> I pose one question:
>
>
> -How far away can a scanner be detected?

Switched off, about as far as you can see it !
Switched on and if you know where to look, about 300 ft with decent antennas
and clear line of sight.

The "if you know where to look" is the kicker. The strongest signal from the
scanners I've played with is the first LO, probable because it finds it's
way onto the antenna. With a spectrum range of SW to high UHF that LO covers
a vast range. If the scanner is scanning it'll be jumping, too.

That's passive detection. Active detection is a whole different game. It also
means that you're playing in the pro league or got *very* unlucky.

Most people caught scanning illegally have done something stupid, like acting
on what they heard in an obvious manner.

Ian.
--

| Ian Smith | "The Moving Finger writes;
| ian@isis.demon.co.uk | and, having writ, Moves on."

3092. Re: RS 2032?

Newsgroup: rec.radio.scanner
Date: 1994-10-01 10:03:01 UTC
From: usa@max.tiac.net
Message-ID: <36jc4l$qjb@sundog.tiac.net>
Source record: 267943

In article <36ief7$8df@usenet.ins.cwru.edu>,
Dave C. Smith <ed498@cleveland.Freenet.Edu> wrote:
>
>I've recently purchased a Radio Shack Mod 2032. A local store
>had a batch of these for $199. I checked this and last year's
>catalog and it's not listed. I've been lurking here faithfully
>for any info on this thing, but have not seen any postings. Sooo,
>what in the heck do I have? Is it a relativly current model? And
>of course, is it mod-able?

I too have one of these thanx to my wife :)..... N0w any MODS would be cool..
Seems like a nice scanner for $199. but the agoin I'm like totally new to
the scanning world :)

Jake

HYPERSCAN R0qs

3093. Good old RS Pro32 -2032

Newsgroup: rec.radio.scanner
Date: 1994-10-01 11:33:31 UTC
From: usa@max.tiac.net
Message-ID: <36jhec$smr@sundog.tiac.net>
Source record: 267945

Hi,
One thing can't me mod'ed ;(..... Herez what I found...

From netcomsv!decwrl!concert!news-feed-1.peachnet.edu!darwin.sura.net!europa.eng.gtefsd.com!howland.reston.ans.net!usc!nic.csu.net!eis.CalState.EDU!mlyon Sun Jul 18 22:05:43 PDT 1993
Article: 7547 of alt.radio.scanner
Path: netcom.com!netcomsv!decwrl!concert!news-feed-1.peachnet.edu!darwin.sura.net!europa.eng.gtefsd.com!howland.reston.ans.net!usc!nic.csu.net!eis.CalState.EDU!mlyon
Newsgroups: alt.radio.scanner
Subject: pro 32 mods : IMPOSSIBLE
Message-ID: <CA7uBq.KuC@eis.calstate.edu>
From: mlyon@eis.calstate.edu (Mike Lyon;Pac Bell)
Date: Thu, 15 Jul 1993 17:09:13 GMT
Organization: Calif State Univ/Electronic Information Services
Lines: 7

well i talked to bill cheek and he said the pro 32 is impossible to
modifie for the reasons of that it's not capable of recieving the 800 to
900 mhz range . just wanted to let all you PRO 32 FANS know about that.

mlyon@eis.calstate.edu

;(
Jake... Guess I'll be taking mine back :)

3094. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-01 12:24:27 UTC
From: g9153402@huey.csun.edu
Message-ID: <36jkdr$joq@nic-nac.CSU.net>
Source record: 267946

Mark D. Conner (mconner@rain.atms.purdue.edu) wrote:

> You can check this out with a scanner that switches from AM to FM in
> any frequency range (e.g. Pro-43). Select FM in the 118-136 band and
> you won't get squat.

True. A while back I bought this very cheap SW radio that was on sale.
The radio dial for the FM band goes from 88 - 136 mhz! In the instructions
it explains that you get the 'air band' above the FM frequencies, if
you keep turning the knob past 108. Yep, you are in the air band, but
not being able to switch to AM means you won't be able to understand a
thing...!

3095. Need Help with Computer Hook-Up

Newsgroup: rec.radio.scanner
Date: 1994-10-01 14:27:15 UTC
From: paradise@alpha2.csd.uwm.edu
Message-ID: <36jrk3INNkgr@uwm.edu>
Source record: 267949

I have a RS-2022 and a 486 computer. Is it possible for these two to be hooked up to each other? If so what do I need and what are the advantages? This is a fascinating idea to me and I would like to explore it more. Can anyone recommend books on this subject? Any help would be greatly appreciated. Thanks in advance.

Matt Paradise
paradise@alpha2.csd.uwm.edu

3096. Re: Police Terminology

Newsgroup: rec.radio.scanner
Date: 1994-10-01 15:31:47 UTC
From: frankjm@sd2.af.mil
Message-ID: <36jvd3$qss@blackbird.afit.af.mil>
Source record: 267961

In article <36h8ql$1fc@ionews.io.org>, gesman@io.org (Gleb Esman) writes:
|> In article <5G6XI6x.shojo@delphi.com>,
|> Robert Schmeltzer <shojo@delphi.com> wrote:
|> >Gleb Esman <gesman@io.org> writes:
|> >
|> >>Does anyone knows what is "PDS unit" ?
|> >>I'm in Toronto.
|> >
|> >Do remember the context in which it was used? It could be something official
|> >like "Police Dog Search" unit. But police also use official sounding talk
|> >for their little jokes like NHI is No Humans Involved, meaning the people
|> >involved weren't the kind of people most people would hang around. If
|> >that's the case, it PDS unit could be the drunk wagon or "Publicly Drunk &
|> >Stupid". I'm just guessing though. I used to be a dispatcher and even then
|> >it's hard to keep up with all thelingo floating around. Do you remember the
|> >context?
|>
|> As far as I remember these units aren't call on regular car accidents or
|> simple stuff. I think the phrases:
|> "Do you need any PDS units over there"? or
|> "I will be sending a PDS units to this location..."
|> were used when something really happens. Police Dog Search(?) is quite
|> possible, I think. I'll try to catch some more cases!
|>

I would tend to think if it was a 'police dog search' the
sentence would go more like 'do you need A PDS unit over there'.
Around here (Dayton oh usa) your lucky to get one dog to
show up.

Maybe PDS stands for 'Police Donut Service'. just a guess.

jmf

3097. Re: Wanted: R7000/R7100

Newsgroup: rec.radio.scanner
Date: 1994-10-01 16:02:42 UTC
From: Ken Terry <ken_terry@macmail.eng.gulfaero.com>
Message-ID: <36k172INNk5c@gulfaero.com>
Source record: 267968
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner

>I wouuld like to purchase and ICOM R7000 or R7100.

Do you know if the 7100 can receive the NOAA APT/AVHRR signals with success? I am not familiar with the bandwith on this unit, satellite signals need to be received within a specific bandwith. Looking into recommending this unit to a friend that wants to receive APT/AVHRR signals without the cost of the R9000.

Thanks
Ken
ken_terry@macmail.eng.gulfaero.com

3098. Re: 2 way radio programming

Newsgroup: rec.radio.scanner
Date: 1994-10-01 16:37:31 UTC
From: agardk@iia.org
Message-ID: <jrNZke-O3FW7071yn@iia.org>
Source record: 267971

In article <27614SNCITCYUICIDTM@inferno.com>, vector@inferno.com wrote:

> as far as programming icom's goes, if it's an H16 or U16, it's very
> easy...

IF it's an older ICOM or a newer one that has been mod'd. Remember that some dealers don't automatically "open" the programing capabilities, This is especially true of someone who seems less than knowledgeable at land-mobile or GMRS uses. I a gut comes in and says I want a radio on such and such freqs and never mentions anything else......

I know my supplier will only do it for public safety personnel and the media.

++
Kevin M. Agard, BS, EMT-P Hoboken, NJ
++
Director | Senior Clinical Instructor
Emergency Medical Training Associates| Hudson County EMS Training Center
agardk@iia.org | 71035.2365@compuserve.com
kevin.agard@runningb.com | Fido: 1:2604/511.1 RIME: ->3
==========

3099. Re: Snowbird freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-01 16:42:36 UTC
From: jmscamar@titan.ucs.umass.edu
Message-ID: <36k3hs$30v@nic.umass.edu>
Source record: 267972

Allen Currin (allen@tricetv.ColumbiaSC.NCR.COM) wrote:

: Does anyone have freqs for the Snowbirds? They are performing in Florence, SC
: soon and I thought I might take my 2006 with me.

When I monitored The Snowbirds on all published frequencies I found no
activity (Westover Air Show 8/27-28). They did, however, broadcast
their communications over the airshow p.a, which was great since I was
too busy photographing to do freq search anyway.

By the way, their performance was very impressive!

Regards,
--
---------- "Reservations are the condoms in the birth of new ideas" ---------
- T. "Twiggy" Rathbone; Chairman, Managing Director of RatHouse International-
*** Joe Scamardella at RatHouse International/ jmscamar@titan.ucs.umass.edu ***

3100. Re: Chicago/Illinois info wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-01 16:52:55 UTC
From: dbarkley@sun1.iusb.indiana.edu
Message-ID: <Cx06w7.4J4@sun2.iusb.indiana.edu>
Source record: 267880

>I'll be spending several days in Chicago next month and want to take a scanner
>along. What's the law situation regarding scanner use and transport in
>Illinois? I've got my amateur license, if it makes a difference.

Isn't your licence a federal document? It would seem that no state can
overrule it's privilages.

Barkley

3101. Re: RadioMap service expands into OH, PA, MO (and IL, IN, MI,

Newsgroup: rec.radio.scanner
Date: 1994-10-01 17:01:21 UTC
From: glr@ripco.com
Message-ID: <Cx07AA.oB@rci.ripco.com>
Source record: 267974
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc,sci.electronics.repair

Kenneth E. Harker (Kenneth.E.Harker@Dartmouth.Edu) wrote:
: This is a blatant commercial advertisement and has no place on the
: USENET. Please do not support the encroachment of commercialism and
: junk mail on the newsgroups.

I think his idea is pretty cool... unique... and I like reading about it,
blantently commercial or not.

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for catalog on privacy & surveillance.
KEVIN MITNICK DISGUISE KIT: From your fax: (708) 356-9646 doc #903
email for uuencoded .TIF of T-Shirt Honoring the FBI

3102. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-10-01 17:14:35 UTC
From: hughem@netcom.com
Message-ID: <hughemCx07wB.3GC@netcom.com>
Source record: 267953

There seems to be a lot of Radio Shack bashing on this newsgroup. I have a few comments:

The RS in my area seems to have what I need when I need it in a hurry. Their hours are longer than the more technically inclined electronics suppliers. There are mis-informed sales persons in every type of store. Since there is so much more to know about electronics, and it is much less obvious than, say, pool tables, there will be more mis-informed sales persons in electronics stores. If RS hired real EEs you couldn't afford anything in there (and they wouldn't be less mis-informed, just more convencing).

my $.02

hughem@netcom.com

3103. Re: PRO-39 Mod Please (by e-mail)

Newsgroup: rec.radio.scanner
Date: 1994-10-01 18:01:54 UTC
From: brgrant@aloha.com
Message-ID: <36k86i$ft8@mango.aloha.com>
Source record: 267887

basura_br@swam1 wrote:
: Hello,

: Would someone be kind enough to send me the mod's for a PRO-39. I don't have
: access to FTP so I am unable to get them myself.

: Thanks,
: Brian

: basura_br@swam1.enet.dec.com

I have just got one of these myself and I too would be interested in
getting the mods.

Brian.

--
\|/ ____ \|/ Never drive faster than your gardian angle can fly.
@~/ ,. \~@ =-=
/_(_ /)_\ Brian Grant 1D FB 7B E0 B8 D3 2B 51 E1 89 41 A1 C2 5D D2 64
__U_/ brgrant@aloha.com PGP key on server

3104. Springfield, MO freqs to share, again...

Newsgroup: rec.radio.scanner
Date: 1994-10-01 18:16:03 UTC
From: shawn4sk1@aol.com
Message-ID: <36k913$oc4@newsbf01.news.aol.com>
Source record: 267889

Once again I'm posting to the group to try and find people who live in or around Springfield, MO that want to share freqs they've found. So far I've met up with two others and between us we have QUITE a list. We're down to the point where the one's that we need now are the harder to find ones. If you're interested, regardless of what you have, E-mail me at soliver@ozarks.sgcl.lib.mo.us and we'll see what we can share...

:-)

PS- do not mail anything to shawn4sk1@aol.com- I won't see it...

3105. Re: Detecting scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-01 18:22:20 UTC
From: mulligan@ACM.ORG
Message-ID: <36k9cs$f09@hopper.acm.org>
Source record: 267890

The PRO-43 is just as detectable as the PRO-41, but its I.F. and local oscillator layout is a bit more complex:

Loc Osc I.F.
1) 640.0-1609.6 608.0-611.2
2) 559.5- 562.7 48.5
3) 48.045 455kHz

The first loc osc is incremented in 3.2 MHz steps as you tune up the band, and the second L.O. tunes within the resulting 3.2 MHz range. For a given received frequency, the 1st L.O. frequency is:

= 611.2 + 3.2 * int[RcvFrq/3.2]

i.e. divide the received freq. by 3.2, take the integer portion and multiply by 3.2, and add 611.2. The second L.O. is outside the range of your PRO-2006 and the third is the same as used in the 2006 (which just receives itself if you try to tune 48.045).

The chuffing noise is the target scanner's local osc passing through the frequency you're watching. If the target stops on the specific freq you'll hear an open carrier noise from the monitoring receiver. The occurance of the scanning ("chuffing") noise on the cordless band offset after you turned off the target scanner was probably a phone in standby mode, checking all ten channels for a signal.
/* barry /&

3106. Re: The Radio Spectrum - 3rd Revision

Newsgroup: rec.radio.scanner
Date: 1994-10-01 19:13:42 UTC
From: wbloss@delphi.com
Message-ID: <h6-WgLm.wbloss@delphi.com>
Source record: 267888

Berton Corson <g9153402@huey.csun.edu> writes:

>894 - 896 Aeronautical telephones (handsets).
> Note: In scanning airplane telephones, you
> will usually do better listening to the handset
> frequencies, instead of the tower frequencies,
> unless you are very near a ground transmitter.
> But, in any event, call traffic heard on handset
> frequencies is very scant.

For what it is worrth...
HHere near Kansas Cty this band is very busy during "prime flying
hours", and fairly busy elsewise. "Handset freq" is a bit misleading,
there is another freq for handset to aircraft (ie "intra aircraft),
butthis 894-896 range is a fairly high power xmtr in the aircraft, it is
not directly from the handset in the seat. Very much traffic on
a regular basis.

Thanks for your efforts

Wally Bloss
WB0BAV
A Human

3107. Re: SCA Receiver Source

Newsgroup: rec.radio.scanner
Date: 1994-10-01 19:24:07 UTC
From: dra@pipeline.com
Message-ID: <36kd0n$oi7@pipe4.pipeline.com>
Source record: 267954

Reza@cerf.net (Reza Pourzia) wrote:

>
>Could anyone please refer me to a source for a SCA
>receiver.

Get in touch with Bruce Elving - 241 Anderson Rd., Esko, MN
55733-8413. Phone 218-879-7676.

<<DRA>>

3108. 300 Ohm to 50 Ohm Balun Design

Newsgroup: rec.radio.scanner
Date: 1994-10-01 19:39:11 UTC
From: dcomer@dmcmicro.win.net
Message-ID: <32@dmcmicro.win.net>
Source record: 267952

Does anyone have a 300 Ohm to 50 Ohm balun or transmatch design they'd be willing to share? Alternativley, is the a source for such a beast? I am attemption to match a 300 Ohm VHF/UHF attena to my scanner.

Thanks,

Dave Comer

3109. Looking for Pro-43 Mods

Newsgroup: rec.radio.scanner
Date: 1994-10-01 19:44:22 UTC
From: fever@winternet.com
Message-ID: <36ke6m$os0@blackice.winternet.com>
Source record: 267955

If anyone has any modifications for the Pro-43, I'd appreciate it if you could post or email them to me...

Thanks...

3110. Frequencies for Frankfurt Airport

Newsgroup: rec.radio.scanner
Date: 1994-10-01 19:46:01 UTC
From: "David L. Bernstein" <73717.2464@CompuServe.COM>
Message-ID: <36ke9qsbi1@mhade.production.compuserve.com>
Source record: 267956
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone have a list of frequencies for the airport in Frankfurt, Germany? Also, any other interesting frequencies for the area from Frankfurt to Dusseldorf (Rhineland) would be appreciated.

Thanks!!

--- David

--

- "Sometimes there just aren't enough rocks." -
- - Forrest Gump -

3111. BC200 Batt PAck

Newsgroup: rec.radio.scanner
Date: 1994-10-01 19:53:00 UTC
From: Rick.Duncan@f239.n109.z1.fidonet.org
Message-ID: <f87_9410011545@blkcat.fidonet.org>
Source record: 267963

I have a BC200XLT with a Metro West Battery Pack. Well after two years
of constant use the pack seems to have developed a bad cell.
Unfortunately I've not been able to determine how to open the pack
without major hacking and cutting. I would appreciate knowing if there
is any way to enter this thing to replace said battery cell.

I hate to spend $$$ without at least attempting to repair it.

* SLMR 2.1a * "Tourist Season" : When it's OK to shoot them.

Fidonet: Rick Duncan 1:109/239
Internet: Rick.Duncan@f239.n109.z1.fidonet.org

3112. TRANSAM: Scanner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-01 20:55:52 UTC
From: rfunk@ssr.hp.com
Message-ID: <Cx0I55.275@metrics.com>
Source record: 267957
Cross-posted to: rec.autos.sport.info,rec.autos.sport.misc,rec.radio.scanner

Here are the scanner frequencies I was able to verify at
the Dallas Grand Prix 16,17,18 September 1994
The superior (and loud) PA system and very good announcing almost
negated the need for a scanner!

SCCA Corner Workers: 464.425 (I rarely hear them any more at
their old 151.625)

Race Control: 469.925

PRIME Director: 455.675 All the live interviews
sometimes race announcing (but not always???)
sometimes directors calling the shots

WORLD CHALLENGE
488.5625 Mauro Baldi #70 Porsche 911

TRANSAM
468.9750 Ron Fellows #4
469.8500 Dorsey Schroeder #12
466.8875 Jon Gooding #16
468.3500 Brian Semo #22 (Previously Boris Said)
460.1875 Paul Gentilozzi #28
465.8250 Bruce Barkelew #71
463.5125 Ray Kong #87
467.3875 Tim McAdam #94

I never could find Scott Pruett, Jack Baldwin, or Tom Kendall at all,
nor did I find any hints of them being there, but scrambled

3113. Re: The Radio Spectrum - 3rd Revision

Newsgroup: rec.radio.scanner
Date: 1994-10-01 21:03:37 UTC
From: g9153402@huey.csun.edu
Message-ID: <36kir9$ci4@nic-nac.CSU.net>
Source record: 267958

Subject: Re: The Radio Spectrum - 3rd Revision
Newsgroups: rec.radio.scanner
References: <36ia1a$fuf@nic-nac.CSU.net> <h6-WgLm.wbloss@delphi.com>
Organization: None
Distribution:
X-Newsreader: TIN [version 1.2 PL2]

Subject: Re: The Radio Spectrum - 3rd Revision
Newsgroups: rec.radio.scanner
References: <36ia1a$fuf@nic-nac.CSU.net> <h6-WgLm.wbloss@delphi.com>
Organization: None
Distribution:
X-Newsreader: TIN [version 1.2 PL2]

wbloss@delphi.com wrote:
> Berton Corson <g9153402@huey.csun.edu> writes:
>
> >894 - 896 Aeronautical telephones (handsets).
> > Note: In scanning airplane telephones, you
> > will usually do better listening to the handset
> > frequencies, instead of the tower frequencies,
> > unless you are very near a ground transmitter.
> > But, in any event, call traffic heard on handset
> > frequencies is very scant.
>
For what it is worrth...
Here near Kansas Cty this band is very busy during "prime flying
hours", and fairly busy elsewise. "Handset freq" is a bit misleading,
here is another freq for handset to aircraft (ie "intra aircraft),
butthis 894-896 range is a fairly high power xmtr in the aircraft, it is
not directly from the handset in the seat. Very much traffic on
a regular basis.
>
> Thanks for your efforts
>
> Wally Bloss
> WB0BAV
> A Human

O.K. Thanks again.
But in my area (the San Fernando Valley) there is very little commercial
aircraft that is just 'flying over and not stopping' to listen to
air-phone calls. I think I've heard just one air call since I've owned
my scanner. Cellular, though, people just don't stop chatting...

3114. Re: question about elderly PRO-2004

Newsgroup: rec.radio.scanner
Date: 1994-10-01 21:10:28 UTC
From: g9153402@huey.csun.edu
Message-ID: <36kj84$ci4@nic-nac.CSU.net>
Source record: 267959

Larry Spence (lfs@netcom.com) wrote:
> I saw a slightly grungy PRO-2004 scanner for a decent price in a pawn
> shop yesterday. The keypad seemed a little low-budget to me, but it's
> supposed to be a good scanner from what I've read. However, the one
> thing that didn't appear to work was the "." key! In other words, when
> I'd try to key in 162.55 it would read it as 1625 (max of 4 digits
> left of decimal point). Also, there was no beep when I hit the "." key
> (but the key action felt OK). Are my habits with my cheap little 855XLT
> blinding me as to how to key in a freq on the 2004? If that's not the
> case, what are the odds that I can still get a replacement keypad (and
> would I have to be Superman to replace it?)? I wouldn't bother, but the
> files on oak with all those 2004 mods make it tempting... %)

> Please email, as netcom's news feed is rather sluggish at the moment.
> If there's interest, I can post any info I get. Thanks.

> --
> Larry Spence (lfs@netcom.com)

just guessing here, but on my 2006, I enter MANUAL <channel number> PROGRAM
<frequency> ENTER to put in a frequency. If you don't enter PROGRAM
the scanner is just expecting a channel number, which naturally can't have
a decimal point in it, so it won't beep when pressed.

3115. Re: Scanning in Europe

Newsgroup: rec.radio.scanner
Date: 1994-10-01 21:18:00 UTC
From: e90gl@efd.lth.se
Message-ID: <36kjm8$hog@nic.lth.se>
Source record: 267960

In article <1994Sep30.130016.26810@dde.dk> phn@dde.dk (Per H. Nielsen) writes:
>saidji@eig.unige.ch writes:
>
>>I want to buy a second hand scanner!
>>I'll use it in Europe!
>>BUt some1 told me that if I buy a US scanner it wont work in Europe
>>cause the frequency spacing arent the same.
>>Is it true ??
>>if yes, does a mod exist to adapt the scanner?
>
>>thanx for support saidji@eig.unige.ch
>
>The most important issue is what bands the scanner covers.
>Scanners that do not have continous coverage usually have 30-54 Mhz
>coverage in the US version and 66-88 Mhz in the European version.
>Although some of the scanners can be modified for European coverage
>or vice versa by just clipping a diode, the RF front end usually
>is not optimized for the different band. The 66-80 Mhz range
>is heavily used in Europe. In Denmark you find police and fire
>in this range.
>
>Channel spacing usually is not a problem. If the scanner steps
>30 khz in the cellular bands it might be a problem as most
>European countries use 25 or 12.5 khz spacing. If you can
>select another step size on the scanner you will have no problems.
>
>
>

If you consider a table model also think about the US use 110volts (or close)
and europe 230volts and different plugs (ac-outlets) ((eng????)).

>--
>Per H. Nielsen Telephone: Int +45 42 84 50 11
>Basic Applications Fax: Int +45 42 84 52 20
>Dansk Data Elektronik A/S, Herlev, Denmark E-mail: phn@dde.dk

Wooh!!! The first dane in the group i've ever seen. :-)

Tell me what is the legal aspects of scanning in denmark. Roumors have told
me that it is ilegal but i am not shure if it's only the police transmissions
or scanning in general.

But ..... since i live in south sweden (scanning everything comletely legal)
close to denmark and radiowaves don't care about borders i can safely listen
in to the Copenhagen police. The 84 MHz suff semed to be a little oldish

with no tones, so instead the guy whistled to raise atention every time before calling a new unit. It was quit amusing to hear. (This was some years ago and the may have replaced the equipment and/or moved all operation to the 400 bands).

--
Goeran Lowe e90gl@efd.lth.se

3116. Palm Springs area Freq.?

Newsgroup: rec.radio.scanner
Date: 1994-10-01 21:22:37 UTC
From: hancock@access.mbnet.mb.ca
Message-ID: <36kjut$mqq@canopus.cc.umanitoba.ca>
Source record: 267891

I'm planning a trip to Palm Springs and was wondering if anyone could provide me with freq.'s for police, fire, etc. or info on where to obtain them.

Also, being from Canada am I likely to encounter any problems at U.S. customs or Canadian customs taking my Pro-43 with me? Any one experienced any problems taking their scanner to U.S. or Canada?

Thanks,
Paul.

--

Paul Hancock
Winnipeg, Manitoba
Canada

3117. Re: Detecting scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-01 21:51:12 UTC
From: dusty@svpal.org
Message-ID: <36klkg$6c8@svpal.svpal.org>
Source record: 267885

Ken Navarre (kjn@netcom.com) wrote:

: Why does a scanner tuned to 46 - 49 Mhz make someone a SCANNER SCUM
: while the same receiver tuned to 54 Mhz make one a TV hobbyist? If you're
: Yak, yak, yak, yak, yak, Etc.

Hey Bud,
You ever here of sarcasm? Guy makes a comment with his tongue in his
cheek and the whole newsgroup gets a oration. Lighten up, life's too
short!
Dusty (let the flames roll) Van

3118. Re: Help in buying a scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-01 22:15:56 UTC
From: jnormandin@umassd.edu
Message-ID: <Cx0Lun.9Ax@umassd.edu>
Source record: 267962

In article <19940927.041413.808@almaden.ibm.com>, rcampanile@VNET.IBM.COM writes:
> I am looking to buy a new handheld scanner. Can any Bearcat and Radio
>Shack owners recommend some models I should be looking for?I would like
>a unit with as many usefull features as possible as well as a wide
>receiving frequency range. Any pros and cons on the unit you own or any
>info will be appreciated. You can Email me at rcampanile@vnet.ibm.com.
>Thanks in advance.
>
>
>
>Rich
I own an AOR AR1500 handheld scanner. It's a wide range monitor and covers .500
to 1300Mhz. Complete... nothing is blocked out. Including cellular. It's
funny, i picked up this monitor to pull in WEFAX signals, but it does do a lot more.
I had to make a funky antennea for the LW & SW Bands because a local AM
radio station is overmodulating and saturating the front emd. I only have a
problem when I'm listening to SW.. and this radio has a bfo!

I buily up a filter for the antennea... it works great. I even heard the
activity in Haiti .. and I'm in Massachusetts!

3119. NYPD Communications Question ?

Newsgroup: rec.radio.scanner
Date: 1994-10-01 22:50:08 UTC
From: ligosa@pipeline.com
Message-ID: <36kp30$l8r@pipe3.pipeline.com>
Source record: 267964

Does anyone know where I can get some detailed specific info.
on the NYPD Communications system.

I am specifically interested in finding out the " INPUT"freq's
to the repaeter freq's we all monitor. The actual freq's that
the portable radios transmit on Etc.

Thanks....

PS, I already have Scanner Master.

Email - ligosa@pipeline.com

3120. Re: Secret Service Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-10-01 23:12:00 UTC
From: aplew@pipeline.com
Message-ID: <36kqc0$slj@pipe4.pipeline.com>
Source record: 267965

chris@pipeline.com (Chris Matus) wrote:

>
>A while back someone posted a listing of Secret Service
>frequencies.
>If anybody has them, please repost. Thought they might
>be interesting while Clinton is in town. Thanks.

Forget listening to the Service on a presidential, they go
encrypted. Try NYPD.

3121. The Radio Spectrum

Newsgroup: rec.radio.scanner
Date: 1994-10-02 02:44:14 UTC
From: g9153402@huey.csun.edu
Message-ID: <36l6pu$t7p@nic-nac.CSU.net>
Source record: 267970
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Well, here I go again. A couple more minor changes made to this guide...
Berton Corson
Northridge, California

THE RADIO SPECTRUM

This is an approximate look, to help in searching frequencies on a scanner or shortwave radio. Just be aware, having the right frequency may not be enough, in tuning to a certain frequency. The time of day, atmospheric conditions, location, mode you're in (AM, SSB, Narrowband FM, Wideband FM, etc.), and your equipment, are also equally important. You'll find most transmissions are broadcasted in Narrow-band FM. Some main exceptions are shortwave (AM & SSB), commercial AM radio (AM), commercial FM radio (Wideband FM), television (Wideband FM), citizens band radio (AM & SSB), aeronautical communications (mostly AM), and some military VHF/UHF (Wideband FM). Most all scanners will pick a default mode for you, depending on what frequency band you are in. But many scanners also let you manually switch between modes (AM, FM, etc.) and frequency search spacing (5 khz, 12.5 khz, etc.) if the default modes are not correct. Happy Listening!!!

FREQUENCY USES/SERVICES
(in Megahertz unless
otherwise indicated)
---

10 - 150 khz Military/government, submarine
(.01 - .15 MHz) communications.

150 - 535 khz Longwave Band, beacons, foreign broadcasts,
(.15 - .535 MHz) maritime.

535 - 1700 khz Your standard AM radio dial.
(.535 - 1.7 MHz)

1.7 - 30 Shortwave/High Frequency Band. Broadcasting,
two-way government, military and commercial
communications, amateur radio, CB radio (approx.
27 MHz), others.
Shortwave - Approx. Range Meter Band
1.8 - 2.0 160*
2.3 - 2.495 120
3.2 - 3.4 90
3.5 - 4.0 80*

3.9 - 4.0 75
4.75 - 5.06 60
5.9 - 6.2 49
7.0 - 7.3 40*
7.1 - 7.35 41
9.4 - 9.9 31
10.1 - 10.15 30*
11.6 - 12.1 25
13.57 - 13.87 22
14.0 - 14.35 20*
15.1 - 15.8 19
18.068 - 18.168 17*
17.48 - 17.9 16
18.9 - 19.02 15
21.0 - 21.45 15*
21.45 - 21.75 13
24.89 - 24.99 12*
25.6 - 26.1 11
28.0 - 29.7 10*
(In general, the lower shortwave frequencies
<higher meter band> are received better during
the night, while higher frequencies are re-
ceived better during the day. There are also
some amateur radio bands between many of these
shortwave bands(*). Consult a shortwave guide
for more detailed information.)

30 - 50 Very High Frequency Band. Government, business,
walkie-talkies. Also, cordless phones and
'baby monitors' found about 46 - 49 MHz.

50 - 54 Amateur radio 6 meter band.

54 - 72 TV Channels 2-4.
Channel 2 Audio (Wideband FM) 59.75
Channel 3 Audio (Wideband FM) 65.75
Channel 4 Audio (Wideband FM) 71.75

72 - 76 Manufacturing, remote control, eavesdropping
bugs, etc.

76 - 88 TV Channels 5-6.
Channel 5 Audio (Wideband FM) 81.75
Channel 6 Audio (Wideband FM) 87.75

88 - 108 Your standard FM radio dial.

108 - 136 Aeronautical communications (AM).

136 - 138 Satellites.

138 - 144 Military communications.

144 - 148 Amateur radio 2 meter band.

148 - 150.8 Military use.

150.8 - 174 Business, highway, law enforcement, government, weather, maritime.

174 - 216 TV Channels 7-13.
Channel 7 Audio (Wideband FM) 179.75
Channel 8 Audio (Wideband FM) 185.75
Channel 9 Audio (Wideband FM) 191.75
Channel 10 Audio (Wideband FM) 197.75
Channel 11 Audio (Wideband FM) 203.75
Channel 12 Audio (Wideband FM) 209.75
Channel 13 Audio (Wideband FM) 215.75

216 - 220 Maritime and aeronautical.

220 - 222 Land mobile communications.

222 - 225 Amateur radio.

225 - 400 Military aviation and space.

400 - 406 Military and government.

406 - 420 U.S. Government.

420 - 450 Amateur radio.

450 - 470 Ultra High Frequency Band. Business, industry, military, fire, government.

470 - 512 TV Channels 14-20, shared with law enforcement.

512 - 824 TV Channels 21-69, others.

824 - 849 Cellular telephones (receivers/handsets).

849 - 851 Aeronautical telephones (ground-based towers).

851 - 866 Business, public safety, trunked systems.

866 - 869 Public safety, law enforcement, trunked systems.

869 - 894 Cellular telephones (towers).
Note: Even though listening to cellular telephone calls is technically illegal in the United States, one will usually do better listening to calls on the tower frequencies, as opposed to the handset frequencies. This is because most cellular phones transmit less than one-watt of output. So unless the cellular phone is very close to you, you will have much more luck scanning the more powerful towers, which transmit/receive for each cell site.

894 - 896 Aeronautical telephones (handsets).
Note: In scanning airplane telephones, you
will usually do better listening to the handset
frequencies, instead of the tower frequencies,
unless you are very near a ground transmitter.
But, in any event, call traffic heard on handset
frequencies (which are transmitted from a high-
powered transmitter on the aircraft) you may
hear nothing at all, or many conversations, de-
pending on your location and time of day.

896 - 901 Private land mobil units.

902 - 928 Land mobile, amateur radio, personal communi-
cation units, cordless telephones.

928 - 932 Radio paging.

935 - 940 Business radio.

941 - 944 Government and non-government fixed services.

944 - 952 Broadcasters' studio-to-transmitter links.

952 - 960 Private fixed services, paging.

960 - 1240 Aeronautical navigation.

1240 - 1300 Amateur radio.

1300 - 1350 Aeronautical navigation.

1350 - 1400 Radio location.

1400 - 1427 Radio astronomy.

1427 - 1429 Point-to-point, mobile, space.

1429 - 1660.5 Various satellite transmission uses.

1660.5 - 1668.4 Radio astronomy.

1668.4 - 1700 Meteorological aids.

1700 - 1850 Meteorological satellites, U.S. Government.

1850 - 1990 Fixed point-to-point, microwave.

1990 - 2110 Broadcast studio-to-transmitter links.

(end)

3122. Re: RadioMap service expands into OH, PA, MO (and IL, IN, MI,

Newsgroup: rec.radio.scanner
Date: 1994-10-02 03:41:31 UTC
From: josephl@clark.net
Message-ID: <36la5b$6ti@clarknet.clark.net>
Source record: 267892
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc,sci.electronics.repair

Kenneth E. Harker (Kenneth.E.Harker@Dartmouth.Edu) wrote:
: This is a blatant commercial advertisement

IT S NOT YOU SHIT HEAD!

3123. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-10-02 04:11:45 UTC
From: wbishop@netcom.com
Message-ID: <wbishopCx12BM.MH3@netcom.com>
Source record: 267973

Tried that diode on D4. Didnt work. Well, the burglars got
my modified Pro-43 in August.. The nice insurance co.'s direct replacement
Pro-43 has an 'A' in the serial number. I wish to thank them....
<burp>

That Bearcat Sportscan is a double convertion unit, and you can pick up
the 2nd harmonic of cellular clear as day with no mods to it. Same thing
about the RS Pro- 2032, which I demonstrated to a surprised manager. I
used
a brand new 2032 right out of the box to tune in the 2nd harmonic of
cellular clear as day.
Triple Convertion units wont do this, though....

--
Chinchilla Bill - New and Improved - Now comes with 2 chinchillas!
San Jose, California wbishop@caere.com

3124. LesComm DataTone squelch

Newsgroup: rec.radio.scanner
Date: 1994-10-02 04:22:35 UTC
From: baxter@kuhub.cc.ukans.edu
Message-ID: <1994Oct1.232235.73861@kuhub.cc.ukans.edu>
Source record: 267875

Several of the surburban police departments in Kansas City have apparently bought new GE trunked radio systems. They are running with 5 to 10 channels with channel changes with each transmission. This would not normally be any problem, but the GE system holds the carrier on for 4-5 seconds after each transmission, and sends a few beeps. According to a source, this is just for nuisance value as an anti-scanner feature, to keep listeners from hearing complete calls.

A company called LesComm apparently sells several devices, one called a Data Tone squelch, and another called GEScan and GEScanII. Has anyone experience with these devices? Do they work? Do they allow the scanner to resume scanning after the squelch tail from the voice transmission, bypassing these annoying tones?

Thanks to anyone that can give their experiences with these add-on devices.

3125. Re: Detecting scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-02 04:28:49 UTC
From: sternk@alumni.cs.colorado.edu
Message-ID: <36lcu1$o25@csnews.cs.Colorado.EDU>
Source record: 267899
Body handling: HTML body converted to readable text

In article <36k9cs$f09@hopper.acm.org>,
F. Barry Mulligan wrote:
< The PRO-43 is just as detectable as the PRO-41, but its I.F. and local

3126. Re: Snowbird freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-02 04:53:30 UTC
From: tharrell@opus.nmsu.edu
Message-ID: <36leca$7ii@dns1.NMSU.Edu>
Source record: 267877

Joseph M. Scamardella at RatHouse International (jmscamar@titan.ucs.umass.edu) wrote:
: Allen Currin (allen@tricetv.ColumbiaSC.NCR.COM) wrote:
: : Does anyone have freqs for the Snowbirds? They are performing
: : in Florence, SC soon and I thought I might take my 2006 with me.

: When I monitored The Snowbirds on all published frequencies I found no
: activity (Westover Air Show 8/27-28). They did, however, broadcast
: their communications over the airshow p.a, which was great since I was
: too busy photographing to do freq search anyway.

I monitored them today on all the frequencies I could find, but I also found
no activity. Their comms were also broadcast over the pa system.

--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\--/

3127. wtd SF database of freq

Newsgroup: rec.radio.scanner
Date: 1994-10-02 04:54:01 UTC
From: bruceg8846@aol.com
Message-ID: <36led9$3up@newsbf01.news.aol.com>
Source record: 267876

want a good database of SF CA frequencies other than public service// on floppy or cd or microfiche

3128. PRO 2006 Scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-02 05:18:00 UTC
From: rpowell@gulf.net
Message-ID: <36lfq8$qmh@marlin.gulf.net>
Source record: 267878

I have access to several PRO-2006 scanners at $349.99. If interested
send mail.

3129. Re: RadioMap service expands into OH, PA, MO (and IL, IN, MI,

Newsgroup: rec.radio.scanner
Date: 1994-10-02 06:04:02 UTC
From: tcj@netcom.com
Message-ID: <tcjCx17Iq.Hrt@netcom.com>
Source record: 267882
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

Kenneth E. Harker (Kenneth.E.Harker@Dartmouth.Edu) writes:

> [Bob Parnass' RadioMap posting] is a blatant commercial
> advertisement and has no place on the USENET.

IMHO Bob's posting was probably of general interest to most readers of the groups to which it was posted, and as such was within the usage guidelines for those groups. Furthermore, Bob is one of a very small handful of people whose postings to the "rec.radio" groups are of consistently high quality; check out his monthly scanner FAQ in "rec.radio.info" as an example.

If I may be so bold as to offer a bit of friendly advice, take care when flaming the folks who raise the S/N ratio in these groups lest you find the flamethrowers taking aim at you....

Todd, KB6JXT

3130. Re: WANTED: DTFM Decoder

Newsgroup: rec.radio.scanner
Date: 1994-10-02 06:15:42 UTC
From: schumann@crl.com
Message-ID: <36lj6e$pti@crl4.crl.com>
Source record: 267879

worlord@aceinfo.com wrote:

: Hello,
: I'am looking for a DTFM Decoder circuit/box for my Pro-2006.
: Does anybody know where I could get one?

: Later
: Eric

Look into the OptoElectronics products. I opted for the OS456 board and
it handles DTMF v.well. After using the product for only a short while,
I like it immensely.

James Schumann, KE6DMY
schumann@crl.com
KE6DMY @N6EEG.#NOCAL.CA.USA.NOAM

--finger for PGP

3131. WWW ham - now! Calif municipal freqs!

Newsgroup: rec.radio.scanner
Date: 1994-10-02 06:44:13 UTC
From: msattler@jungle.com
Message-ID: <36lkrt$ht5@lard.ftp.com>
Source record: 267881
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

In article <36j4cn$cai@lard.ftp.com>
msattler@jungle.com (Michael Sattler, San Francisco) writes:

> http://www.wco.ftp.com/~msattler/ham-radio/ham.html

By the time you read this, I'll have added a database of all the
municipal frequencies (police, fire, ems) in California, sorted by town
name, to this page. Enjoy!

_/_/_/

3132. Re: Frequencies for Frankfurt Airport

Newsgroup: rec.radio.scanner
Date: 1994-10-02 06:57:39 UTC
From: msattler@jungle.com
Message-ID: <36lll3$ht5@lard.ftp.com>
Source record: 267883
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <36ke9qsbi1@mhade.production.compuserve.com>
David L. Bernstein <73717.2464@CompuServe.COM> writes:

> Does anyone have a list of frequencies for the airport in Frankfurt,
> Germany? Also, any other interesting frequencies for the area from
> Frankfurt to Dusseldorf (Rhineland) would be appreciated.

When I last flew thru Frankfurt and Dusseldorf (last year) with my
TH78, high-gain antenna, and related frobs, the security people nearly
had kittens. Thanks be that I was wearing a bright orange mountain
rescue t-shirt!

_/_/_/

3133. Re: wtd SF database of freq

Newsgroup: rec.radio.scanner
Date: 1994-10-02 07:05:02 UTC
From: msattler@jungle.com
Message-ID: <36lm2u$ht5@lard.ftp.com>
Source record: 267884

In article <36led9$3up@newsbf01.news.aol.com>
bruceg8846@aol.com (BruceG8846) writes:

> want a good database of SF CA frequencies other than public service// on
> floppy or cd or microfiche

At the risk of sounding like an AOL basher, I ask, what SF frequencies
are you thinking of? The repeaters are in the ARRL directory (even tho
the SFARC 145.150 repeater seems to be dead these days), and everything
else is municipal (which is what I assume you meant by "public
service"). In case it's not true, here's the list for you to copy onto
a floppy, tape to a CD, or print and fold to look like a microfiche :-)

San Francisco Bay Area Rapid Transit Dist. F1 Police
Operations 453.1500 Police San Francisco
San Francisco Bay Area Rapid Transit Dist. F3 Police
Surveillance 453.4250 Police San Francisco
San Francisco Bay Area Rapid Transit Dist. Fire Underground
(Radiax) 154.2950 Fire San Francisco
San Francisco San Francisco Sheriff F1 Civil
Transportation 488.8125 Police San Francisco
San Francisco San Francisco Sheriff F2 City Hall/City Jail
Operations 488.8125 Police San Francisco
San Francisco San Francisco Sheriff F3 Cty Jail/Court Security
Operations 488.6875 Police San Francisco
San Francisco San Francisco Sheriff F4 City Jail/Superior Court
Operations 488.8375 Police San Francisco
San Francisco CA Highway Patrol Pink Base Office #
32 42.4400 Kma962 Police
San Francisco CA Highway Patrol Pink Mobile Office #
32 42.7600 Ka4993 Police
San Francisco Community College Police Dispatch 154.5150 Police San
Francisco
San Francisco Davies Symphony Hall
Security Operations 453.6125 Police San Francisco
San Francisco King American Ambulance Medic
1-15 Dispatch 155.2800 Medical San Francisco
San Francisco Laguna Honda Hospital Dispatch 155.2200 Medical San
Francisco
San Francisco Letterman Army Medical Ctr. Dispatch 148.6750 Medical San
Francisco
San Francisco Library Security Operations 156.0000 Police San Francisco
San Francisco Mercy Peninsula Ambulance Dispatch 33.0800 Medical San
Francisco
San Francisco Mobile Assistance Patrol Dispatch 155.2200 Medical San

Francisco
San Francisco Mobile Assistance Patrol Dispatch 155.5500 Medical San
Francisco
San Francisco Mount Zion Hospital Mc Dispatch 151.6550 Medical San
Francisco
San Francisco Pacific Presbyterian Medical
Ctr. Dispatch 155.2200 Medical San Francisco
San Francisco Ralph K Davies Medical Ctr. Dispatch 155.2350 Medical San
Francisco
San Francisco S F Ballet Security Operations 464.5500 Police San
Francisco
San Francisco San Francisco Ambulance
(100) Dispatch 155.2950 Medical San Francisco
San Francisco San Francisco EMS F1 Medical Hospital Emergency
Region 155.3400 Medical San Francisco
San Francisco San Francisco EMS F2 Hospital Emergency
Local 155.3850 Medical San Francisco
San Francisco San Francisco EMS Laguna Honda Hospital
Paging 163.2500 Medical San Francisco
San Francisco San Francisco EMS Laguna Honda Hospital
Security 155.2200 Medical San Francisco
San Francisco San Francisco EMS Med 2 Twin Peaks 463.0250 Medical San
Francisco
San Francisco San Francisco EMS Med 6 City
Ambulance 463.1250 Medical San Francisco
San Francisco San Francisco EMS Med 8 City
Ambulance 463.1750 Medical San Francisco
San Francisco San Francisco EMS Med 9 City Ambulance
Dispatch 462.9500 Medical San Francisco
San Francisco San Francisco EMS Med 10 Private
Ambulance 462.9750 Medical San Francisco
San Francisco San Francisco EMS N Cal Emergency Medical
Aircraft 150.7750 Medical San Francisco
San Francisco San Francisco EMS N Cal Emergency Medical
Aircraft 150.7900 Medical San Francisco
San Francisco San Francisco EMS San Francisco General Hospital
Paging 462.9000 Medical San Francisco
San Francisco San Francisco EMS San Francisco General Hospital
Security 155.2200 Medical San Francisco
San Francisco San Francisco EMS San Francisco General Pat
Improvement 853.3125 Medical San Francisco
San Francisco San Francisco General
Hospital Dispatch 155.2200 Medical San Francisco
San Francisco San Francisco Public Health Dispatch 155.3850 Medical San
Francisco
San Francisco San Francisco Public Health Dept. Paramedic Division F1
City Ambulance Dispatch Primary 155.3850 Medical San Francisco
San Francisco San Francisco Public Health Dept. Paramedic Division F2
City Ambulance Dispatch Secondary 158.7600 Medical San Francisco
San Francisco San Francisco Fire F1 Downtown Division 1

Primary 488.3625 Fire San Francisco
San Francisco San Francisco Fire F1 Fire Mutual Aid 154.2800 Fire San Francisco
San Francisco San Francisco Fire F1 Fireground Tactical Limited 458.5500 Fire San Francisco
San Francisco San Francisco Fire F2 Coast Guard Liaison 157.1000 Fire San Francisco
San Francisco San Francisco Fire F2 Fireground Tactical Limited 458.6500 Fire San Francisco
San Francisco San Francisco Fire F2 Northwest Division 2 Primary 488.5625 Fire San Francisco
San Francisco San Francisco Fire F3 N-East S-West Division 3 Primary 488.7625 Fire San Francisco
San Francisco San Francisco Fire F3 Police Mutual Aid 154.9200 Fire San Francisco
San Francisco San Francisco Fire F4 Fireground Repeater 489.1625 Fire San Francisco
San Francisco San Francisco Fire F4 Public Health Liaison 155.3850 Fire San Francisco
San Francisco San Francisco Fire F5 Bart Underground 154.2950 Fire San Francisco
San Francisco San Francisco Fire F5 Citywide Fire Prevention 489.1875 Fire San Francisco
San Francisco San Francisco Fire F6 Fireground Mutual Aid 154.2950 Fire San Francisco
San Francisco San Francisco Fire F6 Mecs (Mayors Emerg Comm System) 489.1125 Fire San Francisco
San Francisco San Francisco Fire Fire Reserve Portables Red 153.8300 Fire San Francisco
San Francisco San Francisco Fire Fire Training Division 460.5875 Fire San Francisco
San Francisco San Francisco Fire Fireboat Phoenix/Port Authority 464.4625 Fire San Francisco
San Francisco San Francisco Fire Fireboats To Coast Guard 157.0500 Fire San Francisco
San Francisco San Francisco Fire Fireboats To Coast Guard 157.1000 Fire San Francisco
San Francisco San Francisco Fire Oes Area 154.2200 Fire San Francisco
San Francisco San Francisco Fire Oes D & C 153.7550 Fire San Francisco
San Francisco San Francisco Fire Oes State 154.1600 Fire San Francisco
San Francisco San FranciscoO Control Tower Primary 120.5000 Aircraft San Francisco
San Francisco San FranciscoO F1 Disaster Recovery San Francisco Fire 489.1125 Fire San Mateo
San Francisco San FranciscoO F1 Traffic Control Officers 860.4625 Police San Mateo
San Francisco San FranciscoO F2 Police Primary 859.4375 Police San Mateo
San Francisco San FranciscoO F2 San Mateo Sheriff 488.3875 Police San Mateo

San Francisco San FranciscoO F3 Fire & Crash 453.7750 Fire San Mateo
San Francisco San FranciscoO F3 Police Tactical 860.4375 Police San
Mateo
San Francisco San FranciscoO F3 San Mateo Sheriff 488.8875 Police San
Mateo
San Francisco San FranciscoO Fire Mutual Aid 154.2800 Fire San Mateo
San Francisco San Francisco Police A Task Force
Cache 460.1875 Kma438 Police San Francisco
San Francisco San Francisco Police B Task Force
Cache 460.2875 Kma438 Police San Francisco
San Francisco San Francisco Police C Task Force
Cache 460.3875 Kma438 Police San Francisco
San Francisco San Francisco Police D Task Force
Cache 460.4625 Kma438 Police San Francisco
San Francisco San Francisco Police E Task Force
Cache 460.4875 Kma438 Police San Francisco
San Francisco San Francisco Police F Task Force
Cache 460.5125 Kma438 Police San Francisco
San Francisco San Francisco Police F9 Police Mutual
Aid 460.0250 Kma438 Police San Francisco
San Francisco San Francisco Police G Task Force
Cache 465.1875 Kma438 Police San Francisco
San Francisco San Francisco Police H Task Force
Cache 465.2875 Kma438 Police San Francisco
San Francisco San Francisco Police I Task Force
Cache 465.3875 Kma438 Police San Francisco
San Francisco San Francisco Police J Task Force
Cache 465.4625 Kma438 Police San Francisco
San Francisco San Francisco Police K Task Force
Cache 465.4875 Kma438 Police San Francisco
San Francisco San Francisco Police L Task Force
Cache 465.5125 Kma438 Police San Francisco
San Francisco San Francisco Police Low Band 1 - Golden Gate Div.
Richmond/Ingleside/Taraval 45.1000 Kma438 Police San Francisco
San Francisco San Francisco Police Low Band 1 Potrero
Cars 45.4600 Kma438 Police San Francisco
San Francisco San Francisco Police Low Band 2 - Golden Gate Division
Potrero 45.1400 Kma438 Police San Francisco
San Francisco San Francisco Police Low Band 2 Ingelside Park Station
Cars 45.1400 Kma438 Police San Francisco
San Francisco San Francisco Police Low Band 3 - Central Southern
Cars 45.5800 Kma438 Police San Francisco
San Francisco San Francisco Police Low Band 3 - Metro Division
Central/Southern 45.5800 Kma438 Police San Francisco
San Francisco San Francisco Police Low Band 4 - Metro Division
Northern/Park 45.4600 Kma438 Police San Francisco
San Francisco San Francisco Police Pic Zone 1 -
Potrero/Richmond/Ingleside/Taraval/Park 460.2250 Kma438 Police San
Francisco
San Francisco San Francisco Police Pic Zone 1 Potrero-Ingelside

Dispatch 460.2250 Kma438 Police San Francisco
San Francisco San Francisco Police Pic Zone 2 - Mission Station
Dispatch 460.1250 Kma438 Police San Francisco
San Francisco San Francisco Police Pic Zone 2 -
Mission 460.1250 Kma438 Police San Francisco
San Francisco San Francisco Police Pic Zone 3 -
Central/Southern/Northern 460.5000 Kma438 Police San Francisco
San Francisco San Francisco Police Pic Zone 3 Central Southern
(Northern) Stations 460.5000 Kma438 Police San Francisco
San Francisco San Francisco Police Pic Zone 4 - Central
Northern/Park 460.0750 Kma438 Police San Francisco
San Francisco San Francisco Police Pic Zone 4 - Northern Dispatch
(Warrants) (Varies) 460.0750 Kma438 Police San Francisco
San Francisco San Francisco Police Pic Zone 5 - Tow &
Impound 460.4500 Kma438 Police San Francisco
San Francisco San Francisco Police Pic Zone 5 - Tow Channel (Special
Ops) 460.4500 Kma438 Police San Francisco
San Francisco San Francisco Police Pic Zone 6 - Tactical
Operations 460.3500 Kma438 Police San Francisco
San Francisco San Francisco Police Pic Zone 6 Northern Dispatch (Tow
Ch. Varies) 460.3500 Kma438 Police San Francisco
San Francisco San Francisco Police Pic Zone 7 - Special
Operations 460.5250 Kma438 Police San Francisco
San Francisco San Francisco Police Pic Zone 8 -
Records 460.5500 Kma438 Police San Francisco
San Francisco San Francisco Police Pic Zone 8 Warrant Check
(Varies-Special Ops) 460.5500 Kma438 Police San Francisco
San Francisco San Francisco Police Police
Academy 45.3000 Kma438 Police San Francisco
San Francisco San Francisco Police Special Police Officers
Assn 463.2500 Kma438 Police San Francisco
San Francisco Shriners Childrens Hospital Dispatch 155.2350 Medical San
Francisco
San Francisco St Francis Memorial
Hospital Dispatch 155.2200 Medical San Francisco
San Francisco St Lukes Humana Hospital Dispatch 155.2800 Medical San
Francisco
San Francisco St Marys Humana Hospital Mc Dispatch 155.2350 Medical San
Francisco
San Francisco U S Public Health Service Dispatch 155.2200 Medical San
Francisco
San Francisco Uc Hastings College Public Safety Primary
Dispatch 463.8500 Kna0632 Police San Francisco
San Francisco University Of Ca Medical
Ctr. Dispatch 155.2200 Medical San Francisco
San Francisco University Of Pacific Police 855.2375 Police San
Francisco
San Francisco University Of San Francisco F1 Operations
Security 463.4750 Police San Francisco
San Francisco Veterans Administration Dispatch 155.2200 Medical San

Francisco

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3134. pro 43 mods-text

Newsgroup: rec.radio.scanner
Date: 1994-10-02 07:25:10 UTC
From: jmk280@herald.usask.ca
Message-ID: <jmk280-021094012608@DialupNewsWatcher>
Source record: 267886

In article <36ke6m$os0@blackice.winternet.com>, fever@winternet.com (Fever) wrote:

> If anyone has any modifications for the Pro-43, I'd appreciate it if you could
> post or email them to me...
>

INSTRUCTIONS FOR RADIO SHACK PRO-43 CELLULAR RESTORATION
1. Remove the battery pack and cover.
2. Remove the four screws on back and GENTLY pry apart.
3. Remove the 6 silver screws from the 1st PC Board.
4. Remove solder from the ground pad and center feed conductor of the antenna directly under the antenna on the PC Board heat solder on top PC Board and center feed will loosen, this is the only really tricky part to this.
5. Disconnect the 2 plugs/wiring harness, make note of the color scheme for re-installing. Harness has 2-metal guides on the side....BE CAREFUL NOT TO PINCH WIRES.
6. Lift top board away from bottom, paying careful attention the black plug near the bottom of the assembly, gently pry this apart. DO NOT FORCE IT!
7. Remove 2-silver screws from the 2nd PC Board. (remember to replace on re-assembly)
8. Remove solder from the four points on the large silver shield covering the microprocessor board. Remove shield. Make sure to replace shield on re-assembly as this serves as protection from intermod and interference.
9. Near the bottom you will see a row of surface mount diodes (very small and square, approx 1/32" long, black with gray markings) These will be in locations marked D1, D2, D3, D4, D5. Some of the locations are blank.
10.Use a very low temp iron (15-watt) and the smallest solder wick available, remove the solder from both sides of D4. Use hemostats or needle nose (very small) to grip while de soldering. Remove diode D4.
11.Once D4 is removed you will have full 800 MHZ coverage and 30 KHZ spacing on cellular.
12.Save the diode you removed from the D4 position and install it in the D3 position being careful to make sure the diode is facing the same direction it was in the D4 position. This will increase the low band coverage from 30-50 to 30-88 Mhz.

13.Carefully re-assemble unit remembering to double check
before going on to next step.

USE THIS PROCEDURE AT YOUR OWN RISK!!!!

The 800 Mhz reception on the PRO-43 is superb.

When you've re-assembled the unit. Hit MANUAL, PROGRAM,
LIMIT, 870.00 ENTER, HIT LIMIT UNTIL "H" APPEARS AND THEN
890.00 ENTER. PUSH THE "UP" ARROW AND YOUR IN BUSINESS.
With this modification, this really is a great radio.
ENJOY!

IF the diodes dont seem to match, you may have gotten a "new" version of
the
43, so far RS has not changed the Radio to make it more difficult to
restore
dell freqs. Supposedly Radio Shack does not have to colmply with the new
law
till Feb. 94 (the law states that the radio "cannot be EASILY modified to
receive cellular) But they will still be able to sell the units made prior
to
the law...

Another "Better Mousetrap" file from the Temperance Society :)

3135. Pro-43 Mods-another textfile

Newsgroup: rec.radio.scanner
Date: 1994-10-02 07:27:36 UTC
From: jmk280@herald.usask.ca
Message-ID: <jmk280-021094012831@DialupNewsWatcher>
Source record: 267900

In article <36ke6m$os0@blackice.winternet.com>, fever@winternet.com (Fever) wrote:

> If anyone has any modifications for the Pro-43, I'd appreciate it if you could
> post or email them to me...This document describes how to perform three modifications to the stock PRO-43
Scanning Receiver. These mods will:

o Restore the base and mobile cellular bands in the 800 MHz range
o Restore the 54-88 MHz range
o Drastically reduce the volume of the PRO-43 beep sound

When you restore the cellular bands, the scanner will automatically search at the correct 30 KHz increments while in the cellular bands. The 54 to 88 MHz coverage is primarily used
for TV audio in the US (channels 2 through 6), but is used for police and other services in
parts of Europe.

Why delete the beep?
When you press the keys on the PRO-43, it responds with an audio beep to let you know
that the key has been "accepted" by the scanner. This kind of feedback is usually desired,
particularly since the keyboard of the PRO-43 doesn't provide tactile feedback. Then why
kill the beep? Because the beep volume is fixed on the PRO-43 (that is, it is not set
according to the volume control knob), and, at the same time, the volume is not equalized
between the speaker and the headphone jack. Because of this, while the beep volume is not a
problem with the speaker, when you listen to the scanner using headphones or through an
amplified system like your car stereo, the beep has the effect of a concussion grenade!

The mod reduces the beep volume from the speaker to a very soft level (you have to be in a
quiet room to hear it) and to the headphone jack to a comfortable level.

Some things to consider before killing the beep:

If you kill the beep, you won't get (from the speaker) the normal indication that the batteries are very low. In the case of the PRO-43, because it stores your channel frequencies in permanent EEPROM memory, you

won't lose anything if your batteries go dead. All that happens is you probably won't notice for a while that the scanner is not scanning anymore.

Another positive side of killing the beep is that when you use alkaline batteries, you may
have as much as three full hours of usage after the scanner thinks that the batteries are low. This mod keeps you from going batty listening to that beep for those three hours.

You do lose, however, the feedback the scanner gives you when you enter an incorrect entry.
Say you are going to program in the frequency 455.675. You enter in the 455 but don't hit
the decimal point properly. If you could hear the beep, you would notice it stop beeping
after pressing the second 5 (because it thinks you are entering a channel number that is
outside of its range). Without the beep, you have to rely entirely on the LCD display to tell that something is wrong. Not a big deal, but there are several kinds of operations that the PRO-43 helps you with that are similar to this one.

Performing the modifications:
You should have experience soldering and should feel comfortable working with very small
parts to perform these mods.

Tools:
You will need a small Philips screwdriver, a small slotted screwdriver, small needle-nose
pliers or tweezers, a low-wattage soldering iron, and a solder sucker or solder wick. A
magnifying lens of some sort (eyeglasses or lamp) and a high intensity lamp are highly
recommended!

All the references to positions assume that you have placed the PRO-43 with the keyboard
side down and the antenna at the top.

Procedure:
1) Remove the antenna and the battery pack. Then remove the 4 black Philips screws from
the back of the case. Put these and all other screws in a secure area.

2) Pull the back case off. The case will separate near the front of the scanner, revealing the stacked circuit boards inside. Place the scanner down on its face. You will encounter three circuit boards. The top board is the one you will see looking directly down. There is a second board in the middle, and the third board is the board that has the keyboard attached to it. The top and second board are connected together and will move as a unit.

3) Remove the six small screws from the top circuit board. Place these screws in a secure place.

4) The top and middle boards are connected at the bottom left by a small black 4-pin connector. Take your small, slotted screwdriver and use it to carefully pry up the black connector at the bottom of the top circuit board. A good place to pry up the board is above the metal shield on the left, bottom edge of the board. Once you lift up the top board by freeing this connector, you can shift the top board slightly to the left and right. First, shift the top board to the right so that the Philips screw on the lower left edge of the middle circuit board is exposed. Use your small Philips screwdriver to remove this screw. You may need to use your needle-nose pliers to grab this screw once it's loosened.

5) Shift the top board to the left so that the screw at the lower right edge of the middle board is visible. Use your small Philips screwdhave to angle the screwdriver slightly to get to the screw. The needle-nose pliers may also make it easier to remove the screw. l" over to the left. In order to lift up, you have to disconnect two connectors along the right edge of the middle board. Therese connectors loose.

(To delete the beep)
7) After you've folded the two boards to the left, look at the bottom of the second bond, you need to remove this resistor. Heat the connectors on each side and use the sucker or wick to remove the solder. Even afzers to pick it up. Try not to destroy it, since you can re-install it if you want to restore the beep. Tape this chip to the baner scans. They are covered by the metal RF shield. Desolder all four tabs that hold the RF shield in place. Use your screwdriveut it back the same way when you re-assemble the scanner.

9) After you remove the RF shield, locate the row of diodes. The labend 4 installed. Diodes 3 and 5 are not present. These diodes are extremely small so you will have to be very delicate in handliof the board. These are surface-mounted components, so the leads are not soldered into holes in the board but are attached dire ot be able to place the diode in D3 to restore 54-88 MHz.

(To enable 54-88 MHz)
11) If you were able to lift the diode off intiode matrix performs the following functions:

Diode 1, if removed, disables the keylock switch. If in place, enables the keylocables 54-88 MHz.

Diode 4, if removed enables the cellular bands. If in place, locks out the cellular bands.
Diode 5, if in placentation.

13) Take the top and middle circuit board unit and fold it back to the right, lining up the
pins for the right edge cls using your needle-nose pliers or tweezers.

15) Insert the black connector at the bottom of the top board, and replace the 6 rews in the top board.

16) Replace the back case, replace the 4 black screws, replace the battery pack and the
antenna.

To test the unit:
Enter the following key sequences:

PGM
LIMIT
870
ENTER
LIMIT
896
ENTER

Now press the up arrow. The scanner shoulase range. It will use the proper 30 KHz steps.

Now try:

PGM
LIMIT
54
ENTER
LIMIT
88
ENTER

Again press the up arrow. The scanily used for TV audio of channels 2 through 6 in the
US. TV audio is broadcast on wide-band FM (WFM). The PRO-43 only receives
ation:
There is much controversy about the 1986 ECPA legislation which made it illegal to
monitor cellular communications in tht against the law to modify your scanner to pick up these frequencies. It is just against the law to listen to them! Please use sts have
found that
making modifications such as these will not necessarily void your warranty. While it might
do so technicalyour mods in place!

Good luck with these modifications and drop me a note on CompuServe if you have any
questions or commentsmakes the PRO-43
tick
inside.

Howard Bornstein
CS: 76174,637

and others who helped pioneer these mods and discover what makes

3136. Re: RadioMap service expands into OH, PA, MO (and IL, IN, MI,

Newsgroup: rec.radio.scanner
Date: 1994-10-02 07:53:25 UTC
From: faunt@netcom8.netcom.com
Message-ID: <FAUNT.94Oct2005325@netcom8.netcom.com>
Source record: 267894
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

It was pretty commercial, although I doubt if his "day job", but an outgrowth of his hobby work. I also believe that Parnass has contributed MUCH more then his share to all of these groups, and it is an informative posting, so let it be. If all commercials were as informative and cogent, we'd not object to them, in general.
73, doug

3137. Re: Mod Help

Newsgroup: rec.radio.scanner
Date: 1994-10-02 08:52:28 UTC
From: afcraig@peach.america.net
Message-ID: <afcraig.781087242@atl1>
Source record: 267895

schumann@crl.com (James C. Schumann) writes:

>lebovitz@drycas.club.cc.cmu.edu wrote:
>: Help please, I need a 1 volt dc meter to be a signal str for a 2006.
>: ALl i can find is a 15 or a 3. What type of rister set up do i need to make to
>: 15 or 3 work on a full scale with 1 volt.
>: THanks
>: Steve

>Use the 3volt dc meter and get a couple of 'risters'. The risters should
>be of X and 2X value and placed in series. The voltmeter should be
>attached in parallel to the rister of value X.

>This should work.

>James Schumann, KE6DMY
>schumann@crl.com
>KE6DMY @N6EEG.#NOCAL.CA.USA.NOAM

Hang on a sec. Using resistors with a meter is what you do to make the
meter *less* sensitive to the voltage coming in. What you described
effectively turns that 3 volt meter into a 9 volt meter.

Steve: You might try looking at meters that are rated at milli or micro
Amperes. See if you can find out how many volts it takes to make the
meter read full scale. If it is one volt, then you're set. If it takes
substantially less than one volt to read full scale, use James' idea.

If you do find something, lemme know what it's ratings are and I can tell
you what to use as far as resistors go.

Andrew F. Craig
afcraig@america.net

3138. Re: NEED DIRECTION FINDING EQUIPMENT...

Newsgroup: rec.radio.scanner
Date: 1994-10-02 09:01:13 UTC
From: afcraig@peach.america.net
Message-ID: <afcraig.781088297@atl1>
Source record: 267898
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

hutchine@river.it.gvsu.edu (E.Hutchinson-N8XHP) writes:

>I am STILL looking for a doppler reciever to use for VHF radio direction
>finding...If any one has one, or knows of someone that has one for sale,
>then PLEASE E-mail me with info and price...TNX in advance...

Eric,
You may already know about it, but in case you don't know and are in the mood to build, take a look at the ARRL Handbook. It has a good section on DF'ing with projects. I'm not a ham, but I've found some useful stuff in that book.
Andrew F. Craig
afcraig@america.net

3139. Re: RadioMap service expands into OH, PA, MO (and IL, IN, MI,

Newsgroup: rec.radio.scanner
Date: 1994-10-02 09:58:02 UTC
From: josephl@clark.net
Message-ID: <36m07a$1dt@clarknet.clark.net>
Source record: 267901
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

: Kenneth E. Harker (Kenneth.E.Harker@Dartmouth.Edu) writes:

: > [Bob Parnass' RadioMap posting] is a blatant commercial
: > advertisement and has no place on the USENET.

I don't think so. GET REAL!

--

Joseph A. Liu
Capital Associates, Inc.

3140. National Park Service

Newsgroup: rec.radio.scanner
Date: 1994-10-02 13:36:31 UTC
From: kford@netcom.com
Message-ID: <kfordCx1sGv.12n@netcom.com>
Source record: 267902

Can anyone suggest freqs to listen to the doings of the National Park Service who've just taken over the Presidio in San Francisco?

--
Kelly

KFORD@NETCOM.COM

3141. Re: SCA Receiver Source

Newsgroup: rec.radio.scanner
Date: 1994-10-02 14:21:17 UTC
From: joe@netcom.com
Message-ID: <joeCx1uJH.2w9@netcom.com>
Source record: 267904

I recently ordered and received three SCA demodulator boards from SCS Radio Technology after noticing an advertisement in Radio News. Bruce Elving's SCA design uses a CA3089 IF/detector chip and a PLL (I designed his XR2211 PLL SCA demodulator) SCA. Bruce also sells FM receivers modified with the boards.

What was interesting about the SCS SCA board design, while it uses a CA3089E IF chip also, a multipole filter in front of the 3089 decreases main channel crosstalk interference (by 60 dB). David's board is of excellent construction, with no jumpers and small size to be inserted in an FM receiver's FM detector stage (before deemphasis attenuates the SCA signals).

Anyway, three pretuned boards are available from SCS, 57Khz, 67Khz, and 92Khz - $20.00 each, $60 plus $6.00 P&H for all three. I am satisified with the design and construction of each board. One area of modification I would make is to monitor the SCA signal's multipath and level with an x-y monitor. Use pin 13 of the 3089 chip for a signal level (scope y) output and pin 7 for the y axis output. Of course levels must be set to set vertical and horizontal traces. A flat vertical line, max amplitude, is the ideal signal for tuning. A "wavy" line illustrates multipath. This is a great tool for tuning FM signals...

SCS's Address and Phone Number:

SCS Radio Technology
5742 Fairoak
Springfield, MO, 65810

Phone:

417-881-8401

He (Dave Jackway) takes checks only at present. While his focus is large-volume customers, he will sell to the small customer...

(I have no affilication with SCS, only as a satisfied customer)

--Joe Jesson

--

Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046

3142. Anyone know of a good database?

Newsgroup: rec.radio.scanner
Date: 1994-10-02 14:25:15 UTC
From: rout0003@maroon.tc.umn.edu
Message-ID: <rout0003.781107915@maroon.tc.umn.edu>
Source record: 267903

I was wondering if anyone can tell me where I could find a good scanner database for storing frequencies and descriptions (Dos or Windows)? I have seen one mentioned for the optoscan, however, is there anything which is just used to store and print frequency lists rather than downloading them?

Thanks!
-Andy R.

3143. Balloon Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-10-02 15:55:50 UTC
From: dcomer@dmcmicro.win.net
Message-ID: <34@dmcmicro.win.net>
Source record: 267905

For what it's worth, I remember seeing a posting requesting the balloon frequencies. The "Official Aeronautical Frequency Directory" sold by Radio Shack does not list a "balloon frequency" per se. However, I've heard what appears to be air to ground crew transmissions at 122.25 (AM). I haven't figured out if the transmissions I'm hearing are the local TV crew (KOAT channel 7, KRQE channel 12, or KOB - channel 4). Anyone in NM got the scoop?

Thanks,

Dave Comer

3144. Grove no-tenna comments a

Newsgroup: rec.radio.scanner
Date: 1994-10-02 16:04:00 UTC
From: mike.agner@woodybbs.com
Message-ID: <93.883.7592.0NFB452C@woodybbs.com>
Source record: 267764

Hi Gary - I have attempted to use the body of my car as an antenna (which is what the no-antenna purports to do) and have some comments:
a. All Bob's little offering is a piece of coax with the center conductor connected to some part of the car body, with the shield left unconnected. You can do the same thing from parts probably found in your junk box.
b. If you are looking for a high performance antenna, and you don't live near a major city, maybe this would work - certainly it would work better than a duckie - HOWEVER....
1. I found that cross mod and intermod can really wreak havok with my radio (a AOR1000xlt) - there is simply too much signal for the radio to handle...
2. At best, this would be a compromise antenna - certainly it would work as a HF antenna (with an attenuator!) - receive only - but I have my doubts as a VHF/UHF antenna.
Here is my logic; based on my experiences as a ham, I know that polarization effects increase as the frequency does.
For example, a 2 meter horizontally polarized antenna can have several db difference when compared to a 2 meter vertically antenna working a SSB signal. I haven't tried it, but I would bet that as the frequency climbs, (say up to 80
(say up to 800 mhz or so, which is used a lot around here), that figure would grow. So polarization factors - around a body which is neither totally horizontal nor totally vertical - might be a consideration.

In short, I would create one out of parts from a junk box- that way, if it does create problems (such as intermod from overloading) you have lost nothing.....

73s and good luck Mike KA3JJZ

--- PCB15.1/2-GEcho 1.02
* Origin: BORDERTECH BBS, HAMPSTEAD,MD *USA* 410.239.4247 (1:261/1355)

3145. Re: Anyone know of a good database?

Newsgroup: rec.radio.scanner
Date: 1994-10-02 17:44:03 UTC
From: bsaladino@aol.com
Message-ID: <36mrh3$ct6@newsbf01.news.aol.com>
Source record: 267906

In article <rout0003.781107915@maroon.tc.umn.edu>,
rout0003@maroon.tc.umn.edu (Andrew V Routt) writes:
>I was wondering if anyone can tell me where I could find a good scanner <
>database for storing frequencies and descriptions (Dos or Windows)? <

Hi Andy,

I write a shareware program called Frequency Manager for Windows. If you would liked more details let me know, and I'll send you a description. It's available as FM.ZIP in CompuServe's HamNet, America Online's Ham Radio areas, and at ftp oak.oaklnad.edu /pub/hamradio/pc/ham-utils.

Thanks,
Ben Saladino

BSaladino@AOL.COM
71052.2416@CIS.COM

3146. Re: Pro 51

Newsgroup: rec.radio.scanner
Date: 1994-10-02 18:08:00 UTC
From: charles.marks@compudata.com
Message-ID: <12a.6098.757@compudata.com>
Source record: 267837

Please repost your modifications to the pro-51 so I can also come to agreement with mine. It seems to work just fine if I keep it in the same place on the second floor of my home but if i try to move it anywhere the squelch gets outta control.

3147. Re: Detecting scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-02 18:30:51 UTC
From: mulligan@ACM.ORG
Message-ID: <36mu8r$lp4@hopper.acm.org>
Source record: 267907

sternk@alumni.cs.colorado.edu (Kenneth Stern) wrote:
> What do I have here? Where should I be scanning?

A conventional (i.e. inexpensive) scanner converts the incoming signal to one or two stages of intermediate frequencies (I.F.), by mixing the signal with a local ocsillator (L.O.) and amplifying the difference between them. A usual I.F. is 10.7 MHz, so the receiver would tune its L.O. 10.7 MHz above or below the desired frequency. Since most scanners radiate this L.O. frequency, a second receiver can detect its presence.
For example: Assuming a scanner (the target) is tuned to 460.000 MHz. Its L.O. would be at 449.300 MHz (=460.000-10.700). A nearby second receiver (the hunter) would hear that L.O. radiation as an open carrier on 449.300 MHz. If the target were scanning through a range that included 460.000 MHz, then the hunter would hear a noise (the "chuffing" sound mentioned) everytime the target passed through 460.000 MHz.
Variables would include the actual I.F. used by the target (some receivers use 10.8 MHz, some use unconventional frequencies) and whether the L.O. is tuned above or below the received frequency. A receiver with a 10.8 MHz I.F. and a L.O. tuned above the intended signal would radiate at 470.8 MHz in the example.

The PRO-43 (and other triple conversion receivers) complicates matters by using different I.F.s and varying the 1st L.O. in steps, rather than continuously. This produces a 1st I.F. that is a band of frequencies, rather than a single discrete freq. like 10.7 MHz. The 2nd L.O. converts one freq. from this band to the second I.F.
This means that a more complex formula is needed to determine the target's 1st L.O. freq. (rather than simply adding or subtracting a fixed value). For a PRO-43 tuned to 460.000 MHz as the target, the formula:
1st L.O. freq. = 611.2 + 3.2 * int[RcvFrq/3.2]
produces:
611.2 + 3.2 * int[460/3.2]
= 611.2 + 3.2 * 143
= 1068.8 MHz
as the PRO-43's L.O. frequency. A hunter receiver tuned to 1068.8 would hear an open carrier (i.e. white noise or silence) [as would a VOR/TACCAN DME rcvr tuned to Ch 108Y, which is why the airline gets nervous when you bring your PRO-43 on board <g>].

For a cordless phone using Ch 8, the handset's receiver would be listening to 46.87 MHz. Assuming a 10.7 MHz I.F. and the L.O. below the received freq., the handset would radiate a L.O. signal at 36.17 MHz and would be detectable on any receiver within a few feet.
If a PRO-43 (the target) were trying to listen to the cordless base, it would be tuned to 46.87 MHz and _its_ L.O. would be at 611.2+3.2*int[46.87/3.2]

= 656.000 MHz. Your hunter would detect this as an open carrier. If the target were scanning through the cordless band, you'd hear the "chuffing" sound on the hunter (tuned to 656.000 MHz) each time the target hit 46.87 MHz. Unfortunately, the PRO-2006 doesn't receive 520-760 MHz, so a different hunter would be needed (something I realized when testing the examples <g>).

Class dismissed. Remember, there will be a quiz at the end of the week.

/* barry /&

3148. Travis Air Show

Newsgroup: rec.radio.scanner
Date: 1994-10-02 19:06:28 UTC
From: welka@garlic.com
Message-ID: <36n0bk$dlu@garlic.com>
Source record: 267909

Anyone have freqs for the 10/8 Air Show at Travis Air Force Base (California)?

Paul Welka

3149. Pro 34 Mod "Hints"

Newsgroup: rec.radio.scanner
Date: 1994-10-02 19:16:02 UTC
From: fj033@cleveland.Freenet.Edu
Message-ID: <36n0tj$6qj@usenet.INS.CWRU.Edu>
Source record: 267910

Below is a file I found regarding mods for the RS Pro 34:

Date: 4 Apr 89 14:24:01 GMT
Subject: PRO-34 Scanner Modifications

In the May 1989 edition of Popular Communications is a
"Letter to the Editor" on the Radio Shack PRO-34 Scanner. Below
is the text of that letter.

PRO-34 Scanner Modification

In regard to the information presented (March Issue) on the
handheld Radio Shack PRO-34 scanner, my own observations on the
modifications have been:

1. To restore missing 800 MHz frequencies, remove D-11.

Shown 41%, press <SPACE> for more, 'q' to quit, or 'h' for help

2. To add 66 to 88 MHz (European Coverage), install a diode at
D-9.

3. D-10 must remain in place for full 800 MHz coverage.

4. If a diode is added at D-13 it cuts out aero band, also seems
to affect 800 MHz channel spacing.

5. D-12 added dosen't seem to have any affect.

6. Only D-10 and D-11 are factory installed.

I wish to thank you for a fine and informative magazine. I
have had much reading enjoyment.

Sam S. Jones,
Rebel Antenna,
Falls Church, VA

3150. Re: NYPD Communications Question ?

Newsgroup: rec.radio.scanner
Date: 1994-10-02 19:43:02 UTC
From: mulligan@ACM.ORG
Message-ID: <36n2g6$m2s@hopper.acm.org>
Source record: 267911

Repeaters in the 470-512 MHz band have their inputs 3 MHz higher,
i.e. 479.7375 is the I.P. to the NYPD Citywide #1 repeater on 476.7375.

/* barry /&

3151. pro -35 ??

Newsgroup: rec.radio.scanner
Date: 1994-10-02 19:55:55 UTC
From: saur@netcom.com
Message-ID: <saurCx2A17.3AF@netcom.com>
Source record: 267912

Hi ... Just found this group and am enjoying the info :)

I got a RS pro 35 some time ago just to experiment. (had read a little about scanning) Is this model any good? I have noticed talk of modifying scanners. is this poss. with the pro 35?

Thanking y'all

Saur@netcom.com

3152. Re: Secret Service Freqs... AM or FM?

Newsgroup: rec.radio.scanner
Date: 1994-10-02 20:09:56 UTC
From: baxter@kuhub.cc.ukans.edu
Message-ID: <1994Oct2.150956.73889@kuhub.cc.ukans.edu>
Source record: 267914

In article <B630wBu.gregmason@delphi.com>, Greg <gregmason@delphi.com> writes:
> Does anyone know which USSS freqs are FM and which are AM?
>
They're on VHF and UHF but almost entirely using DVP, so you'll hear nothing
but white noise for most of their communications. Not too much to monitor
anymore.

3153. Re: Police Terminology

Newsgroup: rec.radio.scanner
Date: 1994-10-02 21:21:47 UTC
From: ddillon@csulb.edu
Message-ID: <36n89b$nc0@garuda.csulb.edu>
Source record: 267913

Gleb Esman (gesman@io.org) wrote:
: Does anyone knows what is "PDS unit" ?
: I'm in Toronto.

: --
: Gleb Esman.
Purple Doughnut Sprinkles!

3154. PRO-50 Modifications

Newsgroup: rec.radio.scanner
Date: 1994-10-02 22:07:44 UTC
From: yeagerm@freenet2.scri.fsu.edu
Message-ID: <36navg$m4e@freenet3.scri.fsu.edu>
Source record: 267924

Does anyone know of any modificatios to
Radio Shack PRO-50 scanner?

Thanks,

Mike

Organization: Tallahassee Free-Net

3155. Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-02 23:27:24 UTC
From: kenneth@eri.erinet.com
Message-ID: <36nfks$1hi@eri.erinet.com>
Source record: 267915

In the ads for the Icom R-7100 the frequency range says 25 - 2000mhz.
Now my question is is this 25khz or what. I am new to this and looking
for a good scanner that covers just about everything and this looks like
a good choice, any comments or suggestions would be appreciated.

3156. TRANSAM: Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-03 00:07:14 UTC
From: rfunk@ssr.hp.com
Message-ID: <36nhvi$i31@hpscit.sc.hp.com>
Source record: 267916

Here are the scanner frequencies I was able to verify at
the Dallas Grand Prix 16,17,18 September 1994
The superior (and loud) PA system and very good announcing almost
negated the need for a scanner!

SCCA Corner Workers: 464.425 (I rarely hear them any more at
their old 151.625)

Race Control: 469.925

PRIME Director: 455.675 All the live interviews
sometimes race announcing (but not always???)
sometimes directors calling the shots

WORLD CHALLENGE
488.5625 Mauro Baldi #70 Porsche 911

TRANSAM
468.9750 Ron Fellows #4
469.8500 Dorsey Schroeder #12
466.8875 Jon Gooding #16
468.3500 Brian Semo #22 (Previously Boris Said)
460.1875 Paul Gentilozzi #28
465.8250 Bruce Barkelew #71
463.5125 Ray Kong #87
467.3875 Tim McAdam #94

I never could find Scott Pruett, Jack Baldwin, or Tom Kendall at all,
nor did I find any hints of them being there, but scrambled

3157. Re: RadioMap service expands into OH, PA

Newsgroup: rec.radio.scanner
Date: 1994-10-03 00:11:52 UTC
From: jimbedient@delphi.com
Message-ID: <9410022011591.jimbedient.DLITE@delphi.com>
Source record: 267917
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

[No readable article body recovered]

3158. Re: question about elderly PRO-2004

Newsgroup: rec.radio.scanner
Date: 1994-10-03 01:07:01 UTC
From: smacken@aol.com
Message-ID: <36nlfl$j0n@newsbf01.news.aol.com>
Source record: 267919

As you guessed, It is a little different with rs products.

First enter program mode.
Then enter frequency
Hit enter
Hit program again to move to the next channel.
or
Hit manual ch # and manual to move to the channel of your choice.

I have a 2004, 2006 and various bearcats and rs portables.

Go for it. Sounds like it is a winner and really broken in too !!

Mine has been running for at least 6 years 24 hours a day and it works
great (the backlight is dim and always was uselessly dim)

have fun. great catch

steve

3159. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-03 01:20:02 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cx2p1E.2zw@nntpa.cb.att.com>
Source record: 267921
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <36nfks$1hi@eri.erinet.com>,
Kennith Sprinkles Jr. <kenneth@eri.erinet.com> wrote:

>In the ads for the Icom R-7100 the frequency range says 25 - 2000mhz.
>Now my question is is this 25khz or what. I am new to this and looking
>for a good scanner that covers just about everything and this looks like
>a good choice, any comments or suggestions would be appreciated.

The R-7100 freq coverage starts at 25 MHz. I read that the
latest versions omit 800 - 900 MHz, but I cannot verify this
as I bought mine a while ago.

I compared the R-7100 with the earlier R-7000 and posted this
summary:

COMPARING THE ICOM R7100 TO THE R7000 RECEIVER

by Bob Parnass, AJ9S

The radio RF/IF/AF portions of the R7100 are similar to the
older R7000, but the R7100 is constructed using surface
mount parts. Consequently, the R7100 is smaller. A-B tests
indicate both the R7100 and Radio Shack PRO-2006 receivers
are about equally sensitive, and more sensitive than the 6
year old R7000. Both the R7000 and R7100 are much more
immune to intermod than the Uniden/Bearcat 760XLT and the
portable PRO-43.

Many of the functions controlled by separate rotary switches
and potentiometers in the R7000 are controlled by pushbutton
switches and firmware in the R7100.

Deleted Tuning Meter, Added AFC

Too bad the R7000's analog center reading meter function was
replaced with 3 indicators on the R7100, a left arrow, a
square, and a right arrow. In my R7100, the square lights
if you are tuned within 2.5 kHz of center of an FM station,
a larger window for WBFM signals. The arrow indicates the
direction in which the tuning knob should turned to center
the receiver on the signal.

The R7100 has an interesting AFC circuit, controlled by a
front panel switch. The AFC will automagically tune the
receiver close to the center frequency if you tune near an
FM signal. You can watch the frequency change as the AFC

steps the receiver in 100 Hz increments (on NBFM). The AFC never quite tunes to the exact center, but tunes within a window set by a difference amplifier circuit, so the station sounds good even though the R7100 is slightly off center frequency.

Modes

R7000 and R7100 users have the same choice of modes, but they are easily selected from front panels controls in the new R7100. A rear mounted slide switch is used for USB/LSB selection in the R7000.

Fancy Firmware for Memory Organization and Scanning

The firmware in the R7100 is much more sophisticated, and a brief article wouldn't do it justice. There are 9 banks of 100 channels. Further, you can associate each channel with 1 of 10 groups. There are many possible ways to scan, more than listed here. You can scan:

all channels
all channels in a given bank
all channels in a given group
all channels in a given group in a given bank

all channels in a given emission mode
all channels in a given emission mode in a given bank

As with most other scanners, there is a lockout bit for each channel, so you don't have to scan the NOAA weather channel even though you have it in memory.

There are 10 pairs of search limits. The search and store ("memory write") scan mode lets you store 100 frequencies instead of the 20 in R7000. Another R7100 improvement is that you can program up to 100 channels for the R7100 to skip while searching. I used this for searching for federal stations in the 162-170 MHz range while skipping the NOAA weather channels 162.55, 162.4, and 162.475 MHz, as well as some veteran's hospital paging channels.

The R7100 has 2 VFOs, but Icom calls them windows. There are several window scan modes, but they resemble priority scan modes in a Bearcat scanner.

Both the R7000 and R7100 scan slowly compared with PRO-2004 and PRO-2006, and that's a drawback. Perhaps a bigger draw-back is that both the R7100 and R7000 employs a noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Scanning a mixture of VHF and UHF frequencies serenades the Icom user with a very annoying clickety-clack, clickety-clack!

New Memory Query Feature

The R7100, like the Bearcat 200xlt, has a feature which allows you to detect memory channels programmed with duplicate frequencies.

Tuning Step Selections

The R7000 tuning step size is selected using a rotary switch. The R7100 tuning step size is selected by using a pushbutton to step through the selections. The R7100 has more choices, including a 100 kHz step, useful for tuning around the aircraft bands.

Another new R7100 feature is that a tuning step size can be stored into each of the 900 memory channels, so when you use the tuning knob to tune off a memory channel, the R7100 tunes in reasonable increments (e.g., 12.5 kHz in the 450 MHz range, 10 kHz in the VHF-low band, etc.).

Rescan Delay Added, but Nondefeatable

Icom finally included a decent 2 second rescan delay in the R7100 which owners complained was missing from the R7000. Ironically, you cannot defeat the rescan delay in the R7100, so it's now more difficult to scan trunked systems in which the frequency changes with each new repeater transmission! Using the VSC voice squelch helps shorten the rescan delay unless scanning noisy stations.

Power Supply and More

The internal power supply in both radios runs hot. The R7100 comes with a 12 VDC power cord included, an option in the R7000.

The R7000 comes with a handy carrying handle and rubber feet, an $8.50 option on the R7100.

Added Clock and Timers

Unlike the R7000, the R7100 contains a digital clock and timers which can be used to turn the radio on and off, and tune to different channels, several times each day. I probably won't be using timers, though.

Which Radio to Buy

For fast, reliable scanning, you still can't beat a PRO-2006. If you want SSB reception, computer control, or a radio with a tuning knob and lots of features, I recommend the Icom radios.

The R7100 is more complicated to use than the R7000. There are so many firmware controlled features and there are several 2 key sequencies.

Faced with choosing between an R7000 or an R7100 in a simi-
lar price range, I prefer the newer R7100. Sensitivity
aside, both are about equal communications receivers, but
the R7100 is a better scanner, especially for finding new
frequencies and organizing memory.

--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

3160. Re: 300 Ohm to 50 Ohm Balun Design

Newsgroup: rec.radio.scanner
Date: 1994-10-03 01:21:24 UTC
From: domonkos@access.digex.net
Message-ID: <36nmak$1j5@news1.digex.net>
Source record: 267920

In article <32@dmcmicro.win.net>, dcomer@dmcmicro.win.net (David M. Comer) says:
>
>Does anyone have a 300 Ohm to 50 Ohm balun or transmatch design
>they'd be willing to share? Alternativley, is the a source for
>such a beast? I am attemption to match a 300 Ohm VHF/UHF attena to
>my scanner.
>
>Thanks,
>
>Dave Comer
>
>

Dave,

In practice, the losses would be high, especailly the higher the
frequency. Most of the commercial (Radio Shack) units would work nicely
though. I suggest using twin lead right up to the scanner and then the
adapter; twin lead has the lowest loss of all economically available
feed lines.

Andy

3161. Pro-43 Mods.

Newsgroup: rec.radio.scanner
Date: 1994-10-03 01:36:43 UTC
From: cb91s124@sycom.mi.org
Message-ID: <cb91s124.9xe5@sycom.mi.org>
Source record: 267830

Does anyone know what Chip, Diode, or Reistor to pull in the pro-43 to release the locked out channels? It would be greatly appreciated....and what model or series can be modified?

Thanks..

3162. Mail order Catalogs???

Newsgroup: rec.radio.scanner
Date: 1994-10-03 01:39:09 UTC
From: tumeke@midland.co.nz
Message-ID: <36nnbt$e8v@news.midland.co.nz>
Source record: 267923

Does anyone know where I could get a mail order catalogue for this sort
of equipment? (Scanners etc?)
Surely there must be one out there...

3163. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-03 01:43:32 UTC
From: warren@bluesky.com
Message-ID: <36nnk4$89@pdx1.i.net>
Source record: 267922

In article <36nfks$1hi@eri.erinet.com>
kenneth@eri.erinet.com (Kennith Sprinkles Jr.) writes:

> In the ads for the Icom R-7100 the frequency range says 25 - 2000mhz.
> Now my question is is this 25khz or what. I am new to this and looking
> for a good scanner that covers just about everything and this looks like
> a good choice, any comments or suggestions would be appreciated.

That's 25mhz (it doesn't do shortwave or lower).

There are now two models of the 7100. One has cellular disabled and supposedly non-restorable (25mhz-799 and 900-2000mhz); the other has full-coverage and is available only to 'government agencies' (quoting Icom's ad in MT).

Ads in the mags I've seen suggest some mail-order dealers may still have old stock of the full coverage model made previous to the ban on their manufacture. I believe it's still legal to sell those, but it's limited to stock on hand.

You could try to pry one free from someone via the rec.radio.swap.

Warren Leach
warren@bluesky.com

3164. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-03 01:49:31 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Oct2.204931.2983@hnrc.tufts.edu>
Source record: 267918

In article <36nfks$1hi@eri.erinet.com>, kenneth@eri.erinet.com (Kennith Sprinkles Jr.)
writes:
> In the ads for the Icom R-7100 the frequency range says 25 - 2000mhz.
> Now my question is is this 25khz or what. I am new to this and looking
> for a good scanner that covers just about everything and this looks like
> a good choice, any comments or suggestions would be appreciated.
>

Actually, it's 25MHz-2000MHz (except for 800-900 if it's a newer unit)
^ ^
2000mHz would be, well, interesting?

3165. Middle person for International Transactions....

Newsgroup: rec.radio.scanner
Date: 1994-10-03 02:09:37 UTC
From: tumeke@midland.co.nz
Message-ID: <36np51$e9c@news.midland.co.nz>
Source record: 267825

We all know there is somepeople out there ready to rip people off, which unfortunately I was a victim of this foul play.
Now has anyone figured out how to take the risk out of people getting ripped off?

Eg. Someone has to assume all the risk, I send the money
then you send the product, now here is where the major flaw is, and where plenty of people have been ripped off.
Now what I was thinking off, does anyone know of a way to
overcome this problem? Maybe there is a firm out there that, is the middleperson, and waits for both parties to to come through with the goods and then, sends it through, finishing the transaction.
Now I know I would certainly like this method, of knowing that I will either receive my money back, or receive the product I purchases?

Now all you people out there what do you think????
I would rather spend an extra $10.00 dollars for the service say, than lose $200.00.

3166. Re: RadioMap service expands into OH, PA, MO (and IL, IN, MI,

Newsgroup: rec.radio.scanner
Date: 1994-10-03 02:24:52 UTC
From: billsohl@earth.planet.net
Message-ID: <36nq1k$me3@jupiter.planet.net>
Source record: 267826
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,sci.electronics.repair

Glen Roberts (glr@ripco.com) wrote:
: Kenneth E. Harker (Kenneth.E.Harker@Dartmouth.Edu) wrote:
: : This is a blatant commercial advertisement and has no place on the
: : USENET. Please do not support the encroachment of commercialism and
: : junk mail on the newsgroups.

: I think his idea is pretty cool... unique... and I like reading about it,
: blantently commercial or not.

I agree and I'll add a note that the internet has long ago crossed
the line into commercialization. Best just accept it, although Ken
is certainly entitled to his opinion.

--
Bill Sohl K2UNK (billsohl@planet.net)
Budd Lake, New Jersey

3167. AOR8000: Buy in US or from abroad?

Newsgroup: rec.radio.scanner
Date: 1994-10-03 02:45:19 UTC
From: ac184@FreeNet.Carleton.CA
Message-ID: <Cx2szK.FGp@freenet.carleton.ca>
Source record: 267827

I'm finally able to get one of these gems, but am annoyed at the
"castration" of the coverage in US models. I've heard that a program is
being worked upon which (when downloaded(?)) will return the scanner to
its full coverage state as nature intended :^). On the other hand, I can
order it, say, from Javiation and get it in its pristine condition, but
would the scanner be using frequency layouts that differ from the States?
Any recommendations appreciated.

Thanks,

Tim

--
It puts the lotion on its body or else it =|= Tim Murphy
gets the hose. =|= ac184@freenet.carleton.ca
--Bill Clinton relating funny =|= (613) 562-1664
college anecdote to Tom Harris =|= Finger me for PGP key...

3168. Re: PRO 2006 Scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-03 03:06:18 UTC
From: rpowell@gulf.net
Message-ID: <36nsfa$911@marlin.gulf.net>
Source record: 267828

In article <36lfq8$qmh@marlin.gulf.net>, rpowell@gulf.net (Rob Powell) says:
>
> I have access to several PRO-2006 scanners at $349.99. If interested
>send mail.

These scanners will be shipped from my store (Radio Shack) and carry full warrenty honored at any
RS in the country.

3169. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-10-03 03:07:50 UTC
From: rpowell@gulf.net
Message-ID: <36nsi6$911@marlin.gulf.net>
Source record: 267829

In article <hughemCx07wB.3GC@netcom.com>, hughem@netcom.com (Hugh Hemington) says:
>
>There seems to be a lot of Radio Shack bashing on this newsgroup. I have
>a few comments:
>
>The RS in my area seems to have what I need when I need it in a hurry.
>Their hours are longer than the more technically inclined electronics
>suppliers. There are mis-informed sales persons in every type of store.
>Since there is so much more to know about electronics, and it is much
>less obvious than, say, pool tables, there will be more mis-informed
>sales persons in electronics stores. If RS hired real EEs you couldn't
>afford anything in there (and they wouldn't be less mis-informed, just
>more convencing).
>
>my $.02
>
>hughem@netcom.com
>
Thanks from a new RS Manager!

3170. Re: looking 4 newyork news/media frequ's

Newsgroup: rec.radio.scanner
Date: 1994-10-03 04:02:23 UTC
From: dra@pipeline.com
Message-ID: <36nvof$5eg@pipe4.pipeline.com>
Source record: 267831

randall@cygnus.sunydutchess.edu (Tom Randall) wrote:

>LEPP225@DELPHI.COM (lepp225@news.delphi.com) wrote: :
>HI, I'm lloking for any frqu's that has to do with news
>in the new york city
>: area. EX. abc,nbc or cbs news crews. Plus if you have
>any news choper. I
>: know that news radio 88 has a choper.and so does
>shadowtraffic.
> I'd like these frews as well,please! Thanks.

Following are some basics - all freqs personally confirmed:

WCBS radio chopper 450.0875 455.700
other airborne traffic 455.5625 450.1375
Shadow Traffic base/mobiles 452.975
Metro Traffic base/mobiles 450.8125 450.925
'Citywide' notification grp 461.650 461.324
WCBS-TV asgmt desk 450.050
WCBS-TV 'microwave control' 450.350
CBS Network 450.5125 450.800
WABC-TV asgmt desk 455.050
WABC-TV 'RF control' 455.6125
ABC-TV Network 450.5875 455.0875
WNBC-TV asgmt desk 161.670
WNBC-TV 'L control' (ENG) 450.3875
NBC-TV Network 450.550 455.3375
WNYW-TV asgmt desk 450.1875
WNYW-TV ENG 450.850
WWOR-TV asgmt desk 450.4875
WWOR-TV ENG 450.7125
WNJU-TV asgmt desk 450.8625
WINS Radio 450.450

3171. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-10-03 04:20:57 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct3.042057.28901@hpcvaac.cv.hp.com>
Source record: 267832

jerry@hnrc.tufts.edu (Jerry Dallal) writes:
: In article <367pkl$hvs@umbc9.umbc.edu>, skowit1@umbc.edu (kowitt shai) writes:
: > While we
: > were playing with the pro-43, we picked up a cellular call right in the
: > store, so he quickly put on a better antenna, and told me to listen quietly.
: > I guess some RS sales people are really okay people.
:
: This sounds odd. (1) The 43 requires a hardware mod and (2) it's very good at
: image rejection. Could it have been a cordless phone?

Possibly not. Radio Shack has the habit of putting returned merchandise back
on the shelf, and reselling it as new. Maybe someone modified the radio, and
then returned it for some reason.

Bill

3172. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-10-03 04:31:24 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct3.043124.29219@hpcvaac.cv.hp.com>
Source record: 267833

steven@sgb.oau.org (Steven Bradley) writes:
:
: : You have the revised version of the PRO-43, identified by an "A" suffix on
: : the FCC ID nbr (i.e. AAO20-300A). There is no cellular mod for that version.
: : You can add a diode at D3 to access 68-88 MHz.
:
: Try adding a diode at position D4 -- you seemed to imply there was
: a D4 location. They may have inverted the logic and made its absense
: means no cell instead of presence. So far, no one has come forward
: and said they have tried this -- so if you do, please report your
: findings here (if it works or doesn't and what it does do, if you
: can determine any change). You could use a 1N914 or 1N4148 signal
: diode, Rat Shack used to carry them in packets of 20 for $2, they
: probably still do.

Forget it. The FCC would not allow that simple a change. I suspect that
you will find that there is a new processor - with the verboten frequencies
locked out in ROM.

Bill

3173. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-10-03 05:54:46 UTC
From: khorton@tech.iupui.edu
Message-ID: <Cx31rB.2tz@iupui.edu>
Source record: 267835

bill nelson (billn@hpcvaac.cv.hp.com) wrote:

: Forget it. The FCC would not allow that simple a change. I suspect that
: you will find that there is a new processor - with the verboten frequencies
: locked out in ROM.

Couldn't one pop the EEPROM out and re-program it with the Forbidden
Frequencies, then put it back in? The scanner most likely prevents
entry of the frequencies only at the keypad.

--

```
------------------------------------------------------------------------
| \_ \_ \_\_\_ \_ \_ \_ \_ \_ B5(6) t w g+ s-- r- |
| \_\_ \_\_ \_\_ \_ \_\_\_ &h48,&h65,&h6C,&h6C,&h6F,&h21 |
| \_ \_ \_\_\_ \_ \_ \_ \_ __ khorton@tech.iupui.edu __ |
| "It's 5:50 AM. Do you know \/__Can *YOU* write 8085__\/ |
| where your stack pointer is?" \/ assembly? \/ |
------------------------------------------------------------------------
```

3174. Re: Inversion Encryption

Newsgroup: rec.radio.scanner
Date: 1994-10-03 06:13:06 UTC
From: henniger@crl.com
Message-ID: <36o7di$j1u@crl.crl.com>
Source record: 267834

<Unknown> (Freedom) writes:

>In article <36edh6$ave@eugene.convex.com>, horak@convex.com (David Horak) says:

>>Jerry, Michael was asking how to use the descrambler. The descrambler
>>simply plugs into your audio output jack. I think you got the question
>>confused with how to *receive* or *descramble* a frequency inversion
>>signal. If you don't have the descrambler, then your method is worth a
>>try (although I haven't had much luck with it yet). I've heard of
>>people doing this but I can't get an intelligible signal with my DX-440
>>or my Yupi on the inversion scheme the cab company uses. The
>>descrambler works fine. Could it be that there is more than one freq
>>inversion scheme and only one type is detectable in the manner you
>>describe?
>>
>>David

>Which descrambler do you use and where did you get it? I'm looking at getting one
>but I want one that has been proven to work.

>Joe

Frequency inversion system come in several flavors: good,
better,best, etc.

Good: means that high frequencies become low, low become high.
This is the stuff you can listen to with a ssb receiver.

Better: means that there are some small number of segments of audio
frequency which are swapped around. Units which have 16 different
segments which get moved around before transmission and moved back on
reception fall in this category. The 16 frequency band swapping is
decided before hand by both sides, and can be randomly chosen at call
setup.

Best: There are mass-production chipsets which have many different
segments, and are constantly changing the mapping of real frequency to
transmitted frequency range. This is tough to keep track of unless you
know the PN sequence for when the mapping is going to go to next.

Wonderful: There are chipsets designed for use in wireless phones which
actually digitize, modulate then transmit over the radio, where it is
demodulated into digital, passed through optional encryption, and then
Digital to Analog converted back to audio. This can be hard enough to
decode even if the digital data was not encrypted. If the data is
encrypted it becomes computationally infeasible in realtime for anyone if
a reasonable encryption scheme is used.

The basic question is what is the cost of the technology. As the systems get more secure they cost more. Really cheap 46/49Mhz phones (less than $150) are on the market which have the multisegment frequency inversion randomly chosen. This is beyond any SSB or ramsey kit decoding, since they can only do single (all audio is one segment) segment inversion.

Its really not as easy as people make is sound here.

Mick
(ac6eu)

3175. Re: Middle person for International Transactions....

Newsgroup: rec.radio.scanner
Date: 1994-10-03 06:46:42 UTC
From: linley@netcom.com
Message-ID: <linleyCx345u.HuB@netcom.com>
Source record: 267773

In ye olden post tumeke@midland.co.nz (Toby TeRupe) spake...
>
>overcome this problem? Maybe there is a firm out there that, is the
>middleperson, and waits for both parties to to come through with the goods
>and then, sends it through, finishing the transaction.

Of course, the middleperson may keep your money _and_ your scanner!
There is always risk.

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur Radio: KE6EQZ

3176. Re: NYPD Communications Question ?

Newsgroup: rec.radio.scanner
Date: 1994-10-03 07:53:17 UTC
From: ligosa@pipeline.com
Message-ID: <36od9d$52s@pipe1.pipeline.com>
Source record: 267836

mulligan@ACM.ORG (F. Barry Mulligan) wrote:

>
> Repeaters in the 470-512 MHz band have their inputs
>3 MHz higher, i.e. 479.7375 is the I.P. to the NYPD
>Citywide #1 repeater on 476.7375.
>
>
> /* barry /&

Thanks Barry,

I asume that the PL is what allows the portables to gain access
to the repeater ?

And I also asume that the mobile radios transmit on one
frequency (repeater input) and receive on another (repeater
output) Right ?

Chris...

3177. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-10-03 08:41:34 UTC
From: linley@netcom.com
Message-ID: <linleyCx39HA.19t@netcom.com>
Source record: 267838

In ye olden post khorton@tech.iupui.edu (Kevin E Horton) spake...
>bill nelson (billn@hpcvaac.cv.hp.com) wrote:
>
>: Forget it. The FCC would not allow that simple a change. I suspect that
>: you will find that there is a new processor - with the verboten frequencies
>: locked out in ROM.
>
>Couldn't one pop the EEPROM out and re-program it with the Forbidden
>Frequencies, then put it back in? The scanner most likely prevents
>entry of the frequencies only at the keypad.

Or couldn't one order a new cpu board from Tandy UK. The Pro-43 is made up
of 4 circuit boards that just plug together. Since the replacement board
is not itself a scanner (just a computer), there would be no legal violations.

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur Radio: KE6EQZ

3178. Questions about the M-400 decoder thingy.

Newsgroup: rec.radio.scanner
Date: 1994-10-03 11:05:34 UTC
From: pgunn@alkali.otago.ac.nz
Message-ID: <pgunn.254.781182334@alkali.otago.ac.nz>
Source record: 267839

Thank you to all the ppl that replied to my queuy about scanners with a line out on them. I received recommendations (from different ppl) to further investigate the 200[4,6], the Icom R7000, and the BC890XLT. I'll be back.

Now to the meat of my query. I remember seeing references to the M400? decoder here many moons ago. If I remember rightly, it was capable of decoding POCSAG and CTCSS (sp?) and a few other. I think it could be run as a stand alone or plugged into a computer. Can anyone help me with further details on this animal? Size, power supply, fuctionality, memory, etc.

Thanks very much for your time.

Happy scanning.

==========
PGUNN@alkali.otago.ac.nz
MSc (Chem) Student, University of Otago
Southernmost University in the World!
==========

3179. Re: Detecting scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-03 12:17:21 UTC
From: woody@netmaster2.hq.af.mil
Message-ID: <36osoh$5ar@hq.hq.af.mil>
Source record: 267840

: Class dismissed. Remember, there will be a quiz at the end of the week.

Ok, so now the question is, does anybody have a list of the
LO's and IF's of the most common scanners and government
use radios (ie: most common Motorola's, etc.)?

woody
--
/---\
When in charge, ponder;	Help! I'm being held
When in trouble, delegate;	captive in the
When in doubt, mumble.	basement of the
--James H. Boren	Pentagon!

| Mark Woods: woody@nic.hq.af.mil |
\---/

3180. Re: Detecting scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-03 12:54:46 UTC
From: zenith89@bnr.ca
Message-ID: <zenith89-031094085447@47.80.2.73>
Source record: 267843

In article <36j0vt$jbu@bigboote.WPI.EDU>, gkd@bigwpi.WPI.EDU (Gregory K Doerschler) wrote:

> Good luck with your scumbusting, but I bet your track will lead you right
> to the cordless phone itself, rather than to some scanner scum monitoring
> it. After all, cordless phone handsets contain receivers which monitor
> the 46 MHz base signal, and their receivers have IF's and local
> oscillators too. As for the chuffing (pulsing) of the signal, that is
> characteristic of a battery saver circuit just like those employed by
> some ham handhelds. When the receiver hears no signal for a period of
> time, it goes to "sleep" and just fires up briefly once every second or
> so to check the frequency for activity.

Yup, that's pretty well what I found. I detected "scanners" in the homes of people I *KNOW* don't own one.

I had much better luck detecting "police" scanners. Unfortunately after discovering a few I found that searching for scanners at 0330h attracts police cars. Thanks for advice re: Motorola IFs, next time I'll listen for those too!

--
Chris Van Fleet, Bell Northern Research.
Phone (613) 763-7541, fax (613) 763-7383.
Internet: zenith89@bnr.ca or ba794@freenet.carleton.ca

3181. Re: AOR8000: Buy in US or from abroad?

Newsgroup: rec.radio.scanner
Date: 1994-10-03 13:08:14 UTC
From: schuster@panix.com
Message-ID: <36ovnu$6hd@panix3.panix.com>
Source record: 267841

In article <Cx2szK.FGp@freenet.carleton.ca>,
Tim Murphy <ac184@FreeNet.Carleton.CA> wrote:
>
>
>I'm finally able to get one of these gems, but am annoyed at the
>"castration" of the coverage in US models. I've heard that a program is
>being worked upon which (when downloaded(?)) will return the scanner to
>its full coverage state as nature intended :^). On the other hand, I can
>order it, say, from Javiation and get it in its pristine condition, but
>would the scanner be using frequency layouts that differ from the States?
>Any recommendations appreciated.

If you get the UK model and use the feature which automatically sets
frequency step and modulation, then a lot of the "guesses" will be wrong.
This is because the UK bandplan is different. It is probably possible to
correct this with software too, but there are no guarantees.

I just ignore the "auto" function and set the operating modes manually
just as on my other scanners, and it works fine.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3182. Re: Detecting scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-03 13:10:02 UTC
From: zenith89@bnr.ca
Message-ID: <zenith89-031094091002@47.80.2.73>
Source record: 267844

In article <36k9cs$f09@hopper.acm.org>, mulligan@ACM.ORG (F. Barry Mulligan) wrote:

> The PRO-43 is just as detectable as the PRO-41, but its I.F. and local
> oscillator layout is a bit more complex....

Hey thanks, that's great. Good to know that I'm not quite as easily detectable as the cheaper dual-conversion units.

--
Chris Van Fleet, Bell Northern Research.
Phone (613) 763-7541, fax (613) 763-7383.
Internet: zenith89@bnr.ca or ba794@freenet.carleton.ca

3183. NY Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-03 13:14:02 UTC
From: gregemm@aol.com
Message-ID: <36p02q$r30@newsbf01.news.aol.com>
Source record: 267842

Does anyone have any unpublished frequencies in the Long Island/New York area? Thanks in advance

3184. Re: 300 Ohm to 50 Ohm Balun Design

Newsgroup: rec.radio.scanner
Date: 1994-10-03 13:26:21 UTC
From: billsohl@earth.planet.net
Message-ID: <36p0pt$ovn@jupiter.planet.net>
Source record: 267845

David M. Comer (dcomer@dmcmicro.win.net) wrote:
: Does anyone have a 300 Ohm to 50 Ohm balun or transmatch design
: they'd be willing to share? Alternativley, is the a source for
: such a beast? I am attemption to match a 300 Ohm VHF/UHF attena to
: my scanner.

Just use one of those TV 300/75ohm converters. You'll be close
enough to not make any significant difference (especially since
you are only worried about receiving). The 300 ohm
antenna is a balanced line feed and the 50 (or 75ohm TV) coax
is unbalanced. The balanced to unbalanced conversion is what
you need more than worrying about an exact 50 ohm match.

Most of the 300/75 ohm converters have the 300 ohm twinlead
side (screw type conection) and a TV 75 ohm coax F type connector
for the 75 ohm side. You can then just make up a cable with the
F type connector on one end and the (probably) BNC type connector
at the other end (or whatever type 50 ohm antenna jack your
scanner uses).

Cheers,

--
Bill Sohl K2UNK (billsohl@planet.net)
Budd Lake, New Jersey

3185. SCANNING THE ROAD

Newsgroup: rec.radio.scanner
Date: 1994-10-03 13:33:43 UTC
From: russell.turns@chrysalis.org
Message-ID: <9410031333.0J1VU00@chrysalis.org>
Source record: 267863

I heard from a bus driver that you can use a scanner as a way to find out if police are stopped on the road shooting radar. he explained that when a police car stops it automatoically turns on a beacon to let HQ know where they are, in case they get shot or something. To back up his theory, a truck stop that I was in had scanners for sale explaining that they could find police up to ten miles away. Any freq. info or general knowledge ?
Thanks

3186. Re: Chicago/Illinois info wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-03 13:42:02 UTC
From: glr@ripco.com
Message-ID: <Cx3nE3.9AB@rci.ripco.com>
Source record: 267846

DAVID BARKLEY (dbarkley@sun1.iusb.indiana.edu) wrote:
: >I'll be spending several days in Chicago next month and want to take a scanner
: >along. What's the law situation regarding scanner use and transport in
: >Illinois? I've got my amateur license, if it makes a difference.

: Isn't your licence a federal document? It would seem that no state can
: overrule it's privilages.
:
: Barkley

I believe that neither Illinois nor Wisconsin have any regulations about
using a scanner in your automobile... but Indiana does. Ask a lawyer if
you want LEGAL ADVICE.

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
email glr@rci.ripco.com for catalog on privacy & surveillance.
KEVIN MITNICK DISGUISE KIT: From your fax: (708) 356-9646 doc #903
email for uuencoded .TIF of T-Shirt Honoring the FBI

3187. Re: Detecting scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-03 14:03:47 UTC
From: domonkos@access.digex.net
Message-ID: <1l0akiubGIKD066yn@access.digex.net>
Source record: 267847

In article <kjnCwz0Lx.2I9@netcom.com>, Ken Navarre wrote:
>
> Why does a scanner tuned to 46 - 49 Mhz make someone a SCANNER SCUM
> while the same receiver tuned to 54 Mhz make one a TV hobbyist? If you're
> offended by the fact that technology has left your phone conversations a
> little less private why don't you use the ultimate countermeasure - a
> phone with a wire on it...
>
> Sheesh... I hope you're not one of the folks who sleeps better at night
> safe in the knowledge that the ECPA will make everything right with the world
> of wireless communication!
>
> just another opinion from one of those HAM SCUM... :) KC6IFF
>
> --
> Ken Navarre

This SCANNER SCUM thinks he was being humorously sarcastic...

Andy

3188. Re: Pro-43-400 channels (long!)

Newsgroup: rec.radio.scanner
Date: 1994-10-03 14:03:59 UTC
From: domonkos@access.digex.net
Message-ID: <sR0akiubGU74066yn@access.digex.net>
Source record: 267848

Considering the steps involved in the original posting it would be conceivable for someone to program blank EEPROMS w/the forbidden frequencies and then install in an 'A' version of the Pro-43. A convenient method of programming would be needed. Perhaps first program the EEPROM in a host Pro-43, then use a commercial low cost EEPROM programmer to make copies. These copies could be installed in 'A' version Pro-43's. Start of a new business, anyone?

Andy

3189. SCA - Austin TX

Newsgroup: rec.radio.scanner
Date: 1994-10-03 14:23:02 UTC
From: jeffpmil@aol.com
Message-ID: <36p446$rrc@newsbf01.news.aol.com>
Source record: 267789

Anyone familiar with SCA communications in the Lone Star capitol?

What is there to hear and where to listen -

Public or private ok

Be seeing you,
No. 6

3190. Re: PRO 2006 Scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-03 14:27:04 UTC
From: shawn4sk1@aol.com
Message-ID: <36p4bo$rsk@newsbf01.news.aol.com>
Source record: 267790

The one I just bought was shipped in from out of town and took several days and alot of waiting to get it. I'm glad I waited though.

Make sure, if it's important to you, that you check and see if they're new out of the box or floor models that had been sitting on the shelf with the power on everyday of their store life.

I don't mean this toward you specifically Rob Powell, it's just that I was told I'd get a new one and ended up with a floor model. I know the warranty still applies but I would've rather had a fresh one than been lied to by the RS guys at the store I purchased it from...

Shawn

3191. Major 2006 Dilema

Newsgroup: rec.radio.scanner
Date: 1994-10-03 14:30:06 UTC
From: dretzik@uoguelph.ca
Message-ID: <36p4he$d4l@nermal.cs.uoguelph.ca>
Source record: 267851

Well my friend forked out the cash and bought himself a 2006 and we were both extremely disappointed. First of all when you turn it on, a hissing sound comes from inside (very faint but noticeable). It sounds like the squelch isn't set right but this isn't the case. Also reception is almost nil. We were only using the supplied antenna that goes in the top and we weren't getting anything. I tried running my Pro-43 along side and it was picking up all kinds of stuff with the same frequencies we put into the 2006. We tried the two settings of the antenna switch but it still literally picked up nothing. I got it to pick up my cordless phone and a local radio station but thats about it. We couldn't even get local police. He's taking it back, but my question is, are they all like this? Should he exchange it or return it? Do they have to have an outdoor antenna to function at all? He's hoping to take it to work and he can't be using an outdoor antenna there. Hope someone can help us.

Dave

3192. Re: The Radio Spectrum

Newsgroup: rec.radio.scanner
Date: 1994-10-03 14:36:05 UTC
From: horak@convex.com
Message-ID: <36p4sl$bpv@eugene.convex.com>
Source record: 267849
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In <36l6pu$t7p@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:

>Well, here I go again. A couple more minor changes made to this guide...
>Berton Corson
>Northridge, California

> 896 - 901 Private land mobil units.

I didn't know this was allocated to an oil company :')

Seriously, great job on the list!

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

3193. Re: BC200XLT MOD

Newsgroup: rec.radio.scanner
Date: 1994-10-03 14:40:35 UTC
From: dbarkley@sun1.iusb.indiana.edu
Message-ID: <Cx3q3o.Dzx@sun2.iusb.indiana.edu>
Source record: 267792

In article <30299VHGFUWHFGODXES@profitmaker.com> mike@profitmaker.com writes:
>
>Can anyone tell me if there is a MOD available to make the BC200XLT
>receive the 26.000-35.000 freq range to pick up CB radio and 10 meter
>HAM? Thank you.
>
>Mike

If you find out, Mike, I'd like tto know too!

Barkley

3194. Re: Scanning in Europe

Newsgroup: rec.radio.scanner
Date: 1994-10-03 14:42:47 UTC
From: phn@dde.dk
Message-ID: <1994Oct3.144247.2220@dde.dk>
Source record: 267862

e90gl@efd.lth.se (Goeran Lowe) writes:

>Wooh!!! The first dane in the group i've ever seen. :-)

>Tell me what is the legal aspects of scanning in denmark. Roumors have told
>me that it is ilegal but i am not shure if it's only the police transmissions
>or scanning in general.

>But ..... since i live in south sweden (scanning everything comletely legal)
>close to denmark and radiowaves don't care about borders i can safely listen
>in to the Copenhagen police. The 84 MHz suff semed to be a little oldish
>with no tones, so instead the guy whistled to raise atention every time
>before calling a new unit. It was quit amusing to hear. (This was some years
>ago and the may have replaced the equipment and/or moved all operation to
>the 400 bands).

You have been told correctly.
Here in Denmark it actually requires special permission to own
any receiver capable of receiving above 30 MHz except for amateur and
broadcast bands. There are no exceptions for licensed hams.

Note that it's not the act of listening that is illegal, it's the
posession of the equipment.

This means that you can't find any shops in Denmark carrying scanners and
accessories for them. Instead we have to go to Sweden for equipment.

The police are still using the 84 Mhz band for all car radios. The 447 Mhz
frequencies are used by portable units only.

Danish scanner entusiasts are possibly facing a boring future. The police
are now implementing a new country wide radio system based on digital
and encrypted communication. To my knowledge the system has only been
implemented in Aalborg (northern Jutland) yet.
--
Per H. Nielsen Telephone: Int +45 42 84 50 11
Basic Applications Fax: Int +45 42 84 52 20
Dansk Data Elektronik A/S, Herlev, Denmark E-mail: phn@dde.dk

3195. Re: Pro 34 Mod "Hints"

Newsgroup: rec.radio.scanner
Date: 1994-10-03 14:43:45 UTC
From: horak@convex.com
Message-ID: <36p5b1$g5s@eugene.convex.com>
Source record: 267787

In <36n0tj$6qj@usenet.INS.CWRU.Edu> fj033@cleveland.Freenet.Edu (James A. Greenberg) writes:

>Below is a file I found regarding mods for the RS Pro 34:

I'm not sure who asked for these mods or why they were posted but I've seen a lot of folks do the 66-88 mod thinking it is going to work and they get very dissapointed when it doesn't AND they loose the 30-54 band.

Here is a mod file I constructed years ago.....

Pro34 Mods

Remove the four screws from the back of the unit, then remove the batteries. Gently remove the back cover from the unit. You will need to de-solder the antenna from the top board. Then remove the nuts holding the squelch and volume pots. There may be a wire at the other end of the top board to de-solder, which I think is mainly for grounding purposes. Then, there are four hex screws holding the top board on. Remove these and carefully wiggle the top board loose from the bottom. I say wiggle because there is a multi pin connector to unhook. Once unplugged, slide it out horizontally so that the volume and squelch pots slide out with the board. Then there are three screws to remove to lift the metal shielding from the bottom board. Once you have the bottom board in plain view, you should see D9, D10, D11 and D12 on one side of the board. Cut one lead of D11 and seperate the leads so they dont touch. This removes D11 from the circuit and adds the 800 mhz cellular phone bands to your scanner. It is a hassle to get to D11, but the added frequencies are worth it in my opinion. Of course, LISTENING TO CELLULAR PHONE CALLS IS ILLEGAL! There are other mods that do various things to the diodes but these mods are of little value. One, for instance, adds the 66-88 Mhz band but it also removes the 30-54 Mhz band at the same time. In addition, many units won't even pick up anything in the 66-88 band without major realignment. I know mine won't! There is one other mod that's worth doing. I can't remember the part designation, but there is a ceramic 2 Mhz crystal on the logic board (probably blue in color), near the main CPU You can replace it with a 3.4, 3.55 or similar value for increased scanning speed. If you go over 4 Mhz, your CPU *may* not be able to maintain its integrity. If you use a normal crystal, you'll have to bend the leads over and lay the crystal flat over a nearby chip. It will fit though and it works! Make sure the crystal leads and the crystal body are insulated from touching any other circuits. If you use the two second delay, it will be affected by the crystal. The delay time will be reduced by increasing the crystal frequency. When you put the unit back together, make sure the key lock switch is intact. Mine fell out and I

didn't notice it was missing until I had everything back together. Also, don't get the antenna connection too awful hot. There is a surface mount cap near the underside that will fall off if you apply too much heat. This is the input cap from the antenna. You'll notice decreased signal strength after you put it all together again. It can be a real bear trying to put surface mounted parts back on the board!! Trust me ;-)

Have fun. If you really screw up your radio, it's NOT MY FAULT !!!!!!
David Horak N5OFQ

3196. wx feeds for the computer

Newsgroup: rec.radio.scanner
Date: 1994-10-03 15:09:14 UTC
From: jhoaglun@gate.net
Message-ID: <36p6qq$12o5@tequesta.gate.net>
Source record: 267850

I would like to find out more about how to recieve wx data on shortwave
and how to transport that data to my computer. I know that people are
doing it but I haven't been able to find much in the way of info.

Thanks.
jhoaglun@gate.net

3197. Re: Pro-43-400 channels (long!)

Newsgroup: rec.radio.scanner
Date: 1994-10-03 15:27:35 UTC
From: mills@galaxy.nsc.com
Message-ID: <Cx3s9z.A3M@voder.nsc.com>
Source record: 267854

I'm wondering if anyone has attacked the major problem of the Pro 43:
That of intermod. My quick measurerments show it is about 40 dB
Even low end radios such as marine and ham are better than 60 dB.
Real radios like GE and Motorola commercial are better than 80dB.

Has anyone looked into improving the intermod performance? Even
a step up to "consumer quality' of 60 db would be vast
improvement.

3198. Radio Shack pro-gun

Newsgroup: rec.radio.scanner
Date: 1994-10-03 15:41:46 UTC
From: sgothard@boi.hp.com
Message-ID: <Cx3sxo.Kus@boi.hp.com>
Source record: 267852

Radio Shack Leonard H Roberts
A Division of Tandy Corporation President
Executives Offices
1900 One Tandy Center
Fort Worth, TX 76102
817-390-3700
September 29, 1994

Mr. Wayne R. LaPierre, Jr. Ms. Tanya Metaksa
Executive Vice President Executive Director
National Rifle Association National Rifle Association
11250 Waples Mill Road 11250 Waples Mill Road
Fairfax, VA 22030 Fairfax, VA 22030

Dear Mr. LaPierre and Ms. Metaksa

I appreciate having the opportunity to meet with you today to clear up whatever confusion may have arisen from a brochure bearing Radio Shack's logo which had not yet been authorized to be distributed to the public. This brochure was one of nine pieces of literature prepared for United Against Crime, a nationwide public/private campaign underwritten by Radio Shack to help Americans safeguard themselves against crime.

Unfortunately, and without the knowledge of Radio Shack senior management, the brochure contained a paragraph which could only be construed by some as an endorsement of gun control by our company. When the paragraph in question was brought to my attention, I ordered the entire supply of this brochure destroyed for two reasons:

First, it does not reflect Radio Shack policy. Radio Shack endorses responsible gun ownership for those who choose to own guns and gun owner safety and education, cornerstone principles of the NRA, to my understanding.

Second, and most important, we knew that any anti-gun language would be offensive to, and against the personal beliefs of, Congressman Jack Brooks, who, as all Texans know, is probably the NRA's staunchest ally in Congress in the battle against restrictive gun laws.

When we informed Congressman Brooks about the unauthorized brochure, he strongly agreed that it be destroyed forthwith. In accordance with his wishes, and because of our own company policy, we ordered the entire supply of brochures destroyed.

Any further distribution of this brochure is a direct violation of my personal order to all Radio Shack personnel to destroy it.

Thank you for allowing me to correctly state Radio Shack's position.

Sincerely,

Leonard H. Roberts
--

3199. Pro-2006 IF's

Newsgroup: rec.radio.scanner
Date: 1994-10-03 16:20:43 UTC
From: rbailey@nucleus.com
Message-ID: <Cx3uqK.Ewt@nucleus.com>
Source record: 267869

I just had some troubles with my pro-2005 and had to calculate and check all of the IF's. When tuned to 800.495Mhz (and below I think??) the first IF is 607.505Mhz (ie 1st VCO is 1.408Ghz), and when tuned to 800.500Mhz (and above) the 1st IF is 611.500Mhz (1st VC) is 1.412Ghz). The second IF is 48.500Mhz (2nd VCO's are 559.005Mhz and 563.000Mhz, respectively at frequencies above. This VCO 'steps' with the tuned frequency). The third IF is 455Khz for NFM and AM and 10.700Mhz for WFM.

BTW, the problem with my radio was a bad 48.045Mhz crystal on the 3rd mixer, made NFM and AM out by 10Khz but didn't change WFM.

Hope it helps.
Rob Bailey, WSC, Northern Telecom.
rbailey@nucleus.com

3200. Re: Major 2006 Dilema

Newsgroup: rec.radio.scanner
Date: 1994-10-03 16:21:37 UTC
From: zenith89@bnr.ca
Message-ID: <zenith89-031094122138@47.80.2.73>
Source record: 267855

In article <36p4he$d4l@nermal.cs.uoguelph.ca>, dretzik@uoguelph.ca (David Retzik) wrote:

> Well my friend forked out the cash and bought himself a 2006 and we were
> both extremely disappointed.... I tried running my Pro-43 along side
> and it was picking up all kinds of stuff with the same frequencies we put
> into the 2006. We tried the two settings of the antenna switch but it
> still literally picked up nothing.

Ok, you are using the "whip" and have checked the position of the "ATT" switch on the back. Next I would make sure that you have the "MODE" set correctly, ie. use NFM for cops & cordless phones, WFM for FM radio stations and AM for aircraft comms. If you have somehow set the wrong mode you'll usually get zip.

Other than that, I'd say it's busted and to return it. BTW, the hissing is normal and a working 2006 is a joy. I find my 2006 more sensitive than my PRO-43 and more resistant to intermod as well.

--
Chris Van Fleet, Bell Northern Research.
Phone (613) 763-7541, fax (613) 763-7383.
Internet: zenith89@bnr.ca or ba794@freenet.carleton.ca

3201. Need Merrimac Phone Number

Newsgroup: rec.radio.scanner
Date: 1994-10-03 16:35:00 UTC
From: sysop@pfzrfsg.com
Message-ID: <29e.3684.21@pfzrfsg.com>
Source record: 267853

Can someone please supply the phone number of Merrimac (sp?).

Please reply to: sysop@pfzrfsg.com or via this newsgroup.

Thanks for any assistance.

Internet E-Mail: sysop@pfzrfsg.com (System Supervisor)

3202. DDI/D & Pro-2006 for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-03 16:54:51 UTC
From: rbn@apple.com
Message-ID: <36pd0r$p73@apple.com>
Source record: 267856
Cross-posted to: rec.radio.scanner,rec.radio.swap

For sale as a package: Pro-2006 and DDI/D control box. The DDI/D plugs into the Pro-2006. If you don't know what this package is, you probably aren't looking for it.

Asking $850 or best offer.

rbn@apple.com

3203. Pro 43 Mods

Newsgroup: rec.radio.scanner
Date: 1994-10-03 17:23:37 UTC
From: brgrant@aloha.com
Message-ID: <36pemp$nv6@mango.aloha.com>
Source record: 267857

Could someone please post the mods for the Pro 43 here please. I have
been E mailed some but they differ in what diode to remove. I am hoping
that if they are posted here then they will all be the same.

Brian

--
\|/ ____ \|/ A day without fusion is like a day without sunshine.
@~/ ,. \~@ =-=
/_(_ /)_\ Brian Grant 1D FB 7B E0 B8 D3 2B 51 E1 89 41 A1 C2 5D D2 64
__U_/ brgrant@aloha.com PGP key on server

3204. Radio Shack

Newsgroup: rec.radio.scanner
Date: 1994-10-03 17:28:53 UTC
From: jcarter@orl.mmc.com
Message-ID: <36pf0l$c8n@theopolis.orl.mmc.com>
Source record: 267861

I just heard Radio Shack had orders from above to pull all
PRO23, PRO46, PRO51 and 2026 off the market in the USA including
all layaways.

Has anyone heard this?

Jim

o o ooo o o ooo oo o o | James A. Carter | Jcarter@orl.mmc.com
o o o o o o o o o oo o | MARTIN MARIETTIA | FCC Lic. KD4PON
o o o o o o o o o o o o | Electronics & | These views are my own and
o o o o oooo ooo o o o oo | Missiles Division | not that of my employer.
o o o o o o o o o oo | Orlando, Florida |
o o ooo o o oo o o | 32855 | Thanks Jim

3205. Re: Undiscovered 2006 mod

Newsgroup: rec.radio.scanner
Date: 1994-10-03 17:58:10 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cx3z8y.69K@freenet.carleton.ca>
Source record: 267871

In a previous article, barry@garion.it.com.au (Barry O'Grady) says:

>> I've found that if you clip the wires that feed the internal speaker,
>> it does wonders for the squelch. I've not noticed any static on
>> any freq since I've done this.
>>
>> However, I've not been getting any "hits" lately. Could it be related?
>
>I have heard of the mod you describe and also that it has a small side
>effect of removing all audio. However if you don't want to listen to
>your scanner then it should not be a problem.
>
This could be a loophole in the ECPA!!! You can monitor the FORBIDDEN
FREQUENCIES all day and NO ONE WILL KNOW.... (GRIN!)

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

3206. Re: wx feeds for the computer

Newsgroup: rec.radio.scanner
Date: 1994-10-03 18:03:43 UTC
From: hammer@crl.com
Message-ID: <36ph1v$bjv@crl4.crl.com>
Source record: 267858

John Hoaglun (jhoaglun@gate.net) wrote:
: I would like to find out more about how to recieve wx data on shortwave
: and how to transport that data to my computer. I know that people are
: doing it but I haven't been able to find much in the way of info.

: Thanks.
: jhoaglun@gate.net

John,

I would like to also find if their is interest. I have this grand idea
to take a local broadcasters Doppler radar and put it into a digital
format and then put it out via 9600 baud packet. This should help the
local wx watchers etc. Besides I would like to have it in my truck too
right next to the moving map display .. Or even better .. Another window
that could pup up.

Thanks
hammer@crl.com

3207. Re: Major 2006 Dilema

Newsgroup: rec.radio.scanner
Date: 1994-10-03 18:05:45 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cx3zLL.6qB@freenet.carleton.ca>
Source record: 267872

In a previous article, dretzik@uoguelph.ca (David Retzik) says:

>Well my friend forked out the cash and bought himself a 2006 and we were
>both extremely disappointed. First of all when you turn it on, a hissing
>sound comes from inside (very faint but noticeable). It sounds like the
>squelch isn't set right but this isn't the case. Also reception is
>almost nil. We were only using the supplied antenna that goes in the top
>and we weren't getting anything. I tried running my Pro-43 along side
>and it was picking up all kinds of stuff with the same frequencies we put
>into the 2006. We tried the two settings of the antenna switch but it
>still literally picked up nothing. I got it to pick up my cordless phone
>and a local radio station but thats about it. We couldn't even get local
>police. He's taking it back, but my question is, are they all like
>this? Should he exchange it or return it? Do they have to have an
>outdoor antenna to function at all? He's hoping to take it to work and
>he can't be using an outdoor antenna there. Hope someone can help us.
>
Bring it back!!! You should be able to get the same stuff as with the
handheld. Sounds like a defective set.

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

3208. Re: SCANNING THE ROAD

Newsgroup: rec.radio.scanner
Date: 1994-10-03 18:12:20 UTC
From: rtm@newton.apple.com
Message-ID: <rtm-031094191220@kip-63.apple.com>
Source record: 267800

In article <36q2f2$luf@hprcl192.mayfield.hp.com>, jallbrig@mayfield.hp.com
(Jan Allbright) wrote:

> On Mon, 03 Oct 94 13:33:43 , russell.turns@chrysalis.org wrote:
>
> : I heard from a bus driver that you can use a scanner as a way to find out if
> : police are stopped on the road shooting radar. he explained that when a police
> : car stops it automatoically turns on a beacon to let HQ know where they are, in
> : case they get shot or something. To back up his theory, a truck stop that I
> : was in had scanners for sale explaining that they could find police up to ten
> : miles away. Any freq. info or general knowledge ?
> : Thanks
>
> One of the things that happens when a CHP gets out of his/her car
> is that a mobile extender is turned on. The mobile extender trans-
> cieves the 42 Mhz freq of the car to a 158 Mhz freq of the handi-
> talk used by the officer. The extenders are very low powered and thus
> have short range...If you listen for activity on this extender freq.
> you will be alerted to units close by...
>

The frequency used by the California Hiway Patrol extenders is 154.905 MHz.
Different states use different schemes.

--
73-
Bob Martin N6MZV * rtm@newton.apple.com
Apple Computer, Inc *

3209. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-03 18:18:24 UTC
From: gesman@io.org
Message-ID: <36phtg$hak@ionews.io.org>
Source record: 267777

In article <1994Oct2.204931.2983@hnrc.tufts.edu>,
Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
>In article <36nfks$1hi@eri.erinet.com>, kenneth@eri.erinet.com (Kennith Sprinkles Jr.)
writes:
>> In the ads for the Icom R-7100 the frequency range says 25 - 2000mhz.
>> Now my question is is this 25khz or what. I am new to this and looking
>> for a good scanner that covers just about everything and this looks like
>> a good choice, any comments or suggestions would be appreciated.

Get a Yupiteru MVT-7100 from Canada. It covers 0.5-1650 MHZ with no gaps.
Quite reliable, very sensitive, 1000 channels, 30ch/sec scan speed,
supports AM, FM, WFM, USB, LSB. I've got mine for $CAN 740+7% tax.

--
Gleb Esman.

3210. Re: RadioMap service expands into OH, PA, MO (and IL, IN, MI,

Newsgroup: rec.radio.scanner
Date: 1994-10-03 18:33:50 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.487.001290ED@ccm.hf.intel.com>
Source record: 267797
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,sci.electronics.repair

In article <36nq1k$me3@jupiter.planet.net> billsohl@earth.planet.net (Bill Sohl Budd Lake) writes:
>Glen Roberts (glr@ripco.com) wrote:
>: Kenneth E. Harker (Kenneth.E.Harker@Dartmouth.Edu) wrote:
>: : This is a blatant commercial advertisement and has no place on the
>: : USENET. Please do not support the encroachment of commercialism and
>: : junk mail on the newsgroups.

>: I think his idea is pretty cool... unique... and I like reading about it,
>: blantently commercial or not.

>I agree and I'll add a note that the internet has long ago crossed
>the line into commercialization. Best just accept it, although Ken
>is certainly entitled to his opinion.

The National Science Foundation is no loger in control of sections of the internet and as a result, there are no official rules against advertising on the net. The only thing regulating advertising now are the readers who get upset when they see ads. If the ad is directly related to the newsgroup and is presented in an informative, no-hype, manner, then I welcome this information.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3211. Re: Major 2006 Dilema

Newsgroup: rec.radio.scanner
Date: 1994-10-03 18:46:07 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Oct3.134607.2986@hnrc.tufts.edu>
Source record: 267859

In article <36p4he$d4l@nermal.cs.uoguelph.ca>, dretzik@uoguelph.ca (David Retzik) writes:
> Well my friend forked out the cash and bought himself a 2006 and we were
> both extremely disappointed. First of all when you turn it on, a hissing
> sound comes from inside (very faint but noticeable). It sounds like the
> squelch isn't set right but this isn't the case. Also reception is
> almost nil. We were only using the supplied antenna that goes in the top
> and we weren't getting anything. I tried running my Pro-43 along side
> and it was picking up all kinds of stuff with the same frequencies we put
> into the 2006. We tried the two settings of the antenna switch but it
> still literally picked up nothing.

My impression is that all things being equal (i.e., in the same location with supplied antennas), the 2006 should be a bit better than the 43. I'd try another before I gave up. The faint but noticeable hiss (mine is more of a hum with a hiss component) seems to be a characteristic of the unit. The quieter the listening room, the more noticeable the humm/hiss. If you listen for it in the store, you'll barely hear it due to background noise.

3212. Re: Radio Shack pro-gun

Newsgroup: rec.radio.scanner
Date: 1994-10-03 18:49:11 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Oct3.134911.2987@hnrc.tufts.edu>
Source record: 267860

In article <Cx3sxo.Kus@boi.hp.com>, sgothard@boi.hp.com (Steve_Gothard) writes:
>
> First, it does not reflect Radio Shack policy. Radio Shack endorses
> responsible gun ownership for those who choose to own guns and gun
> owner safety and education, cornerstone principles of the NRA, to my
> understanding.
> Sincerely,
>
> Leonard H. Roberts
> --
>

RS has a *corporate stance* with regard to gun control!?!?!?!?!?!?

3213. A FAQ on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-10-03 19:12:33 UTC
From: davidm@iglou.com
Message-ID: <XU5akK7gXTrM072yn@iglou.com>
Source record: 267867
Cross-posted to: rec.radio.scanner,alt.radio.scanner

During the latest round of "can I listen to cellular phone" messages in rec.radio.scanner, I tried to find a FAQ on scanner laws. All I can find at rtfm.mit.edu is one paragraph about the ECPA in one FAQ devoted to scanners in general. Therefore, unless someone sends me email telling me where to find one thats already in existence, I'm going to start working on one.

And here, boys and girls, is where you good people come in. I know which states have state laws that govern scanners, and I know which federal laws govern scanners, so all that is pretty much covered. What I don't have is much information on which particular cities and/or counties have their own ordinances that govern scanners. If you know of a city or county that has their own ordinance, I'd appreciate it if you could let me know about it via email. If possible, send me the appropriate citation (for example, Kentucky's law is KRS 432.570), and if you could send me a copy of the actual law I'd be thrilled! But if all you can send is a message telling me "I know Podunk has a scanner law, but I don't know what it is!" well, that helps too. That atleast tells me where I need to look.

Oh yeah, I guess I should mention, initially I'm concentrating on the United States, but since a lot of people travel, I would be open to the idea of at some point expanding it to cover atleast Canada and Mexico, so if you've got some information for those countries, by all means, send it along!

David
davidm@iglou.com

3214. Re: Radio Shack pro-gun - GOOD!

Newsgroup: rec.radio.scanner
Date: 1994-10-03 19:37:02 UTC
From: abe@rabbit.corp.sgi.com
Message-ID: <36pmgu$t8@fido.asd.sgi.com>
Source record: 267864

[No readable article body recovered]

3215. Re: Inversion Encryption

Newsgroup: rec.radio.scanner
Date: 1994-10-03 19:45:28 UTC
From: abe@rabbit.corp.sgi.com
Message-ID: <36pn0o$t8@fido.asd.sgi.com>
Source record: 267866

|> The basic question is what is the cost of the technology. As the systems
|> |> get more secure they cost more. Really cheap 46/49Mhz phones (less
|> than
|> $150) are on the market which have the multisegment frequency inversion
|> |> randomly chosen. This is beyond any SSB or ramsey kit decoding,
|> since
|> they can only do single (all audio is one segment) segment inversion.
|>
|> Its really not as easy as people make is sound here.
|>
|> Mick
|> (ac6eu)

Would you care to elaborate on which cordless phone manufacturers are
using your description of "Better, Best, and Wonderful" frequency
inversion scrambling which is beyond the Ramsey kit decoding product?

Thanks, ...Abe

--
Abe Collins | Silicon Graphics, Inc. MS/14L-135 | Ph:
415.390.3026
Channel Development | 2011 N Shoreline, Mt.View CA 94043 | Fx:
415.390.6325

Internet CompuServe Prodigy America Online Netcom
abe@sgi.com 70741,56 TJDU70A AbeSGI
abec@ix.netcom.com

All wiyht. Rho sritched mg kegtops awound?

3216. Scantenna vs. D-130J discone

Newsgroup: rec.radio.scanner
Date: 1994-10-03 19:51:55 UTC
From: ryan@chaos.mcs.mu.edu
Message-ID: <36pncr$4d6@spool.mu.edu>
Source record: 267865
Cross-posted to: rec.radio.scanner,rec.radio.amateur.antenna

I'm looking for a good reception antenna that can cover 6M, 2M, 70cm and 900MHz omnidirectionally. It seems like both the Diamond 130J discone and the AntennaCraft Scantenna would be suitable for this. Anyone have recommendations? I'm sure many other people would be interested in this also, since these two antennas seems to be fairly popular.

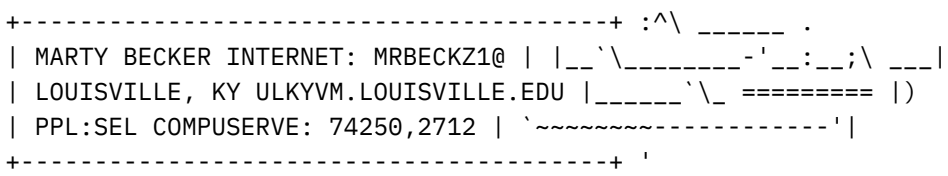
--

Ryan K. Brooks ryan@chaos.mcs.mu.edu
"Is is and isn't isn't."

3217. Re: Pro-43 Mods.

Newsgroup: rec.radio.scanner
Date: 1994-10-03 20:05:44 UTC
From: MRBECKZ1@ulkyvm.louisville.edu
Message-ID: <17044E25AS85.MRBECKZ1@ulkyvm.louisville.edu>
Source record: 267870

D4 needs to be removed from the third circuit board.



In article <cb91s124.9xe5@sycom.mi.org>
cb91s124@sycom.mi.org (Corey Berger) writes:

>Does anyone know what Chip, Diode, or Reistor to pull in the pro-43 to
>release the locked out channels? It would be greatly appreciated....and what
>model or series can be modified?
>
>Thanks..
>

3218. Re: Disney World freqs

Newsgroup: rec.radio.scanner
Date: 1994-10-03 20:26:17 UTC
From: zen@ccs.neu.edu
Message-ID: <36ppda$8ol@narnia.ccs.neu.edu>
Source record: 267775

Troyce (Troyce@bio.tamu.edu) wrote:
: I'm going to Disney World after Thanksgiving, and was wondering if anyone
: had any of the freqs they use in the park? I'll probably be packing my
: little Pro-46 for listening some in the hotel room. I'll also have my HT,
: but have the repeater directory to take care of that.

I got'em on my web page (http://dice.dac.neu.edu/Homepages/paul).. It was
posted on here, I just grabbed it & through it up.. If ya can't get to a
web browser, lemme know and I will email them to ya...
Paul

Paul Nash ||------- PGP Key Available By Fingering me-----------
zen@denali.ccs.neu.edu ||---

3219. Re: Military SATCOM advice needed!

Newsgroup: rec.radio.scanner
Date: 1994-10-03 20:28:43 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <36pphr$egh@umcc.umcc.umich.edu>
Source record: 267873

In article <wbishopCwzFCr.7xF@netcom.com>,
Bill Bishop <wbishop@netcom.com> wrote:
>Harold G. Peach Jr. (hpeach@ca.uky.edu) wrote:
>: Last Christmas I received a Grove ScannerBeam as a gift. I am now getting around to putting it
>: up (I have a lot of half-built kits too). My thought has been that my main use for this antenna
>: would be to receive military satellites in the 200-400 MHz band. To do this is going to require
>: the outlay of some additional cash so I have a few questions:
>
>: 1) Is there enough traffic being transmitted in the clear via these birds to make the investment
>: worthwhile? What type of comms (i.e., would I be able to listen to the operations going on in
>: Haiti if I had this in place now or would I just pickup routine stuff?) can one expect to hear?
>
>With the DSCS III and IV birds up there... no.

Ever seen a commo grunt with a DSCS terminal on his back? I
didn't think so. Now, what about someone with a URC-110/112 or LST-5? I
hope so, since there are thousands of them in the inventory.

My point is that DSCS is nice for the strategic C3,I & NCA stuff,
but for conventional military tactical operations, the FLTSAT/LEASAT/et
al. stuff is used.

> >: 2) Is the typical mode FM, SSB, or what? > >
>Classified.

Methinks you're thinking along the lines of DSCS. The guy was
talking about FLTSAT.

The analog-voice modes are FM. Sometimes regular AM-mode
military aircraft comms are retransmitted, if they happen to be taking
place on what turns out to be a SATCOM uplink channel. Secure modes
are all pretty much digital these days. SOme of the newer UHF SATCOM
gear has integrated COMSEC ('ICOM') cypto gear, whereas the older
terminals (many are still in use) have separate KY-57/58s, SUNBURST
processors, etc. Many of the nets on UHF SATCOM use DAMA -- Demand
Assigned Multiple Access -- to increase spectrum efficiency. JCS has
required that the UHF SATCOM users (military & certain federal agencies)
have DAMA-compliant radios by OCT '96.

As for DSCS, in the past, Aviation Week & Space Technology,
SIGNAL, Army Communicator, Defense Electronics, Journal of Electronic
Defense, etc. have discussed DSCS, including a little info on the
modulation techniques. It basically uses a spread-spectrum, pseudorandom
scheme for all the voice, data, & video info. It is set up to be a
secure, somewhat survivable (this was deemphasized, to boost the MILSTAR
PR), anti-jam global C3,I network. Just going from memory, it uses the 7
& 24GHz ranges for the up & downlinks. Don't quote me on that, cuz I get
some of that stuff confused with MILSTAR...

A

>
>: 3) Is it reasonable to assume that a log periodic, 10dB preamp, and a PRO-2004 (feeding
an
>: ICOM 745 if SSB is needed) will do a decent job?
>
>The frequencies are so far up there, its beyond the reach of even the 2Gig
>radios Ive seen.
>

Again, the original questions concerned the UHF SATCOM range,
roughly 240-320MHz with a few exceptions.

>: 4) WHO MAKES AN INEXPENSIVE, REMOTELY POWERED PREAMP THAT WOULD WORK
>: FOR THIS APPLICATION?
>
>: 5) WHERE CAN I FIND AN INEXPENSIVE, LIGHT DUTY AZ-EL ROTOR FOR THIS
>: APPLICATION?
>
>: 73, Harold
>: ---
>: Harold
>: hpeach@ca.uky.edu
>
>I spent 4 years in SatCom in the Air Force..

!!!

>See ya.
>
>
>--
>Chinchilla Bill - New and Improved - Now comes with 2 chinchillas!
>San Jose, California wbishop@caere.com

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie: T.Tyler5 AOL: Hooligan MCI: 442-5735
Ypsilanti MI
48197 This product was not tested on any animals.

3220. Re: http site address

Newsgroup: rec.radio.scanner
Date: 1994-10-03 20:28:49 UTC
From: zen@ccs.neu.edu
Message-ID: <36ppi1$8ol@narnia.ccs.neu.edu>
Source record: 267776

```
: Pretty cool. I've got a little site myself, but since I only have a 750k
: quota on the machine, it's not gonna have graphics anytime soon. Try
: http://rever.nmsu.edu/~weasel
: I've noticed that sometimes Mosaic chokes on that, so if that fails, try
: http://rever.nmsu.edu,
: select 'users', then scroll down and select 'weasel.' If that fails,
: email me. :)
As of now, I got no quota, so if you wanna throw any of yer stuff up on my
site, lemme know.... I'm trying to get a massive frequency & mod list going
so anything you can send over will help...
Paul

_______________________________________________________________________________
Paul Nash ||------- PGP Key Available By Fingering me-----------
zen@denali.ccs.neu.edu ||-------------------------------------------------
-------------------------------------------------------------------------------
```

3221. CI-V Protocol for OS456

Newsgroup: rec.radio.scanner
Date: 1994-10-03 20:36:56 UTC
From: schumann@crl.com
Message-ID: <36pq18$jev@crl4.crl.com>
Source record: 267874

Okay, I just spoke to a tech over at OptoElectronics about their Serial Interface Specification for the OS456, and was told that it is available as a text file on CompuServes' HAMNET.

As I don't have a CompuServe account, I would appreciate it if some *kind* soul would either email it to me or post it here.

TNX & best 73

--

James Schumann, KE6DMY
schumann@crl.com
KE6DMY @N6EEG.#NOCAL.CA.USA.NOAM

--finger for PGP

3222. Re: WANTED: DTFM Decoder

Newsgroup: rec.radio.scanner
Date: 1994-10-03 20:51:54 UTC
From: abe@rabbit.corp.sgi.com
Message-ID: <36pqta$t8@fido.asd.sgi.com>
Source record: 267778

In article <13839XVWGMDLVMFQVMP@aceinfo.com>, worlord@aceinfo.com writes:
|>
|> Hello,
|> I'am looking for a DTFM Decoder circuit/box for my Pro-2006.
|> Does anybody know where I could get one?
|>
|> Later
|> Eric

I think Ramsey Electronics has a DTMF decoding kit for about $60. Most of these decoders use a crystal controlled single-chip DTMF decoder IC that provide a 4-bit output to decode 0-9, *, #, A, B, C, D. They are pretty easy to make if you can find the DTMF chip. Radio Shack carried one a couple years ago but they no longer have them. There's another company that advertises in some of the HAM radio type magazines that have a DTMF to serial port kit which allows you to decode DTMF and log the data to your PC. This kit sells for about $99.

--
Abe Collins | Silicon Graphics, Inc. MS/14L-135 | Ph:
415.390.3026
Channel Development | 2011 N Shoreline, Mt.View CA 94043 | Fx:
415.390.6325

Internet CompuServe Prodigy America Online Netcom
abe@sgi.com 70741,56 TJDU70A AbeSGI
abec@ix.netcom.com

All wiyht. Rho sritched mg kegtops awound?

3223. Re: Pro43 and Pro39 on sale at RS

Newsgroup: rec.radio.scanner
Date: 1994-10-03 21:29:33 UTC
From: lapinski_emery@jpmorgan.com
Message-ID: <199410032129.RAA25657@fishers.ny.jpmorgan.com>
Source record: 267779

In article <keithr.58.00AB3A70@primenet.com>,
Keith Rowland <keithr@primenet.com> wrote:
>In article <36f55c$c1@delphinium.cig.mot.com> sbonnema@rtsg.mot.com (Stuart D. Bonnema)
writes:
>
>>RS started a sale this morning (9/29/94) on the Pro43 ($299)
>>and the Pro39 ($219). It runs through the end of October (10/29).
>
>Now should we beware of newer unmodifiable units or are older PRO-43s still
>available?

I just got a pro43 about 1 hour ago from the RS at 9 Broadway in downtown
NYC. It's got a little tag on that says 1A4 and the serial number does
not contain an A. I'm assuming this is modifiable, but I don't know
anything about it really. The guy had to dig in the back for me to
find it. (I sure hope it is ok.)

-Emery
--
lapinski_emery@jpmorgan.com I speak only for me, not for my employer.
GCS d(++) H s-/+ g+(?) p? !au a- w+ v? C++ U++$ P--- L++ 3+ E--- N+++ K+ W---
M? !V po-(+++) Y+ t+ 5- j R(-)G? tv++ b++(-) !D B--- e-(++) u+ h+ f?(--) r-(--)
n+ y+++* The Geek Code is copyright 1993,1994 by Robert A. Hayden.

3224. Best ant. for 2006? (discone?)

Newsgroup: rec.radio.scanner
Date: 1994-10-03 21:44:58 UTC
From: dbarton@unix.cc.emory.edu
Message-ID: <36pu0q$284@emoryu1.cc.emory.edu>
Source record: 267780
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner

I will soon be the proud owner of a Pro-2006 scanner, and was wondering what kind of antenna to hook up to it. I have heard good things about the RS discone, but any other suggestions would be appreciated.

Thanks in advance,

Doug
KE6LZM

3225. Pro 2029

Newsgroup: rec.radio.scanner
Date: 1994-10-03 21:52:16 UTC
From: John.White%bbs@dmapub.dma.org
Message-ID: <1994Oct03.175216.15278@dmapub.dma.org>
Source record: 267799

Does anybody own a Radio Shack Pro-2029? ...And do you know
of any mods for it?

- John White (john.white%bbs@dmapub.dma.org)

.....Thanks in advance...

--
John White, user of the UniBoard System @ dmapub.dma.org
E-Mail: John.White%bbs@dmapub.dma.org
The Dayton Microcomputer Association Voice: (513) 848-6362
Public Unix Access System, Dayton, OH. Data: (513) 229-3787

3226. Re: Wanted St. Louis MO Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-03 22:01:38 UTC
From: dlblac@ccmail.monsanto.com
Message-ID: <1994Oct3.195901.14081@tin.monsanto.com>
Source record: 267868

In article <1166008@MTS.cc.Wayne.edu>, <Jim_Klein@MTS.cc.Wayne.edu> writes:
> Path:
monsanto.com!wupost!spool.mu.edu!howland.reston.ans.net!cs.utexas.edu!not-for-m
ail
> From: Jim_Klein@MTS.cc.Wayne.edu
> Newsgroups: rec.radio.scanner
> Subject: Wanted St. Louis MO Frequencies
> Date: 30 Sep 1994 11:34:23 -0500
> Organization: UTexas Mail-to-News Gateway
> Lines: 6
> Sender: nobody@cs.utexas.edu
> Message-ID: <1166008@MTS.cc.Wayne.edu>
> NNTP-Posting-Host: news.cs.utexas.edu
>
> I will be spending several days at the St. Louis Holiday Inn
> Downtown Convention Center in a few weeks. If you have some
> good frequencies you can share with me, I would appreciate it.
> Thank you in advance.
>
> Jim email --> usergczz@mts.cc.wayne.edu

I have several, but am having problems reaching your address. Do you have another? I don't want to post the 200 some odd freqs.

3227. Re: Major 2006 Dilema

Newsgroup: rec.radio.scanner
Date: 1994-10-03 22:05:07 UTC
From: rwalker@sim.es.com
Message-ID: <36pv6j$b39@orca>
Source record: 267784

In article <36p4he$d4l@nermal.cs.uoguelph.ca>, dretzik@uoguelph.ca (David Retzik) says:
>
>Well my friend forked out the cash and bought himself a 2006 and we were
>both extremely disappointed. First of all when you turn it on, a hissing
>sound comes from inside (very faint but noticeable). It sounds like the
>squelch isn't set right but this isn't the case. Also reception is
>almost nil. We were only using the supplied antenna that goes in the top
>and we weren't getting anything. I tried running my Pro-43 along side
>and it was picking up all kinds of stuff with the same frequencies we put
>into the 2006. We tried the two settings of the antenna switch but it
>still literally picked up nothing. I got it to pick up my cordless phone
>and a local radio station but thats about it. We couldn't even get local
>police. He's taking it back, but my question is, are they all like
>this? Should he exchange it or return it? Do they have to have an
>outdoor antenna to function at all? He's hoping to take it to work and
>he can't be using an outdoor antenna there. Hope someone can help us.
>
>
>Dave

Check the attenuation switch on the back of the set. It is probably
switched to the on position.

3228. Re: Radio Shack pro-gun

Newsgroup: rec.radio.scanner
Date: 1994-10-03 22:07:04 UTC
From: smacken@aol.com
Message-ID: <36pva8$58c@newsbf01.news.aol.com>
Source record: 267782

Thank you Mr. Roberts for your candor.

I am pleased to see that RS does make a mistake from time to time and is willing to admit it.

Thanks

Steve MacKenzie

3229. Re: Undiscovered 2006 mod

Newsgroup: rec.radio.scanner
Date: 1994-10-03 22:10:15 UTC
From: rwalker@sim.es.com
Message-ID: <36pvg7$b4e@orca>
Source record: 267785

In article <36p5vk$ifg@garion.it.com.au>, barry@garion.it.com.au (Barry O'Grady) says:
>
>> I've found that if you clip the wires that feed the internal speaker,
>> it does wonders for the squelch. I've not noticed any static on
>> any freq since I've done this.
>>
>> However, I've not been getting any "hits" lately. Could it be related?
>
>I have heard of the mod you describe and also that it has a small side
>effect of removing all audio. However if you don't want to listen to
>your scanner then it should not be a problem.
>
>
There are a couple of other mods that produce similar results which can
be done without voiding the warranty (if you're concerned about it)

1. Stick an earphone adapter (a mono to stereo adapter available at RS
works fine) in the earphone jack without the head phones.
2. Take out the batteries and disconnect all power.

regards, r.w.

3230. Me TOO!!

Newsgroup: rec.radio.scanner
Date: 1994-10-03 22:20:09 UTC
From: djansen@rocket.cc.umr.edu
Message-ID: <1994Oct3.222009.10108@umr.edu>
Source record: 267796

I used to work at Radio Shack. Just be patient. Get to know your Radio Shack salesmen. They are very knowledgable, and will be of any service to you that they can be. I would simply ask one to give you a call(give them your phone number) when they get one in stock...You could even pre-pay for it!!!
Let me know what you think...any questions? email djansen@umr.edu --

---- Dwain Jansen ----

****
* *
* Firefighters like to find 'em HOT and leave 'em WET!! *
* *
****

3231. Re: Airliner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-03 22:24:22 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.117.00106872@chevron.com>
Source record: 267791

In article <36f7q6$2je@mozo.cc.purdue.edu> mconner@rain.atms.purdue.edu (Mark D. Conner) writes:
>Bzzzt...but thank you for playing. Please select another category.

>AM and FM are modulation methods, not frequency bands as in common
>usage. ATC comms are AM for two reasons:

>1) Historical - aircraft have used AM from the beginning and changing
>over now would be a royal pain in the rear.

True

>2) Capture effect - with FM, the strongest signal wipes out all other
>signals, while with AM multiple signals can be heard on one frequency.
>This prevents a stuck transmitter on an aircraft from completely
>wiping out comms on that frequency, and ATC can recognize when two
>aircraft transmit simultaneoulsly.

Not quite but kinda true. The capture effect of FMn is pretty insignificant when compared to AM. It's not that hard to tell when two stations come up at the same time on an FM system. A significantly stronger station will capture FM or AM. Your first reason tells 90% of it.

>You can check this out with a scanner that switches from AM to FM in
>any frequency range (e.g. Pro-43). Select FM in the 118-136 band and
>you won't get squat.

True if you're using a GOOD FM receiver. Cheating with most scanners is easy since they don't have much, if any, limiting. The audio will be down a few dB but I can receive air traffic images with no trouble on my old PRO-thirtysomething - no "AM switch" required.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

3232. Re: TRANSAM: Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-03 22:24:26 UTC
From: Estep@dlo10.enet.dec.com
Message-ID: <36q0aq$j4u@nntpd.lkg.dec.com>
Source record: 267783

I am looking for the freqs that the NHRA professional teams are using.

Any ideas or suggestions.

Thanks

3233. Realistic Pro 2006 scanner for sale!

Newsgroup: rec.radio.scanner
Date: 1994-10-03 22:37:21 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Oct3.183328.1@cad3.uccb.ns.ca>
Source record: 267815

```
For Sale:
Pro 2006 realistic scanner:
400 channels
cellular modified
with computer control
extra audio out for dtmf
tape recorder control installed
this scanner is 6 months old.

DO NOT REPLY BY E-MAIL ( i am posting for a friend )
Price is $ 500 canadian
Please respond to Blair at (902) 794-9440
```

3234. Re: SCANNING THE ROAD

Newsgroup: rec.radio.scanner
Date: 1994-10-03 23:00:50 UTC
From: jallbrig@mayfield.hp.com
Message-ID: <36q2f2$luf@hprcl192.mayfield.hp.com>
Source record: 267786

On Mon, 03 Oct 94 13:33:43 , russell.turns@chrysalis.org wrote:

: I heard from a bus driver that you can use a scanner as a way to find out if
: police are stopped on the road shooting radar. he explained that when a police
: car stops it automatoically turns on a beacon to let HQ know where they are, in
: case they get shot or something. To back up his theory, a truck stop that I
: was in had scanners for sale explaining that they could find police up to ten
: miles away. Any freq. info or general knowledge ?
: Thanks

One of the things that happens when a CHP gets out of his/her car
is that a mobile extender is turned on. The mobile extender trans-
cieves the 42 Mhz freq of the car to a 158 Mhz freq of the handi-
talk used by the officer. The extenders are very low powered and thus
have short range...If you listen for activity on this extender freq.
you will be alerted to units close by...

--
/----------------------------------+-----------------------------------\
Mr. Jan C. Allbright	Hewlett-Packard Company
North American Response Center	100 Mayfield Ave. MS 37UM
UNIX Networks Group	Mountain View, Ca. 94043
jallbrig@mayfield.hp.com	415.691.3026
\--------------------(Opinions Expressed Are My Own)--------------------/

3235. WANTED: Scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-03 23:29:00 UTC
From: v064lnev@ubvms.cc.buffalo.edu
Message-ID: <Cx4EIu.4H5@acsu.buffalo.edu>
Source record: 267793

Hi folks,

I just a saw the new Uniden Bearcat 700A Scanner, and was impressed and
disappointed simultaneously.
I was impressed at the many features it had including: 12 band
coverage, 50 channel programmable, Super Turbo Scan (100 channels/second), LCD
display with back light (9 digit), 20 programmed private channels, police
channels (739 + 20 programmable), fire/emg channels (197 + 10 programmable),
air channels (1160), marine channels (90), weather channels (7), lockout
channels, band search, accessories (mobile mounting bracket, ac adaptor,
telescopic antenna, cigarette power cord and DC power cord).
But I was dissapointed that it didn't get these frequencies:

.01 - 29 MHz
72 - 76 MHz
216 - 406 MHz
800 - 806 MHz
1240 - 1300 MHz
1427 - 1429 MHz
1700 - 1850 MHz

I want to buy a mobile scanner for my car comparable to the 700A but
which will pick up these frequencies.
Any suggestions?

3236. For Sale: PRO-43 (NEW)

Newsgroup: rec.radio.scanner
Date: 1994-10-03 23:29:56 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-031094163050@lisaraip6.llnl.gov>
Source record: 267788

For Sale: New in the box, never used, modifiable PRO-43. Serial # 064984. I bought it as a backup and now have other toys in mind. I can also modify it if you wish.

Make offer.

Gary

All opinions expressed above are not those of LLNL.

Gary Ross ROSS@NOVAX.LLNL.GOV
Nova Laser Operations ROSSMAN@AOL.COM
Lawrence Livermore National Lab ROSSMAN@EWORLD.COM
P.O. Box 808 L-489
Livermore, CA 94551

3237. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-04 00:14:57 UTC
From: g9153402@huey.csun.edu
Message-ID: <36q6q1$9c2@nic-nac.CSU.net>
Source record: 267794

Warren Leach (warren@bluesky.com) wrote:
> In article <36nfks$1hi@eri.erinet.com>
> kenneth@eri.erinet.com (Kennith Sprinkles Jr.) writes:

> There are now two models of the 7100. One has cellular disabled and
> supposedly non-restorable (25mhz-799 and 900-2000mhz); the other has
> full-coverage and is available only to 'government agencies' (quoting
> Icom's ad in MT).

Hmmmm. Not that I want one, but I do work for a U.S. Govt agency.
Wonder if I could order it (pay with my own check or credit card)
and just have it mailed to my work address...?
Does the FCC allow full 800 mhz scanner sales to govt agencies, and
not the general public?

3238. RS-2006 Scanner - Luminescent display.

Newsgroup: rec.radio.scanner
Date: 1994-10-04 00:19:35 UTC
From: g9153402@huey.csun.edu
Message-ID: <36q72n$9c2@nic-nac.CSU.net>
Source record: 267795

Just wondering. Does anyone know the life span of the back-light
on the RS-2006. Maybe in hours? If one left it on for 2 hours
per day, how many days would it take to dim out???

3239. Portland Oregon Freq

Newsgroup: rec.radio.scanner
Date: 1994-10-04 00:30:11 UTC
From: benchr@teleport.com
Message-ID: <benchr.394.003AED47@teleport.com>
Source record: 267812
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Howdy,

Still looking for the TAC-II frequency for the Portland Oregon Police...

Any help would be appreciated...

Take easy

3240. Laguna Seca

Newsgroup: rec.radio.scanner
Date: 1994-10-04 01:37:39 UTC
From: delveaux@infoserv.com
Message-ID: <gDeNTc1w163w@delveaux>
Source record: 267639

Does anyone have a current frequency list for the
Indy race at Laguna Seca?
-Bill

3241. Re: Pro43 and Pro39 on sale at RS

Newsgroup: rec.radio.scanner
Date: 1994-10-04 02:12:39 UTC
From: hiattd@MCS.COM
Message-ID: <36qdmn$p2v@Mercury.mcs.com>
Source record: 267798

Emery Lapinski (lapinski_emery@jpmorgan.com) wrote:

: I just got a pro43 about 1 hour ago from the RS at 9 Broadway in downtown
: NYC. It's got a little tag on that says 1A4 and the serial number does
: not contain an A. I'm assuming this is modifiable, but I don't know
: anything about it really. The guy had to dig in the back for me to
: find it. (I sure hope it is ok.)

: -Emery
: --
: lapinski_emery@jpmorgan.com I speak only for me, not for my employer.

I purchased my pro43 yesturday and modified it today. As a matter of fact
it is on right now! :) My pro43 was marked 1A4 as well. As long as the
FCC ID looks like: AA020-300 you are all set (if it were AA020-300A it
would be unmodifable).

Funny thing is that the box that the RS dude gave me had the new revision
while the demo model did not. So I asked for the demo and he said sure.

Cheers,

Don

P.S. 800 mhz reception is very good!

3242. Re: Major 2006 Dilema

Newsgroup: rec.radio.scanner
Date: 1994-10-04 02:56:25 UTC
From: ddillon@csulb.edu
Message-ID: <36qg8p$11i@garuda.csulb.edu>
Source record: 267801

David Retzik (dretzik@uoguelph.ca) wrote:
: Well my friend forked out the cash and bought himself a 2006 and we were
: both extremely disappointed. First of all when you turn it on, a hissing

: Dave
I read your post, and also picked a 2006 recently. Mine works perfectly, and far better than my other scanner (Pro 34). I think that you just happened to have gotten a bad one. Maybe the attenuator switch is stuck in the attenuate position internally regardless of the switch position. Either way, I would return it for an exchange. They do have a 30 day return policy. If you look around and make enough phone calls I am sure you will be able to find another. BTW the cell 968 to 896 mhz mod is the easiest mod to do on a scanner that I have ever done or seen done. I modded my pro34 and that was quite a job. I have modded about 14 pro 34's actually. I am selling my pro 34 to pay for the 2006 which I paid a little over 300 dollars. Ask for a 10% discount because it is a floor model and it is discontinued. See ya, ang gud luk
Dan, KD6FPX

3243. What's this Boston Freq ??

Newsgroup: rec.radio.scanner
Date: 1994-10-04 03:52:57 UTC
From: usa@max.tiac.net
Message-ID: <36qjiq$gch@sundog.tiac.net>
Source record: 267802

Ok.. I'm very new to the Scanning world so don't flame me too much... I just picked up on a freq today.. That seems to work only until the evening.. >>>> 860.725o <<<< .. Just wondering.. Hre's a description of it for those that do know already.. I can hear calling on it.. And will hear the people talk for like 5-10 seconds then BZZZT! It changes to another call... the same thing happens again BZZT! another call.. What is this. Or what is it called ?? Thanks.. Oh yeah another quicky.. I got a Pro-32. Are there ANY Mods at all?? I mean anything ??.. Anyway I'm trying to get this freq... It's like at 146.000o but it's kida garbled then when I scan up it jumps to like 146.015o then it's totally out of range.. So how can I get it to go to like .010o OR .005o ???

Thanx !!!

Jake

3244. Scanner Mods?

Newsgroup: rec.radio.scanner
Date: 1994-10-04 04:18:16 UTC
From: tracy@usa.net
Message-ID: <Cx4ryH.ly3@usa.net>
Source record: 267808

I'm looking for extended recieve mods for the BC760 XLT and the BC350A.
Can anyone help?

/////
(o o)
+---------------oOO--(_)--OOo---------------+
| Tracy T. |
| tracy@usa.net |
| "Holler it to the top of your lungs!" |
+---+

--

3245. BC200XLT MOD

Newsgroup: rec.radio.scanner
Date: 1994-10-04 04:50:53 UTC
From: vector@inferno.com
Message-ID: <012003KRSWJPKTRUSULW@inferno.com>
Source record: 267810

IM>Can anyone tell me if there is a MOD available to make the BC200XLT
IM>receive the 26.000-35.000 freq range to pick up CB radio and 10 meter
IM>HAM? Thank you.

nope. lowest it'll go is 29.000MHz. sorry.

vector@inferno.com
IM>Mike

3246. Re: Major 2006 Dilema

Newsgroup: rec.radio.scanner
Date: 1994-10-04 05:23:01 UTC
From: shawn4sk1@aol.com
Message-ID: <36qorl$d6o@newsbf01.news.aol.com>
Source record: 267803

2006, one of the best scanners- ever.

You probably got a floor model piece of junk like I wrote about avoiding last night- I'd DEFINATELY make sure you get a new one if you can- surely sounds like you got a defect as everyone else wrote about.

My 2 cents...

soliver@ozarks.sgcl.lib.mo.us

3247. Re: Need Merrimac Phone Number

Newsgroup: rec.radio.scanner
Date: 1994-10-04 05:28:05 UTC
From: shawn4sk1@aol.com
Message-ID: <36qp55$d98@newsbf01.news.aol.com>
Source record: 267804

Marymac
22511 Katy Fwy., Katy (Houston), Tx 77450
(713)392-0747 voice
(713)574-4567 fax

soliver@ozarks.sgcl.lib.mo.us

3248. Re: Best ant. for 2006? (discone?)

Newsgroup: rec.radio.scanner
Date: 1994-10-04 05:34:04 UTC
From: shawn4sk1@aol.com
Message-ID: <36qpgc$dc7@newsbf01.news.aol.com>
Source record: 267805

Get the RS All-band. Cheaper and better reception than the discone but ALOT larger- approx 12 feet diameter and 6 feet tall. Also make sure you get RG-6 coax, I was recommended RG-58 by the RS salesman- what a bunch of bull! I also have the RS 10 db inline VHF/FM/UHF bullet amp (cat #15-1117), covers 5-900 mhz range w/no skips- both the coax and the amp purchased on recommendation of a very knowledgable fellow scanner owner. Improved my range by 20 miles and my antenna's not even on a pole- only in the attic...

soliver@ozarks.sgcl.lib.mo.us

3249. Give me the scoop on the OPTO 456 mod/kit

Newsgroup: rec.radio.scanner
Date: 1994-10-04 05:42:10 UTC
From: shawn4sk1@aol.com
Message-ID: <36qpvi$dfv@newsbf01.news.aol.com>
Source record: 267807

Unless you REALLY see it beneficial to the group, I'm sure it's an overly-discussed subject to some. Please Email to: soliver@ozarks.sgcl.lib.mo.us, not shawn4sk1@aol.com.

I'm interested in hearing all the great/terrible stories about it, what might be a better alternative if there is one and why, also- $299 list? how much are people really paying for it and where at?

I'm going to call the ScanStar BBS and download the software demo- anyone else interested? Call (408)258-6462, 2400-9600 baud, 8/N/1 settings, login as "guest". BBS and demo info courtesy Monitoring Times, Oct. '94 issue...

Shawn

3250. Re: RS-2006 Scanner - Luminescent display.

Newsgroup: rec.radio.scanner
Date: 1994-10-04 05:44:01 UTC
From: seltzes@iia.org
Message-ID: <36qq31$q10@ankh.iia.org>
Source record: 267806

Berton Corson (g9153402@huey.csun.edu) wrote:

: Just wondering. Does anyone know the life span of the back-light
: on the RS-2006. Maybe in hours? If one left it on for 2 hours
: per day, how many days would it take to dim out???

On that subject, how hard is it to replace one of these things once the light goes out? Do you have to replace the whole lcd panel or what?

3251. Re: Major 2006 Dilema

Newsgroup: rec.radio.scanner
Date: 1994-10-04 06:37:35 UTC
From: lfs@netcom.com
Message-ID: <lfsCx4yEo.8sB@netcom.com>
Source record: 267809

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:

:The faint but noticeable hiss (mine is more of a hum
:with a hiss component) seems to be a characteristic of the unit. The quieter
:the listening room, the more noticeable the humm/hiss.

I noticed on the old 2004 that I just got, there's a noticeable hum from the transformer even with the volume clicked to off (but plugged in). My hearing is good enough that the hum is slightly annoying... I can just switch it off from a power strip, but I wondered if the hum was normal.

--
Larry Spence (lfs@netcom.com)

3252. thanks for info on 2004

Newsgroup: rec.radio.scanner
Date: 1994-10-04 06:52:06 UTC
From: lfs@netcom.com
Message-ID: <lfsCx4z2u.9u4@netcom.com>
Source record: 267811

Thanks to everyone who emailed me info on the 2004. It turns out that,
once I understood how to program it, it worked perfectly (well, _one diode_
was broken, but it seems to work OK), so I grabbed it for $100. It picks
up so much less spurious crap than my BC855... I can see why people like
the 2004/5/6 so much! I also found a used 2022 (replacement for the 2005?)
for $75. Curiously, it also had a broken diode... darn those fragile diodes. %)

--
Larry Spence (lfs@netcom.com)

3253. Re: Major 2006 Dilema

Newsgroup: rec.radio.scanner
Date: 1994-10-04 08:38:16 UTC
From: mtiernan@world.std.com
Message-ID: <Cx53zs.3L5@world.std.com>
Source record: 267813

Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
> My impression is that all things being equal (i.e., in the same location
> with supplied antennas), the 2006 should be a bit better than the 43.
[...]
Take a look at the stats, the Pro-43 is actually a touch more
sensitive then the '2006. I've seen the same type of thing. I
also think part of it is a function of the squelch. The '06
seems to require a bigger signal kick to open the squelch then
the '43.
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

3254. Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-04 09:24:04 UTC
From: merlin@neuro.usc.edu
Message-ID: <36r6vk$a6r@neuro.usc.edu>
Source record: 267814
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

I seem to recall a few years ago California passed a law requring vendors of cellular telephones to sell their phones to customers who do not want their phones activated for the advertised price + the rebate from the cell telephone company. I would like to acquire a Motorola Ultra Classic M to be used at a future date (probably next year when I can afford cell calls) -- but the local vendor (Affordable Portables) which advertised $69 price + $25 rebate (which should make the cost $94 total) insists in adding on extra fees for programming ($100 for a service they are not being asked to do -- and which I could do just as well on my own) and early termination ($275 for a service contract which I do not want to purchase). These fees would appear to violate the wording, intent, and spirit of the state law which was supposed to prevent this kind of consumer abuse.

Does anyone know how to find the state statute and/or who to contact for enforcement of the state law so I can buy my $94 Motorola Ultra Classic M cellular telephone without paying outrageous fees designed to prevent people like me from benefiting from the advertised price?

Thanks, Merlin

Subject: Programming Motorola cellular telephones (8000H & Ultra Classic)

Authors: Mark Earle mwearle@mcimail.com
Dave Rand dlr@daver.bungi.com

Normally as an end user, you must know the security code to get to programming mode. You may enter programming mode a total of three times. After three times, the phone must be returned to the dealer to have a counter reset. However, at least on the 8000H and Ultra Classic portables, one can fabricate a jumper, and reset the counter easily.

Before changing anything, I'd use * to step through and record your present values.

Note that if you install the jumper, you would enter 55# and then follow the notes for entering the customer/system information. You can also first do a 32# to clear all timers and restore features to standard. THIS ERASES ALL STORED PARAMATERS!

What I found most useful was to step through, record all paramaters entering programming mode from the keypad without the jumper.

Then, power up with the jumper, use 32# to clear evertying
power off

remove jumper
power up
reset params entering programming mode from keyboard,
using 000000 as the security code

This technique let me have two phone numbers in two markets, even
though the phone is single NAM. I'd get to a particular spot on the
road, with a convenient rest area, and reprogram my phone for service
(as contracted for!) in the second city. This was to have a local
number and not pay roaming rates in the second city. On the return
trip, I'd stop and reprogram for my "home" market.

Disclaimers: You can put the phone in several modes intended for
alignment and testing "on the bench". Don't do it. You could also set
the phone up such that the contracted for service won't work properly.
Don't program paramaters to other than those provided by your carrier.

There is no way (as far as I know) to alter the ESN on these phones.
Well, I'm sure it's possible if you're the vendor but there is no
magic keypad code to do it.

You can also make the phone a cellular receiver: power up with jumper

353# Select Handset audio path
08# RX Audio ON
11xxx# Three digit number, i.e. 11362#
474# Set to mid level audio
11xxx# Change to another channel

Power off, remove jumper, power up to restore normal phone
operations.

Dec 29, 1993 Motorola Cellular Mobile Telephone programming notes:

Part 1: From the manual included with the 8000H portable phone.

Items to be programmed:
System ID Code 5 digits
Cellular Telephone Number 10 digits
Station Class Code 2 digits
Access Overload Class 2 digits
Group ID Mark 2 digits
Security Code 6 digits
Unlock Code 3 digits
Initial Paging Channel 4 digits (Use Leading 0)
Option Bits 6 digits
*Internal Speaker 0 for internal
*Local Use normally 1
*Min Mark Normally 0, 0=disabled
when enabled, unit sends area code on all calls
*Auto REcall Always set to 1
*Second PHone number 0
*Diversity 0=off

Option Bits
*Long Tone DTMF 1 (0 to disable)
*FUTURE USE 0
*Eight hour timeout 0 to enable

Programming your telephone:

If you have:
Menu and Fcn keys Sequence 6
FCN key but no Menu key Sequence 1
No Fcn key Sequence 2

Model Handset Type Sequence
3000SCN 2007 A 6
6000SCN 2023 A 2
6000XSL N2020 A 1
6800XLT LN2659 A 1
6800XLT LN2733 A 6
Alpha Hndset SCN2083 A 6

Sequence
1 FCN, Security Code entered twice, RCL
2 STO, #, Security Code entered twice, RCL
3 Ctl, 0 + SC twice, RCL
4 Ctl, 0 + SC twice, *
5 FCN, 0 + SC twice, MEM
6 FDN, 0 + SC twice, RCL
Security code is programmed 000000 at the factory

After successfully entering program mode, 01 appears on the display

* steps thorugh
SND stores information

Step 1 SID
Step 2 Area Code
Step 3 Phone Number
Step 4 Station Class Mark
Step 5 Access Overload Class
Step 6 Group ID
Step 7 Security Code
Step 8 Unlock Code
Step 9 Initial Paging Channel
Step 10 Options (6 digits)
Step 11 Options (3 digits)

Part 2: From a programming Cheat Sheet, not normally included with the phone: Assumes one has fabricated a jumper or has a test jig. These functions available only if you start the phone with one pin jumpered to ground as below.

CHAN \/ PWR LVL
x x x x x x <--Rx Sig Strength, 00-99

```
SAT -->x x x x x x x <--1=TX Audio OFF
^ ^ ^ ^
1=TX on <-- : : : : 1=RX AUdio OFf
1=SigTone ON : : 1=Control Channel
```

01# Restart (Turns unit off and back on)
02# Display current radio stuatus (non-scrolling version
of above display)
04# Initiales Unit to Standard Default Settings
Carrier OFF
RF Attenuator to max power
Receiver Audio Muted
Transmit Audio Muted
Signalling Tone Off
Resetting of Watchdog Timer Enabled
DTMF and Audio Tones off
Audio path set to speaker

05# TX Carrier ON
06# TX Carrier OFF
07# RX OFF (Mute RX audio)
08# RX Audio ON (Unmuted)
09# TX Audio OFF
10# TX Audio ON
11(CH No)# Sets to desired channel
12# Set power to x; 0=max 7 = min
14# 10 Khz sig tone on
15# 10 Khz Sig tone off
19# Display software version number (4 digits)
25x# SAT Tone on when x=0, SAT = 5970 Hz
x=1, SAT = 6000 Hz
x=2, SAT = 6030 Hz
26# SAT Tone off
27# Transmit Data
28# 1150 Hz Tone on
29# 1150 Hz Tone off
30# 770 Hz Tone on
31# 770 Hz Tone off
32# Clears all timers and resets User's programmable features to
standard, also clears user stored memory.
33x# Turn on DTMF Tone for X, X = 0-9, * or #
34# DTMF Tone(s) off
35# Display RSSI ("D" Series portable only)
35x# Set Audio path to xx = 0, VSP mike
(mobile only)x = 1, speaker
x = 2, Alert
x = 3, Handset
38# Display ESN in Hex, 2 char at a time use * to step
(Compandor OFF (D series portable only))
39# Compandor on (D series portableonly)
41# Enables Diversity (on f19cta series only)

42# Disables Diversity)
43# Disable Diversity
44# Disable Diversity
45# Display current rssi
46# Display cumulative call timer
47x# Set Rx audio level, 0-7 i.e. 474# is mid level
48# Set side tone on
49# Side Tone off
53# Enable Scrambler option when equiped
54# Disable scrambler
55# Programming customer/system information
Enter 55#, display shows U5 '
Enter 55# again, proceed as if you've
followed the sheet included with the phone.
This allows one to change the phone params
an infinite number of times.
However, some of the info is not in sequence
with the sheet provided with the phone.
58# Compandor on
59# Compandor off)
61# Serial number transfer (for dmt / minitac only)
(See Esn transfer procedure elsewhere)
62# Turn on ringer audio path
63# Turn off ringer audio path
70# Abbreviated field transmitter audio deviation command
71# Abbreviated field power adjustment command
72# Field audio phasing commands
73# Field power adjustment command (dmt/minitac only)

Fabrication of jumper in lieu of test jig:

8000H and Ultra Classic
To enter diag/self test mode:

1.Remove battery.
2.Looking at rear of radio, ground pin x
3.Re install battery and apply power

Rear Connector:

I I I ** I I X
I I I ** I I I
**

* Is the antenna. I is the pins. Note: the case screws are NOT
at ground. The outer silver part of the antenna connector is.

I soldered a piece of stiff resistor lead at the X, and made it just
the proper length. I can then move it to touch the ground to read sig
strength, and then move it to touch nothing for normal operations.

Note that soldering to these pads is tricky, and probably voids the
warranty. A more elegant way would be to use a DC adaptor (Ora and

Celldyne sell them) and drill two small holes to use to connect with an external jumper. No soldering. Note that the phone is not in power save mode when in self test/diag mode and the battery will go down quickly!

The inital display is channel and receive sig strength indicator, useful for determing how close you are to a tower, or for aiming a yagi in the desired direction.

3255. Re: SCANNING THE ROAD

Newsgroup: rec.radio.scanner
Date: 1994-10-04 09:25:18 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Oct4.012518.4647@cmkrnl>
Source record: 267822

In article <9410031333.0J1VU00@chrysalis.org>, russell.turns@chrysalis.org writes:
> I heard from a bus driver that you can use a scanner as a way to find out if
> police are stopped on the road shooting radar. he explained that when a police
> car stops it automatoically turns on a beacon to let HQ know where they are, in
> case they get shot or something.

If you will ask about the police (or Highway Patrol or whatever) in a particular jurisdiction, I am sure that someone will be able to give you an answer as to whether that particular agency employs such a system. But asking whether "police" in general use this scheme is pretty pointless.

I will mention that I've seen no mention of special frequencies for this purpose in the numerous So. Cal.-area frequency lists that I've looked at. Of course I could have missed some.

I'm fairly certain that the California Highway Patrol is not equipped with such a system. In fact they don't even tell the base when they're making a traffic stop, and when they call in a plate or license number for an ID check, they don't say where they are.

Use of a "beacon" for this purpose seems unlikely in any case. There is a "panic button" system in use by some agencies; I believe the CHP uses them, or at least did so at one time: Among other things, it allows the officer to record a brief "where am I" message upon making a traffic stop; if the officer later pushes the panic button, or if the control transmitter (which is worn on the belt) is turned on its side, the message goes out, but until then it doesn't take up air time. And they use the regular CHP frequencies.

I've also heard references on the air to a "panic button" system in use by LAPD. (It was during a rainstorm and the silly things kept sending out false alarms.)

> To back up his theory, a truck stop that I
> was in had scanners for sale explaining that they could find police up to ten
> miles away.

Maybe in that particular area, a beacon system such as you describe was in use. Or maybe they were just talking about the scanners' ability to pick up regular police comms.

Or maybe whoever made the "find police up to ten miles away" claim simply made it up.

Sorry, but your question is simply too general to have an answer other than "maybe".

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

3256. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-10-04 10:43:29 UTC
From: randolph@est.enet.dec.com
Message-ID: <36rr42$8nd@mrnews.mro.dec.com>
Source record: 267725

In article <hughemCx07wB.3GC@netcom.com>, hughem@netcom.com (Hugh Hemington) says:
>
>There seems to be a lot of Radio Shack bashing on this newsgroup. I have
>a few comments:
>
>The RS in my area seems to have what I need when I need it in a hurry.

If you know what you need, and RS has it, and you don't mind the "last four digits of your phone number" routine, then they're ok. The thing to avoid is going into one and relying on the salezoids to give you the information you need to make a purchase.

I occasionaly buy something there on a weekend, when nothing else is open, or when I can't get it cheaper or easier elsewhere. I do a fair amount of hobby electronics shopping at ham flea markets, so I know what's available.

To be fair, some of their big-ticket items are pretty good stuff. For instance, the HTX202 2m transceiver is one of the better 2m handhelds you can get. I think I read it's made by Maxon under contract from RS?

-Tom R. N1OOQ randolph@est.enet.dec.com

3257. Re: RadioMap service expands into OH, PA, MO (and IL, IN, MI,

Newsgroup: rec.radio.scanner
Date: 1994-10-04 13:24:09 UTC
From: rdewan@uhura.cc.rochester.edu
Message-ID: <1994Oct4.132409.12129@galileo.cc.rochester.edu>
Source record: 267820
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc,sci.electronics.repair

In article <36la5b$6ti@clarknet.clark.net> josephl@clark.net (Joseph A. Liu) writes:
>Kenneth E. Harker (Kenneth.E.Harker@Dartmouth.Edu) wrote:
>: This is a blatant commercial advertisement
>
>IT S NOT YOU SHIT HEAD!

Thank you for your cogent, well-mannered and courteous post. The
next time you post something equally brilliant, could you kindly
make the distribution "universe" instead of just "world"? I am
sure that other sentient beings would benefit from your postings.

Rajiv Dewan
aa9ch/2

3258. Re: WANTED: Scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-04 13:33:09 UTC
From: domonkos@access.digex.net
Message-ID: <iCLakiubGIT5066yn@access.digex.net>
Source record: 267816

In article <Cx4EIu.4H5@acsu.buffalo.edu>, Zerxes Bhagalia wrote:
> Hi folks,
>
> I just a saw the new Uniden Bearcat 700A Scanner, and was impressed and
> disappointed simultaneously.
> I was impressed at the many features it had including: 12 band
> coverage, 50 channel programmable, Super Turbo Scan (100 channels/second), LCD
> display with back light (9 digit), 20 programmed private channels, police
> channels (739 + 20 programmable), fire/emg channels (197 + 10 programmable),
> air channels (1160), marine channels (90), weather channels (7), lockout
> channels, band search, accessories (mobile mounting bracket, ac adaptor,
> telescopic antenna, cigarette power cord and DC power cord).
> But I was dissapointed that it didn't get these frequencies:
>
> .01 - 29 MHz
> 72 - 76 MHz
> 216 - 406 MHz
> 800 - 806 MHz
> 1240 - 1300 MHz
> 1427 - 1429 MHz
> 1700 - 1850 MHz
>
> I want to buy a mobile scanner for my car comparable to the 700A but
> which will pick up these frequencies.
> Any suggestions?

I'd recommend a used ICOM R-100 mobile receiver. Covers 100Khz-1856Mhz
but 800-900Mhz is locked out permanently on new units. Price is $660 from
Grove but I've seen used units in excellent shape for $450-500.
Good luck.

Andy

3259. Re: RS-2006 Scanner - Luminescent display.

Newsgroup: rec.radio.scanner
Date: 1994-10-04 13:33:17 UTC
From: domonkos@access.digex.net
Message-ID: <WGLakiubGwwD066yn@access.digex.net>
Source record: 267817

In article <36q72n$9c2@nic-nac.CSU.net>, Berton Corson wrote:
>
> Just wondering. Does anyone know the life span of the back-light
> on the RS-2006. Maybe in hours? If one left it on for 2 hours
> per day, how many days would it take to dim out???
>

Electroluminescent displays typically have a 500 hour life until
half-brilliance is reached. It will still work but only dimmer. I'd suggest
buying one or two spares for safety sake.

Andy

3260. Re: thanks for info on 2004

Newsgroup: rec.radio.scanner
Date: 1994-10-04 13:33:29 UTC
From: domonkos@access.digex.net
Message-ID: <wILakiubG69B066yn@access.digex.net>
Source record: 267818

In article <lfsCx4z2u.9u4@netcom.com>, Larry Spence wrote:
> Thanks to everyone who emailed me info on the 2004. It turns out that,
> once I understood how to program it, it worked perfectly (well, _one diode_
> was broken, but it seems to work OK), so I grabbed it for $100. It picks
> up so much less spurious crap than my BC855... I can see why people like
> the 2004/5/6 so much! I also found a used 2022 (replacement for the 2005?)
> for $75. Curiously, it also had a broken diode... darn those fragile diodes. %)
>
> --
> Larry Spence (lfs@netcom.com)

Broken diode? Are you sure that those weren't the cellular lockout diodes that need to be removed (broken) to work?

Andy

3261. Great Mall Freqs

Newsgroup: rec.radio.scanner
Date: 1994-10-04 13:37:42 UTC
From: DPalmer@ix.netcom.com
Message-ID: <36rlr6$2gk@ixnews1.ix.netcom.com>
Source record: 267726

Ok, mall monitors, someone asked for the frequencies for the new Great Mall
in Milpitas.

Great Mall freq
462.0625 security
463.5125
463.7625
464.0875
464.2625
464.4125
Digital squelch repeater-offset
--
David Palmer DPalmer@ix.netcom.com
Who Stole My Screwdrivers?

3262. Re: SCANNING THE ROAD

Newsgroup: rec.radio.scanner
Date: 1994-10-04 14:14:54 UTC
From: sean@meaddata.com
Message-ID: <36ro0u$rdl@meaddata.meaddata.com>
Source record: 267819

In article <rtm-031094191220@kip-63.apple.com>,
Bob Martin N6MZV <rtm@newton.apple.com> wrote:
>In article <36q2f2$luf@hprcl192.mayfield.hp.com>, jallbrig@mayfield.hp.com
>(Jan Allbright) wrote:
>
>> On Mon, 03 Oct 94 13:33:43 , russell.turns@chrysalis.org wrote:
>>
>> : I heard from a bus driver that you can use a scanner as a way to find out if
>> : police are stopped on the road shooting radar. he explained that when a police
>> : car stops it automatoically turns on a beacon to let HQ know where they are, in
>> : case they get shot or something. To back up his theory, a truck stop that I
>> : was in had scanners for sale explaining that they could find police up to ten
>> : miles away. Any freq. info or general knowledge ?
>> : Thanks
>>
>> One of the things that happens when a CHP gets out of his/her car
>> is that a mobile extender is turned on. The mobile extender trans-
>> cieves the 42 Mhz freq of the car to a 158 Mhz freq of the handi-
>> talk used by the officer. The extenders are very low powered and thus
>> have short range...If you listen for activity on this extender freq.
>> you will be alerted to units close by...
>>
>
>The frequency used by the California Hiway Patrol extenders is 154.905 MHz.
>Different states use different schemes.
>
>--
>73-
>Bob Martin N6MZV * rtm@newton.apple.com
>Apple Computer, Inc *

Cool. This is the only reason that I bought my scanner (a RS Pro-39)
was to find out where all the cops were hiding out around here. Read
something in a friends car audio mag about how useful a scanner was
on long trips, so I figured I'd try it out on my way back from
Florida to Ohio. So, what freqs should I be listening to here in
Ohio? Better yet, what lines from RS's Police Call should I program
in, so when I go from state to state I don't have to ask y'all again
:) Of course I also have a radar detector, but it feels awkward
driving down 75 a waving to the cop shooting laser, not even a
flicker of life from the laser light on my Escort. (Yea, I know why
and all, thats why I grabbed a scanner as a second line of defense :)
--
Quote of the week: "Get with the goddamn program!"-Al Gore to Bill

Clinton at a policy meeting according to The Agenda by Bob Woodward.
Sean Kellner
skellner@ddt.eng.uc.edu sean@meaddata.com skellner@uceng.uc.edu

3263. Re: Best ant. for 2006? (discone?)

Newsgroup: rec.radio.scanner
Date: 1994-10-04 14:32:54 UTC
From: horak@convex.com
Message-ID: <36rp2m$gd7@eugene.convex.com>
Source record: 267821

In <36qpgc$dc7@newsbf01.news.aol.com> shawn4sk1@aol.com (Shawn4sk1) writes:

>I also have the RS 10 db inline VHF/FM/UHF bullet amp (cat
>#15-1117), covers 5-900 mhz range w/no skips- both the coax and the amp
>purchased on recommendation of a very knowledgable fellow scanner owner.

I have this one and another type similar to it. Neither one worked
very well. A little better on some freqs, a lot worse on others.
These amps are very noisy. They may amplify the signal just fine but
the noise is also amplified a lot, negating good results. Guess your
milage varied quite a bit! I'm not saying someone shouldn't go buy
one. Go ahead and experiment but don't get your hopes up too high!
Glad you're happy with yours. Maybe they aren't as bad as they were
when I bought mine several years ago.

>soliver@ozarks.sgcl.lib.mo.us

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

3264. Re: Best ant. for 2006? (discone?)

Newsgroup: rec.radio.scanner
Date: 1994-10-04 14:45:47 UTC
From: horak@convex.com
Message-ID: <36rpqr$r2j@eugene.convex.com>
Source record: 267823

In <36rp2m$gd7@eugene.convex.com> horak@convex.com (David Horak) writes:

>In <36qpgc$dc7@newsbf01.news.aol.com> shawn4sk1@aol.com (Shawn4sk1) writes:

>>I also have the RS 10 db inline VHF/FM/UHF bullet amp (cat
>>#15-1117), covers 5-900 mhz range w/no skips- both the coax and the amp
>>purchased on recommendation of a very knowledgable fellow scanner owner.

>I have this one and another type similar to it. Neither one worked
>very well.

By thew way, I forgot to mention that these work best if the bullet is
installed at the antenna, NOT the end of the coax next to your receiver!
Some folks moght not realize that.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

3265. 2006/Optoscan/Scanstar Squelch problem

Newsgroup: rec.radio.scanner
Date: 1994-10-04 14:57:11 UTC
From: fa419@cleveland.Freenet.Edu
Message-ID: <36rqg7$ooe@usenet.INS.CWRU.Edu>
Source record: 267824

I've got the Pro-2006/Opto 456 combination controlled by a 286 and I'm evaluating the demo software 'Scanstar' that came with it. (*Not the crippled Scanstar program written for the Opto, but the demo*) It looks like it can do everything I need, but I'm having problems with (*apparently*) the squelch control.

I'm using the Ham 2m band (144-148 Mhz) for my test. The problem is that when I scan (under Scanstar) and it's logging the hits either to a log file or into a Scanstar group, it records the frequencies 5Khz to either side as hits as well. I should mention that I'm scanning in 5Khz steps and I have the choice of FM, FM-N, FM-W in the Scanstar software. FM was the default, I've tried FM-N with the same results. FM-W doesn't work right at all, though I wouldn't expect it to. I should also say that the 2006 works great on it's own. It stops right on the correct frequency, ignoring those 5Khz above and below. Also, I've noticed that there is a strong image (*completely readable*) of the center frequency (*using the term image loosely here, it IS the same signal*) 5Khz above and below. What I mean is that they are really there, but the 2006 can discriminate between them and the center frequency but Opto/Scanstar cannot.

Now, about Scanstar, there is an option when creating a new search range called Squelch Control Menu. Fine. Go into that and you have the option of Use Signal Strength (Y/N) and the settings of Max Signal Strength and Min Signal Strength. If I set Use Signal Strength to No, then the squelch control on the 2006 is in control but Scanstar will still log freqs on either side of the real signal as I said above. (*Note: if I turn the 2006 squelch knob all the way down, Scanstar logs every freq in 5Khz steps, just as I would expect it to, but I can't adjust it to log just the center frequencies.*) Ok, this method of squelch control SHOULD work in my opinion but doesn't, BUT: If I set Use Signal Strength to Yes, Scanstar detects and logs NOTHING... just sits there, apparently scanning but finding nothing at all. :(Although it's nice and peaceful now, it's not what I had in mind.
It
It's the RANGE settings you say! Nupe. With the Minimum Signal Strength set to -127 (Db below 1 millivolt) which is the minimum and Max Sig Strength set to 0 (max setting for it) (*By the way these are the Scanstar defaults as well*) I get nothing. This is a real mystery to me. If anyone can tell me what I'm missing here, I would really appreciate it because this is the last thing I need to complete my 2006/Opto/Scanstar package (*and I'd order the Scanstar software the same day*). Of course, I'm going to E-mail S. Dunham (Scanstar author) about my problem, but if this is something simple, maybe I can get a quicker answer from someone else with Scanstar experience.

TNX!

3266. Nickel Metal Hydride AA Cells?

Newsgroup: rec.radio.scanner
Date: 1994-10-04 17:31:14 UTC
From: jkearman@arrl.org
Message-ID: <1994Oct4.173114.4271@arrl.org>
Source record: 267740

Anyone know where NiMH AA cells are available?

The 850 mAH AAs in my scanner went flat right at the end of the Poughkeepsie Air Show Sunday. Are higher capacity NiCd AAs available? Thanks

Good listening,

Jim Kearman

jkearman@arrl.org

3267. Alpha paging from cell phone

Newsgroup: rec.radio.scanner
Date: 1994-10-04 17:31:58 UTC
From: ad225@detroit.freenet.org
Message-ID: <36s3ie$2l9@detroit.freenet.org>
Source record: 267739

I don't know if this is really the proper place to post but
it's the closest I can find right now.

I'm trying to find a way to access my alphapager system from
a cellphone but I do not have a laptop computer.

My alpha page carrier says there's a problem with doing this
because their equipment often reads such attempts as garble and
drops the connect. Any suggestions?

Gary
--
Gary Baumgarten
ad225@detroit.freenet.org

3268. BC200XLT problem

Newsgroup: rec.radio.scanner
Date: 1994-10-04 18:01:05 UTC
From: daiv@iglou.iglou.com
Message-ID: <1994Oct4.180105.23916@iglou.com>
Source record: 267727

I just bought a used BC200XLT and it seems to have a problem. It won't receive anything. All of the functions and keys seem to work right, but I can't even get noise by turning the squelch knob all the way up (or down, whatever. I've turned it both directions.). It appears to scan just fine, but it never stops. Not even on NOAA freqs that I know are active because the BC172XL sitting next to it picks them up. I've bought a new battery pack, charged it up for about 24 hours, and still nothing.

Other than the frequency resets (2,9,manual and 2,9,scan) which I've already tried, is there some other reset function or something that I can try before I search for somewhere that might be able to work on this thing?

Any clues?

--

Daiv Stoner | A man with one watch knows what time it is.
daiv@iglou.com | A man with two watches is never sure.

3269. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-04 18:13:52 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.490.00123BC1@ccm.hf.intel.com>
Source record: 267547

In article <36q6q1$9c2@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:

>Hmmmm. Not that I want one, but I do work for a U.S. Govt agency.
>Wonder if I could order it (pay with my own check or credit card)
>and just have it mailed to my work address...?
>Does the FCC allow full 800 mhz scanner sales to govt agencies, and
>not the general public?

The way I understand it, you have to order it with a government purchase
order, not just have a government employer.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3270. Re: BC200XLT MOD

Newsgroup: rec.radio.scanner
Date: 1994-10-04 18:24:07 UTC
From: brian.morgan@sdrc.com
Message-ID: <36s6k7$lsv@info1.sdrc.com>
Source record: 267728

In article <30299VHGFUWHFGODXES@profitmaker.com> mike@profitmaker.com writes:

>MOD available to make the BC200XLT receive the 26.000-35.000 freq range to
pick up
>CB radio and 10 meter HAM?

Please post - I would be interested in the info also....
Thanks!!!!

Brian
brian.morgan@sdrc.com

3271. NEWBIE: needs suggestions...

Newsgroup: rec.radio.scanner
Date: 1994-10-04 18:58:39 UTC
From: aidekman@mail2.sas.upenn.edu
Message-ID: <36s8kv$fff@netnews.upenn.edu>
Source record: 267741

I've been very interested in purchasing a scanner for a long time, and
I've recently been reading this newsgroup. I am fascinated by what you
can do with them, but I only have a vague idea of what their descriptions
mean. I see that Radio Shack is unpopular on here, but I'm looking for
suggestions on what to get for a beginner and where to go.
Is Radio Shack really that bad? there's one nearby and it would be pretty
convenient, but I need to know what to look for and what questions to ask.
Thanks in advance....

--
Dave Aidekman
aidekman@sas.upenn.edu

3272. Disney World Info Here

Newsgroup: rec.radio.scanner
Date: 1994-10-04 19:03:40 UTC
From: zlew14@NAP.AMOCO.COM
Message-ID: <1994Oct4.140340.4493@amoco.com>
Source record: 267742

853.4875 DISNEY TRUNKED SYSTEM
855.6875 DISNEY TRUNKED SYSTEM
855.7875 DISNEY TRUNKED SYSTEM
855.8125 DISNEY TRUNKED SYSTEM
856.7875 DISNEY TRUNKED SYSTEM
856.8125 DISNEY TRUNKED SYSTEM
856.9125 DISNEY TRUNKED SYSTEM
857.7875 DISNEY TRUNKED SYSTEM
858.7875 DISNEY TRUNKED SYSTEM
858.8125 DISNEY TRUNKED SYSTEM
859.7875 DISNEY TRUNKED SYSTEM
859.8125 DISNEY TRUNKED SYSTEM
453.825 DISNEY-All Properties - Ambulance
453.875 DISNEY-All Properties - Fire Dept.
461.600 DISNEY-All Properties - OPS (River Country, Pioneer Hall)
462.475 DISNEY-All Properties - Utilities (Water, Electricity, etc)
462.775 DISNEY-All Properties - Paging
464.125 DISNEY-All Properties - Security
464.200 DISNEY-All Properties - Resort Hotels, (G.F. Contemporary)
463.975 DISNEY-All Properties - Housekeeping
151.655 Space Mountain/Riverboats/Studio Trams *
151.895 DISNEY-Magic Kingdom - 20,000 Leagues Submarines
461.300 DISNEY-Magic Kingdom - Entertainment (parade coordination)
462.625 DISNEY-Magic Kingdom - Operations, Transportation, Parking, Boats.
464.400 DISNEY-Magic Kingdom - Security
464.625 DISNEY-Magic Kingdom - Trouble Dispatch, Technicians
154.47875 Light Barges (Electrical Water Pageant) *
462.550 DISNEY-EPCOT Center - Entertainment
462.650 DISNEY-EPCOT Center - Administration
462.675 DISNEY-EPCOT Center - Trouble Dispatch, Technicians
463.750 DISNEY-EPCOT Center - Security
148.100 E-Stop Great Movie Ride *
452.650 Cash Control (Wells Fargo Trucks) *
461.3375 Warehouses 1 *
461.700 DISNEY-MGM Studios - Operations
461.9125 Warehouses 2 *
462.575 Operations 2 (Monorails)
462.850 DISNEY-All Properties - Paging
464.0625 People Finder *
464.500 Entertainment 4 (Special)
123.0500 walt disney world company [kle5] (aircraft operations)
147.3000 walt disney world (amateur radio) [wr4amg] *paired w/147.9000!
151.8950 walt disney world - magic kingdom ("20,000-leagues" submarines)
158.1000 vista united (disney world office guest rental pagers - voice/data)

442.0000 walt disney world (amateur radio) [wa4abq repeater]
443.4000 walt disney world (amateur radio) [wr4amg] *paired w/448.4000!
453.8250 disney world[krt729 - "bay lake/reedy creek"] <fire 1>
453.8750 walt disney world [kro332 - "reddy creek"] <fire 2> paired w/458.8750!
461.3000 magic kingdom maintenance/computer control base/paradecoordination
461.6000 bus trans, campground walt disney world (river country/pioneer hall)
461.7000 walt disney world/mgm studios *paired w/466.7000!
462.4750 walt disney world [kneg640 - "reedy creek"] (utilities)
462.5500 epcot show control and MK parades <ops 1> (operations)*simplex! paging
462.5750 walt disney travel ctr MONORAILS [<ops f2> *paired w/467.5750!
462.6250 walt disney world - magic kingdom (transportation)<ops f3>*pw/467.6250!
462.6500 epcot trans, parking, show control,(administration) <maint 1>
462.6750 epcot maint, computer control base (trouble dispatch)
462.7750 walt disney world [wyt220] (digital & voice paging)
462.8500 walt disney world [wzl392] (park-wide paging announcements)
463.7500 walt disney world (security at epcot)<security 3>*paired w/468.7500!
463.9750 walt disney world [kur462] <show control 1> *paired 468.9750!
464.1250 walt disney world [kul489] <security 2>*paired w/469.1250!
464.2000 walt disney world <poly base> *paired w/469.2000!
464.4000 walt disney world travel - magic kingdom - <security 1>
464.6250 walt disney world - MAINT magic kingdom *paired w/469.6250!
464.8000 walt disney world (taxis/village maintenance/utilities)/mgm studios
467.2500 walt disney world
467.5750 walt disney world (monorail train-to-train,(pleasure island operations)
483.0000 walt disney world - magic kingdom (operations & daily parade)
484.1750 walt disney world - epcot (operations)
484.3250 walt disney world (transportation: buses & boats)
484.3500 walt disney world - epcot (operations & security)
484.3750 walt disney world - epcot (maintenance)
157.740 Pagers (no input)
204.600 DISNEY-EPCOT Center - Character Greeting audio
206.000 DISNEY-Magic Kingdom - Parade float audio
207.600 DISNEY-EPCOT Center - same (simulcast)
207.750 DISNEY-Magic Kingdom - 208.175 - 208.625 - 208.950 - Same
209.100 DISNEY-Magic Kingdom - 209.600 - 210.125 - 211.850 - Same
212.475 DISNEY-Magic Kingdom - Same
451.500 VUT
464.575
464.600 Operations Simplex *
464.800 Maintenance 3 (Disney - MGM Studios)
464.9375 Entertainment 3 *
468.8125 Point of Sale Systems *
469.3375 E - Stops (Attractions) *
806.0000 WNZC361 YB WALT DISNEY IMAGINEERING Exp: 04/14/1997
860.7875?????????????
915.0000 WPBT287 IX WALT DISNEY CO Exp: 02/25/1998

3273. SCANNER BAN/WIRETAP BILL

Newsgroup: rec.radio.scanner
Date: 1994-10-04 20:16:01 UTC
From: nitz@lds.loral.com
Message-ID: <1994Oct4.201601.18148@lds.loral.com>
Source record: 267729

The Digital Telephony bill (H.R. 4922/SB 2375)recently passed the Senate and House Judiciary commitee. It will soon go to the floor of the House and Senate for a vote. This bill could make a person a felon if he/she:

(6) knowingly and with intent to defraud uses, produces, traffics in, has control or custody of, or possesses_

(A) a scanning receiver; or

(B) hardware or software used for altering or modifying telecommunications instruments to obtain unauthorized access to telecommunications services,''.

Don't count on that "intent to defraud" as a defense. The way the legal system often works your ownership of such a device could be considered as evidence of intent to defraud. Congress could also quietly strike that clause from Title 18 of the U.S. code and we might not hear a thing about it.

Curiously the primary intent of this bill is summarized as follows:

BILL H. R. 4922
To amend title 18, United States Code, to make clear a telecommunications carrier`s duty to cooperate in the interception of communications for law enforcement purposes, and for other purposes.

Like most anti-liberty laws, this one is being sold on the premise that it is necessary for law-enforcement and drug interdiction. It is much easier to rally the people if there are witches to be burned. I don't currently own a scanner, but I believe this law would set an ugly precident. If you agree, by all means please call or write your senators and representative. Thank you.

I only speak for me...

3274. Re: Best ant. for 2006? (discone?)

Newsgroup: rec.radio.scanner
Date: 1994-10-04 21:03:04 UTC
From: shawn4sk1@aol.com
Message-ID: <36sfu8$oi9@newsbf01.news.aol.com>
Source record: 267730

>Neither one worked very well. A little better on some freqs, a lot worse
on
>others. These amps are very noisy. They may amplify the signal just
fine but
>the noise is also amplified a lot, negating good results.

I, too was told by some that the particular amp (RS #15-1117) I purchased would increase noise and it did but only a tiny bit. What I enjoy now is being able to pick up freqs I NEVER would've without it. The only real disadvantage I have is when a paging tower nearby goes off- I hear it in certain band ranges for a second. There are others out there that boast lower noise ratios but you won't find any for the $17.99 I paid. And, again, it improved my range over 20 miles.

>By the way, I forgot to mention that these work best if the bullet is
>installed at the antenna, NOT the end of the coax next to your receiver!
>Some folks moght not realize that.

The bullet amp I bought comes with two pieces- the inline bullet booster and the powered "receiver?"- the bullet must go at the antenna end and the powered "receiver?" must go at the scanner end for best results. Also RG-6, as I mentioned earlier, is the other key- changing coax drastically improved my receiving ability as well...

Shawn

soliver@ozarks.sgcl.lib.mo.us

3275. Re: Pro-2006 IF's

Newsgroup: rec.radio.scanner
Date: 1994-10-04 21:20:48 UTC
From: mulligan@ACM.ORG
Message-ID: <36sgvg$5nm@hopper.acm.org>
Source record: 267731

rbailey@nucleus.com (Rob Bailey) wrote:
> ... with my pro-2005 and had to calculate and check all of the IF's.

Actually, the 1st I.F. Alignment procedure uses the 800.500 MHz break as an arbitrary test point. The 1st local oscillator is incremented in 4 MHz steps, producing a 4 MHz wide 1st I.F. The second L.O. is then varied over a 4 MHz range to produce the 2nd I.F.

The various frequencies are:

Stage Loc Osc I.F.
1 636.000 - 1908.000 611.500 - 607.505
2 559.005 - 563.000 48.5
3 { 37.8 10.7 (WFM)
{ 48.045 455 kHz (AM/NFM)

The local oscillator freqs. are:

1st L.O. (VCO1/VCO2) = 612 + 4 * int[(RcvFreq-.5) / 4] MHz
2nd L.O. (VCO3) = (1st L.O.) - (RcvFreq) - 48.5 MHz

Now, let's get back to fast food freqs - I'm working on a formula to predict the frequency based on the second digit of the store's street address.

/* barry /&

3276. Re: RS-2006 Scanner - Luminescent display.

Newsgroup: rec.radio.scanner
Date: 1994-10-04 21:22:59 UTC
From: mulligan@ACM.ORG
Message-ID: <36sh3j$5nn@hopper.acm.org>
Source record: 267732

Berton Corson> ... life span of the back-light on the RS-2006.
Reported experience has been 2 to 4 years, depending on usage, eyesight
and tolerance. It's amazing how much difference a new one makes.

Slow Bob> ... how hard is it to replace ...
Only two simple solder points, but a moderate amount of disassembly.
From memory: remove bottom & top (note speaker wires); disconnect front
panel (unplug / unscrew wires top & bottom); remove front panel; remove
logic board from front; unsolder two leads to the ELP; remove dab of glue;
slide ELP out of display assembly; insert new ELP; re-assemble.
Note that disconnecting CN3 (15 wire cable) pulls battery voltage from
the logic board and memory may be lost. Record all programmed channels before
starting or leave CN3 connected and try to work around it.

Slow Bob> ... Do you have to replace the whole lcd panel or what?
The ELP (electroluminescent panel) slides out of the sandwich that makes
up the LCD display. It can be ordered for $11.50 from:
Tandy National Parts (800) 442-2425

Give them the catalog nbr of the radio (20-145) and ask for:
Ref.No Mfr's Part No. Tandy Part No.
EL501 Electroluminescent GE-88D-7738 LB-0040

You might want to order the tech manual ($6-8) at the same time, if only for
the exploded view.
/* barry /&

3277. Nickel Metal Hydride AA Cells?

Newsgroup: rec.radio.scanner
Date: 1994-10-04 21:24:01 UTC
From: rccons!root@telerama.lm.com
Message-ID: <f3a_9410042209@rccons.lm.com>
Source record: 267743

Hello jkearman@arrl.org!

04 Oct 94 13:31, jkearman@arrl.org wrote to All:

jo> Anyone know where NiMH AA cells are available?

jo> The 850 mAH AAs in my scanner went flat right at the end of the
jo> Poughkeepsie Air Show Sunday. Are higher capacity NiCd AAs
jo> available? Thanks

Falcon Direct
800-489-2611
800-489-2612 FAX

AA NiMH 1000mAH $4.55/ea.
AA NiMH 1200mAH $6.40/ea.

Rick Christian, AAJP/BSEE
AOSC PA Editor
Internet: rccons!aosc_pa@telerama.lm.com

3278. An RS Parable

Newsgroup: rec.radio.scanner
Date: 1994-10-04 21:28:40 UTC
From: marcbg@metronet.com
Message-ID: <Cx63nt.5AI@metronet.com>
Source record: 267737

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(A budding electronic hobbyist walks into radio shack):

RSP: (Radio Shack Person): Hi. Can I help you?

BEH (Budding Electronic Hobbyist): Yes. I'm putting together a small project and need some parts.

RSP: Parts? We've got parts! Whatcha need?

BEH: Bailing wire, some plutonium, a shell with a three foot wide casing, a high current 6 volt battery, electronic timing circuit, and maybe a radio receiver and transmitter.

RSP: We have speaker wire, but no Bailing wire - would that be OK?

BEH: Sure, shouldn't make much difference.

RSP: Say - do you have a pair of speakers to go with that wire?

BEH: No, as a matter of fact I don't - but ...

RSP: Here - let me show you a set of Olyphonic 980s. Made with cobolt inserts and platinum lugs.

BEH: Cobalt - platinum - hey - let me see!

RSP: These babies are good from 0 to 20 MHz, and they even get single sideband!

BEH: Kewl. Well - put the speakers aside, I guess I'll take them. What about the three foot casing?

RSP: Three foot casing? What do you need that for?

BEH: We, er, are, er, making a small nuclear reactor for use with a detonation device?

RSP: Nuclear reactor? Please. Come look at our Mr. Science kits here - look - the Professional 9900 kit even includes its own impedence bridge!

BEH: Well, we were planning on the Brooklyn Bridge, but this here Impedence Bridge might be easier if it's small enough.

RSP: And let's see - you need a battery - here - let me give you one of these little cards.

BEH: Hey! This isn't a battery!

RSP: No - but when you come back each month you'll get a free battery each time you visit.

BEH: Well, this device is designed for a one time use. Look - I'm wasting time here - where's the timers?

RSP: Timers? What you need is a good home security system.

BEH: But I live in the desert, and there's no one around.

RSP: Here's the Mylanta 2000 - complete with a siren, auto alarm indicator, paging unit...

BEH: Paging unit - say - I could modify that - I'll take it!

RSP: WHat else was on your list?

BEH: Plutonium?

RSP: Sorry, you'll need to go to a drugstore for that, but we've got these really neat little spools of solder you could use - they melt at 20,000 degrees Kelvin, I think!

BEH: Hmmm. Made of Lead. I guess they'd be handy. I'll take 1000 rolls.

RSP: Sorry, I can only sell you 10 rolls, I don't know how to enter anything greater than a quantity of 10 into my point of sale terminal.

BEH: Sailing? You Sail?

RSP: Last four digits of your phone number, please?

3279. UTC-3000 Freq Counter for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-04 21:47:46 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <36sii2$djc@umcc.umcc.umich.edu>
Source record: 267733
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Optoelectronics Freq Counter model UTC-3000, with option package
BLB-30.

This handheld frequency counter covers 10Hz-3GHz, has a built-in
16-segment RF signal strength indicator, and in addition to displaying
direct & prescale frequency, will show signal period, ratio, time interval,
and average.

The optional BLB-30 package are internal options which provide for a
backlit LCD display, and also a 'beep' function which causes the UTC-3000 to
respond with a beep when it detects a signal.

The unit is in excellent condition, and comes with all packing
materials (original box & manual), leatherette case, ac adaptor, antenna,
and original purchase receipt.

$200

If interested, send e-mail.

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie: T.Tyler5 AOL: Hooligan MCI: 442-5735
Ypsilanti MI
48197 This product was not tested on any animals.

3280. PRO-2021 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-04 21:50:18 UTC
From: Nigel Le Poidevin <100046.2520@CompuServe.COM>
Message-ID: <36simqger1@mhadg.production.compuserve.com>
Source record: 267734

I have a Tandy (Radio Shack) PRO-2021 scanner and would like to know if there are any mods available to improve/change the functions available. Also does anyone know where I might get a service manual for it (Sourced in the UK preferably)
Thanks. Nigel Le Poidevin.

3281. Re: NEWBIE: needs suggestions...

Newsgroup: rec.radio.scanner
Date: 1994-10-04 22:06:42 UTC
From: terry@chaos.mcs.mu.edu
Message-ID: <36sjli$n2v@spool.mu.edu>
Source record: 267735

David S Aidekman (aidekman@mail2.sas.upenn.edu) wrote:
: I've been very interested in purchasing a scanner for a long time, and
: I've recently been reading this newsgroup. I am fascinated by what you
: can do with them, but I only have a vague idea of what their descriptions
: mean. I see that Radio Shack is unpopular on here, but I'm looking for
: suggestions on what to get for a beginner and where to go.
: Is Radio Shack really that bad? there's one nearby and it would be pretty
: convenient, but I need to know what to look for and what questions to ask.
: Thanks in advance....

I just purchased a Pro-43 scanner from Radio Shack and am VERY happy with it.
I don't think that the gripes against RS are so much aimed at the products
but more at the people who work there. I understand what it's like to work
in retail (I used to work at Best Buy and now at Comp USA) but many of the
people who I talk to at Radio Shack aren't as up on the products they sell
as I think they should be. Luckly enough, the RS next to me has some very
knowledgable people in it and that's where I do all my shopping. As far as
getting your first scanner, RS is as good as place as any. I'd ask here first
to see what everyones opinion is for a good starter s

whoops... incoming mail.. :)
anyway... see what everyone here suggests and then go to RS with piece of
mind about what you are buying just in case you happen to get stuck with
a bad salesman.

Terry
terry@chaos.mcs.mu.edu

3282. Re: Undiscovered 2006 mod

Newsgroup: rec.radio.scanner
Date: 1994-10-04 22:36:27 UTC
From: dfleming@earth.execpc.com
Message-ID: <36sldb$rpc@homer.alpha.net>
Source record: 267738

rwalker (rwalker@sim.es.com) wrote: : In article <36p5vk$ifg@garion.it.com.au>, barry@garion.it.com.au (Barry O'Grady) says: : > : >> I've found that if you clip the wires that feed the internal speaker, : >> it does wonders for the squelch. I've not noticed any static on : >> any freq since I've done this. : >> : >> However, I've not been getting any "hits" lately. Could it be related? : > : >I have heard of the mod you describe and also that it has a small side : >effect of removing all audio. However if you don't want to listen to : >your scanner then it should not be a problem. : > : > : There are a couple of other mods that produce similar results which can : be done without voiding the warranty (if you're concerned about it)

: 1. Stick an earphone adapter (a mono to stereo adapter available at RS
: works fine) in the earphone jack without the head phones.
: 2. Take out the batteries and disconnect all power.

: regards, r.w.

This really isn't that funny anymore..or is it just me.......:)

3283. Re: NEWBIE: needs suggestions...

Newsgroup: rec.radio.scanner
Date: 1994-10-04 22:53:48 UTC
From: Gary.Bennett@SEN.CA.GOV
Message-ID: <1994Oct4.145348.663@sen.ca.gov>
Source record: 267736

In article <36s8kv$fff@netnews.upenn.edu>, aidekman@mail2.sas.upenn.edu (David S Aidekman) writes:
> I've been very interested in purchasing a scanner for a long time, and
> I've recently been reading this newsgroup. I am fascinated by what you
> can do with them, but I only have a vague idea of what their descriptions
> mean. I see that Radio Shack is unpopular on here, but I'm looking for
> suggestions on what to get for a beginner and where to go.
> Is Radio Shack really that bad? there's one nearby and it would be pretty
> convenient, but I need to know what to look for and what questions to ask.
> Thanks in advance....
>
> --
> Dave Aidekman
> aidekman@sas.upenn.edu

As with any large organization, there will be those believing they have not been completely served. From reading recent "scanner" postings it would be reasonable to assume the scanning community has a negative relationship with Radio Shack. I believe the assumption would be incorrect.

It has not been my wish, until this time, to become involved in this inane exchange. If you are new to Internet a few words of caution - if I may. Sift carefully. To it's credit, the ability to interact with fellow enthusiasts may afford you a wealth of valuable information - or it may not. I can not speak for others, but I would guess that the vast majority of those participating in the Internet radio groups have few, if any, Radio Shack gripes. The vocal few do not speak for the whole.

I congratulate you on your willingness to undertake research before purchase. As an informed buyer you have the power to be a fully satisfied customer.

NOTE: I have had a PRO-51 for a little over a month. The price/benefit ratio leaves me very satisfied.

3284. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-10-05 00:20:12 UTC
From: g9153402@huey.csun.edu
Message-ID: <36srfs$t97@nic-nac.CSU.net>
Source record: 267752

Tom Randolph (randolph@est.enet.dec.com) wrote:

> If you know what you need, and RS has it, and you don't mind the "last four
> digits of your phone number" routine, then they're ok. The thing to avoid is
> going into one and relying on the salezoids to give you the information you
> need to make a purchase.

> I occasionaly buy something there on a weekend, when nothing else is open, or
> when I can't get it cheaper or easier elsewhere. I do a fair amount of hobby
> electronics shopping at ham flea markets, so I know what's available.

To be fair, some of their big-ticket items are pretty good stuff. For instance,
> the HTX202 2m transceiver is one of the better 2m handhelds you can get. I
> think I read it's made by Maxon under contract from RS?

> -Tom R. N1OOQ randolph@est.enet.dec.com

Sort of agree. I also try to buy only sale items that I see in the
mail, on a circular they send me about once a month or so. Some of
their prices are high, but if you wait long enough, a lot of it
gets rotated to be on sale eventually..

3285. Re: SCANNING THE ROAD

Newsgroup: rec.radio.scanner
Date: 1994-10-05 01:02:35 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Oct4.170235.4653@cmkrnl>
Source record: 267747

In article <rtm-031094191220@kip-63.apple.com>, rtm@newton.apple.com (Bob Martin N6MZV) writes:
> In article <36q2f2$luf@hprcl192.mayfield.hp.com>, jallbrig@mayfield.hp.com
> (Jan Allbright) wrote:
>
>> On Mon, 03 Oct 94 13:33:43 , russell.turns@chrysalis.org wrote:
>>
>> : I heard from a bus driver that you can use a scanner as a way to find out if
>> : police are stopped on the road shooting radar. he explained that when a police
>> : car stops it automatoically turns on a beacon to let HQ know where they are, in
>> : case they get shot or something. To back up his theory, a truck stop that I
>> : was in had scanners for sale explaining that they could find police up to ten
>> : miles away. Any freq. info or general knowledge ?
>> : Thanks
>>
>> One of the things that happens when a CHP gets out of his/her car
>> is that a mobile extender is turned on. The mobile extender trans-
>> cieves the 42 Mhz freq of the car to a 158 Mhz freq of the handi-
>> talk used by the officer. The extenders are very low powered and thus
>> have short range...If you listen for activity on this extender freq.
>> you will be alerted to units close by...
>>
> The frequency used by the California Hiway Patrol extenders is 154.905 MHz.
> Different states use different schemes.

In any case, this only alerts you to CHP units that are already occupied with traffic stops. The ones you need to worry about are the ones that are still on the prowl. In the old days the CHP used leave the mobile extenders on all the time, but no more.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

3286. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-05 01:04:17 UTC
From: g9153402@huey.csun.edu
Message-ID: <36su2h$1fm@nic-nac.CSU.net>
Source record: 267753
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

merlin (merlin@neuro.usc.edu) wrote:
> I seem to recall a few years ago California passed a law requring vendors
> of cellular telephones to sell their phones to customers who do not want
> their phones activated for the advertised price + the rebate from the cell
> telephone company. I would like to acquire a Motorola Ultra Classic M to
> be used at a future date (probably next year when I can afford cell calls)
> -- but the local vendor (Affordable Portables) which advertised $69 price
> + $25 rebate (which should make the cost $94 total) insists in adding on
> extra fees for programming ($100 for a service they are not being asked to
> do -- and which I could do just as well on my own) and early termination
> ($275 for a service contract which I do not want to purchase). These fees
> would appear to violate the wording, intent, and spirit of the state law
> which was supposed to prevent this kind of consumer abuse.

> Does anyone know how to find the state statute and/or who to contact for
> enforcement of the state law so I can buy my $94 Motorola Ultra Classic
> M cellular telephone without paying outrageous fees designed to prevent
> people like me from benefiting from the advertised price?

> Thanks, Merlin

Merlin,

I KNOW EXACTLY WHAT YOU MEAN!

The name of the bill that you are refering too, that prevents
cellular retailers from bundling cellular service with an onerous
cellular plan (in California) is the Connelly Bill (AB 275).
Who I think you should contact is:

The Attorney General's Office
Telemarketing Unit
300 S. Spring Street, 5th Floor
Los Angeles, CA 90013

As far as 'Affordable Portables', I wouldn't touch them with
a ten-foot pole! Many cellular retailers try to skirt the law,
mainly by saying they sell to 'end-users' only, meaning they
want to program it, and want a cellular number from you to do
it, if they're not going to supply you with the service.
I had the same slop happen to me at Affordable Portables.
They told me a whole bunch a bull-sh*t why they can't just
sell you the phone and have to sell you some cellular phone
plan. What I heard from their salespeople was enough to
make me throw-up. They even told me they're not allowed to

sell phones because of 'cellular toll fraud'. It was absolute nonsense, as that isn't even their responsibility. I didn't pursue my problem legally with Affordable Portables, but Air Touch & L.A. Cellular told me they really can't do what they told me. Reputable dealers, like 'The Good Guys', will sell you outright every phone they got, if that's what you want. A Good Guys salemen even told me that Affordable Portables can't do what they're doing. In fact, he seemed angry at them when I told him what they did, since he has to go with Good Guy's company policy, which is to follow the law. He told me to sue them. I didn't, because I really don't have the time, or resources, to sue Affordable Portables about a $60 cellular phone. The problem is, that these retailers don't make much money (and maybe nothing) on selling the phones themselves, but on these one and two year cellular service plans. The law was supposed to put a stop to this unfare bundling, but it continues, as these retailers start fast-talking with their customers. Something really has got to be done about this...
Good Luck!

Berton Corson

3287. Re: SCANNER BAN/WIRETAP BILL

Newsgroup: rec.radio.scanner
Date: 1994-10-05 01:22:07 UTC
From: ad225@detroit.freenet.org
Message-ID: <36sv3v$pdm@detroit.freenet.org>
Source record: 267755

Gee ... and I always thought the public owned the airwaves!

Gary
--
Gary Baumgarten
ad225@detroit.freenet.org

3288. The Scanman's Handbook v11 now out

Newsgroup: rec.radio.scanner
Date: 1994-10-05 01:44:54 UTC
From: draziw@netcom.com
Message-ID: <draziwCx6FIv.Mvt@netcom.com>
Source record: 267760
Cross-posted to: rec.radio.scanner,alt.radio.scanner

THE SCANMAN'S HANDBOOK [V11.00] MAY 1994

Lists thousands of radio frequencies and codes for Southern California.
Coverage of Police, Fire, Sheriff, Medical, CHP & Government. Includes
Amateur Radio, CB, Public Attractions & Amusements, Schools & Colleges,
Security Firms, Resteraunts, Hotels & Inns, and much more! Extensive
Revision - A Must For The Scanner Owner!

**
It now also has some east coast freqs.
You can get the program via anon ftp from: ftp.netcom.com:/pub/draziw

the filename is scanm11.zip

Ryan draziw@netcom.com
UATBIT - Users Against Tofu Brained Internet Twerps

3289. Pro-43 for sale. Prestine condition.

Newsgroup: rec.radio.scanner
Date: 1994-10-05 01:51:22 UTC
From: wbishop@netcom.com
Message-ID: <wbishopCx6Ftn.9sB@netcom.com>
Source record: 267761

Yes. Here it is. Bought in July. It does have an A in the serial number.
Reason Im selling it? A friend of mine came across another scanner I would
like to purchase. So this scanner still has the original box,
instructions, and most if not all of the packaging. Would rather sell it
to someone local to the Bay Area, but I can negotiate a COD, if you'd rather.
Im asking $300. which is what I paid (less tax). Its in sellable condition..

Email me if interested..

Bill
wbishop@netcom.com
wbishop@caere.com

--
Chinchilla Bill - New and Improved - Now comes with 2 chinchillas!
San Jose, California wbishop@caere.com

3290. Re: Radio Shack

Newsgroup: rec.radio.scanner
Date: 1994-10-05 02:30:37 UTC
From: jnormandin@umassd.edu
Message-ID: <Cx6Hn3.KC9@umassd.edu>
Source record: 267744

In article <36pf0l$c8n@theopolis.orl.mmc.com>, jcarter@orl.mmc.com (James Carter) writes:
>I just heard Radio Shack had orders from above to pull all
>PRO23, PRO46, PRO51 and 2026 off the market in the USA including
>all layaways.
>
>Has anyone heard this?
>
>Jim
>
>o o ooo o o ooo oo o o | James A. Carter | Jcarter@orl.mmc.com
>o o o o o o o o o oo o | MARTIN MARIETTIA | FCC Lic. KD4PON
>o o o o o o o o o o o o | Electronics & | These views are my own and
>o o o o oooo ooo o o o oo | Missiles Division | not that of my employer.
>o o o o o o o o oo | Orlando, Florida |
>o o ooo o o oo o o | 32855 | Thanks Jim
>
>
>
I saw it printed in Monitoring Times Magazine!

The Canadian Imports are not "Censored"
I have an AOR AR1500 that has .5 to 1300Mhz no interruption!
anything over 1300Mhz all I need is a downconverter.
It's decent for monitoring utilities that's for sure.
0

3291. Re: What's this Boston Freq ??

Newsgroup: rec.radio.scanner
Date: 1994-10-05 02:44:40 UTC
From: jnormandin@umassd.edu
Message-ID: <Cx6IAH.Kon@umassd.edu>
Source record: 267745

In article <36qjiq$gch@sundog.tiac.net>, usa@max.tiac.net (Amiga Lover) writes:
>
>Ok.. I'm very new to the Scanning world so don't flame me too much... I
>just picked up on a freq today.. That seems to work only until the
>evening.. >>>> 860.725o <<<< .. Just wondering.. Hre's a description
>of it for those that do know already.. I can hear calling on it.. And
>will hear the people talk for like 5-10 seconds then BZZZT! It changes to
>another call... the same thing happens again BZZT! another call.. What is
>this. Or what is it called ?? Thanks.. Oh yeah another quicky.. I got a
>Pro-32. Are there ANY Mods at all?? I mean anything ??.. Anyway I'm
>trying to get this freq... It's like at 146.000o but it's kida garbled
>then when I scan up it jumps to like 146.015o then it's totally out of
>range.. So how can I get it to go to like .010o OR .005o ???
>
> Thanx !!!
>
>Jake
Jake, that's just a cell phone network doing it's thing! Don't forget cars are
mobile. It switches from cell to cell depending what location they are at. In
order to monitor a full conversation you need to find the data channel of that
cell and decode it. use the decoded information to switch frequencys.
It can be done. You need a PC, a cell capable scanner with a serial interface,
some programming knowledge, and a lot of patience!
I developed a cheap data demodulator for WEFAX, you can probably decode
the data with a high speed comparator circuit.

It will be a fun project, but you need patience.. first you need to crack the
data stream, they will be stupid if it's common 7bit or 8 bit ascii, it's got
to be encoded, but anything encoded can be cracked!

stationsd careu

3292. Re: Pro-43-400 channels (long!)

Newsgroup: rec.radio.scanner
Date: 1994-10-05 02:51:11 UTC
From: Chris Hall <chall@server0>
Message-ID: <Pine.SUN.3.90.941004224952.14976K-100000@server0>
Source record: 267746

I just have one question - What could you probably need 400 programable
channels for? I have the pro-43, and I use 45 and that's all I think
I'll ever need, and I search everything it offers, not just 800MHz.

```
___________ ___________ ___________ ___________
chall chal| chall | chall | chall | chall |hall chall
hall chall| @ | @ | @ | @ |chall chal
all chall | jabba | jabba | jabba | jabba | chall cha
ll chall c| . | . | . | . |l chall ch
l chall ch|Cybernetics |Cybernetics | Cybernetics| Cybernetics|ll chall c
chall cha| . | . | . | . |all chall
chall chal| NET | NET | NET | NET |hall chall
~~~~~~~~~~~ ~~~~~~~~~~~ ~~~~~~~~~~~ ~~~~~~~~~~~
```

@jabba.Cybernetics.NET @oven.ccds.charlotte.nc.us @pro-charlotte.vnet.net

3293. Pro-43 Mod. - Success!!!

Newsgroup: rec.radio.scanner
Date: 1994-10-05 03:15:32 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <Cx6Jpw.7CC@freenet.carleton.ca>
Source record: 267758

Well, finally got up enough nerve last night to try the cellular mod
on my Pro-43.

Everything went good until I actually saw the size of the diode I had
to remove---WOW are they ever small!!

With fingers crossed, I managed to remove the diode with no serious
side effects to the scanner (I won't mention the little accident
involving the soldiering iron and my pinky finger).

The moral of this story is - if -I- can do this (being
electronically challenged as I am), then anyone can - it's not really that
hard!!!!

p.s. Just listened to a couple of teenagers having a lovers quarrel about
who was sleeping with who last night. MAN, I love this hobby!!!!

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

3294. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-05 03:20:33 UTC
From: merlin@neuro.usc.edu
Message-ID: <36t621$ffp@neuro.usc.edu>
Source record: 267748
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

In article <> g9153402@huey.csun.edu (Berton Corson) writes:
>merlin (merlin@neuro.usc.edu) wrote:
>> Does anyone know how to find the state statute and/or who to contact for
>> enforcement of the state law so I can buy my $94 Motorola Ultra Classic
>> M cellular telephone without paying outrageous fees designed to prevent
>> people like me from benefiting from the advertised price?

Yesterday, Affordable portables quoted me:

$ 69.00 for the Motorola Ultra Classic M
$ 100.00 programming fee
$ 275.00 early contract termination fee

Today, Affordable Portables quoted me:

$ 69.00 for the Motorola Ultra Classic M
$ 100.00 programming fee

This is still $100.00 more than they advertised in the Sunday L A Times.
I don't want activation -- California State Law (Business & Professions
Code Section 17026.1(b) clearly states activation is not required:

(b) In each retail location, all retailers of cellular telephones
shall post a large conspicuous sign, in lettering no smaller than
36-point type, that states the following: "Activation of any cellular
telephone is not required and the advertised price of any cellular
telephone is not contingent upon activation, acceptance, or denial
of cellular service by any cellular provider."

The sales agent on the phone told me no cellular telephone could leave
the store without being programmed with a NAM as a matter of store policy
to cut down on cellular fraud. While this is a nice goal, requiring the
payment of a programming fee does not cut down on cellular fraud (that is
the purpose of the nonprogrammable ESN electronic serial number embedded
in each cellular telephone). Moreover, requiring programming of the NAM
is the same thing as requiring activation because there is no NAM which
could be programmed into the telephone without activation.

I want my $69.00 Motorola Ultra Classic M. I do not want it activated
with any carrier. I do not want it programmed with an illegal 'bogus'
telephone number. I do not want to pay extra for this illegal bundled
programming service fee which is being used to attempt to recover part
of the cost of selling these units below cost. The programming fee is
tantamount to requiring activation -- which is forbidden by state law.

>As far as 'Affordable Portables', I wouldn't touch them with
>a ten-foot pole! Many cellular retailers try to skirt the law,
>mainly by saying they sell to 'end-users' only, meaning they
>want to program it, and want a cellular number from you to do
>it, if they're not going to supply you with the service.
>I had the same slop happen to me at Affordable Portables.
>They told me a whole bunch a bull-sh*t why they can't just
>sell you the phone and have to sell you some cellular phone
>plan. What I heard from their salespeople was enough to
>make me throw-up. They even told me they're not allowed to
>sell phones because of 'cellular toll fraud'.

If someone wants to ban cellular fraud then they should forbid the manufacture of telephones with easily modifiable ESN's. There are even a few telephones (it is said the OKI 900 is one of these) one can actually decode and replace the resident firmware to create a device capable of capturing ESN's off the air and using those same ESN's automatically without any additional modification. There are also technical means (transmitter carrier wave fingerprinting and detecting calls originating from supposedly identical transmitters which are keyed up from locations too far apart to allow reasonable travel time).

To allow an entire string of retailers to violate state law by the imposition of a policy which effectively requires activation -- is entirely contrary to public policy (the legislature's attempt to forbid bundling of services with cellular telephone sales), amounts to an unfair trade practice/deceptive advertising, and is contrary to the best interest of the public.

I may end up having to complain about Affordable Portables to Calif Attorney General, District Attorney, City Attorney, Public Utilities Commission, California Department of Consumer Affairs -- but I know that the people who refuse to sell this cellular telephone for their advertised price of $69.00 are at risk of a misdemeanor fine of $100 to $1000 and/or six months in jail for each time they refuse to sell.

3295. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-10-05 03:41:22 UTC
From: abec@ix.netcom.com
Message-ID: <36t792$oui@ixnews1.ix.netcom.com>
Source record: 267750

In <36rr42$8nd@mrnews.mro.dec.com> randolph@est.enet.dec.com (Tom Randolph) writes:

>
>
>In article <hughemCx07wB.3GC@netcom.com>, hughem@netcom.com (Hugh Hemington) says:
>>
>>There seems to be a lot of Radio Shack bashing on this newsgroup. I have
>>a few comments:
>>
>>The RS in my area seems to have what I need when I need it in a hurry.
>
>If you know what you need, and RS has it, and you don't mind the "last four
>digits of your phone number" routine, then they're ok. The thing to avoid is
>going into one and relying on the salezoids to give you the information you
>need to make a purchase.
>
>I occasionaly buy something there on a weekend, when nothing else is open, or
>when I can't get it cheaper or easier elsewhere. I do a fair amount of hobby
>electronics shopping at ham flea markets, so I know what's available.
>
>To be fair, some of their big-ticket items are pretty good stuff. For instance,
>the HTX202 2m transceiver is one of the better 2m handhelds you can get. I
>think I read it's made by Maxon under contract from RS?
>
>-Tom R. N1OOQ randolph@est.enet.dec.com

Opinions opinions. I agree that RS is a great place to get stuff when you
know what you want and I can do most of my shopping by looking thru their
catalog before I make a trip to the local store... very very convenient
and there are several stores in my area.

As for their HTX202 handheld (and other HAM handheld transceivers), I
personally think they feel cheap and cheezy as in cheap plastic with
poor fit 'n finish. They're rather large considering their very modest
list of bells and whistles. For the few extra bucks, I'd rather purchase
a quality Icom or Yaesu rice box. (I had heard that Icom makes some of
the RS HAM handhelds but if they do, they're not using their best technology).

Abe WA6UCS abe@sgi.com abec@ix.netcom.com

3296. Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-10-05 04:28:06 UTC
From: robert1159@aol.com
Message-ID: <36ta0m$49q@newsbf01.news.aol.com>
Source record: 267757

I have had a Pro 2006 for several years and have always experienced interfearance on it. I cannot listen to any VHF frequency between 154.500 to 156.500. If I puch in any frequency in that range, it will come up as a birdie. There will be dead air and any singal that comes in will distored at most. IT does not work outside of this range.

When I first got the scanner from Grove. I thought it was defective, and tried out several other units from local Stores.. Same thing. IT is definitely a local signal that is interfering because I have taken the radio outside of Austin (TX) and it worked fine.

I was told that the local TV station - Ch 7. That it was their transmitter voice is causing my problems. the actual distance from me to the suspected tower is aobut 15 miles. Does anyone think one of those filters from Grove would solve this problem? Up until now.. I just use the radio to monitor other frequencies outside of this band. Are there any other persons in Austin Texas with a 2006 that can confirm this? I have put it in my car and driven all around and the signal fades at times but it's always there. But one you leave town .. it fades out.

Any help or suggestions would be appreciated.. I do have a 2004 that works perfect.. and have not tried a 2005 but I think a friend visited that had one and reported nothing unusual.. why the 2006??

3297. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-10-05 04:53:33 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct5.045333.27697@hpcvaac.cv.hp.com>
Source record: 267759

khorton@tech.iupui.edu (Kevin E Horton) writes:
: bill nelson (billn@hpcvaac.cv.hp.com) wrote:
:
: : Forget it. The FCC would not allow that simple a change. I suspect that
: : you will find that there is a new processor - with the verboten frequencies
: : locked out in ROM.
:
: Couldn't one pop the EEPROM out and re-program it with the Forbidden
: Frequencies, then put it back in? The scanner most likely prevents
: entry of the frequencies only at the keypad.

If the frequencies are in discrete eeprom. I suspect the chance would be in
rom on the CPU chip.

Bill

3298. Re: Pro-43-400 channels (long!)

Newsgroup: rec.radio.scanner
Date: 1994-10-05 04:59:15 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct5.045915.27790@hpcvaac.cv.hp.com>
Source record: 267756

chall@server0 (Chris Hall) writes:
: I just have one question - What could you probably need 400 programable
: channels for? I have the pro-43, and I use 45 and that's all I think
: I'll ever need, and I search everything it offers, not just 800MHz.

Well, you could program the frequencies used by the individual cells used in your area. That would make following a cellular call easier. To do that completely, in a large area, would require over 600 channels.

Bill

3299. Re: NEED DIRECTION FINDING EQUIPMENT...

Newsgroup: rec.radio.scanner
Date: 1994-10-05 05:22:06 UTC
From: ghader@chinook.halcyon.com
Message-ID: <36td5u$1gi@news.halcyon.com>
Source record: 267754
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

afcraig@peach.america.net (Andrew Craig) writes:

>hutchine@river.it.gvsu.edu (E.Hutchinson-N8XHP) writes:

>>I am STILL looking for a doppler reciever to use for VHF radio direction
>>finding...If any one has one, or knows of someone that has one for sale,
>>then PLEASE E-mail me with info and price...TNX in advance...

>Eric,
>You may already know about it, but in case you don't know and are in the
>mood to build, take a look at the ARRL Handbook. It has a good section on
>DF'ing with projects. I'm not a ham, but I've found some useful stuff in
>that book.
> Andrew F. Craig
> afcraig@america.net

If cost is no object, try Doppler Systems in Arizona (ad's in 73, QST, etc.)

The controller box is about $300, and the antenna array (cut to freq.)
another $250.

Greg Hader
N7NHW

3300. Re: SCA Receiver Source

Newsgroup: rec.radio.scanner
Date: 1994-10-05 05:39:32 UTC
From: Reza@cerf.net
Message-ID: <Reza.1131723212A@news.cerf.net>
Source record: 267749

In Article <joeCx1uJH.2w9@netcom.com>, joe@netcom.com (Joseph Jesson) wrote:
>
>I recently ordered and received three SCA demodulator boards from
>SCS Radio Technology after noticing an advertisement in Radio
>News. Bruce Elving's SCA design uses a CA3089 IF/detector chip and
>a PLL (I designed his XR2211 PLL SCA demodulator) SCA. Bruce also
>sells FM receivers modified with the boards.

Thanks for your informative posting. I wonder if you checked out the SCA
kit from Ramsey. They sell an SCA kit for $27.95 which continously "Tunes
entire SCA subcarrier band 50-100 KHz" Do you think there is an advantage
in using a pre-tuned board for 57Khz, 67Khz, and 92Khz rather than a kit
that tunes them all?

3301. Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-05 05:49:51 UTC
From: dwatt@unixg.ubc.ca
Message-ID: <36tepv$t8h@nnrp.ucs.ubc.ca>
Source record: 267762
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

A fairly simple question... I hope. I am on the verge of purchasing an RS all-band antenna for use with my BC200xlt scanner (this after deciding that constructing my own antenna might drive me insane) and now I am faced with the decision as to which type of coaxial cable to use. Basically, I will only be running a maximum of 10-14 feet of cable. I have seen a lot of RG-58 and RG-59, but have also heard that RG-6 is superior. Any (semi-) definitive answers out there?

Much appreciated...

Cheers, Dave

3302. Re: Chicago/Illinois info wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-05 06:43:02 UTC
From: johnm286@aol.com
Message-ID: <36thtm$6go@newsbf01.news.aol.com>
Source record: 267751

In article <1994Sep26.083332.21784@wmichgw>, zimmer@wmich.edu writes:

most of the police frequncies for Chicago are in the 460.000 to 468.000 range, EMS is also on the low side of this Fire department uses 153.770 for south units, and 154.130 for the north units.

Hope this helps, have a safe trip.

3303. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-05 08:38:34 UTC
From: vjpachiano@ccgate.dp.beckman.com
Message-ID: <vjpachiano.115.0008A4CF@ccgate.dp.beckman.com>
Source record: 267626
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

>merlin (merlin@neuro.usc.edu) wrote:

[much stuff deleted]

> I would like to acquire a Motorola Ultra Classic M to
> be used at a future date (probably next year when I can afford cell calls)

Call me stupid ;-), but why would one want to buy a phone now and then not use
it for a year. A year from now, that same phone will be even cheaper, and
probably better. Just my $.02 worth.

Regards, Vince

Disclaimer:
*** Opinions expressed may not be correct,
but at least they're my own. ;-)

****
"There is no satisfactory substitute for excellence"
-Dr. Arnold O. Beckman
****

3304. Re: BC200XLT problem

Newsgroup: rec.radio.scanner
Date: 1994-10-05 10:53:51 UTC
From: jcarter@orl.mmc.com
Message-ID: <36u0jv$opb@theopolis.orl.mmc.com>
Source record: 267763

In article 23916@iglou.com, daiv@iglou.iglou.com (Daiv Stoner) writes:
/I just bought a used BC200XLT and it seems to have a problem. It won't
/receive anything. All of the functions and keys seem to work right,
/but I can't even get noise by turning the squelch knob all the way up

That's funny mine did the same thing! (BearCat Quality???). I turned mine on one day after a month in the drawer. The display came on and everything seems to work except the receiver. I took it apart and noticed either a transistor or regulator on one of the boards was smoked. I expect the surge voltage did it? Anyway all the parts are surface mount and are hard to find so I sent it in for repair.

As soon as I get it fixed it's for sale!! I have had a pro-37 for years with no trouble. You would think it would be the other way around?

Jim

o o ooo o o ooo oo o o | James A. Carter | Jcarter@orl.mmc.com
o o o o o o o o o oo o | MARTIN MARIETTIA | FCC Lic. KD4PON
o o o o o o o o o o o o | Electronics & | These views are my own and
o o o o oooo ooo o o o oo | Missiles Division | not that of my employer.
o o o o o o o o o oo | Orlando, Florida |
o o ooo o o oo o o | 32855 | Thanks Jim

3305. Re: Pro-43-400 channels (long!)

Newsgroup: rec.radio.scanner
Date: 1994-10-05 12:21:28 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cx78zs.MLH@nntpa.cb.att.com>
Source record: 267765

In article <Pine.SUN.3.90.941004224952.14976K-100000@server0>,
Chris Hall <chall@server0> wrote:

>I just have one question - What could you probably need 400 programable
>channels for? I have the pro-43, and I use 45 and that's all I think
>I'll ever need, and I search everything it offers, not just 800MHz.

It's useful to have more than 200 channels and at least 10 banks in
a portable scanner for use in several locations. Due to the nature
of a portable scanner, it can be taken just about anywhere.

I arrange different sets of memory banks to correspond
to places I am when I listen. I have different sets of banks for:

- scanning while at home
- scanning while at work
- scanning while at shopping Mall #1
- scanning while at shopping Mall #2
- scanning while in town XYZ
...

In some cases, I need to scan more than 20 channels from a given
location, and that requires using more than one bank in the PRO-43.
Don't forget that (multi-channel) trunked systems eat memory channels, too.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

3306. How to get ant wires outside.

Newsgroup: rec.radio.scanner
Date: 1994-10-05 12:27:25 UTC
From: dayglo@mindvox.phantom.com
Message-ID: <e53PTc4w165w@mindvox.phantom.com>
Source record: 267766

I unfortunately live in an apt. with a sliding glass door. I want to mount my antennas outside but am unable to run wires outside without mod'in the apt. Does anyone have any ideas how this can be accomplished through glass?

3307. Re: Pro-43-400 channels (long!)

Newsgroup: rec.radio.scanner
Date: 1994-10-05 13:46:24 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.491.000DC65F@ccm.hf.intel.com>
Source record: 267657

In article <Pine.SUN.3.90.941004224952.14976K-100000@server0> Chris Hall <chall@server0> writes:

>I just have one question - What could you probably need 400 programable
>channels for? I have the pro-43, and I use 45 and that's all I think
>I'll ever need, and I search everything it offers, not just 800MHz.

I have a 2005 with 6400 channels. When I was in California, I managed to fill up about 2300 of them, but here in Utah, I don't think I'll make it to 400.

Here are a few ideas to fill more than 200 channels...
Having banks for Military air could take 100's of channels, add FBI, CIA, SS, DEA, FCC, FEMA, BLM, USFS, U.S. Marshalls, Federal Protective service, Marine, Cordless phones, Cellular, CB, Ham repeaters, MARS, Civil Air Patrol, Postal Service inspectors, Immigration, Border patrol, Customs, FAA, NTSB, ATF, Police (local, sheriff, SWAT, state troopers), Fire, Medical, local government, DOT, Aircraft, NASA, Tow trucks, Private security, GMRS, NOAA, TV, FM Broadcast, Cable companies, Utility companies, Malls, Sports, wireless mics, military bases...

You get the idea.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3308. Re: Pro-43 for sale. Prestine condition.

Newsgroup: rec.radio.scanner
Date: 1994-10-05 13:50:04 UTC
From: gdallal@world.std.com
Message-ID: <Cx7D3H.IC4@world.std.com>
Source record: 267767

Bill Bishop (wbishop@netcom.com) wrote:
: Yes. Here it is. Bought in July. It does have an A in the serial number.
: Reason Im selling it? A friend of mine came across another scanner I would
: like to purchase. So this scanner still has the original box,
: instructions, and most if not all of the packaging. Would rather sell it
: to someone local to the Bay Area, but I can negotiate a COD, if you'd rather.
: Im asking $300. which is what I paid (less tax). Its in sellable condition..

Undone by RS again! RS itself has these units on sale for $300, which
means the buyer gets full warranty and 30 return privelege.

3309. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-10-05 13:51:02 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.492.000DDA26@ccm.hf.intel.com>
Source record: 267659

In article <36t792$oui@ixnews1.ix.netcom.com> abec@ix.netcom.com (Abe Collins) writes:

>As for their HTX202 handheld (and other HAM handheld transceivers), I
>personally think they feel cheap and cheezy as in cheap plastic with
>poor fit 'n finish. They're rather large considering their very modest
>list of bells and whistles. For the few extra bucks, I'd rather purchase
>a quality Icom or Yaesu rice box. (I had heard that Icom makes some of
>the RS HAM handhelds but if they do, they're not using their best technology).

The RS 202 and 404 are made by Maxon.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3310. Re: SCANNER BAN/WIRETAP BILL

Newsgroup: rec.radio.scanner
Date: 1994-10-05 13:55:09 UTC
From: gdallal@world.std.com
Message-ID: <Cx7DBy.Ko3@world.std.com>
Source record: 267768

Bad News (nitz@lds.loral.com) wrote:
: The Digital Telephony bill (H.R. 4922/SB 2375)recently passed the
: Senate and House Judiciary commitee. It will soon go to the floor
: of the House and Senate for a vote. This bill could make a person
: a felon if he/she:

: (6) knowingly and with intent to defraud uses, produces, traffics
: in, has control or custody of, or possesses_
:

We've been around the block with this before. There are two camps:
those who see big brother at the door and those who find it hard to get
upset about a bill that specifies "knowingly and with intent to defraud".
I'm not sure there's anything to be gained by another rehash, but I don't
presume to speak for the group, which will have its way regardless!

3311. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-05 14:30:52 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.126.000883F9@chevron.com>
Source record: 267772
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

In article <36su2h$1fm@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:

>merlin (merlin@neuro.usc.edu) wrote:
>> I seem to recall a few years ago California passed a law requring vendors
>> of cellular telephones to sell their phones to customers who do not want
>> their phones activated for the advertised price + the rebate from the cell
>> telephone company. I would like to acquire a Motorola Ultra Classic M to
>> be used at a future date (probably next year when I can afford cell calls)
>> -- but the local vendor (Affordable Portables) which advertised $69 price
>> + $25 rebate (which should make the cost $94 total) insists in adding on
>> extra fees for programming ($100 for a service they are not being asked to
>> do -- and which I could do just as well on my own) and early termination
>> ($275 for a service contract which I do not want to purchase). These fees
>> would appear to violate the wording, intent, and spirit of the state law
>> which was supposed to prevent this kind of consumer abuse.

The $100 activation fee appears to be blantenly illegal to me. The "$25
rebate" may be a "waived activation fee." So you only realize that $25 if you
activate. That would make the effective cost of a $94 phone $69...but you
already know the math.

>> Does anyone know how to find the state statute and/or who to contact for
>> enforcement of the state law so I can buy my $94 Motorola Ultra Classic
>> M cellular telephone without paying outrageous fees designed to prevent
>> people like me from benefiting from the advertised price?

>The name of the bill that you are refering too, that prevents
>cellular retailers from bundling cellular service with an onerous
>cellular plan (in California) is the Connelly Bill (AB 275).
>Who I think you should contact is:

> The Attorney General's Office
> Telemarketing Unit
> 300 S. Spring Street, 5th Floor
> Los Angeles, CA 90013

Since California is one of only two states where cellular phone service is
tariffed, I would call the California Public Utilities Commision. Normally a
useless agency, but they might find this to be their turf. Check the
govenment listings in the phone book.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

3312. Organizing channel banks (Was Pro-43-400 channels)

Newsgroup: rec.radio.scanner
Date: 1994-10-05 14:32:37 UTC
From: bjb@petrel.cle.ab.com
Message-ID: <36ude5$mk1@news1.hh.ab.com>
Source record: 267769

In article <Cx78zs.MLH@nntpa.cb.att.com> parnass@ihlpf.att.com writes:
>
>I arrange different sets of memory banks to correspond
>to places I am when I listen. I have different sets of banks for:
>
> - scanning while at home
> - scanning while at work
> - scanning while at shopping Mall #1
> - scanning while at shopping Mall #2
> - scanning while in town XYZ
> ...
>
This discussion brings to mind a question. How do you organize
your channel banks? I tend to organize mine functionally rather
than geographically, with one exception:

1 - Police
2 - Fire, Rescue, Med Helicopters, Traffic Reports
3 - Local Aircraft frequencies & airports
4 - Trains
5 - Regional Air frequencies, ATC
6 - HAM repeaters, Space shuttle rebroadcast, etc.
7 - cordless phones
8 - Local emergency frequencies, unfortunately overlaid
by cellular images ;-)
9 - Same as 8
0 - Interesting frequencies near my parents' home, weather,
local TV audio (a lot of locked-out channels)

This is just how my own scheme evolved; one day I'll get energetic
and repartition it all. Any notion of what might be better?

--
Bradley J. Bittorf | Phone: 216.646.4629
Allen-Bradley Company/Rockwell Automation | FAX: 216.646.4484
747 Alpha Drive, Highland Heights, OH 44143 | e-mail: bradley.bittorf@ab.com

3313. 10-Codes Needed!

Newsgroup: rec.radio.scanner
Date: 1994-10-05 15:09:18 UTC
From: cmgrawbu@eos.ncsu.edu
Message-ID: <36ufiu$73n@taco.cc.ncsu.edu>
Source record: 267770
Cross-posted to: rec.radio.scanner,alt.radio.scanner,ncf.sigs.radio-scanner

Would someone please email me a copy of the US 10-codes. I've lost the list
I had of them!

Thnax a million!!

Chris cmgrawbu@eos.ncsu.edu

3314. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-05 15:15:31 UTC
From: fields.d@calc.vet.uga.edu
Message-ID: <fields.d.10.2E92C313@calc.vet.uga.edu>
Source record: 267660
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

>A fairly simple question... I hope. I am on the verge of purchasing an RS
>all-band antenna for use with my BC200xlt scanner (this after deciding
>that constructing my own antenna might drive me insane) and now I am faced
>with the decision as to which type of coaxial cable to use. Basically, I
>will only be running a maximum of 10-14 feet of cable. I have seen a lot
>of RG-58 and RG-59, but have also heard that RG-6 is superior. Any (semi-)
>definitive answers out there?

Someone told me that if I'm going to run cable over 30-40 feet, that I need
to use RG-8 (.60 a foot). Any thing umder this I can use RG-58 (.20 a foot).

I to am looking into this, I have two possiblities. 1) is over 100 feet on
top of an dusk-to-dawn light pole. (owner of pole is me not elec. co.).
2) is on top of house about 50 feet. Is over 100 feet to far to run cable or
is shorter the better?

-thanks

David Fields
U n i v e r s i t y O f G e o r g i a
College Of Veterinary Medicine, Teaching Hospital

E-mail: fields.d@calc.vet.uga.edu

3315. Re: SCANNER BAN/WIRETAP BILL

Newsgroup: rec.radio.scanner
Date: 1994-10-05 15:25:25 UTC
From: nitz@lds.loral.com
Message-ID: <1994Oct5.152525.9378@lds.loral.com>
Source record: 267771

In article pdm@detroit.freenet.org, ad225@detroit.freenet.org (Gary Baumgarten) writes:
>
> Gee ... and I always thought the public owned the airwaves!
>
Yes, but Congress seems to think they own the public. The bill goes to
the house floor for a vote TODAY (Oct 5.) Proponents are trying to slip
it in along with 40 other bills without debate. They also hope to pass it
in the Senate on a similar "unanimous approval" vote. This means that your
average congressperson won't even know what they voted for until it's too
late. It seems to be a common way of doing business lately.

I speak only for me...

3316. Re: thanks for info on 2004

Newsgroup: rec.radio.scanner
Date: 1994-10-05 15:47:12 UTC
From: rfhamilton@VNET.IBM.COM
Message-ID: <19941005.084722.126@almaden.ibm.com>
Source record: 267774

In <wILakiubG69B066yn@access.digex.net> Andy Domonkos writes:
>In article <lfsCx4z2u.9u4@netcom.com>, Larry Spence wrote:
>> Larry Spence (lfs@netcom.com)
>
>Broken diode? Are you sure that those weren't the cellular lockout diodes that
>need to be removed (broken) to work?
>
>Andy

I believe the "broken diodes" were a bit of tongue in cheek humor.
==========
Bob Hamilton | Remember..The light that you see at the end
(rfhamilton@vnet.ibm.com) | of the tunnel just might be a train !
==========

3317. Re: Best ant. for 2006? (discone?)

Newsgroup: rec.radio.scanner
Date: 1994-10-05 16:04:50 UTC
From: peter@Thoth.usa.3Com.com
Message-ID: <3142@bridge2.NSD.3Com.COM>
Source record: 267625

In article dc7@newsbf01.news.aol.com, shawn4sk1@aol.com (Shawn4sk1) writes:
>Get the RS All-band. Cheaper and better reception than the discone but
>ALOT larger- approx 12 feet diameter and 6 feet tall. Also make sure you
>get RG-6 coax, I was recommended RG-58 by the RS salesman- what a bunch of
>bull!

I know the RS coax is supposed to be garbage, but you're right on that the RG-6 is better than everything except their RG-8. Check the coax loss chart on pg 110 of their 95 catalog. RG-6 is 4.4 dB/100' at 400 MHz and $0.22/ft, while RG-8 is 4.1 dB/100' at 400 MHz and $0.69/ft. It's a no-brainer.

Peter

Peter Simpson, KA1AXY Peter_Simpson@3com.com
3Com Corporation (508) 836-1719 voice
Northborough, MA 01532 (508) 393-6934 fax

I speak only for myself, 3Com doesn't pay me to speak for them, so I don't.

3318. Freq's Needed For Fairfax Cnty VA Sheriff's Office

Newsgroup: rec.radio.scanner
Date: 1994-10-05 16:53:16 UTC
From: jernandez@pbs.org
Message-ID: <jernandez-051094115316@jernandez.pbs.org>
Source record: 267627

I need some help with the Fairfax Cnty. VA Sheriff's Office frequencies. They appear to not be on the 39 MHz band like most of the other SO's in Virginia. Scanner Master does not have the correct frequency. Can someone help me with these frequencies?

TNX
John

--
John J. Ernandez
Communication Systems Engineer
Public Broadcasting Service

"My Favorite Location On the Pennsy" MP-46.8 Plainsboro, NJ

E-Mail jernandez@pbs.org Member:PRR Technical & Historical Society
Phone: 703-739-5474 Southern Railway Historical Association
Amateur Radio: KA2YAP

3319. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-05 17:50:33 UTC
From: merlin@neuro.usc.edu
Message-ID: <36up19$hva@neuro.usc.edu>
Source record: 267641
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

>Call me stupid ;-), but why would one want to buy a phone now and then not
>use it for a year. A year from now, that same phone will be even cheaper,
>and probably better. Just my $.02 worth.

Because cellular phones are never likely to cost less than $69.00 -- the
Motorola Ultra Classic M is built rock solid like a brick -- it is not a
throw away piece of consumer trash which will fall apart in a few years.
it also has environmental protection built in to exclude dirt, moisture,

3320. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-05 17:57:11 UTC
From: tomb@lsid.hp.com
Message-ID: <Cx7oJB.CJD@hpcvsnz.cv.hp.com>
Source record: 267644
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

David Fields (fields.d@calc.vet.uga.edu) wrote:
: dwatt@unixg.ubc.ca wrote:
: >A fairly simple question... I hope. I am on the verge of purchasing an RS
: >all-band antenna for use with my BC200xlt scanner (this after deciding
: >that constructing my own antenna might drive me insane) and now I am faced
: >with the decision as to which type of coaxial cable to use. Basically, I
: >will only be running a maximum of 10-14 feet of cable. I have seen a lot
: >of RG-58 and RG-59, but have also heard that RG-6 is superior. Any (semi-)
: >definitive answers out there?

Answer for first poster: such a short run of coax really shouldn't matter
much what you use. Yes, RG-6 is lower loss than either of the other two,
but it really won't matter for this short a run. It will probably make
more difference how well you install connectors and how you position the
antenna.

: Someone told me that if I'm going to run cable over 30-40 feet, that I need
: to use RG-8 (.60 a foot). Any thing umder this I can use RG-58 (.20 a foot).

: I to am looking into this, I have two possiblities. 1) is over 100 feet on
: top of an dusk-to-dawn light pole. (owner of pole is me not elec. co.).
: 2) is on top of house about 50 feet. Is over 100 feet to far to run cable or
: is shorter the better?

Answers for second poster:
-- I think you are paying too much for your line. You can get RG-213 for
less than $.60/ft, and it's a bit better construction than RG-8.
Actually, RG-8 has been replaced with RG-213 in the "official" RG-list
as I understand it.
-- What line you choose depends on what attenuation you are comfortable
with, how much power you will put through the line, and how long you
want the line to last. The attnuation is frequency dependent, very
close to

dB/100ft = k*sqrt(freq),

where the k depends on the line. Roughly, if freq is in MHz,

line k
RG-58 .55
RG-213 .23
RG-6 .3
7/8" Heliax .045

Lines using foam dielectric, or partially air dielectric (like Belden
9913) have a larger center conductor than lines with solid dielectric,

and therefore have lower attenuation--I'd guess the k for 9913 must be around .17, but don't have the numbers handy. Also, there's "RG-8X" which is a little larger than RG-58 but substantially less attenuation, between 58 and 213.

Shorter is always better in terms of attenuation, but longer may more than make up for it with more effective antenna gain. But ultimately you will loose with a long enough line. You have a better chance of getting a signal through to a station 1000 miles away on HF with antennas than running even the largest piece of coax you'd care to consider. 1000 watts at .1dB/100ft is still over 5dB/mile is 5000dB/1000 miles... Remember, each 3dB is a loss of 1/2 your power. The answer for your situation depends on the frequency of operation and the type of antenna and coax you will install.

3321. Old Crystal Scanner...

Newsgroup: rec.radio.scanner
Date: 1994-10-05 18:07:28 UTC
From: parickj4560@cobra.uni.edu
Message-ID: <1994Oct5.130728.32977@cobra.uni.edu>
Source record: 267628

Hi, I got a 6 channel crystal controlled aircraft scanner the ohter day from work. It's pretty old too. I was wondering if it would be worth anything? thanks N0ZYA

3322. How to tell a modifiable PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-10-05 18:57:01 UTC
From: jim@ttech.com
Message-ID: <jim-051094105701@jimsmac.ttech.com>
Source record: 267629

Rat Shack again has the PRO-43 scanner on sale. I want to purchase one only if it is cellular modifiable. I have seen many speculations on this newsgroup regarding the answer to this question. If you are 100 percent sure that you know the answer, please e-mail me at jim@ttech.com.

thanks,

+-Jim

3323. Why two scanner newsgroups?

Newsgroup: rec.radio.scanner
Date: 1994-10-05 18:59:56 UTC
From: jim@ttech.com
Message-ID: <jim-051094105956@jimsmac.ttech.com>
Source record: 267630

Why are there two scanner newsgroups. Why not eliminate alt.radio.scanner
and have everyone post to rec.radio.scanner?

+-Jim

3324. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-05 19:05:05 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cx7roH.Kqz@freenet.carleton.ca>
Source record: 267634

In a previous article, dwatt@unixg.ubc.ca (David Watt) says:

>A fairly simple question... I hope. I am on the verge of purchasing an RS
>all-band antenna for use with my BC200xlt scanner (this after deciding
>that constructing my own antenna might drive me insane) and now I am faced
>with the decision as to which type of coaxial cable to use. Basically, I
>will only be running a maximum of 10-14 feet of cable. I have seen a lot
>of RG-58 and RG-59, but have also heard that RG-6 is superior. Any (semi-)
>definitive answers out there?
>
Try Belden 9913... I really don't get too hung up on 52ohm vs 75ohm. As
most cable impedence is quite varible through out its run. Just look at
the cable specs. and line loss figures and compare RG-6, Belden cables
and RG-8/RG-58 I use the 75ohm stuff (it has 100% shielding and very low
loss). The impedence really matters more if you are transmitting, not
recieving. Drop by an electronics supplier (not RS) and get or look at
their Belden spec sheet.

73's

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

3325. Re: SCA Receiver Source

Newsgroup: rec.radio.scanner
Date: 1994-10-05 19:37:54 UTC
From: linnig@m2000.dseg.ti.com
Message-ID: <LINNIG.94Oct5193754@m2000.dseg.ti.com>
Source record: 267421

In article <Reza.1131723212A@news.cerf.net> Reza@cerf.net (Reza Pourzia) writes:
> Thanks for your informative posting. I wonder if you checked out the SCA
> kit from Ramsey. They sell an SCA kit for $27.95 which continously "Tunes
> entire SCA subcarrier band 50-100 KHz" Do you think there is an advantage
> in using a pre-tuned board for 57Khz, 67Khz, and 92Khz rather than a kit
> that tunes them all?

The kit may tune that range, but the input filter doesn't. It is fixed and
the other freqs are something like 40db down. I think it is centered at 67Khz,
but it is been awhile. I built the kit and I analyzed the filter with spice.

-- Mike, N5QAW

- - - - - - - - - - - - - - - - - - + - - - - - - - - - - - - - - - - - +
Mike Linnig, Texas Instruments Inc. | 97.43% of all statistics are made |
Phone: (214) 575-3597 | up; most of them (83.6 percent) |
Internet: mike.linnig@dseg.ti.com | are wrong. |
- -

3326. DDI/D & Pro2006 package for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-05 19:52:28 UTC
From: rbn@apple.com
Message-ID: <36v05s$s40@apple.com>
Source record: 267650
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

Why? Because I simply don't use the DDI/D, and the Pro2006 has the interface to the DDI/D built in.

If you don't know what the DDI/D is, you probably don't want it.

I'm looking for the best offer over $800 for the package. Hardware, software, cables...everything you need.

For a local buyer and an additional $200, I'll throw in a 286 configured to run the above. (I won't ship the computer.)

rbn@apple.com

3327. Bearcat 350A For Sale

Newsgroup: rec.radio.scanner
Date: 1994-10-05 20:09:57 UTC
From: jbv@netcom.com
Message-ID: <jbvCx7uoL.2n2@netcom.com>
Source record: 267665
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Uniden Bearcat 350A Mobile scanner, asking $75 or best offer.

29-54, 108-174, 406-512 Mhz coverage

Five banks of pre-programmed service banks and standard programmable
private bank. Banks include Police, Fire/Emergency, Air, Mairne, Weather,
and private. Private bank has 20 programmable channels.

Scanner includes:
Telescoping antenna
AC adapter
Mobile mounting bracket with hardware
DC power cord
Cigarette lighter power cord
Operating guide
Registration form

Please reply directly to jbv@netcom.com

--

Joe Velasquez
Internet jbv@netcom.com CompuServe 74157,1421
Prodigy KBSM15D Livermore, CA
Packet Radio N6OYX @ N6QMY.#NOCAL.CA.USA.NOAM

3328. Re: thanks for info on 2004

Newsgroup: rec.radio.scanner
Date: 1994-10-05 20:24:04 UTC
From: domonkos@access.digex.net
Message-ID: <36v214$ss9@news1.digex.net>
Source record: 267652

In article <19941005.084722.126@almaden.ibm.com>, rfhamilton@VNET.IBM.COM (Bob Hamilton) says:
>
>In <wILakiubG69B066yn@access.digex.net> Andy Domonkos writes:
>>In article <lfsCx4z2u.9u4@netcom.com>, Larry Spence wrote:
>>> Larry Spence (lfs@netcom.com)
>>
>>Broken diode? Are you sure that those weren't the cellular lockout diodes that
>>need to be removed (broken) to work?
>>
>>Andy
>
>I believe the "broken diodes" were a bit of tongue in cheek humor.
>==
>Bob Hamilton | Remember..The light that you see at the end
>(rfhamilton@vnet.ibm.com) | of the tunnel just might be a train !
>==

Me thinks I has to gets out of this stuffed shirt...

Andy

3329. Jack McGee, Springfield, MO

Newsgroup: rec.radio.scanner
Date: 1994-10-05 20:24:12 UTC
From: shawn4sk1@aol.com
Message-ID: <36v21c$heb@newsbf01.news.aol.com>
Source record: 267653

I have some stuff for you but lost your Email address. :-)

Please email me at: soliver@ozarks.sgcl.lib.mo.us

(not at: shawn4sk1@aol.com)

3330. Re: SCANNER BAN/WIRETAP BILL

Newsgroup: rec.radio.scanner
Date: 1994-10-05 20:27:36 UTC
From: domonkos@access.digex.net
Message-ID: <36v27o$ss9@news1.digex.net>
Source record: 267651

In article <1994Oct5.152525.9378@lds.loral.com>, nitz@lds.loral.com (Bad News) says:
>
>In article pdm@detroit.freenet.org, ad225@detroit.freenet.org (Gary Baumgarten) writes:
>>
>> Gee ... and I always thought the public owned the airwaves!
>>
>Yes, but Congress seems to think they own the public. The bill goes to
>the house floor for a vote TODAY (Oct 5.) Proponents are trying to slip
>it in along with 40 other bills without debate. They also hope to pass it
>in the Senate on a similar "unanimous approval" vote. This means that your
>average congressperson won't even know what they voted for until it's too
>late. It seems to be a common way of doing business lately.
>
>I speak only for me...
>
>
>

...and I voted for none of the incumbants, have any of you? Ready to
make a point yet? I thought not.

Andy

3331. HR4922 Reply from my Representative

Newsgroup: rec.radio.scanner
Date: 1994-10-05 20:44:32 UTC
From: gcortevi@nyx10.cs.du.edu
Message-ID: <36v37g$2a0@nyx10.cs.du.edu>
Source record: 267654
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I wrote to my local representative last month about the FBI wiretap bill. I concentrated my letter onthe portion relating to scanners. From the reply I got, it seems I should have taken the whole bill and express my opposition to the whole. I'm considering replying to his reply with my new found knowledge of the rest of the bill.

Attached is the reply I received from Mr. Levin. Some of you may care to hear it from the horse's mouth. Comments are welcome. They might help me in formulating a reply. I can also post my original letter to Mr. Levin if the need arises.

My comments are in brackets.

BEGIN QUOTE----------

Sander M. Levin Washington Office:
12th District, Michigan 108 Cannon House Office Building
Washington, DC 20515
Committees: (202) 225-4961
Ways and Means
Vice Chair, Health Subcommittee District Office:
Human Resources Subcommittee Suite 130
2107 E. 14 Mile Road
Sterling Heights, MI 48310
(810) 268-4444
(emblem)
Congress of the United States
House of Representatives
Washington, DC 20515

September 20, 1994

Mr. Gregory Corteville
XXXX XXXXXXXX
Troy, MI 48098

Dear Mr. Corteville:

Thank you for writing me in opposition to H.R. 4922, to amend title 18 of the United States Code. I appreciate hearing your views on this subject.

I understand your concern in this matter. The purpose of this legislation is _not_ to ban radio scanners for use by hobbyists or make it unlawful to use your radio scanner to listen to the various public service bands. What the legislation does do is to clarify and expand

the already existing law making it illegal to use or own a radio scanner for the express purpose of _committing a crime or fraudulent act_. The reason for the clarification is that some criminals use the scanners to listen to private cellular phone conversations to get an individual's phone id number. They can then use this number to make phone calls to anywhere around the globe at the original owner's expense or sell this information to others to use for this purpose.

H.R. 4922 would also extend the privacy protection status given to cellular and hard wired phone to cordless phones. Current law already prohibits listening in on private telephone conversations whether they are made on a cellular phone line or a hard wired phone line. Cordless phones were exempted from the existing law due to their previous inability to totally differentiate their signal from other cordless phone units. The phone industry has in recent years made improvements to cordless phones to them [this typo was in the letter I received, its not mine.] function more properly and cut down on the frequency of this occurence.

The legislation is currently awaiting consideration by the full House Committee on the Judiciary. While I am not a member of the Committee, I will keep your views in mind when the bill comes up for consideration by the full House.

Again, thank you for writing. I hope you will continue to do so on issues of concern.

Sincerely,

(Signature)
Sander Levin
Member of Congress

SML/dbs

END QUOTE----------

There you have it. Whether this means anything, who knows?

--
Greg Corteville | "If privacy is outlawed, only
gcortevi@nyx10.cs.du.edu | outlaws will have privacy."
gcortevi@trident.lbs.msu.edu | - PGP Documentation
---[PGP Key available via finger]----------

3332. Re: How to get ant wires outside.

Newsgroup: rec.radio.scanner
Date: 1994-10-05 21:07:01 UTC
From: jeffpmil@aol.com
Message-ID: <36v4hl$iqf@newsbf01.news.aol.com>
Source record: 267631

Yes! Out the window! Here's how

Along the ledge, place some sponge/foam rubber.
Then, run your cable(s)
Place matching foam on top.
This will insulate the open window.
Close the window, without mashing the cable but close it tight.
Then, you can get a stick, to place in the space between the slightly open window and the top window frame. This allows you to "lock" the otherwise open window.

Be seeing you,
No. 6

3333. Re: How to tell a modifiable PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-10-05 21:21:55 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Oct5.162155@hnrc.tufts.edu>
Source record: 267647

In article <jim-051094105701@jimsmac.ttech.com>, jim@ttech.com (Jim Wayda) writes:
> Rat Shack again has the PRO-43 scanner on sale. I want to purchase one only
> if it is cellular modifiable. I have seen many speculations on this
> newsgroup regarding the answer to this question. If you are 100 percent
> sure that you know the answer, please e-mail me at jim@ttech.com.

No one is 100% sure. The 'truth', however, is that it's modifiable if and only
if there is no A in the serial number, i.e. A in serial number=not modifiable
no A = modifiable

No exceptions to this rule have been reported to the net.

3334. Re: Why two scanner newsgroups?

Newsgroup: rec.radio.scanner
Date: 1994-10-05 21:23:57 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Oct5.162357@hnrc.tufts.edu>
Source record: 267648

In article <jim-051094105956@jimsmac.ttech.com>, jim@ttech.com (Jim Wayda) writes:
> Why are there two scanner newsgroups.

Because some news administrators have not removed the alt group. The alt group has been superseded by the rec group. There is nothing discussed in alt that could not be discussed in rec. Let alt die. It's the humane thing to do.

> Why not eliminate alt.radio.scanner
> and have everyone post to rec.radio.scanner?

Why not, indeed?

3335. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-05 21:33:07 UTC
From: shawn4sk1@aol.com
Message-ID: <36v62j$jbo@newsbf01.news.aol.com>
Source record: 267633

As you've probably been following recent posts to the group, I'm sure you've seen my "proof statements"- :-), I had RG-58 b/c the RS salesman said it was good for scanners- it sucks! Get RG-6! Very affordable, low signal loss and great shielding against interference.

soliver@ozarks.sgcl.lib.mo.us

3336. question motorola cell phone (ASAP)

Newsgroup: rec.radio.scanner
Date: 1994-10-05 21:37:31 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Oct5.173326.1@cad3.uccb.ns.ca>
Source record: 267632

I have a question reguarding a motorola cellular phone.
I want to rewire up a new 25 pin connector...
the existing pins that are in use are as follows...
pin 16 + power
pin 3 - power
pins 14 and 15 hands free mic
pins 2 and 20 are jumped together

to put into test mode (nuts and volts say) jump pins 20 and 21

my question is:
When i jump pins 20 and 21 do i leave the wire that going from pin 2 to 20
there? if so i will have 2 wires soldered to pin 20.

If anyone has the answer to my question please respond..

Ron
rling@cad.uccb.ns.ca

3337. wanted: ICOM R-100 mobile receiver

Newsgroup: rec.radio.scanner
Date: 1994-10-05 21:56:00 UTC
From: v064lnev@ubvms.cc.buffalo.edu
Message-ID: <Cx7zK1.FM6@acsu.buffalo.edu>
Source record: 267636

Hi,

I'm looking to buy a used ICOM R-100 mobile receiver. Anyone know
where I can get one?! Thanks...

--Zerxes

3338. PRO-2006 in PHX AZ

Newsgroup: rec.radio.scanner
Date: 1994-10-05 22:09:06 UTC
From: dooman@indirect.com
Message-ID: <36v862$507@herald.indirect.com>
Source record: 267635

If anyone in Phoenix AZ is interested in a PRO-2006 and cant find one new ... check the pawn shop on Cave Creek rd. just south of Greenway. (Its a big yellow building) --- unfortunatly I dont remember the name.

--

<<< - dooman ** dooman@indirect.com ** Randy DeForest - >>>

3339. SCANNING THE ROAD

Newsgroup: rec.radio.scanner
Date: 1994-10-05 22:20:48 UTC
From: glenn.johnson@chrysalis.org
Message-ID: <9410052220.0VE8N04@chrysalis.org>
Source record: 267670

```
RT>>>I heard from a bus driver that you can use a scanner as a way to find out
RT>>>police are stopped on the road shooting radar. he explained that when a p
RT>>>car stops it automatoically turns on a beacon to let HQ know where they ar
RT>>>case they get shot or something. To back up his theory, a truck stop that
RT>>>was in had scanners for sale explaining that they could find police up to
RT>>>miles away. Any freq. info or general knowledge ? Thanks
RT>>>
```

```
PLEASE let me know when you find out -
```

```
just as a side note -
I know of a way to 'block out' the new ladar (laser radar)
It was published in 'photonics' magazine....
```

```
Let me know if you're interested.
```

Glenn

• SLMR 2.0 • Press any key to continue or any other key to quit

3340. SILENT PLAY's return?

Newsgroup: rec.radio.scanner
Date: 1994-10-05 22:39:31 UTC
From: swd_trb@genb.cca.cr.rockwell.com
Message-ID: <Cx81Lv.9zp@lazrus.cca.rockwell.com>
Source record: 267649

I heard from my local Radio Shack helpful salesperson that the 'SILENT PLAY' device may be coming back. I was asking about something for a CD to tape player, and he described an FM transmitter that showed up "NEW" in his computer about 3 weeks ago. His description sounded a lot like the descriptions of SILENT PLAY video game device that was discontinued.

He expects some to show up in a week or two.

Perhaps SILENT PLAY lives... :-)

-Travis

p.s. I disclaim any possible claims you may think that I have claimed.

3341. Re: 10-Codes Needed!

Newsgroup: rec.radio.scanner
Date: 1994-10-05 22:47:30 UTC
From: msattler@jungle.com
Message-ID: <36vae2$f9e@lard.ftp.com>
Source record: 267470

In article <36ufiu$73n@taco.cc.ncsu.edu>
cmgrawbu@eos.ncsu.edu (Christopher M Grawburg) writes:

>Newsgroups: ..., alt.radio.scanner, ...

I believe that all the alt.radio.* groups have been completely
superceeded by the rec.radio.* groups. Therefore I've removed the
alt.* group from this follow-up.

> Would someone please email me a copy of the US 10-codes.

A police dispatcher I used to date tells me that each department uses
its own set, and so there is no standard "US" set. This is what the
San Francisco Police Department uses:

Code 3 * emergency response
Code 4 no further asst. req�d. - specify reason
Code 33 clear channel for emergency
10-1 receiving poorly
10-2 receiving well
10-4 message rec�d.
10-7A * out of service (administrative)
10-7B * out of service (beginning of watch)
10-7C * out of service (court)
10-7E * out of service (end of watch)
10-7F * out of service (follow-up)
10-7G * out of service (gas/garage)
10-7I * out of service (investigation)
10-7M * out of service (meal)
10-7R * out of service (radio shop/range)
10-7S * out of service (station)
10-7T * out of service (traffic control/training)
10-8 in service
10-8F in service (foot patrol)
10-9 repeat last message
10-13 advise condition at scene
10-20 location
10-22 cancel
10-23 standby temporarily
10-25 * respond as back-up (specify units & codes)
10-28 vehicle registration info.
10-29 warrant and record check
10-30 wanted person or vehicle
10-31 person has arrest record
10-32 person or vehicle not wanted

10-34 confidential info. follows
10-35 consent to search
10-36 emergeny notification
10-43 * Intelligence Div. interested
10-96 undercover surveilance area - marked units keep out
10-97 arrived at scene
10-98 enroute to new location, present assignment
100 alarm (silent or audible)
148 * resisting arrest
152 * drunk driver
187 * homicide
207 * kidnapping
211 robbery
212 strongarm robbery
213 purse snatch
216 * shots fired
217 shooting
219 stabbing/cutting
221 person with gun
222 person with knife
240 assault/battery
245 * aggravated assault/ADW
261 sexual assault/rape
288 sexual assault, victim under 15 y/o
311 indecent exposure
400 demonstration/pickets
404 riot
405 citizens holding prisoner
406 * officer need emergency help
407 * prisoner transport
408 ambulance
409 tow-truck
410 requested assistance responding
415 noise complaint
416 * citizen standby
417 person ringing doorbells
418 * fight or dispute, no weapons
419 * fight with weapons, specify
420 juvenile disturbance
459 burglary
470 * fraud
487 grand theft
488 petty theft
496 * stolen property receiving
518 veh. accident, non-injury
519 veh. accident with injury
520 * aided case
527 bonfire
528 fire

529 explosion
530 bomb threat
531 suspected explosive device found
585 traffic stop
587 parking violation
588 * driveway violation - tow
594 * malicious mischief (vandalism)
595 * malicious mischief (grafitti)
596 abandoned vehicle
600 roadblock
601 * trespassers
602 person breaking in
603 prowler
647B * prostitute
650 * threats
799 senile person
800 mentally-disturbed person
801 person attempting suicide
802 coroner's case
806 juvenile beyond parental control
807 missing juvenile
809 missing person
811 intoxicated person
819 rolling of intoxicated person
851 stolen vehicle
852 auto boost/strip
853 recovered stolen vehicle
901 call station (or other location)
902 return to station
904 * meet with officer, non-emergency
905 * meet with City or public service empl.
909 citizen requests interview
910 check on well-being
911 broken window
912 person dumping rubbish
913 complaint unknown
914 person down
916 suspicious person in vehicle
917 suspicious person
918 person screaming for help
5150 * mental-health detention

_/_/_/

_/ http://www.wco.ftp.com/~msattler/ and it annoys the pig.
_/
_/_/_/

3342. Scanantenna vs. RS Ground Plane

Newsgroup: rec.radio.scanner
Date: 1994-10-05 22:54:06 UTC
From: starin@netcom.com
Message-ID: <starinCx82A7.823@netcom.com>
Source record: 267674

Can anyone give me the low-down on the Grove Scantenna and how it compares to the RS Ground plane. I'm referring to the RS ground plane that is BIG - it measures about 12' high and almost as wide.

Thanks in advance.

Jeffrey
{New York}
--
Jeffrey
{New York}

3343. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-05 23:29:09 UTC
From: tanuki@kaiwan.com
Message-ID: <36vcs5$qjn@kaiwan009.kaiwan.com>
Source record: 267637
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

Berton Corson (g9153402@huey.csun.edu) wrote:

: As far as 'Affordable Portables', I wouldn't touch them with
: a ten-foot pole! Many cellular retailers try to skirt the law,
: mainly by saying they sell to 'end-users' only, meaning they
: want to program it, and want a cellular number from you to do
: it, if they're not going to supply you with the service.

I was a dealer for these phones at a local retailer in LA that was
similar to Affordable Portables...

: I had the same slop happen to me at Affordable Portables.
: They told me a whole bunch a bull-sh*t why they can't just
: sell you the phone and have to sell you some cellular phone
: plan. What I heard from their salespeople was enough to
: make me throw-up. They even told me they're not allowed to
: sell phones because of 'cellular toll fraud'. It was absolute
: nonsense, as that isn't even their responsibility. I didn't
: pursue my problem legally with Affordable Portables, but
: Air Touch & L.A. Cellular told me they really can't do what
: they told me. Reputable dealers, like 'The Good Guys', will
: sell you outright every phone they got, if that's what you
: want. A Good Guys salemen even told me that Affordable

What I was told by the management that we were permitted to sell
telephones to customers that ONLY needed a phone hook-up as well. It
seems that it is common practice for the retailers to mark the phones
down below cost to remain competitive in the LA cellular phone market.
These retailers also hope to make the hefty profit for signing up the
customers as well. The last time I heard what the commissions to a
retailer were was about $250-270 for the regular service and $150 or so
for the 'Night" discount service. Recently (about a year ago when I was
working there) the cellular companies decided they want to do a flat
rate for service up to X minutes... and that lead to even more bizarre
commission practices. We were told flat out never to admit we had the
phones in stock until we were absolutely sure the customer did not
already own a telephone. Otherwise, the phones weren't in stock. I was
screwed as well, since if I DID sell a phone without a number, I recieved
no commission at all.

: Portables can't do what they're doing. In fact, he seemed
: angry at them when I told him what they did, since he has
: to go with Good Guy's company policy, which is to follow the
: law. He told me to sue them. I didn't, because I really
: don't have the time, or resources, to sue Affordable Portables

: about a $60 cellular phone. The problem is, that these
: retailers don't make much money (and maybe nothing) on selling
: the phones themselves, but on these one and two year cellular
: service plans. The law was supposed to put a stop to this
: unfare bundling, but it continues, as these retailers start
: fast-talking with their customers. Something really has got
: to be done about this...
: Good Luck!

: Berton Corson

I was able to get me a Panasonic HP-type cellular for $140 at Good Guys a year and a half ago. My company advertised them for $179 (in stock only if you need a #) I called good guys and found out they were in stock... for $479 after beating the price, I got the phone w/o a number. Went to a local dealer I knew & he hooked it up for me with a $150 kickback for the business, plus a case, car charger, and antenna.

Other interesting facts about cellular commissions:

Commission rates are higher if you hook the customer up on a flat-rate plan (use it or lose it plan).

If the customer disconnects within 6 months, the carrier will retroactively bill the retailer for the commission. My retailer also retroactively took back the commission on the phone sale as well.

Adray's, another local dealer sells phones, but they are all pre-programmed. They just call up the carrier and activate the number. If you already have a number, there are no "unprogrammed phones to sell." Therefore you need to pay a "deprogramming fee" of about $100-150 for the telephone. Shit, I can program a Motorola, OKI, or Panasonic in about 30-45 seconds. I'd love a job programming phones for $1600+ bucks an hour.

BTW the retailer I worked for was LA Tronics.

Tanuki

3344. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-10-05 23:35:37 UTC
From: khorton@tech.iupui.edu
Message-ID: <Cx847E.2Ar@iupui.edu>
Source record: 267638

bill nelson (billn@hpcvaac.cv.hp.com) wrote:
: khorton@tech.iupui.edu (Kevin E Horton) writes:

: : Couldn't one pop the EEPROM out and re-program it with the Forbidden
: : Frequencies, then put it back in? The scanner most likely prevents
: : entry of the frequencies only at the keypad.

: If the frequencies are in discrete eeprom. I suspect the chance would be in
: rom on the CPU chip.

Oops. Lesse if I can explain this better... Let's say a scanner and program a few of the cell phone frequencies into it's memory. Then, I take the memory chip out and place it in the same model scanner that can't recieve (let you receive might be a better word) the frequencies already saved in the memory. The scanner will read the frequencies from the memory and use them without checking to see if they are valid or not. Note that the memory device could be a RAM chip (in this case use a Dallas NOVRAM) or an EEPROM. If the scanner has an external ROM, someone could program a software patch for it that would re-enable the frequencies locked out.

--
```
-------------------------------------------------------------------------
| \_ \_ \_\_\_ \_ \_ \_ \_ \_ B5(6) t w g+ s-- r- |
| \_\_ \_\_ \_\_ \_ \_\_\_ &h48,&h65,&h6C,&h6C,&h6F,&h21 |
| \_ \_ \_\_\_ \_ \_ \_ \_ __ khorton@tech.iupui.edu __ |
| "It's 5:50 AM. Do you know \/__Can *YOU* write 8085__\/ |
| where your stack pointer is?" \/ assembly? \/ |
-------------------------------------------------------------------------
```

3345. Re: Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-10-05 23:51:36 UTC
From: mulligan@ACM.ORG
Message-ID: <36ve68$di5@hopper.acm.org>
Source record: 267662

robert1159@aol.com (Robert1159) wrote:

> ... any VHF frequency between 154.500 to 156.500.
> ... will come up as a birdie. There will be dead air
> and any singal that comes in will distored at most.
> ....
> I was told that the local TV station - Ch 7.

TV Ch 7 will not cause any problem for a PRO-2006. For dual-conversion receivers with a 10.7 MHz I.F., Ch 7 would produce images in the range 152.6-158.6 MHz (audio image at 158.35), but the 2006 uses triple conversion and a completely different I.F. layout.

However, the conversion scheme in the 2006 could produce an image from well out of the normal bands. Assuming the internal frequencies are the same as in the 2005, tuning the range 154.5-156.5 could produce images from the range 1371.5 - 1373.5. If this is the case, then there should be a sharp drop in the problem at 156.5, where the rcvr's local oscillator increments a 4 MHz step.

The band 1350-1400 MHz is allocated primarily to U.S. Govt Military Radiolocation, i.e. radar, with secondary use in radio astronomy. The questions to be asked are: Is there a noticable decrease in the problem at and above 156.5; Is the effect centered on Austin itself, or perhaps on Bergstrom AFB; Is there a major (fairly modern) radar installation in the area ?
/* barry /&

3346. Re: How to get ant wires outside.

Newsgroup: rec.radio.scanner
Date: 1994-10-06 01:07:27 UTC
From: warren@bluesky.com
Message-ID: <36vikf$6m0@pdx1.i.net>
Source record: 267640

In article <e53PTc4w165w@mindvox.phantom.com>
dayglo@mindvox.phantom.com (dayglo) writes:

> I unfortunately live in an apt. with a sliding glass door. I want to mount my
> antennas outside but am unable to run wires outside without mod'in the apt.
> Does anyone have any ideas how this can be accomplished through glass?

I drilled a hole in the aluminum frame. It was dark colored aluminum,
so it should be easy to put some dark putty to cover it when it's
removed.

Warren Leach, warren@bluesky.com

3347. Re: Pro-43-400 channels (long!)

Newsgroup: rec.radio.scanner
Date: 1994-10-06 01:40:32 UTC
From: tharrell@opus.nmsu.edu
Message-ID: <36vkig$iok@dns1.NMSU.Edu>
Source record: 267673

Chris Hall (chall@server0) wrote:
: I just have one question - What could you probably need 400 programable
: channels for? I have the pro-43, and I use 45 and that's all I think
: I'll ever need, and I search everything it offers, not just 800MHz.

[longish .sig deleted]

I used to think the same way until I started programming my '43. In my area, there's public service frequencies for the university, city, county, and state. I also live 40 miles from El Paso, Tx., so there's public service for that city, county, and state. Then there's White Sands Missile Range and Holloman AFB nearby. Also, since we're so close to the border, there's DEA and Border Patrol frequencies. Don't forget El Paso Intl. Airport, too. Then, of course, there's all the 'other' local frequencies to listen to. Having the itinerant and low-power business freqs, as well as the ten cordless base frequencies, programmed is handy. Needless to say, I don't have any room left for AT&SF operations, travel frequencies, or anything else.

If I had the equipment, I'd do this mod, but doing the cell mod with a regular 30-watt iron was harrowing enough for me, thank you.
--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\--/

3348. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-10-06 01:51:24 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct6.015124.24634@hpcvaac.cv.hp.com>
Source record: 267642

khorton@tech.iupui.edu (Kevin E Horton) writes:
: bill nelson (billn@hpcvaac.cv.hp.com) wrote:
:
: : : Couldn't one pop the EEPROM out and re-program it with the Forbidden
: : : Frequencies, then put it back in? The scanner most likely prevents
: : : entry of the frequencies only at the keypad.
:
: : If the frequencies are in discrete eeprom. I suspect the change would be in
: : rom on the CPU chip.
:
: Oops. Lesse if I can explain this better... Let's say a scanner and program
: a few of the cell phone frequencies into it's memory. Then, I take the memory
: chip out and place it in the same model scanner that can't recieve (let you
: receive might be a better word) the frequencies already saved in the memory.
: The scanner will read the frequencies from the memory and use them without
: checking to see if they are valid or not. Note that the memory device could
: be a RAM chip (in this case use a Dallas NOVRAM) or an EEPROM. If the
: scanner has an external ROM, someone could program a software patch for it
: that would re-enable the frequencies locked out.

I understood you just fine. I just don't think that the FCC would allow
such an easy way to defeat the lockout.

Bill

3349. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-06 01:53:55 UTC
From: bcorson@iat.holonet.net
Message-ID: <Cx8ALw.EGw@iat.holonet.net>
Source record: 267645
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

Re: California Public Utilities Commission.
I called them about a cellular retailer. They said it was out of
their jurisdiction, and told me to contact the Atty General's Office.

3350. DMX Digital Music Express

Newsgroup: rec.radio.scanner
Date: 1994-10-06 02:04:18 UTC
From: bcorson@iat.holonet.net
Message-ID: <Cx8B38.Eov@iat.holonet.net>
Source record: 267646

My cable TV system (Cablevision, West San Fernando Valley, CA) advertises DMX Digital Music Express, offering something like 60 channels of continuous music using what I think is another decoder to connect to the stereo, which works with a DMX remote control.
Does anyone know if it is possible to listen to this stuff on my RS-2006 scanner (in mono of course)? What frequencies would they be sitting at? Would a coax to BNC converter just do, to lead the cable system's signal into the scanner? I'm wondering if the whole thing is digital, being transmitted through the cable system, which would make listening this way impossible.

Berton Corson
Northridge, California
g9153402@huey.csun.edu

3351. Re: Organizing channel banks (Was Pro-43-400 channels)

Newsgroup: rec.radio.scanner
Date: 1994-10-06 03:52:40 UTC
From: DPalmer@ix.netcom.com
Message-ID: <36vsa8$btf@ixnews1.ix.netcom.com>
Source record: 267658

In <36ude5$mk1@news1.hh.ab.com> bjb@petrel.cle.ab.com (Bradley J. Bittorf) writes:

>This discussion brings to mind a question. How do you organize
>your channel banks? I tend to organize mine functionally rather
>than geographically, with one exception:
>
> 1 - Police
> 2 - Fire, Rescue, Med Helicopters, Traffic Reports
> 3 - Local Aircraft frequencies & airports
> 4 - Trains
> 5 - Regional Air frequencies, ATC
> 6 - HAM repeaters, Space shuttle rebroadcast, etc.
> 7 - cordless phones
> 8 - Local emergency frequencies, unfortunately overlaid
> by cellular images ;-)
> 9 - Same as 8
> 0 - Interesting frequencies near my parents' home, weather,
> local TV audio (a lot of locked-out channels)
>
>This is just how my own scheme evolved; one day I'll get energetic
>and repartition it all. Any notion of what might be better?

Maybe not better, but here's my 'mobile scheme' for a Pro2026, 100 ch:

1. Local 'top 20' police, fire, med, and a couple of utility
companies. (My work has me on standby a few weeks a year,
so the utility companies are necessay)

2. Snoops Band. Cordless, Marine ops, old mobile phones

3. Expanded fire selection. More fireground channels, air
attack, search & rescue

4. More utility companies, a few interesting business channels,
some ham repeaters

5. Out of town run channels. Neighboring law enforcement,
highway patrol.

The list greatly expands when I have 400 channels at my disposal at
home, with repeated channels for 'selective scanning' by bank. It's
nice to be able to punch up the bank for a marine rescue, and have
just the needed agencies in one bank, without getting interrupted by
the meter maids.
--

David Palmer DPalmer@ix.netcom.com

Who Stole My Screwdrivers?

3352. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-06 04:34:04 UTC
From: rbailey@nucleus.com
Message-ID: <Cx8I0t.8Du@nucleus.com>
Source record: 267666

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: Actually, it's 25MHz-2000MHz (except for 800-900 if it's a newer unit)
: ^ ^
: 2000mHz would be, well, interesting?

Slightly anal retentive, huh?

Rob...

3353. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-06 04:38:56 UTC
From: linley@netcom.com
Message-ID: <linleyCx8I8x.1no@netcom.com>
Source record: 267668
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

In ye olden post merlin@neuro.usc.edu (merlin) spake...
>
>Because cellular phones are never likely to cost less than $69.00 -- the
>Motorola Ultra Classic M is built rock solid like a brick -- it is not a
>throw away piece of consumer trash which will fall apart in a few years.

But it may become obsolete if digital cellular ever takes over.
I guess this is why US cell carriers fought to outlaw cellular-receiving
scanners. It's cheaper to buy 'protection' for your customers than to
redesign your system and force your customers to buy new equipment.
<*sigh*> Listen to a radio, go to jail. What country is this?

Pagers, though, have no laws protecting then from the 'must purchase
service contract to get this price' bullsh*t.

--
Bruce James Robert Linley Amateur Radio: KE6EQZ
linley@netcom.com <--- Left Brain Right Brain ---> linley1@aol.com

3354. Re: A funny thing happened at Rat Shack ...

Newsgroup: rec.radio.scanner
Date: 1994-10-06 04:43:19 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <781406636@f747.n115.z1.ftn>
Source record: 267676

-=> Quoting Berton Corson to All <=-

BC> I have to admit, they always try to sell me the extended warranty. I
BC> see them enter my sale in their computer/cash register, and the thing
BC> always tells them on the screen to suggest the extra warranty, so
BC> there is no thinking required on the part of the salesperson. A couple
BC> months ago, I bought an item that was marked down to $49.00. They
BC> tried to sell me a warranty on that that was about $45.00. I sort of
BC> laughed. I mentioned I could just about buy another product for the
BC> price of the warranty.

Yes, I had something like that happen to me, too. Tried to sell the
extended warranty on a pair of $20 headphones for $30. Geeez, what a
deal!! <g>

Jerry

3355. An RS Parable

Newsgroup: rec.radio.scanner
Date: 1994-10-06 04:47:34 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <781406637@f747.n115.z1.ftn>
Source record: 267675

-=> Quoting MB Grant to All <=-

MG> RSP: Here's the Mylanta 2000 - complete with a siren, auto alarm
MG> indicator, paging unit...

One of many highlights, edited.

ROTFLMAO and I can't get up! You work at Zanies' or the Funny Firm or
something. <he he ha ha he>

Jerry

3356. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-06 04:55:41 UTC
From: davidm@iglou.com
Message-ID: <DDuakK7gXfNA072yn@iglou.com>
Source record: 267671

In article <fields.d.10.2E92C313@calc.vet.uga.edu>,
fields.d@calc.vet.uga.edu (David Fields) wrote:

> Someone told me that if I'm going to run cable over 30-40 feet, that I need
> to use RG-8 (.60 a foot). Any thing umder this I can use RG-58 (.20 a foot).

In a receive-only application like scanners, and if your talking a length of 30-40 feet, I'd suggest RG-6 over RG-8. Its cheaper, it has less loss, and its easier to work with since its diameter is thiner. RG-58 is *GARBAGE* for anything over 10-15 feet if what you're shooting for is higher than 30 Mhz or so. By the time you get up into UHF, you've lost 75% of your signal in the coax. Save yourself some heartburn and skip it.

> I to am looking into this, I have two possiblities. 1) is over 100 feet on
> top of an dusk-to-dawn light pole. (owner of pole is me not elec. co.).
> 2) is on top of house about 50 feet. Is over 100 feet to far to run cable or
> is shorter the better?

No, 100 feet isn't too far, however, personally I would suggest that you also look at installing some kind of pre-amp at the antenna, or else start looking at coaxes like 8214 or 9913.

David
davidm@iglou.com

3357. Re: Get them while they last!!

Newsgroup: rec.radio.scanner
Date: 1994-10-06 04:57:40 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <781406638@f747.n115.z1.ftn>
Source record: 267677

-=> Quoting kowitt shai to All <=-

ks> BTW, does anyone know what the mod is for the Uniden BC 2500XLT/B is?
ks> I just ordered one from Damark, and heard it can be modified, but I
ks> have not seen the post about it.

I don't know if the unit can be modified. Only OCIC and OLIC are the
datecode of the units that can be modified for sure. If you have one of
these codes...

Product...Uniden Bearcat 2500XLT Datecodes OCIC and OLIC
Purpose...Restore full 800 Mhz coverage
w/ 30 khz stepping when required.

** Disclaimer...Modifications are done at your own risk. This product uses
surface mount components which make performing this mod difficult. If you
are not comfortable with surface mount components, DON'T DO IT. This
modification will void your warranty.

** Legal stuff...Performing this mod may enable reception of certain
portions of the 800 Mhz band that is forbidden by U.S. federal law.

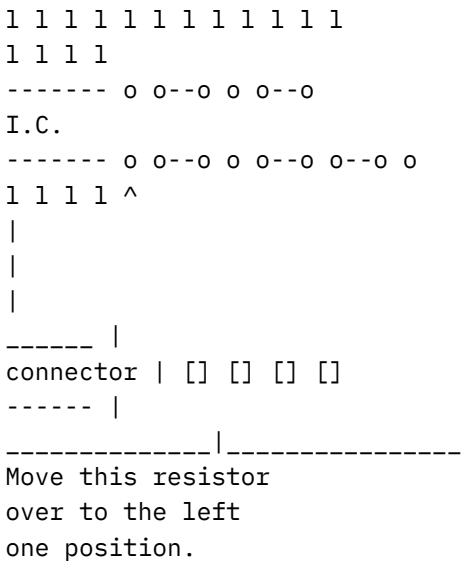
This modification is from the Sept. 1993 issue of Monitoring Times, p.94

1. Remove the antenna and battery pack from the unit. Lay it on the face
on a soft cloth or towel, bottom of the radio facing you.

2. Carefully pry the back loose from the radio and lift it off.
Similarly, grasp the visible circuit board by the edges and carefully pull
it away form the radio just far enough to separate it from the white (11
pin) Molex connector. Do not stretch the remaining ribbon connector. Lay
the board alongside the radio.

3. Locate microprocessor chip "Uniden UC-1513A" and the cluster of chip
resistors marked "104" below it. Using a magnifier and fine point
soldering iron, unsolder the lower-left-most chip resistor and move it one
place to the left, soldering it in place.

Re-assemble unit.
|
|
|
Uniden |
UC 1513 A |
|
|



Jerry

3358. Help, pro-2006.

Newsgroup: rec.radio.scanner
Date: 1994-10-06 05:04:18 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <781406639@f747.n115.z1.ftn>
Source record: 267678

-=> Quoting Mike McDowell to All <=-

MM> From: mcdowelm@ios.com (Mike McDowell)
MM>
MM> Well, I have a PRO-2006 and I've recently discoverd a program called
MM> Radio Manager v2.01. It say's it will work with a 2006, what kind of
MM> connection will I have to get or make?

Hi, Mike...This is the only info I have for the program. Ben Saladino is
the author of this text and the shareware program Radio Manager 2.01. It
is available at the BBS listed on the tagline as well as CompuServe Hamnet.

Radio Manager for Windows 2.01 9/14/94

Radio Manager for Windows is a radio control program for the Icom R-7000
Radio. It should also work with other Icom radios. New version 2.0 works
with the OptoScan456(tm) from OptoElectronics. Radio Manager handles
scanning, delays, 5 priority channels, lock-outs, presets, search ranges and
more. You can choose your own delay amounts and priority checking intervals.
Radio Manager stores data in Bank Files that can have 999 banks each.
Within a bank you can have 999 channels. That's 998001 channels! Your
computer's memory may limit this. You choose your own channel and bank
numbers. Each bank can have a description, and be enabled or locked out.
Radio Manager comes with Frequency Manager (see FM.TXT), so you can
organize your frequency list. Radio Manager can then extract information
from Frequency Manager files when needed.

System Requirements:
* 80386 and higher IBM PC and Compatibles with 4MB RAM
* Windows 3.1 or Higher (running in Standard or Enhanced Mode)
* SHARE.EXE must be loaded for Radio Manager to function properly
* A hard disk with 2MB free disk space
* A 3.5" or 5.25" floppy drive
* An available Com Port and a Computer-Radio Interface that supports
signal detection with the Ring Indicator (pin 22 of RS-232
connector), or Carrier Detect (pin 8 of RS-232), or software
signal detection for the Icom R72, R7100, and R9000 radios.
Radio Manager works with the ICOM CT-17 interface, but
it will not stop scanning when a signal is present, unless you
modify your CT-17 as described in the help file or have a radio
listed above that supports software detection. A 9600 BPS
connection is strongly recommended.
* An Icom R-7000, R7100, or R9000 radio, or a Pro 2005/6 scanner with
an OptoScan456. Other Icom radios should work too, but only
the R-7000 has been tested by me. Please let me know if your radio
works or doesn't work. Works best when communication between

computer and radio is set to 9600 bps.

Jerry

3359. The Optoelectronics thingy for the Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-10-06 05:05:10 UTC
From: davidm@iglou.com
Message-ID: <6MuakK7gXz-2072yn@iglou.com>
Source record: 267672

Okay, now its my turn to ask a question about the Optoelectronics gizmo for the 2006 (I forget the model number, and its too late to go hunting for the magazine ad :-))

With this thing installed, can you re-organize the bank structure, or are you still stuck with 10 banks of 40 channels? I'd rather have 40 banks of 10 channels. I was interested in the new Radio Shack scanner (if it ever comes out) that has a thousand channels, until I found out it was 10 banks of 100 channels. A hundred banks of 10 channels would be perfect!

David
davidm@iglou.com

3360. Pro-2006 & Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-10-06 05:22:30 UTC
From: tjmiles@delphi.com
Message-ID: <hy51RgW.tjmiles@delphi.com>
Source record: 267663

I'm sure this has been answered here before, but if someone could be so kind as to clarify this one more time (for my sake and anyone else that missed it before) -- I've read that a Pro-43 which does not have a letter in its serial number is cell-modifiable. Is this accurate? Also, regarding the Pro-2006 base scanner -- are all of these able to be modified for recieving the complete 800 MHZ band or are there exceptions as with the Pro-43? I'm wondering because my local RS has both on sale right now.... Thanks in advance for your help with this!

Terry

3361. NEWBIE: needs suggestions...

Newsgroup: rec.radio.scanner
Date: 1994-10-06 05:36:13 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <781406640@f747.n115.z1.ftn>
Source record: 267624

-=> Quoting David S Aidekman to All <=-

DSA> I've been very interested in purchasing a scanner for a long time, and
DSA> I've recently been reading this newsgroup. I am fascinated by what you
DSA> can do with them, but I only have a vague idea of what their
DSA> descriptions mean. I see that Radio Shack is unpopular on here, but
DSA> I'm looking for suggestions on what to get for a beginner and where to
DSA> go. Is Radio Shack really that bad? there's one nearby and it would be
DSA> pretty convenient, but I need to know what to look for and what
DSA> questions to ask. Thanks in advance....

Hi, Dave...
The only thing unpopular about Radio Shack is their sale techniques and knowledge. Other than that, some of their scanners are excellent. The ever popular Pro-43 handheld scanner is their top of the line handheld and is on sale now (as of Sept. 24) for $299. Their former top of the line base 2006 is also an excellent scanner. You might still find some around. The current top of the line is the 2035 and runs for $450. Might be a bit steep on the wallet, though.

What are you interested in listening to? Police and fire? Air communications? Cordless phones? Amatuer Radio operations?

Next, you will have to find out what the frequencies are that you want to monitor. Many police depts are switching to new radio systems, hence the amount of new scanners capable of receiving 800 Mhz frequencies. In some cases, an RS person may be able to help, but it is best to pick up a copy of the book Police Call for your area at RS. Cost is $10. This book will have almost all of the freqs that are licensed by the towns in your area.

Then you will have to figure out how many channels you want? 2035 has 1000 channel capability. 2006 has 400. '43 has 200. There are alot of different types of scanners with different features.

The basics...

Delay...Scanner holds on to channel received for 2 seconds after end of transmission to see if there is a reply. If not, the unit will continue scanning.

Search...Program lower and upper limits to search in a given range. For example, I may want to search between 154 and 155 Mhz to see what activity may exist in this area.

Bells and whistles include...

Instant weather button to monitor the National Weather Service without taking up a channel.

Priority...Periodically checks a channel to see if activity is occurring and if there is, will override any other transmissions being received.

Auto Search and Store...will search a desired range and when radio traffic is detected, will automatically save that freq into a channel.

Hit counter...will count how many times the radio received a signal on a given channel.

For starting out, I would recommend the 2030 by Radio Shack. It is a Uniden Bearcat made unit that has 80 channels, 50 channel per second scan rate and covers 800 Mhz. It is easy to program and operate and is not effected too bad by imaging. (A normal occurence in receivers of this design in which the radio will pick up a "mirror" of the actual frequency)

Not sure on a handheld, but many users have reported good results with the Pro-51. The $299 tag is steep and I personally wouldn't pay that much for the unit. If it becomes available again soon, I would try for a '23 if your area doesn't use the 30-50 Mhz range.

You might want to pick up a catalog from RS to take a look at the upcoming selections.

Another to consider is the Uniden Bearcat 220 XLT. You should be able to get one of these at Service Merchandise or Wal-mart possibly. BC 200 was a pretty popular unit and has been discontinued. You may be able to find a good deal on this unit. Both of these units are 200 channels with many of the above features and are handheld units.

Take your time and keep asking questions. Many users have preferences on the type of scanners they buy depending on location and frequency ranges. What may be excellent for one user may be a door stop to another.

You might want to consider picking up Monitoring Times (Barnes & Nobles Superstores usually have them, I've been told) or Popular Communications. They both have lots of info. Pop Com is excellent for someone starting out in the hobby.

I'll let you go...my fingers are overheating. <g>

Jerry

3362. PRO 46

Newsgroup: rec.radio.scanner
Date: 1994-10-06 06:03:56 UTC
From: mgdfan@metronet.com
Message-ID: <mgdfan.1.000110D9@metronet.com>
Source record: 267655

Does anyone know if the Pro 46 can be modified to more that 100 channels? I've found cellular mods for it at various FTP sites, but yet to find any other mods to it.

Jason

3363. Query - Whooping Crane Tracking Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-06 06:23:44 UTC
From: garyposs@bga.com
Message-ID: <37055g$90r@giga.bga.com>
Source record: 267643

I am interested in tracking Whooping Cranes and am looking for information on the frequencies used by their beacon transmitters. Also need migration schedules and paths.

Thanks.....Gary

3364. cheap 200xlt

Newsgroup: rec.radio.scanner
Date: 1994-10-06 06:39:48 UTC
From: aw871@FreeNet.Carleton.CA
Message-ID: <Cx8nuC.7u6@freenet.carleton.ca>
Source record: 267667

usually the radio/scanner equipment listed in general
interest catalogs is a bit expensive...at least
compared to what you see from grove or tucker or
EEB...so this one caught my eye in the latest
(dated sept 28) offering from "damark"".
they have a uniden 200 xlt for $169. i owned
one of these when they first came out in the
late 80's...and paid $269. cheapest i have
seen them (new) is $209. the damark ones
are 'factory serviced'.
if i recall, this unit is cell-blocked, easily
modified. but scan spacing is 12.5 locked.
this is a nice scanner, which served me well
until i found 200 channels was no longer
sufficient. that was during my "no standards"
period, when i figured if it was worthwhile
transmitting, it was worthwhile listening to.
i had every pizza dispatcher, john deere
combine, and talking sign in town programmed
in. never a dull moment, what i lacked in quality
i made up in quantity.
but i digress...
damark has a toll-free number 800-729-9000.
now the usual disclaimer...
i pass this info along because i think it is
of interest to this news group. i have no
financial, spiritual, or carnal interest in
this company or any of its employees.
-30-

3365. MVT 7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-06 06:45:00 UTC
From: marc.tebeka@spacebbs.com
Message-ID: <6.12661.1585.0NAEAE99@spacebbs.com>
Source record: 267575

For sale Yupiteru MVT 7100 Multiband Receiver: $550 + shipping

Almost never used. Comes with original box, antenna,
rechargeable batteries, and AC adapter.

Send email to marc.tebeka@spacebbs.com if interested.

Marc

 RM 1.3 01807

3366. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-06 07:04:37 UTC
From: lewiz@netcom.com
Message-ID: <lewizCx8ozq.FL5@netcom.com>
Source record: 267596
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

Robert Worne (tanuki@kaiwan.com) wrote something:
:
: Adray's, another local dealer sells phones, but they are all
: pre-programmed. They just call up the carrier and activate the number.
: If you already have a number, there are no "unprogrammed phones to
: sell." Therefore you need to pay a "deprogramming fee" of about $100-150
: for the telephone. Shit, I can program a Motorola, OKI, or Panasonic in
: about 30-45 seconds. I'd love a job programming phones for $1600+ bucks
: an hour.

I got's news for you brudda... A reporter friend of mine (Eddie Rivera)
will be doing a story on how some Adray's managers violate the law as far
as Cellular Phone sales... With the reporter on the line, I called up
an Adray's and asked for the manager. I told him I was the assistant
manager at another Adray's in the Valley, and that I was new, my manager
wasn't in, and I wanted to know what I could do because I've had three
customers come in so far and buy phones from me without activation.

He was outraged, and told me that we were losing money! Then he
proceeded to explain how I should tell them ANYONE who calls on the
phone that we only have one or two phones in stock, and then when
someone comes in, if they don't want activation, pretend to go out
into the warehouse to get their "one" phone, and come back to tell
them that we must have just sold the last one, and the computer must
not have been updated yet. He then proceeded to tell me that I could
also go out to the warehouse, get a phone, open up the box, and take
the battery and charger out. Then bring it out, open it up, and find
the items missing - and tell the customer that it's the last one, and
if he wants it he'll have to buy a battery and charger from us!!!!!!
He even told me that "you don't want to make it seem like you're
breaking the law - so always pretend to 'go check' for them, and
act disappointed when the last one is gone"... What a jerk.

You'll be reading about these practices in the paper...

--
cc: The Ken & Kathleen Show, FBI, LA, CA. || "Mum's the word..."
Bruce S. Woodcock, netcom file peruser || - Justin T. Petersen

3367. Re: PRO-2026 LOST FREQS

Newsgroup: rec.radio.scanner
Date: 1994-10-06 07:08:04 UTC
From: netter232@aol.com
Message-ID: <3707ok$slj@newsbf01.news.aol.com>
Source record: 267656

In article <9407280650.09LSN00@chrysalis.org>, jeff.wright@chrysalis.org writes:

I got up this morning, went to my truck and turned on the 2026, and it had lost all of its stored channels.

Yes, I have had the same problem. I have taken 2 of these scanners back to Radio Shack and they have replaced them with new ones off the shelf (knowing the manager helps!), but they all seem to have the same problem intermittently. My current one has again lost all freqs. I am having some success to tracing it to things such as starting the vehicle accidentally with the headlights on, or cold weather, etc. But even this is not proving consistent, I plan to wire direct to my auxillary battery and bypass the cars system all together and see if this helps. As with all intermittent problems it is very frustrating.
BTW this is the later model scanner. Any additional info on this problem would be appreciated. Please email to 73631.3327@compuserv.com

Thanks!

3368. BC-950 /= BC-760 ???

Newsgroup: rec.radio.scanner
Date: 1994-10-06 07:10:24 UTC
From: kjn@netcom.com
Message-ID: <kjnCx8p9E.8tz@netcom.com>
Source record: 267597

Anybody willing to explain the difference between the Uniden BC-950 XLT
and the BC-760XLT other than the obvious cosmetic differences in the
front plate. It seems that the mod is different for each unit although
the interiors look the same.
Thanks.

--
Ken Navarre

3369. Re: Pro-43-400 channels

Newsgroup: rec.radio.scanner
Date: 1994-10-06 09:00:18 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Oct6.010018.4659@cmkrnl>
Source record: 267606

In article <Pine.SUN.3.90.941004224952.14976K-100000@server0>, Chris Hall <chall@server0> writes:
> I just have one question - What could you probably need 400 programable
> channels for? I have the pro-43, and I use 45 and that's all I think
> I'll ever need, and I search everything it offers, not just 800MHz.

Dear boy, in areas like Southern California, 400 channels is barely a start. With reasonable divisions into banks (which typically wastes several channels per bank), 400 channels will just about handle the combined law enforcement agencies of Los Angeles, Orange, and San Diego counties.

CHP alone fills one 40-channel bank; LAPD pretty much takes up another; and so on.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

Whatever you can do, or dream you can, begin it.
Boldness has genius, power, and magic in it. - Goethe

3370. Where to get a 2004 fixed ?

Newsgroup: rec.radio.scanner
Date: 1994-10-06 09:16:02 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1994Oct6.091602.11586@grian.cps.altadena.ca.us>
Source record: 267661

I've got a very numb Pro-2004. It was fine in January, it was packed away, and is numb upon unpacking.

I took it to RS and the estimate came back "Replace receiver board". Sounds to me like somebody is working at a peicework rate. I understand that sometimes swapping the board is the only solution - but I'd rather get a second opinion.

Any pointers to a good shop in the L.A. basin would be appreciated.

--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

3371. POCSAG code help wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-06 11:39:12 UTC
From: ott@anubis.kbfi.ee
Message-ID: <370nl0$m05@horos.kbfi.ee>
Source record: 267664

I will appreciate if someone could help me in decoding POCSAG code. The POCSAG code is a standard for radio paging.

Please help.

Ott Ko"stner

3372. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-06 12:44:36 UTC
From: gdallal@world.std.com
Message-ID: <Cx94qD.Hy9@world.std.com>
Source record: 267669

Rob Bailey (rbailey@nucleus.com) wrote:
: Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: : Actually, it's 25MHz-2000MHz (except for 800-900 if it's a newer unit)
: : ^ ^
: : 2000mHz would be, well, interesting?
: Slightly anal retentive, huh?

1) What's 10^9 among friends? :-)
2) Maybe too great an impression was made by "The Chicken That Ate
Chicago" episode of Dobie Gillis in which Maynard, who was in charge of
giving the chicken its growth supplement, read "2cc" as "2 cups".
3) Care to trade one, just $1M for two, count 'em, $2m?
4) Your picking up on the comment and commenting on it puts us both in
the same league! :-)

3373. Re: cheap 200xlt

Newsgroup: rec.radio.scanner
Date: 1994-10-06 13:13:19 UTC
From: skowit1@umbc.edu
Message-ID: <370t5f$9ad@xsa09.gl.umbc.edu>
Source record: 267587

In article <Cx8nuC.7u6@freenet.carleton.ca>,
Jim Wishner <aw871@FreeNet.Carleton.CA> wrote:
>
>...so this one caught my eye in the latest
>(dated sept 28) offering from "damark"".
>they have a uniden 200 xlt for $169. i owned
>one of these when they first came out in the
>late 80's...and paid $269. cheapest i have
>seen them (new) is $209. the damark ones
>are 'factory serviced'.

I was wandering if the uniden 200XLT or the uniden BC2500XLT in the last damark catalog, listed as factory serviced, could have been modified in the factory to be unmodifiable? Or is RS the only one that is changing its models that way (like the 'A' in the 43). And would you trust an item that was 'factory serviced' more than a new product, since they were inspected better?!? the second time they left the factory. It's just that the factory service models are marked about $40 less than the new ones, and I was wandering if it is worth the risk of getting 'factory serviced' merchandise, especially with all the new FCC rules coming out.

-Shai Kowitt
skowit1@umbc.edu

3374. Re: Disney World Info Here

Newsgroup: rec.radio.scanner
Date: 1994-10-06 13:47:25 UTC
From: mike@hermes.louisville.edu
Message-ID: <370v5d$o2f@hermes.louisville.edu>
Source record: 267590

I have read in this group that Disney really frowns on scanners. Someone posted a story here a while back about getting hassled about his scanner at Walt Disney World. Any employees care to comment?

Mike Harpe, N4PLE
University of Louisville
--
Michael Harpe, Communications Analyst III Information Technology
Internet: mike@hermes.louisville.edu University of Louisville
(502) 852-5542 (Voice) (502) 852-1400 (FAX) Louisville, Ky. 40292
"Good Night America....wherever you are....."

3375. PRO-51 AIR/FIRE/MARINE

Newsgroup: rec.radio.scanner
Date: 1994-10-06 14:29:12 UTC
From: jsaul@np.atinc.com
Message-ID: <199410061427.JAA03920@cs.utexas.edu>
Source record: 267592

Does anyone know the exact frequencies scanned in the air fire and marine
scan modes?

Thanks in Advance

Jim

##
Jim Saul Internet: jsaul@jots1.np.atinc.com
Analysis & Technology, Inc. jsaul@cc.atinc.com
One Corporate Place Phone: (401) 849-5952 x3305
Middletown, R.I. 02842 Fax: (401) 847-6660
##

3376. POCSAG code help wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-06 14:44:00 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <2ab_9410061528@rccons.lm.com>
Source record: 267616

Hello ott@anubis.kbfi.ee!

06 Oct 94 07:39, ott@anubis.kbfi.ee wrote to All:

oke> I will appreciate if someone could help me in decoding POCSAG code. The
oke> POCSAG code is a standard for radio paging.

From: brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ)
Newsgroups: rec.radio.scanner
Date: Mon, 18 Jul 1994 13:16:49

Here is some info that I think was originally posted by Dave Emery:

The following summary describes the coding used on POCSAG pager
signals and may be of interest to those curious about what those ear-splitting
beeps and buzzes mean and how they encode data. This summary is
based on a very old text of the standard from my files; the current
text of the POCSAG standard is available as CCIR Radiopaging Format 1.

Note that some current POCSAG signals (so called Super-POCSAG)
transmit paging at 1200 or 2400 baud instead of the 512 baud I refer to
here, but use essentially a similar coding standard.

The interested USA reader is reminded that willfully intercepting
other than tone only paging is a violation of the ECPA with similar
penalties and criminal status to willfully intercepting cellular phone calls.

The interested reader is advised that at least two of Universal
Shortwave's RTTY reading devices (the M8000 and the new C-400) are
capable of reading at least the older 512 baud version of POCSAG paging,
so commercial devices for this purpose are currently being sold in
the USA.

And finally, much alphanumeric paging - particularly that installed
some time ago, uses a proprietary Motorola encoding format called
GOLAY which is quite different from POCSAG. The two can be told apart
by their baud rates - GOLAY is 600 baud.

POCSAG

First POCSAG stands for Post Office Code Standarization Advisory
Group. Post office in this context is the British Post Office
which used to be the supplier of all telecommunications services in
England before privatization.

POCSAG as defined in the standard, (original POCSAG) is 512 bits
per second direct FSK (not AFSK) of the carrier wave with +- 4.5 khz shift
(less deviation than that is used in some US systems). Data is

NRZ coded with the higher frequency representing 0 (space) and the
lower one representing 1 (mark).

The basic unit of data in a POCSAG message is the codeword which
is always a 32 bit long entity. The most significant bit of a codeword
is transmitted first followed immediately by the next most significant
bit and so forth. The data is NRZ, so that mark and space values (plus
and minus voltages) as sampled on the output of the receiver
discriminator at a 512 hz rate corrospond directly to bits in the
codeword starting with the MSB. (Note that the audio output circuitry
following the discriminator in a typical voice scanner may considerably
distort this square wave pattern of bits, so it is best to take the
signal directly off the discriminator before the audio filtering).

The first (msb) bit of every POCSAG codeword (bit 31) indicates
whether the codeword is an address codeword (pager address) (bit 31 = 0)
or a message codeword (bit 31 = 1). The two codeword types have
have different internal structure.

Message codewords (bit 31 = 1) use the 20 bits starting at bit
30 (bit 30-11) as message data. Address codewords (bit 31 = 0) use 18
bits starting at bit 30 as address (bits 30-13) and bits 12 and 11 as
function bits which indicate the type and format of the page. Bits 10 through
1 of both types of codewords are the bits of a BCH (31,21) block ECC
code computed over the first 31 bits of the codeword, and bit 0
of both codeword types is an even parity bit.

The BCH ECC code used provides a 6 bit hamming distance between
all valid codewords in the possible set (that is every valid 32 bit
codeword differs from ever other one in at least 6 bits). This makes
one or two bit error correction of codewords possible, and provides
a robust error detection capability (very low chance of false pages).
The generating polynomial for the (31,21) BCH code is x**10 + x**9
+ x**8 + x**6 + x**5 + x**3 + 1.

Codewords are transmitted in groups of 16 (called batches), and
each batch is preceeded by a special 17th codeword which contains a
fixed frame synchronization pattern. At least as of the date of the
spec I have, this sync magic word was 0x7CD215D8.

Batches of codewords in a transmission are preceeded by a start
of transmission preamble of reversals (10101010101 pattern) which must
be at least 576 bits long. Thus a transmission (paging burst) consists
of carrier turnon during which it is modulated with 512 baud reversals
(the preamble pattern) followed by at least 576/512 seconds worth of
actual preamble, and then a sync codeword (0x7CD215D8), followed by 16
data/address codewords, another sync codeword, 16 more data/address
codewords and so forth until the traffic is completely transmitted. As
far I am aware there is no specified postamble. I beleive that all 16
of the last codewords of a transmission are always sent before the
carrier is shut off, and if there is no message to be sent in them the
idle codeword (0x7A89C197) is sent. Later versions of the standard may

have modified this however.

In order to save on battery power and not require that a pager
receive all the bits of an entire transmission (allowing the receiver
to be turned off most of the time, even when a message is being transmitted
on the channel) a convention for addressing has been incorperated which
splits the pager population into 8 groups. Members of each group
only pay attention to the two address code words following the synch
codeword of a block that corrospond to their group. This means that
as far as addressing is concerned, the 16 codewords in a batch are
divided into 8 frames of two codewords apiece and any given pager
pays attention only to the two in the frame to which it assigned.

A message to a pager consists of an address codeword in the
proper two codeword frame within the batch to match the recipients frame
assignment (based on the low three bits of the recipient's 21 bit
effective address), and between 0 and n of the immediately following
code words which contain the message text. A message is terminated by
either another address code word or an idle codeword. Idle codewords
have the special hex value of 0x7A89C197. A message with a long text
may potentially spill over between two or more 17 codeword batches.

Space in a batch between the end of a message in a transmission and
either the end of the batch or the start of the next message (which of
course can only start in the two correct two codeword frame assigned to
the recipient) is filled with idle codewords. A long message which
spills between two or more batches does not disrupt the batch structure
(sync codeword and 16 data/address code words - sync code word and
16 data/address codewords and so forth) so it is possible for a pager
not being addressed to predict when to next listen for its address and
only turn on it's receiver then.

The early standard text I have available to me specifies a 21 bit
address format for a pager (I beleive this has been extended since)
with the upper 18 bits of a pager's address mapping into bits
30-13 of the address codeword and the lower 3 bits specifiying which
codewords within a 17 codeword batch to look at for possible messages.
The address space is further subdivided into 4 different message classes
as specified by the function bits (bits 12 and 11 of a codeword). These
address classes corrospond to different message types (for example
bits 12 and 11 both zero indicate a numeric message encoded in 4 bit BCD,
whilst bits 12 and 11 both set to 1 indicate an alpha message encoded
in 7 bit ASCII). It was apparently envisioned that a given pager could
have different addresses for different message types.

There are two message coding formats defined for the text of messages,
BCD and 7 bit ASCII. BCD encoding packs 4 bit BCD symbols 5 to a codeword
into bits 30-11. The most significant nibble (bits 30,29,28,27) is the
leftmost (or most significant) of a BCD coded numeric datum. Values beyond 9
in each nibble (ie 0xA through 0xF) are encoded as follows:

0xA Reserved (probably used for something now - address extension ?)
0xB Character U (for urgency)
0xC " ", Space (blank)
0xD "-", Hyphen (or dash)
0xE ")", Left bracket
0xF "(", Right bracket

BCD messages are space padded with trailing 0xC's to fill the codeword. As far as I know there is no POCSAG specified restriction on length but particular pagers of course have a fixed number of characters in their display.

Alphanumeric messages are encoded in 7 bit ASCII characters packed into the 20 bit data area of a message codeword (bits 30-11). Since four seven bit characters are 21 rather than 20 bits and the designers of the standard did not want to waste transmission time, they chose to pack the first 20 bits of an ASCII message into the first code word, the next 20 bits of a message into the next codeword and so forth. This means that a 7 bit ASCII character of a message that falls on a boundary can and will be split between two code words, and that the alignment of character boundaries in a particular alpha message code word depends on which code word it is of a message. Within a codeword 7 bit characters are packed from left to right (MSB to LSB). The LSB of an ASCII character is sent first (is the MSB in the codeword) as per standard ASCII transmission conventions, so viewed as bits inside a codeword the characters are bit reversed.

ASCII messages are terminated with ETX, or EOT (my documentation on this is vague) and the remainder of the last message codeword is padded to the right with zeros (which looks like some number of NULL characters with the last one possibly partial (less than 7 bits)).

The documentation I have does not specify how long a ASCII message may be, but I suspect that subsequent standards have probably addressed the issue and perhaps defined a higher level message protocol for partitioning messages into pieces. The POCSAG standard clearly does seem to allow for the notion of encoding messages as mixed strings of 7 bit alpha encoded text and 4 bit BCD numerics, and it is at least possible that some pagers and paging systems use this to reduce message transmission time (probably by using some character other than ETX to delimit a partial ASCII message fragment).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

Rick Christian, AAJP/BSEE
AOSC PA Editor
Internet: rccons!rec@telerama.lm.com

3377. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-10-06 14:51:00 UTC
From: randolph@est.enet.dec.com
Message-ID: <371hs3$t1q@mrnews.mro.dec.com>
Source record: 267614

In article <36t792$oui@ixnews1.ix.netcom.com>, abec@ix.netcom.com (Abe Collins) writes...
>In <36rr42$8nd@mrnews.mro.dec.com> randolph@est.enet.dec.com (Tom Randolph) writes:
>>To be fair, some of their big-ticket items are pretty good stuff. For instance,
>>the HTX202 2m transceiver is one of the better 2m handhelds you can get. I
>>think I read it's made by Maxon under contract from RS?
>>-Tom R. N1OOQ randolph@est.enet.dec.com
>
>I personally think they feel cheap and cheezy as in cheap plastic with
>poor fit 'n finish. They're rather large considering their very modest
>list of bells and whistles. For the few extra bucks, I'd rather purchase
>a quality Icom or Yaesu rice box.
>Abe WA6UCS abe@sgi.com abec@ix.netcom.com

Well, I live 2 miles from a major public service and broadcast radio site. My scanners and my Icom 2m handheld get hammered with intermod and desense. I'm currently using an HTX202 for a base 2m rig! No intermod, 7W up the coax on a gell-cell. I used to lose simplex contacts everytime some pager fired up, not anymore.

True, they won't pick up the police, but scanners do that better anyway. You'll note that most scanners have image and intermod problems.

-Tom R. N1OOQ randolph@est.enet.dec.com

3378. RF Spectrum Analyzers: info req

Newsgroup: rec.radio.scanner
Date: 1994-10-06 15:34:55 UTC
From: jlbowman@indyvax.iupui.edu
Message-ID: <1994Oct6.103455.8891@ivax>
Source record: 267693

Does anyone have knowledge/experience with radio spectrum analyzers out there? I am looking for a nice general, test, RF spectrum analyzer to use in the shack for testing and to look for RF activity from 40-1200 MHz. A decent sample scan rate or congruent/parallel search would be ideal with the notion of approx. 20MHz width and easily capable of quick/selective narrowing of the width when activity is detected. I have a bit of info about the Icom R9000 and Standard CC708, but very limited idea of what else is out there on the market.

Jeffrey
JLBOWMAN@INDYVAX.IUPUI.EDU

3379. Re: PRO-51 AIR/FIRE/MARINE

Newsgroup: rec.radio.scanner
Date: 1994-10-06 15:46:10 UTC
From: horak@convex.com
Message-ID: <371642$p5m@eugene.convex.com>
Source record: 267598

In <199410061427.JAA03920@cs.utexas.edu> jsaul@np.atinc.com (Jim Saul) writes:

>Does anyone know the exact frequencies scanned in the air fire and marine
>scan modes?

I don't remember exactly and I'm not going to post ALL of them here but
generally speaking, the air band is just 108-136, fire and marine are
specific freqs allocated to those services.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

3380. Re: Pro-43-400 channels (long!)

Newsgroup: rec.radio.scanner
Date: 1994-10-06 16:00:30 UTC
From: domonkos@access.digex.net
Message-ID: <az-akiubGc11066yn@access.digex.net>
Source record: 267600

In article <Pine.SUN.3.90.941004224952.14976K-100000@server0>,
> Chris Hall <chall@server0> wrote:
>
> >I just have one question - What could you probably need 400 programable
> >channels for? I have the pro-43, and I use 45 and that's all I think
> >I'll ever need, and I search everything it offers, not just 800MHz.
>

Having as many channel as possible is a must for monitoring the UHF-military air band. I used up over 100 channels entering in frequencies from the Northeast Military Frequency book. These were enough to cover a 4 state wide listening area (just air-tower comms). The wider the coverage of the scanner, the more channels you'll need.

Andy

3381. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-06 16:00:46 UTC
From: domonkos@access.digex.net
Message-ID: <22$akiubGAxP066yn@access.digex.net>
Source record: 267599
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

In article <fields.d.10.2E92C313@calc.vet.uga.edu>, David Fields wrote:
>
> Someone told me that if I'm going to run cable over 30-40 feet, that I need
> to use RG-8 (.60 a foot). Any thing umder this I can use RG-58 (.20 a foot).
>
> I to am looking into this, I have two possiblities. 1) is over 100 feet on
> top of an dusk-to-dawn light pole. (owner of pole is me not elec. co.).
> 2) is on top of house about 50 feet. Is over 100 feet to far to run cable or
> is shorter the better?
>
100 feet or more? Forget the RG-8, use Belden type 9913. Stiff as hell but
much less attenuation over long runs on the higher frequencies. It will make
a difference!

Andy

3382. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-10-06 16:01:08 UTC
From: domonkos@access.digex.net
Message-ID: <Y5$akiubGcER066yn@access.digex.net>
Source record: 267602

In article <1994Oct6.015124.24634@hpcvaac.cv.hp.com>, bill nelson wrote:
>
> I understood you just fine. I just don't think that the FCC would allow
> such an easy way to defeat the lockout.
>
> Bill

Replacing the ROM is not easy for the average hacker...

Andy

3383. Pro-39 ???

Newsgroup: rec.radio.scanner
Date: 1994-10-06 16:22:56 UTC
From: eli@cisco.com
Message-ID: <ELI.94Oct6162256@glare.cisco.com>
Source record: 267585

hi,

i've got a line on a Pro-39 which supposedly has
an "old serial number". does anyone know any details
on the pro-39? how does it compare to the pro-43?
is it modifiable by removing a diode similarly to the pro-43?

/eli

3384. BEARCAT 8500XLT - How is it?

Newsgroup: rec.radio.scanner
Date: 1994-10-06 16:57:27 UTC
From: laconner@halcyon.halcyon.com
Message-ID: <371a9n$suh@news.halcyon.com>
Source record: 267605

I'm considering purchasing a BC 8500XLT. I've been following this newsgroup for a couple of weeks but haven't seen in messages about it. I'm not interested in the cell phone freq's or doing any other mods on the unit.

One other question: Does Canada have the same restrictive laws on scanners that the U.S. does? I.e., do scanners get shipped to Canada that are currently illegal in the U.S. ?

Thanks!

3385. Re: Secret Service Freqs... AM or FM?

Newsgroup: rec.radio.scanner
Date: 1994-10-06 17:06:02 UTC
From: scan911@aol.com
Message-ID: <371apq$6ot@newsbf01.news.aol.com>
Source record: 267617

If you want to monitor WHCA/SS freqs and don't want to monitor the DVP white noise but want to be able to catch clear voice comms, use a CTCSS-capable scanner and monitor the frequencies with the tone of 103.5 Hz. It works! Most SS comms in clear voice now use 103.5 Hz, whereas they used to use carrier squelch.

Chuck
scan911@aol.com

3386. Re: Wanted: AOR AR1000XLT Opinions

Newsgroup: rec.radio.scanner
Date: 1994-10-06 17:08:33 UTC
From: tom.finger@xoanon.com
Message-ID: <9410070210103884@xoanon.com>
Source record: 267611

I bought a AOR 1000 a few months ago and ahve found it to be suprisingly good! About a month ago I purchased a PR0 2006 and spent some time comparing it side by side with the AOR 1000. Result- I returned the 2006 as I found it won't do anything noticeably better than my AOR 1000. On weak signals the 2006 and the AOR 1000 matched up very close across the bands. Of course the 2006 was louder but that is about all.

On the negative side the AOR 1000 is pretty much dead on the low end - i.e below 5 or 10 Mhz or so - but then again the 2006 and other monitiors don't even go this low.

Give the AOR 1000 a try- they are still avalaible I believe in the full .5 - 1200 Mhz unblocked version.

3387. Re: question motorola cell phone (ASAP)

Newsgroup: rec.radio.scanner
Date: 1994-10-06 17:14:33 UTC
From: Ed_Velez@smtp.esl.com
Message-ID: <Ed_Velez-0610941015200001@macj714.esl.com>
Source record: 267576

Not a clue as to what the pin 2/20 jumper does. Pin 20 is ground and pin
21 is for test mode. Believe you may want to remove 2/20 jumper. Have
never used it when programming my units.

In article <1994Oct5.173326.1@cad3.uccb.ns.ca>, rling@cad3.uccb.ns.ca wrote:

> I have a question reguarding a motorola cellular phone.
> I want to rewire up a new 25 pin connector...
> the existing pins that are in use are as follows...
> pin 16 + power
> pin 3 - power
> pins 14 and 15 hands free mic
> pins 2 and 20 are jumped together
>
> to put into test mode (nuts and volts say) jump pins 20 and 21
>
> my question is:
> When i jump pins 20 and 21 do i leave the wire that going from pin 2 to 20
> there? if so i will have 2 wires soldered to pin 20.
>
> If anyone has the answer to my question please respond..
>
> Ron
> rling@cad.uccb.ns.ca

3388. Re: Query - Whooping Crane Tracking Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-06 17:24:02 UTC
From: scan911@aol.com
Message-ID: <371bri$71p@newsbf01.news.aol.com>
Source record: 267618

In article <37055g$90r@giga.bga.com>, garyposs@bga.com (Gary Poss) writes:

>I am interested in tracking Whooping Cranes and am looking for
information
>on the frequencies used by their beacon transmitters. Also need migration
>schedules and paths.

I'd be willing to bet they are in the 216-220 MHz band. A lot of it takes
place there.

Chuck
scan911@aol.com

3389. Re: PRO-2026 LOST FREQS

Newsgroup: rec.radio.scanner
Date: 1994-10-06 17:36:02 UTC
From: jeffpmil@aol.com
Message-ID: <371ci2$796@newsbf01.news.aol.com>
Source record: 267619

I have NEVER had that problem but mine is wired directly to the battery.

I have twice COOKED the audio chip and had it go in for repairs.
Something about it heats up and --- no sound!

Be seeing you,
No. 6

3390. Re: SCANNER BAN/WIRETAP BILL

Newsgroup: rec.radio.scanner
Date: 1994-10-06 17:42:38 UTC
From: henniger@crl.com
Message-ID: <371cue$9rq@crl.crl.com>
Source record: 267578

nitz@lds.loral.com (Bad News) writes:

>In article pdm@detroit.freenet.org, ad225@detroit.freenet.org (Gary Baumgarten) writes:
>>
>> Gee ... and I always thought the public owned the airwaves!
>>
>Yes, but Congress seems to think they own the public. The bill goes to
>the house floor for a vote TODAY (Oct 5.) Proponents are trying to slip
>it in along with 40 other bills without debate. They also hope to pass it
>in the Senate on a similar "unanimous approval" vote. This means that your
>average congressperson won't even know what they voted for until it's too
>late. It seems to be a common way of doing business lately.

>I speak only for me...

The bill passed the house. The senate is next...

Mick

3391. MVT 7100 Supplier??

Newsgroup: rec.radio.scanner
Date: 1994-10-06 17:45:41 UTC
From: jcscott@pacbell.com
Message-ID: <371cv6$a2d@gw.PacBell.COM>
Source record: 267577
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hi Folks,
What catalog firm(s) market the Yupiteru MVT 7100? Also, does
anyone have the manufactures address and/or telephone number?
I am not familiar with the unit and would like more details.
Thanks,
Jon

3392. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-10-06 18:01:51 UTC
From: tfoecke@nist.gov
Message-ID: <tfoecke-0610941401510001@steel.nist.gov>
Source record: 267579

> : : : Couldn't one pop the EEPROM out and re-program it with the Forbidden
> : : : Frequencies, then put it back in? The scanner most likely prevents
> : : : entry of the frequencies only at the keypad.
> :
> : : If the frequencies are in discrete eeprom. I suspect the change
would be in
> : : rom on the CPU chip.
> :
> : Oops. Lesse if I can explain this better... Let's say a scanner and program
> : a few of the cell phone frequencies into it's memory. Then, I take
the memory
> : chip out and place it in the same model scanner that can't recieve (let you
> : receive might be a better word) the frequencies already saved in the memory.
> : The scanner will read the frequencies from the memory and use them without
> : checking to see if they are valid or not. Note that the memory device could
> : be a RAM chip (in this case use a Dallas NOVRAM) or an EEPROM. If the
> : scanner has an external ROM, someone could program a software patch for it
> : that would re-enable the frequencies locked out.
>
> I understood you just fine. I just don't think that the FCC would allow
> such an easy way to defeat the lockout.
>
Why not?? They "allowed" such a stupidly easy to restore "forbidden"
frequencies
in the Pro 2006. Do you really think that they are in the business of
taking the time
to check every possibility of every scanning receiver, and then telling
the manufacturers
that they have not gone far enough in locking out the frequencies? I think not.

3393. Pop Comms for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-06 18:57:38 UTC
From: bongik@theorem.math.rpi.edu
Message-ID: <371hb2$7ot@usenet.rpi.edu>
Source record: 267581

Howdy all,
OK here's the deal, I have most of the Pop Comms from 1983-1992 and I am willing to part with them since they are my doubles. I would be more than
happy to get cover price (or less). So what I need to know, is how to do it.
I was thinking of posting the issues and saying best offers in say 2(?) days
gets em. Let me know....I'll try and post tonight.

```
_______________________________________________________________________________
;B'''';;,, |bongik@rpi.edu | >>PGP Key : under installation<<
''o'''K'''';, | (KB2KTO) | Those willing to give up a little
; n'''''e'';; ~~~ ~~~ ~~ ~~ ~~ \\ * freedom for a little security,
|?g''''''v''; ~ ~~ *~~ ~~ ~~ [HH]>- Lose both and deserve neither.
|'?'i'''''''';, ~~~* ~~ ~~~ ~~ // * -Ben Franklin
|'/?'o''''i'; * * X-------X
;''?"''v''''''; * * |X: ,X|
;;'?';---;'a'''n; * |`:.-.:'|
;?''; ;'n'''; * * * * | (o,o) |
;'?; / ;'n';; * * |,:|_|:.|
\?;?// ;i; An open mind has no boundaries. * |X: :X|
\\?///_____________________________________________________X_______X______
```

3394. Re: POCSAG code help wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-06 19:10:43 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.493.00132E56@ccm.hf.intel.com>
Source record: 267594

In article <370nl0$m05@horos.kbfi.ee> ott@anubis.kbfi.ee (Ott Kostner) writes:

>I will appreciate if someone could help me in decoding POCSAG code. The
>POCSAG code is a standard for radio paging.

>Please help.

Here is the only technical info I have seen on POCSAG so far.

From: die@pig.UUCP (Dave Emery)
Newsgroups: alt.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc
Subject: Summary of how POCSAG paging works
Date: 21 May 93 01:30:02 GMT
Followup-To: alt.radio.scanner
Organization: Opinion Mongers Incorperated...

The following summary describes the coding used on POCSAG pager
signals and may be of interest to those curious about what those ear-splitting
beeps and buzzes mean and how they encode data. This summary is
based on a very old text of the standard from my files; the current
text of the POCSAG standard is available as CCIR Radiopaging Format 1.

Note that some current POCSAG signals (so called Super-POCSAG)
transmit paging at 1200 or 2400 baud instead of the 512 baud I refer to
here, but use essentially a similar coding standard.

The interested USA reader is reminded that willfully intercepting
other than tone only paging is a violation of the ECPA with similar
penalties and criminal status to willfully intercepting cellular phone calls.

The interested reader is advised that at least two of Universal
Shortwave's RTTY reading devices (the M8000 and the new C-400) are
capable of reading at least the older 512 baud version of POCSAG paging,
so commercial devices for this purpose are currently being sold in
the USA.

And finally, much alphanumeric paging - particularly that installed
some time ago, uses a proprietary Motorola encoding format called
GOLAY which is quite different from POCSAG. The two can be told apart
by their baud rates - GOLAY is 600 baud.

POCSAG

First POCSAG stands for Post Office Code Standarization Advisory
Group. Post office in this context is the British Post Office
which used to be the supplier of all telecommunications services in
England before privatization.

POCSAG as defined in the standard, (original POCSAG) is 512 bits
per second direct FSK (not AFSK) of the carrier wave with +- 4.5 khz shift
(less deviation than that is used in some US systems). Data is
NRZ coded with the higher frequency representing 0 (space) and the
lower one representing 1 (mark).

The basic unit of data in a POCSAG message is the codeword which
is always a 32 bit long entity. The most significant bit of a codeword
is transmitted first followed immediately by the next most significant
bit and so forth. The data is NRZ, so that mark and space values (plus
and minus voltages) as sampled on the output of the receiver
discriminator at a 512 hz rate corrospond directly to bits in the
codeword starting with the MSB. (Note that the audio output circuitry
following the discriminator in a typical voice scanner may considerably
distort this square wave pattern of bits, so it is best to take the
signal directly off the discriminator before the audio filtering).

The first (msb) bit of every POCSAG codeword (bit 31) indicates
whether the codeword is an address codeword (pager address) (bit 31 = 0)
or a message codeword (bit 31 = 1). The two codeword types have
have different internal structure.

Message codewords (bit 31 = 1) use the 20 bits starting at bit
30 (bit 30-11) as message data. Address codewords (bit 31 = 0) use 18
bits starting at bit 30 as address (bits 30-13) and bits 12 and 11 as
function bits which indicate the type and format of the page. Bits 10 through
1 of both types of codewords are the bits of a BCH (31,21) block ECC
code computed over the first 31 bits of the codeword, and bit 0
of both codeword types is an even parity bit.

The BCH ECC code used provides a 6 bit hamming distance between
all valid codewords in the possible set (that is every valid 32 bit
codeword differs from ever other one in at least 6 bits). This makes
one or two bit error correction of codewords possible, and provides
a robust error detection capability (very low chance of false pages).
The generating polynomial for the (31,21) BCH code is x**10 + x**9
+ x**8 + x**6 + x**5 + x**3 + 1.

Codewords are transmitted in groups of 16 (called batches), and
each batch is preceeded by a special 17th codeword which contains a
fixed frame synchronization pattern. At least as of the date of the
spec I have, this sync magic word was 0x7CD215D8.

Batches of codewords in a transmission are preceeded by a start
of transmission preamble of reversals (10101010101 pattern) which must
be at least 576 bits long. Thus a transmission (paging burst) consists
of carrier turnon during which it is modulated with 512 baud reversals
(the preamble pattern) followed by at least 576/512 seconds worth of
actual preamble, and then a sync codeword (0x7CD215D8), followed by 16
data/address codewords, another sync codeword, 16 more data/address
codewords and so forth until the traffic is completely transmitted. As
far I am aware there is no specified postamble. I beleive that all 16
of the last codewords of a transmission are always sent before the

carrier is shut off, and if there is no message to be sent in them the idle codeword (0x7A89C197) is sent. Later versions of the standard may have modified this however.

In order to save on battery power and not require that a pager receive all the bits of an entire transmission (allowing the receiver to be turned off most of the time, even when a message is being transmitted on the channel) a convention for addressing has been incorperated which splits the pager population into 8 groups. Members of each group only pay attention to the two address code words following the synch codeword of a block that corrospond to their group. This means that as far as addressing is concerned, the 16 codewords in a batch are divided into 8 frames of two codewords apiece and any given pager pays attention only to the two in the frame to which it assigned.

A message to a pager consists of an address codeword in the proper two codeword frame within the batch to match the recipients frame assignment (based on the low three bits of the recipient's 21 bit effective address), and between 0 and n of the immediately following code words which contain the message text. A message is terminated by either another address code word or an idle codeword. Idle codewords have the special hex value of 0x7A89C197. A message with a long text may potentially spill over between two or more 17 codeword batches.

Space in a batch between the end of a message in a transmission and either the end of the batch or the start of the next message (which of course can only start in the two correct two codeword frame assigned to the recipient) is filled with idle codewords. A long message which spills between two or more batches does not disrupt the batch structure (sync codeword and 16 data/address code words - sync code word and 16 data/address codewords and so forth) so it is possible for a pager not being addressed to predict when to next listen for its address and only turn on it's receiver then.

The early standard text I have available to me specifies a 21 bit address format for a pager (I beleive this has been extended since) with the upper 18 bits of a pager's address mapping into bits 30-13 of the address codeword and the lower 3 bits specifiying which codewords within a 17 codeword batch to look at for possible messages. The address space is further subdivided into 4 different message classes as specified by the function bits (bits 12 and 11 of a codeword). These address classes corrospond to different message types (for example

bits 12 and 11 both zero indicate a numeric message encoded in 4 bit BCD, whilst bits 12 and 11 both set to 1 indicate an alpha message encoded in 7 bit ASCII). It was apparently envisioned that a given pager could

have different addresses for different message types.

There are two message coding formats defined for the text of messages, BCD and 7 bit ASCII. BCD encoding packs 4 bit BCD symbols 5 to a codeword into bits 30-11. The most significant nibble (bits 30,29,28,27) is the leftmost (or most significant) of a BCD coded numeric datum. Values beyond 9 in each nibble (ie 0xA through 0xF) are encoded as follows:

0xA Reserved (probably used for something now - address extension ?)
0xB Character U (for urgency)
0xC " ", Space (blank)
0xD "-", Hyphen (or dash)
0xE ")", Left bracket
0xF "(", Right bracket

BCD messages are space padded with trailing 0xC's to fill the codeword. As far as I know there is no POCSAG specified restriction on length but particular pagers of course have a fixed number of characters in their display.

Alphanumeric messages are encoded in 7 bit ASCII characters packed into the 20 bit data area of a message codeword (bits 30-11). Since four seven bit characters are 21 rather than 20 bits and the designers of the standard did not want to waste transmission time, they chose to pack the first 20 bits of an ASCII message into the first code word, the next 20 bits of a message into the next codeword and so forth. This means that a 7 bit ASCII character of a message that falls on a boundary can and will be split between two code words, and that the alignment of character boundaries in a particular alpha message code word depends on which code word it is of a message. Within a codeword 7 bit characters are packed from left to right (MSB to LSB). The LSB of an ASCII character is sent first (is the MSB in the codeword) as per standard ASCII transmission conventions, so viewed as bits inside a codeword the characters are bit reversed.

ASCII messages are terminated with ETX, or EOT (my documentation on this is vague) and the remainder of the last message codeword is padded to the right with zeros (which looks like some number of NULL characters with the last one possibly partial (less than 7 bits)).

The documentation I have does not specify how long a ASCII message may be, but I suspect that subsequent standards have probably addressed the issue and perhaps defined a higher level message protocol for partitioning messages into pieces. The POCSAG standard clearly does seem to allow for the notion of encoding messages as mixed strings of 7 bit alpha encoded text and 4 bit BCD numerics, and it is at least possible that some pagers and paging systems use this to reduce message transmission time (probably by using some character other than ETX to delimit a partial ASCII message fragment).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.

American Fork, UT DoD#1461

3395. RI FREQS

Newsgroup: rec.radio.scanner
Date: 1994-10-06 19:29:48 UTC
From: jsaul@np.atinc.com
Message-ID: <199410061929.OAA19092@mail.cs.utexas.edu>
Source record: 267613

I am putting together a frequency list for Rhode Island. If anyone has any info they would like to add, even a single frequency, please EMAIL. I will also include information on Eastern Conn. and Southeastern Mass. if people send the info. A very basic version is posted at:

http://dice.dac.neu.edu/Homepages/paul/freqs

under Rhode.Island.frequencies. I plan to update this list periodically.

Many thanks to Paul Nash for putting together a great collection of frequency listings and mods on the Web.

Thanks in Advance

Jim

##
Jim Saul Internet: jsaul@jots1.np.atinc.com
Analysis & Technology, Inc. jsaul@cc.atinc.com
One Corporate Place Phone: (401) 849-5952 x3305
Middletown, R.I. 02842 Fax: (401) 847-6660
##

3396. Re: BC200XLT problem

Newsgroup: rec.radio.scanner
Date: 1994-10-06 19:45:43 UTC
From: <>
Message-ID: <371k57$pvk@wizard.uark.edu>
Source record: 267584

daiv@iglou.iglou.com (Daiv Stoner) writes:

>I just bought a used BC200XLT and it seems to have a problem. It won't
>receive anything. All of the functions and keys seem to work right,

<...>

>Any clues?

Just one: you got taken ...

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

3397. Re: The Optoelectronics thingy for the Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-10-06 19:53:03 UTC
From: schumann@crl.com
Message-ID: <371kiv$l6@crl.crl.com>
Source record: 267580

David Michael Moore (davidm@iglou.com) wrote:
: Okay, now its my turn to ask a question about the Optoelectronics gizmo for
: the 2006 (I forget the model number, and its too late to go hunting for the
: magazine ad :-))

: With this thing installed, can you re-organize the bank structure, or are you
: still stuck with 10 banks of 40 channels? I'd rather have 40 banks of 10
: channels. I was interested in the new Radio Shack scanner (if it ever comes
: out) that has a thousand channels, until I found out it was 10 banks of 100
: channels. A hundred banks of 10 channels would be perfect!

: David
: davidm@iglou.com

Yes you can. The channels are stored to disk and not in the 2006. After
the OS456 is installed it does not really make any difference where the
freqs are stored. You could have 100 banks with 2 channels per bank, or
10 banks with 100 channels per bank, etc.

I have one, and I think that it is worth it. Installing takes an hour or
so, so figure it an evening or weekend project.

It *really* complements the 2006.

--

James Schumann, KE6DMY
schumann@crl.com
KE6DMY @N6EEG.#NOCAL.CA.USA.NOAM

--finger for PGP

3398. Re: wx feeds for the computer

Newsgroup: rec.radio.scanner
Date: 1994-10-06 20:15:29 UTC
From: roger@peaksys.demon.co.uk
Message-ID: <71806115wnr@peaksys.demon.co.uk>
Source record: 267582

In article: <36p6qq$12o5@tequesta.gate.net> jhoaglun@gate.net (John Hoaglun) writes:
>
> I would like to find out more about how to recieve wx data on shortwave
> and how to transport that data to my computer. I know that people are
> doing it but I haven't been able to find much in the way of info.

Probably the most common form of wx data (as opposed to FAX charts) transmitted on short wave is RTTY SYNOP data. Usually tx'ed at 50 baud but sometimes 75.

It looks like group of numbers when you receive it, and there are systems available for decoding and plotting it onto map overlays. The data consists of reports form local stations - updated every 3 hours.

Some frequencies to listen on are:-

Bracknell - 4489kHz and 10551.3kHz
Hamburg Meteo - 4583kHz, 7646kHz and 11638kHz

These are all 50 baud.

ICS Electronics in the UK (+44 903 731101) can provide an excellent PC software system for decoding it. Included in the system is an interface which connects between the external speaker socket on your radio and the serial port on your PC.

Roger Barker
Boston, UK

3399. WANTED: Seattle/King Cnty FREQS

Newsgroup: rec.radio.scanner
Date: 1994-10-06 20:26:40 UTC
From: jjacobs@uswnvg.com
Message-ID: <371mi0$rbp@fred.uswnvg.com>
Source record: 267695

Does anyone have Seattle and/or King County Police
freqs they could mail me?

Thanks!

[=-=-=-

3400. Re: MVT 7100 Supplier??

Newsgroup: rec.radio.scanner
Date: 1994-10-06 20:50:52 UTC
From: habu@gate.net
Message-ID: <371nvc$1a3e@tequesta.gate.net>
Source record: 267583
Cross-posted to: rec.radio.scanner,alt.radio.scanner

jcscott@pacbell.com wrote:

: Hi Folks,
: What catalog firm(s) market the Yupiteru MVT 7100? Also, does
: anyone have the manufactures address and/or telephone number?
: I am not familiar with the unit and would like more details.
: Thanks,
: Jon

I would highly recommend Javiation in the U.K. I just bought one
a couple of weeks ago. I placed my order Monday and received my Yupi
on Wednesday. There is a place in Canada called Atlantic Hams (I think)
but there prices are a bit steep.

Javiation:Jonathan Clough
Tel:011 44 274-732146
E-mail:clough@javiation.demon.co.uk

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

3401. 800Mhz trunked

Newsgroup: rec.radio.scanner
Date: 1994-10-06 20:56:00 UTC
From: dan.nicholson@woodybbs.com
Message-ID: <93.911.7592.0NFB45DB@woodybbs.com>
Source record: 267529

The only way to decode the MDC data burst used by Motorola radios is to buy a Motorola radio as the program used to do this is propriatary to mOTOROLA AND NO ONE ELSE HAS THE same data scheme. to bad

later DAN/N0FPE

---
* Origin: The Shop ** Columbia, MO ** (314) 449-2710 ** (1:289/39)

3402. MODS FOR RS 2036

Newsgroup: rec.radio.scanner
Date: 1994-10-06 21:00:00 UTC
From: dan.nicholson@woodybbs.com
Message-ID: <93.912.7592.0NFB45DC@woodybbs.com>
Source record: 267528

DOE4S ANT ONE HAVE THE MODS FOR THE RADIO SHACK 2036 SANNING RECEIVER?

The one i have has a date code of april 94 so it was made before the new laws went in to effect and should be modifiable in some way

If you have any info drop me a note!!!

73 DAN/N0FPE

---
* Origin: The Shop ** Columbia, MO ** (314) 449-2710 ** (1:289/39)

3403. Re: Mail order Catalogs???

Newsgroup: rec.radio.scanner
Date: 1994-10-06 23:54:49 UTC
From: dayglo@mindvox.phantom.com
Message-ID: <3LTsTc3w165w@mindvox.phantom.com>
Source record: 267588

tumeke@midland.co.nz (Toby TeRupe) writes:

> Does anyone know where I could get a mail order catalogue for this sort
> of equipment? (Scanners etc?)
> Surely there must be one out there...
>

ACE Communications (800) 445-7717
Amateur Radio Supply (800) 558-0411
Tucker (800) 527-4642
Grove (800) 438-8155
Universal Radio (800) 431-3939
Ham Radio Outlet (800) 644-4476

Did I miss any? There are actually many many more out there.

I am looking for back issues of Monitoring Times.

3404. HOSSTRADERS radio tailgate fest & flea market Oct 7 & 8 NH

Newsgroup: rec.radio.scanner
Date: 1994-10-07 00:24:52 UTC
From: mc@shore.net
Message-ID: <3724gk$osh@shore.shore.net>
Source record: 267589
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,rec.collecting

Most of us here in NE are preparing for our regional New England flea market Hosstraders in Rochester NH Fairgrounds starting Friday Oct 7th at 9:00 AM! Its the best flea ever - really a big tailgate party with some good stuff cheap! Hard-core Hosstraders get there early on Friday and pay $20.00 (until 3:00PM when it drops to $5.00) to get a "good" spot to set up. There are usually some great deals on Friday. Saturday it starts at the crack of dawn and it gets pretty crowded by 10 AM. Sales are usually pretty good for those who are inclined to do so. I always have a table of stuff and right now I have many GRC-109 transmitters to find homes for. It starts to wind down around noon and people start to head out around 2. The place is empty at 4.

The Hosstraders semi-annual flea market and tailgate fest is always a real winner. It seems that almost everyone goes home happy. So if you've never been to it (it used to be at the Deerfield NH Fair Grounds abd it was called Deerfield) take a drive up I-95 to Portsmouth NH then head north on Route 16 AKA the (Captain) Spaulding Turnpike to exit 13, turn right and into the

3405. Re: The Optoelectronics thingy for the Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-10-07 00:30:40 UTC
From: Greg <gregmason@delphi.com>
Message-ID: <JW42ZSo.gregmason@delphi.com>
Source record: 267586

David Michael Moore <davidm@iglou.com> writes:

>Okay, now its my turn to ask a question about the Optoelectronics gizmo for
>the 2006 (I forget the model number, and its too late to go hunting for the
>magazine ad :-))

Its the OS456

>With this thing installed, can you re-organize the bank structure, or are you
>still stuck with 10 banks of 40 channels? I'd rather have 40 banks of 10

You can program any combination of channels per group... youre only limited
by your machines memory.

You do have to deal with the spectre of rfi from your computer after you
hook the gizmo up tho...

3406. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-07 00:35:51 UTC
From: es8m@holmes.acc.Virginia.EDU
Message-ID: <CxA1nr.7xw@murdoch.acc.Virginia.EDU>
Source record: 267591
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

It's nice to see some information on the Motorola phones but,
does anything have anything like this type of information on the
Bell South handhelds?? (5150A, etc.)

3407. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-07 01:21:45 UTC
From: tanuki@kaiwan.com
Message-ID: <3727r9$qru@kaiwan009.kaiwan.com>
Source record: 267593
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

Bruce James Robert Linley (linley@netcom.com) wrote:
: In ye olden post merlin@neuro.usc.edu (merlin) spake...
: >
: >Because cellular phones are never likely to cost less than $69.00 -- the
: >Motorola Ultra Classic M is built rock solid like a brick -- it is not a
: >throw away piece of consumer trash which will fall apart in a few years.

: But it may become obsolete if digital cellular ever takes over.
: I guess this is why US cell carriers fought to outlaw cellular-receiving
: scanners. It's cheaper to buy 'protection' for your customers than to
: redesign your system and force your customers to buy new equipment.
: <*sigh*> Listen to a radio, go to jail. What country is this?

I agree, last I heard, cordless phones were not offered the same
monitoring protection that cellulars have. Isn't a phonecall a phonecall?
I rebmember a special report on the "megabucks" the cellular companies
are losing through fraudulent telephones. While this beef is legit on
their part, the news went for a "ride-along" with the police that were
looking for illegal cell-phones. They had a box that read the ESN off
the phone and checked to see if it was legit. Another thing that was
conspicuous in their car was the scanner that was monitoring the cellular
frequencies. <sigh>

: Pagers, though, have no laws protecting then from the 'must purchase
: service contract to get this price' bullsh*t.

True, try and call one through some pay phones now in LA, its becoming
more popular for the private pay-companies to disable the DTMF pad after
connecting with another party (to cut down on drug-dealing I heard)

tanuki@kaiwan.com

3408. Re: SCANNER BAN/WIRETAP BILL

Newsgroup: rec.radio.scanner
Date: 1994-10-07 01:23:09 UTC
From: jnormandin@umassd.edu
Message-ID: <CxA3uo.AuB@umassd.edu>
Source record: 267623

In article <1994Oct4.201601.18148@lds.loral.com>, nitz@lds.loral.com (Bad News) writes:
>The Digital Telephony bill (H.R. 4922/SB 2375)recently passed the
>Senate and House Judiciary commitee. It will soon go to the floor
>of the House and Senate for a vote. This bill could make a person
>a felon if he/she:
>
> (6) knowingly and with intent to defraud uses, produces, traffics
> in, has control or custody of, or possesses_
>
> (A) a scanning receiver; or
>
> (B) hardware or software used for altering or modifying
> telecommunications instruments to obtain unauthorized
> access to telecommunications services,''.
>
>Don't count on that "intent to defraud" as a defense. The way the
>legal system often works your ownership of such a device could be
>considered as evidence of intent to defraud. Congress could also
>quietly strike that clause from Title 18 of the U.S. code and we
>might not hear a thing about it.
>
>Curiously the primary intent of this bill is summarized as follows:
>
>BILL H. R. 4922
> To amend title 18, United States Code, to make clear a
> telecommunications carrier`s duty to cooperate in the
> interception of communications for law enforcement purposes,
> and for other purposes.
>
>Like most anti-liberty laws, this one is being sold on the premise that
>it is necessary for law-enforcement and drug interdiction. It is much
>easier to rally the people if there are witches to be burned. I don't
>currently own a scanner, but I believe this law would set an ugly precident.
>If you agree, by all means please call or write your senators and representative.
>Thank you.
>---
>I only speak for me...

Thanks for your post.

According to Monitoring Times, this bill is only going to make it illeagal to clone
cell phones.

It also makes it illeagal to manufacture or import scanners capable of monitoring
cell phone (BECAUSE the SENATORS HAVE SOMETHING TO HIDE WHEN THEY ARE USING THAT

CELL PHONE)! Anyway. Mostly all hackers are capable of modifying scanners to have full unblocked coverage. My AOR AR1500 is completely open and supports .5 to 1300Mhz. No gaps full coverage. It even has a BFO to support shortwave.

I think most of us have to look out. The Constitution is getting ammended constantly and they are stripping away our rights! Before you know it the right to bear arms will be a thing of the past! ALSO SOON we will be presumed guilty until proven innocent.

It's getting scary. Too many people are busy watching television and are not into paying attention!

3409. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-07 01:26:03 UTC
From: tanuki@kaiwan.com
Message-ID: <37283b$r68@kaiwan009.kaiwan.com>
Source record: 267622
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

Lewis De Payne (lewiz@netcom.com) wrote:

: I got's news for you brudda... A reporter friend of mine (Eddie Rivera)
: will be doing a story on how some Adray's managers violate the law as far
: as Cellular Phone sales... With the reporter on the line, I called up
: an Adray's and asked for the manager. I told him I was the assistant
: manager at another Adray's in the Valley, and that I was new, my manager
: wasn't in, and I wanted to know what I could do because I've had three
: customers come in so far and buy phones from me without activation.

: He was outraged, and told me that we were losing money! Then he
: proceeded to explain how I should tell them ANYONE who calls on the
: phone that we only have one or two phones in stock, and then when
: someone comes in, if they don't want activation, pretend to go out
: into the warehouse to get their "one" phone, and come back to tell
: them that we must have just sold the last one, and the computer must
: not have been updated yet. He then proceeded to tell me that I could
: also go out to the warehouse, get a phone, open up the box, and take
: the battery and charger out. Then bring it out, open it up, and find
: the items missing - and tell the customer that it's the last one, and
: if he wants it he'll have to buy a battery and charger from us!!!!!!
: He even told me that "you don't want to make it seem like you're
: breaking the law - so always pretend to 'go check' for them, and
: act disappointed when the last one is gone"... What a jerk.

: You'll be reading about these practices in the paper...

Sounds all too familiar with me, my company did (does?) the same thing.
let me know when the story comes out, it will make some interesting reading.

: --
: cc: The Ken & Kathleen Show, FBI, LA, CA. || "Mum's the word..."
: Bruce S. Woodcock, netcom file peruser || - Justin T. Petersen
^^^^^^^^^
Why I signed up with my commercial service. But how long will that last?

3410. FRG-9600 mods

Newsgroup: rec.radio.scanner
Date: 1994-10-07 01:55:05 UTC
From: jbiddell@ozemail.com.au
Message-ID: <CxA5Bu.uM@ozemail.com.au>
Source record: 267680

I am considering buying a Yaseu FRG-9600 scanner, and was wondering if the net.knowledgable had any thoughts on this unit, its' capabilities and what modifications (if any) are available for it...

I realise that it doesn't cover the same frequencies as, say, the MVT7100, nor is it portable, but I have a love of Yaseu gear...

Jon

3411. Service For Sick PRO-43 in Houston?

Newsgroup: rec.radio.scanner
Date: 1994-10-07 01:58:34 UTC
From: dcs@dcsborg.cls.com
Message-ID: <BcZsTc1w165w@dcsborg.cls.com>
Source record: 267684

Quick synonpsis: Any good places in US or Houston, TX (preferred)
to get a sick PRO-43 out of warranty fixed?

Earlier today, while listening to my well used PRO-43 scanner
at work, we had a little accident. As I moved from one 'puter
terminal to the next, my foot hooked the power adapter cord
to my scanner, and it tumbled to the floor. This was not the
first time that this happened, but the poor scanner did not
recover! Seems the power jack is now mangled, and the antenna
jack solder snapped. The second I could fix, but I don't think
that's what is keeping it from working. It won't work with
either batteries or power adapter. Any ideas? Suggestions of
reputable folks who can fix it for me? 300 bucks for a new
one? :-)

Mucho thanks,
Dave

3412. Re: Secret Service Freqs... AM or FM?

Newsgroup: rec.radio.scanner
Date: 1994-10-07 02:12:52 UTC
From: dcs@dcsborg.cls.com
Message-ID: <6ZZsTc2w165w@dcsborg.cls.com>
Source record: 267685

baxter@kuhub.cc.ukans.edu writes:

> In article <B630wBu.gregmason@delphi.com>, Greg <gregmason@delphi.com> writes
> > Does anyone know which USSS freqs are FM and which are AM?
> >
> They're on VHF and UHF but almost entirely using DVP, so you'll hear nothing
> but white noise for most of their communications. Not too much to monitor
> anymore.

Definately not true for Houston. I think the only time I've heard
SS use DVP was during Clinton's last visit. Normal operations and
the G. Bush gang are all in the clear.

3413. Re: BC200XLT problem

Newsgroup: rec.radio.scanner
Date: 1994-10-07 02:30:45 UTC
From: mike@huikau.sh-gpl.ti.com
Message-ID: <372bsl$ci1@superb.csc.ti.com>
Source record: 267352

Daiv Stoner (daiv@iglou.iglou.com) wrote:
: I just bought a used BC200XLT and it seems to have a problem. It won't
: receive anything. All of the functions and keys seem to work right,
: but I can't even get noise by turning the squelch knob all the way up
: (or down, whatever.
[...]
: Any clues?

Yes. This unit and its little brother the 100 had a problem where the
antenna wire from the BNC connecter to it's little hole in the PC board
would come loose at the PC board. You may want to go in there and take
a look see, or better yet just re-solder the connection and the board.
Sound like you have no antenna (connection).

--
Michael Haight mike@sh-gpl.ti.com

3414. Re: A funny thing happened at Rat Shack ...

Newsgroup: rec.radio.scanner
Date: 1994-10-07 02:54:05 UTC
From: mod@world.std.com
Message-ID: <CxA827.H9B@world.std.com>
Source record: 267679

OK - enough now - right?

People, ya gotta understand; with a few exceptions (come on,
now, admit it - you HAVE encountered at least ONE knowledgeable
and cooperative RatShak employee on this planet) the rule for
RatShak is kind of like the inside-out reverse of the rule
for elected officials:

ELECTED OFFICIALS:
Under no circumstances should anybody who WANTS to hold
public office be ALLOWED to hold that office.

RATSHAK EMPLOYEES:
Under no circumstances will anybody who is knowledgable
and capable enough to understand RatShak's customers and
products ALLOW themselves to hold such a job.

Now that I've supplied y'all with the Truth (note the capital T)
you can cease and desist any further expressions of surprise
at what goes on inside yer local RatShak. Carry on...

Regards,

Michael O'Donnell mod@std.com

3415. Cordless Freq's

Newsgroup: rec.radio.scanner
Date: 1994-10-07 03:23:57 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <CxA9Fx.Dpq@freenet.carleton.ca>
Source record: 267601

Just wondering.....Are there only 10 alloted frequencies for cordless
phone use? Or do they cover any frequencies between 46 and 47 MHz?

I just wanted to know if it is quicker to scan between 46 and 47 MHz,
or just program the ten alloted freqencies? (I have ten frequencies from
my cordless, but are these frequencies universal?)

(Gee....do you think I could use the word 'FREQUENCY' any more times??) :->

Anyway , As I said, I'm just wondering.

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

3416. philadelphia scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-07 03:28:45 UTC
From: aidekman@mail1.sas.upenn.edu
Message-ID: <372f9d$khp@netnews.upenn.edu>
Source record: 267682

I'm in Philadelphia and I'm wondering if there's anything interested or different that anyones found to listen to here.

--
Dave Aidekman
aidekman@sas.upenn.edu

3417. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-07 04:06:31 UTC
From: tls@gate.net
Message-ID: <372hg7$11eg@tequesta.gate.net>
Source record: 267595
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

Robert Worne (tanuki@kaiwan.com) wrote:

: I agree, last I heard, cordless phones were not offered the same
: monitoring protection that cellulars have. Isn't a phonecall a phonecall?

True now, but probably will change. The digital telephony bill in
Congress now (H.R. 4922) will add the same prohibition against
intercepting cordless telphones as ECPA added for cellular phones.

3418. Re: PRO-2026 LOST FREQS

Newsgroup: rec.radio.scanner
Date: 1994-10-07 05:09:26 UTC
From: coyote@fx.net
Message-ID: <372l66$107@world.fx.net>
Source record: 267603

Netter232 (netter232@aol.com) wrote:
: In article <9407280650.09LSN00@chrysalis.org>, jeff.wright@chrysalis.org
: writes:

: I got up this morning, went to my truck and turned on the 2026, and
: it had lost all of its stored channels.

: Yes, I have had the same problem. I have taken 2 of these scanners back to
: Radio Shack and they have replaced them with new ones off the shelf
: (knowing the manager helps!), but they all seem to have the same problem
: intermittently. My current one has again lost all freqs. I am having some
: success to tracing it to things such as starting the vehicle accidentally
: with the headlights on, or cold weather, etc. But even this is not proving
: consistent, I plan to wire direct to my auxillary battery and bypass the
: cars system all together and see if this helps. As with all intermittent
: problems it is very frustrating.
: BTW this is the later model scanner. Any additional info on this problem
: would be appreciated. Please email to 73631.3327@compuserv.com

: Thanks!

You may have had the program button pushed instead of the manual
button. The radio acts the same in both modes, so this is not readily
apparent unless you look close (hard to see when you are driving down the
road). If you kill the power when it is in the program mode, zap!...
they're gone!. This happened to me and it had me stumped for a good while.
Till later, Si B.

3419. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-10-07 05:23:54 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct7.052354.27500@hpcvaac.cv.hp.com>
Source record: 267608

tfoecke@nist.gov (Tim Foecke) writes:
: >
: > I understood you just fine. I just don't think that the FCC would allow
: > such an easy way to defeat the lockout.
: >
: Why not?? They "allowed" such a stupidly easy to restore "forbidden"
: frequencies
: in the Pro 2006. Do you really think that they are in the business of
: taking the time
: to check every possibility of every scanning receiver, and then telling
: the manufacturers
: that they have not gone far enough in locking out the frequencies? I think not.

That was before the ECPA. Note that, when it was found that a particular
RS scanner could have cellular restored by clipping a wire - RS was required
to pull it form the shelves.

They cannot check every possibility, which is why they missed the programmable
"test mode". But, it is trivial for them to pull type certification - leaving
the manufacturer with a stock of radios that can no longer be legally sold in
the US. As such, they do not have to test the radios.

If you checked with the manufacturer, you would find that no 2006 scanners
have been manufactured since last April, unless there is a version that is
not easily modifiable.

I suspect that the manufacturers will go the easy route and, on new models,
simply lock out the cellular frequencies on all radios - no matter which
country for which they are meant.

Bill

3420. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-10-07 05:27:17 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct7.052717.27566@hpcvaac.cv.hp.com>
Source record: 267609

domonkos@access.digex.net (Andy Domonkos) writes:
: In article <1994Oct6.015124.24634@hpcvaac.cv.hp.com>, bill nelson wrote:
: >
: > I understood you just fine. I just don't think that the FCC would allow
: > such an easy way to defeat the lockout.
: >
: > Bill
:
: Replacing the ROM is not easy for the average hacker...
:

But, that is NOT what the ECPA states. It simply says easily modifiable.
Replacing a ROM or PROM is easy, for a technician or average electronics
experimenter. Thus, such a scanner would be banned - as soon as the FCC
found out about it.

Now, I have no idea what they would do about a CPU with the band locked
out in ROM on the chip, but with a replacement CPU available as a repair
part from another country. Whether they would consider this to be an
easy mod will not be known until some manufacturer tries this method.

Bill

3421. Re: SCANNING THE ROAD

Newsgroup: rec.radio.scanner
Date: 1994-10-07 05:31:07 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct7.053107.27776@hpcvaac.cv.hp.com>
Source record: 267610

glenn.johnson@chrysalis.org writes:
:
: just as a side note -
: I know of a way to 'block out' the new ladar (laser radar)
: It was published in 'photonics' magazine....
:
: Let me know if you're interested.

I am interested, as I am sure others are. However, I doubt if their method is actually useful. Post it, and we will see.

Bill

3422. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-07 05:40:51 UTC
From: merlin@neuro.usc.edu
Message-ID: <372n13$q6o@neuro.usc.edu>
Source record: 267683
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

>: I agree, last I heard, cordless phones were not offered the same
>: monitoring protection that cellulars have. Isn't a phonecall a phonecall?
>True now, but probably will change.

California already has state laws against intercepting telephone calls
made over unencrypted radio links including cordless telephone frequencies.

3423. Cellular Telephone Microprocessor Types ???

Newsgroup: rec.radio.scanner
Date: 1994-10-07 05:52:02 UTC
From: merlin@neuro.usc.edu
Message-ID: <372nm2$q88@neuro.usc.edu>
Source record: 267686
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

Do any cellular telephones come with relatively standard microprocessors where datasheets describing instruction sets and/or development tools (a debugger, assembler, eprom burner, in circuit emulator) might be available to facilitate disassembly, rewriting, assembly & installation in perhaps minimally modified cellular telephone? Motorola 68HC11, Intel 8051, etc.

3424. Re: DMX Digital Music Express

Newsgroup: rec.radio.scanner
Date: 1994-10-07 06:56:51 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Oct6.225651.4663@cmkrnl>
Source record: 267604

In article <Cx8B38.Eov@iat.holonet.net>, bcorson@iat.holonet.net (Berton M Corson) writes:
> Does anyone know if it is possible to listen to this stuff on
> my RS-2006 scanner (in mono of course)? What frequencies would they
> be sitting at? Would a coax to BNC converter just do, to lead the
> cable system's signal into the scanner? I'm wondering if the whole
> thing is digital, being transmitted through the cable system, which
> would make listening this way impossible.

No, the whole thing is digital. Forget trying to listen to it with your
scanner (any scanner).

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

3425. TR-2400

Newsgroup: rec.radio.scanner
Date: 1994-10-07 08:39:32 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3731g5$q1m@tiger1.ocs.lsu.edu>
Source record: 267607

I just bought a Trident TR-2400 hand scanner from ACE Communications.
It's a nice wide range unit: 100khz - 2060mhz with only the cellular
range locked out. Does anyone have any information on this scanner
and how one might re-activate the 800mhz block, if one so desired?

Also, I'm interested in finding out what the actual shuttle to ground
frequencies (and vice versa) for NASA. I think I heard it was in the
220-400mhz range, but also somewhere in the S-BAND. Where is that?

thanks
dave

3426. Re: BC200XLT problem

Newsgroup: rec.radio.scanner
Date: 1994-10-07 10:51:12 UTC
From: jcarter@orl.mmc.com
Message-ID: <373970$nrk@theopolis.orl.mmc.com>
Source record: 267615

In article pvk@wizard.uark.edu, plaws@comp..uark.edu (Peter Laws) writes:
/daiv@iglou.iglou.com (Daiv Stoner) writes:
/
/>I just bought a used BC200XLT and it seems to have a problem. It won't
/>receive anything. All of the functions and keys seem to work right,
/
/<...>
/
/>Any clues?
/
/Just one: you got taken ...
/
/
/Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
/n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

I had that same problem with mine!!! BearCat Quality or design problem?

There's a regulator on one of the boards that smoked. It's a surface
mount part so you will have to send it in for repair. The cost for that
repair is about $45.00 + shipping.

Jim

o o ooo o o ooo oo o o | James A. Carter | Jcarter@orl.mmc.com
o o o o o o o o o oo o | MARTIN MARIETTIA | FCC Lic. KD4PON
o o o o o o o o o o o o | Electronics & | These views are my own and
o o o o oooo ooo o o o oo | Missiles Division | not that of my employer.
o o o o o o o o o oo | Orlando, Florida |
o o ooo o o oo o o | 32855 | Thanks Jim

3427. Re: POCSAG code help wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-07 10:51:32 UTC
From: ott@anubis.kbfi.ee
Message-ID: <37397k$8d7@kadri.ut.ee>
Source record: 267612

Rick Christian (rccons!rec@telerama.lm.com) wrote:
: Hello ott@anubis.kbfi.ee!

[... deleted]

: The interested reader is advised that at least two of Universal
: Shortwave's RTTY reading devices (the M8000 and the new C-400) are
: capable of reading at least the older 512 baud version of POCSAG paging,
: so commercial devices for this purpose are currently being sold in
: the USA.

Look what I got with my self-made equipment:

```
0009D0 00 5B 5B 5B 5B DB AF 55-55 55 55 55 55 55 55 55
0009E0 55 55 55 55 55 55 55 55-55 55 55 55 55 55 55 55
0009F0 55 55 55 55 55 55 55 55-55 55 55 55 55 55 55 55
000A00 55 55 55 55 55 55 55 55-55 95 96 A8 C3 45 07 BA
000A10 45 07 BA 45 07 BA 45 07-FA 5F 9F FD 87 38 D6 F1
000A20 96 A8 E3 38 07 B7 38 0E-B7 87 38 AA 0E 38 0F 71
000A30 0E 6E 38 0E B7 9F 09 DD-36 0E 52 E7 1C C7 10 38
000A40 1F 13 38 D7 F5 38 6F 75-38 8E E0 96 A8 23 87 78
000A50 36 38 8F 4D 09 00 EB 45-30 FF AF 76 98 AF F6 98
000A60 FF 00 FF FF EF F7 FC E7-FC 07 DB FF AB 8E 7F F9
000A70 D8 23 D4 BF 86 58 90 E3-80 FF C2 16 43 C7 E0 0C
000A80 52 36 3D E5 DE D2 32 FE-8F 02 10 00 65 99 9A 85
000A90 79 CF EC EE D7 69 68 3C-DB 74 6C 22 B2 51 1E C7
000AA0 C0 60 06 01 70 25 6E DF-E5 DF 07 CD 32 E1 1A E6
000AB0 DB 8C 05 A1 8F 0F A6 78-B0 07 7E 07 32 87 12 66
000AC0 07 3B D4 C4 F8 21 E3 A4-89 93 E8 FF 4F 4C B7 99
000AD0 48 01 32 67 2C D2 FA 0F-32 33 52 72 F0 CA 90 24
000AE0 D0 A6 BF 32 84 0D E0 81-EB 4D 12 78 2B B7 17 83
000AF0 42 F5 B2 D0 CE 0F BD FF-A7 10 61 81 19 1D 60 38
000B00 CF 3E 2C FD FF 3B 39 90-2C 65 B2 F0 B0 3C FA 6F
000B10 A0 06 DF AE F8 CF 08 B2-26 20 0F 5D D0 3E 08 CF
000B20 46 90 BE B7 18 0A DC 5A-32 04 C0 31 DB 07 00 5B
000B30 5B 5B 5B 5B FF 4B 4B 4B-4B 4B 4B 4B 4B FB 55
```

This is POCSAG 1200 message, started by 55 55 (01010101) preamble and the message body. It is easy to receive that data. All you have to do is to connect the output of standard pager receiver output (no matter, numeric or alpha) to RS-232 serial card input. Note that signal levels are different. RS-232 requires +-12V, pager receiver gives output of ~1.5 V. This is sufficient for TTL input. The easiest to obtain this signal is to take an ordinary computer I/O card and cut PCB wire between the voltage converter and serial receiver input.

OK. Hope I can decode this message.

Regards,
Ott Ko"stner

3428. 10-Codes Needed!

Newsgroup: rec.radio.scanner
Date: 1994-10-07 12:22:13 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.nwugate.fidonet.org>
Message-ID: <781557896@f747.n115.z1.ftn>
Source record: 267571

-=> Quoting Christopher M Grawburg to All <=-

CMG> Would someone please email me a copy of the US 10-codes. I've lost the
CMG> list I had of them!

Hi, Chris...
The problem with 10 codes in the US is that they are not the same across
the United States. Some depts use the codes differently than another dept.
10-1 in one area may mean good signals and could mean a fight in progress
in another area.

If you could be more specific in what dept or state you are in, you may
get more accurate responses. :)

Take it EZ...Jerry

3429. Re: SCANNER BAN/WIRETAP BILL

Newsgroup: rec.radio.scanner
Date: 1994-10-07 12:58:56 UTC
From: av378@FreeNet.Carleton.CA
Message-ID: <CxB028.5sy@freenet.carleton.ca>
Source record: 267721

In a previous article, jnormandin@umassd.edu (JERRY NORMANDIN) says:

>In article <1994Oct4.201601.18148@lds.loral.com>, nitz@lds.loral.com (Bad News) writes:
>>The Digital Telephony bill (H.R. 4922/SB 2375)recently passed the
>>Senate and House Judiciary commitee. It will soon go to the floor
>>of the House and Senate for a vote. This bill could make a person
>>a felon if he/she:
>>
>> (6) knowingly and with intent to defraud uses, produces, traffics
>> in, has control or custody of, or possesses_
>>
>> (A) a scanning receiver; or
>>
>> (B) hardware or software used for altering or modifying
>> telecommunications instruments to obtain unauthorized
>> access to telecommunications services,''.
>>
>>Don't count on that "intent to defraud" as a defense. The way the
>>legal system often works your ownership of such a device could be
>>considered as evidence of intent to defraud. Congress could also
>>quietly strike that clause from Title 18 of the U.S. code and we
>>might not hear a thing about it.
>>
>>Curiously the primary intent of this bill is summarized as follows:
>>
>>BILL H. R. 4922
>> To amend title 18, United States Code, to make clear a
>> telecommunications carrier`s duty to cooperate in the
>> interception of communications for law enforcement purposes,
>> and for other purposes.
>>
>>Like most anti-liberty laws, this one is being sold on the premise that
>>it is necessary for law-enforcement and drug interdiction. It is much
>>easier to rally the people if there are witches to be burned. I don't
>>currently own a scanner, but I believe this law would set an ugly precident.
>>If you agree, by all means please call or write your senators and representative.
>>Thank you.
>>---
>>I only speak for me...
>
>Thanks for your post.
>
>According to Monitoring Times, this bill is only going to make it illeagal to clone
>cell phones.

>
>It also makes it illeagal to manufacture or import scanners capable of monitoring
>cell phone (BECAUSE the SENATORS HAVE SOMETHING TO HIDE WHEN THEY ARE USING THAT
>CELL PHONE)! Anyway. Mostly all hackers are capable of modifying scanners to
>have full unblocked coverage. My AOR AR1500 is completely open and supports
>.5 to 1300Mhz. No gaps full coverage. It even has a BFO to support shortwave.
>
>I think most of us have to look out. The Constitution is getting ammended
>constantly and they are stripping away our rights! Before you know it
>the right to bear arms will be a thing of the past! ALSO SOON we will be
>presumed guilty until proven innocent.
>
>It's getting scary. Too many people are busy watching television and are not
>into paying attention!
>
>
Do either of you, or anyone else reading this, know the exact definition in
these statutes of the word "import"? We Canadians are interested as we
are concerned that when we visit the U.S. with our cellular capable
scanners we may be "importing" them, even though we are only bringing them
into the U.S. for our own use and temporarily at that. As a lawyer, I
have access to some U.S. law databases, but do not have access to the
statutes about which you are writing, nor to the U.S. Customs legialation
which, no doubt, defines "importing". Thanks for your help.

3430. Digital music express

Newsgroup: rec.radio.scanner
Date: 1994-10-07 13:49:56 UTC
From: dale.burmester@njackn.com
Message-ID: <9410070849.0CEOU00@njackn.com>
Source record: 267620

On 10-06-94 07:12, Berton M Corson stated:

>Does anyone know if it is possible to listen to this stuff on
>my RS-2006 scanner (in mono of course)?
> ...
>I'm wondering if the whole
>thing is digital, being transmitted through the cable system, which
>would make listening this way impossible.

Bingo! DMX stands for _Digital_ Music eXpress. The 30 audio channels we get in Madison, WI are digitally compressed into two video channels. Sorry, but the only way to get DMX is to get the DMX decoder. BTW, you'd be missing the point by receiving DMX in mono on a scanner, since it's CD quality music.

3431. Pop Comms for Sale

Newsgroup: rec.radio.scanner
Date: 1994-10-07 14:16:46 UTC
From: bongik@lemma.math.rpi.edu
Message-ID: <373l8e$m88@usenet.rpi.edu>
Source record: 267621

Howdy all,
Here is a list of Pop Comms I am selling:

'83 Mar. - Dec.
'84 Jan. - Dec.
'85 Jan. - Apr., June, Sept.
'86 Jan. - Mar., May - Aug., Dec.
'87 Dec.
'88 Feb. - Dec.
'89 Jan. - Sept., Dec.
'90 Jan., Aug. - Dec.
'91 Jan. - Sept.

All are in pretty good shape and IMHO contain excellent articles on scanning
(and radio listening in general). I'll sell them all or singly or however.

Go ahead.......make an offer....

p.s.: If you need more specific info about a particular issue, just ask.

--


```
_____________________________________________________________________________
;B'''''';;,, |bongik@rpi.edu | >>PGP Key : under installation<<
''o'''K'''';, | (KB2KTO) | Those willing to give up a little
; n'''''e'';; ~~~ ~~~ ~~ ~~ ~~ \\ * freedom for a little security,
|?g''''''v''; ~ ~~ *~~ ~~ ~~ [HH]>- Lose both and deserve neither.
|'?'i'''''''';, ~~~* ~~ ~~~ ~~ // * -Ben Franklin
|'/?'o'''''i'; * * X-------X
;''?"''v''''''; * * |X: ,X|
;;'?';---;'a'''n; * |`:.-.:'|
;?''; ;'n'''; * * * * | (o,o) |
;'?; / ;'n';; * * |,:|_|:.|
\?;?// ;i; An open mind has no boundaries. * |X: :X|
\\?///_____________________________________________________X_______X______
```

3432. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-10-07 15:07:48 UTC
From: domonkos@access.digex.net
Message-ID: <QOLbkiubGsRM066yn@access.digex.net>
Source record: 267700

In article <1994Oct7.052354.27500@hpcvaac.cv.hp.com>, bill nelson wrote:
>
> I suspect that the manufacturers will go the easy route and, on new models,
> simply lock out the cellular frequencies on all radios - no matter which
> country for which they are meant.
>
> Bill

That'll never happen. Market dictates type of radio sold to target country.
Contrary to popular opinion, the U.S. market does not dictate international
market directions. The Japanese manufacturers justify separate inventories
for different markets based on profit. It already happens in the communications
transciever market, starting with simple radios like CB's.

Andy

3433. Re: Where to get a 2004 fixed ?

Newsgroup: rec.radio.scanner
Date: 1994-10-07 15:08:03 UTC
From: domonkos@access.digex.net
Message-ID: <aULbkiubG2x8066yn@access.digex.net>
Source record: 267701

In article <1994Oct6.091602.11586@grian.cps.altadena.ca.us>, Mike Morris wrote:
> I've got a very numb Pro-2004. It was fine in January, it was packed
> away, and is numb upon unpacking.
>
> I took it to RS and the estimate came back "Replace receiver board".
> Sounds to me like somebody is working at a peicework rate. I understand
> that sometimes swapping the board is the only solution - but I'd rather
> get a second opinion.
>
> Any pointers to a good shop in the L.A. basin would be appreciated.
>
>
> --
> Mike Morris WA6ILQ | All opinions must be my own since nobody pays
> PO Box 1130 | me enough to be their mouthpiece...
> Arcadia, CA. 91077 |
> ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

It is often cheaper to replace the suspect board than to spend hours of
labor trouble shooting it. How much did they want for the whole repair?

Andy

3434. Re: cheap 200xlt

Newsgroup: rec.radio.scanner
Date: 1994-10-07 15:08:12 UTC
From: domonkos@access.digex.net
Message-ID: <OWLbkiubGMwM066yn@access.digex.net>
Source record: 267702

In article <370t5f$9ad@xsa09.gl.umbc.edu>, kowitt shai wrote:
>
> I was wandering if the uniden 200XLT or the uniden BC2500XLT in the last
> damark catalog, listed as factory serviced, could have been modified in the
> factory to be unmodifiable? Or is RS the only one that is changing its models
> that way (like the 'A' in the 43). And would you trust an item that
> was 'factory serviced' more than a new product, since they were inspected
> better?!? the second time they left the factory. It's just that the factory
> service models are marked about $40 less than the new ones, and I was wandering
> if it is worth the risk of getting 'factory serviced' merchandise, especially
> with all the new FCC rules coming out.
>
> -Shai Kowitt
> skowit1@umbc.edu
>
>
>
>
>
Factory service units are normally in perfect cosmetic/electronic condition
and may be your best bet to getting 800Mhz restorable scanners at a
reasonable price. I've purchased a few Damark factory serviced products
including the BC350A mobile scanner and have been very pleased.

Andy

3435. Re: SCANNER BAN/WIRETAP BILL

Newsgroup: rec.radio.scanner
Date: 1994-10-07 15:08:39 UTC
From: domonkos@access.digex.net
Message-ID: <jYLbkiubGI76066yn@access.digex.net>
Source record: 267703

In article <371cue$9rq@crl.crl.com>, Mickey R Henniger wrote:

>
> The bill passed the house. The senate is next...
>
> Mick

Surprise, surprise. GAT is next. I hear that next year they're planning to ban the Constitution...

Andy

...like they said in 'Nam; "It don't mean nothin'..."

3436. Re: SCANNER BAN/WIRETAP BILL

Newsgroup: rec.radio.scanner
Date: 1994-10-07 15:08:56 UTC
From: domonkos@access.digex.net
Message-ID: <obLbkiubGUQ7066yn@access.digex.net>
Source record: 267704

In article <CxA3uo.AuB@umassd.edu>, JERRY NORMANDIN wrote:

.....
>
> I think most of us have to look out. The Constitution is getting ammended
> constantly and they are stripping away our rights! Before you know it
> the right to bear arms will be a thing of the past! ALSO SOON we will be
> presumed guilty until proven innocent.
>
> It's getting scary. Too many people are busy watching television and are not
> into paying attention!
>

That's because 'they' are telling us that everything is 'warm and comfy' all
the time on the network news. I laughed yesterday when the Clinton
administration was quoted as saying 'the economy is just about 'busting''.

3437. Re: BEARCAT 8500XLT - How is it?

Newsgroup: rec.radio.scanner
Date: 1994-10-07 15:09:16 UTC
From: domonkos@access.digex.net
Message-ID: <TeLbkiubGgf6066yn@access.digex.net>
Source record: 267705

In article <371a9n$suh@news.halcyon.com>, LaConner Third Grad wrote:
> I'm considering purchasing a BC 8500XLT. I've been
> following this newsgroup for a couple of weeks but haven't
> seen in messages about it. I'm not interested in the
> cell phone freq's or doing any other mods on the unit.
>
> One other question: Does Canada have the same restrictive
> laws on scanners that the U.S. does? I.e., do scanners
> get shipped to Canada that are currently illegal in the
> U.S. ?
>
> Thanks!
>
It has been discontinued due to non-correctable performance problems. If you want similar features w/out the alpha numeric display the 890XLT works well, but is only dual conversion. Better yet, get a Pro 2006 if you can find one.

Andy

3438. Pro 43 on sale/ Price protection plan

Newsgroup: rec.radio.scanner
Date: 1994-10-07 15:09:28 UTC
From: domonkos@access.digex.net
Message-ID: <gqLbkiubGMFK066yn@access.digex.net>
Source record: 267706

For those who don't already know, RS has their Pro-43's on sale for $300, $50 off their usual price. I bought mine (modifiable) full price 2 weeks ago and they have a 30 day price protection plan; they refunded me the difference.

Andy

3439. WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-07 15:30:49 UTC
From: hutchine@river.it.gvsu.edu
Message-ID: <373pj9$600@news.it.gvsu.edu>
Source record: 267699
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

I am looking to purchase a CHEAP, USED radar gun...X or K band
is not important. Wanted to take surveys in the area for school project.
Any suggestions for a inexpensive gun would be appreciated. So did up
all those boxes and look for a radar gun in your junk boxes...Please
reply to personal E-mail...Thanks in advance...

-=> Eric <=-

--
=-=
= Eric M. Hutchinson - N8XHP Grand Valley State University =
= * HAZMAT * Allendale, Michigan * BLS/CPR * =
=-=-=-=-=-=-=-=-=-=-=-=hutchine@river.it.gvsu.edu-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=

3440. Re: PRO-51 AIR/FIRE/MARINE

Newsgroup: rec.radio.scanner
Date: 1994-10-07 15:47:04 UTC
From: moy@xp.psych.nyu.edu
Message-ID: <9410071552.AA14073@xp.psych.nyu.edu>
Source record: 267710

: jsaul@np.atinc.com (Jim Saul) transmitted,

]
]Does anyone know the exact frequencies scanned in the air fire and marine
]scan modes?
]
]
]Thanks in Advance
]
]Jim

Whew! Here are the frequencies covered by my PRO-51's preset "bands."
Oh well, I had to type it out at some point anyway, since this
information doesn't seem to be documented. The service manual doesn't
mention them either. Assume that these specs (like all others) are
probably subject to change without notice. NOTICE that the "Air" band
includes the DOCUMENTED birdie frequencies, 113.850, 124.200, and
134.550MHz instead of skipping them--Duuuhhhh! Maybe there are
supposed to be birdies in the AIR... :^D

Band 1 "AIR"

108.000-136.975MHz AM @12.5kHz

Band 2 "FIRE"

33.020-33.100MHz @20kHz
33.420-33.980 @20kHz
33.020
33.640
35.680
37.900-37.980 @40kHz
43.640-43.880 @40kHz
45.920-46.000 @40kHz
46.040-46.500 @20kHz
47.420-47.660 @40kHz
150.775
150.790
152.010
153.770-154.130 @60kHz
154.145-154.445 @15kHz
155.160-155.235 @15kHz
155.265-155.295 @15kHz
155.325-155.355 @15kHz
155.385
155.400

157.450
163.250
166.250
170.150
453.050-453.950 @50kHz
458.025-458.175 @25kHz
458.200-458.950 @50kHz
460.525-460.625 @25kHz
462.950-463.175 @25kHz
465.525-465.625 @25kHz
467.950-468.175 @25kHz

Band 3 "MARINE"

156.025-156.800MHz @25kHz
156.850-157.425 @25kHz
160.625-160.875 @25kHz
160.925-160.950 @25kHz
161.500-162.025 @25kHz

Band 4 "WX"

162.400-162.550 @25kHz

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

3441. Re: Cordless Freq's

Newsgroup: rec.radio.scanner
Date: 1994-10-07 16:27:06 UTC
From: shawn4sk1@aol.com
Message-ID: <373ssq$sct@newsbf01.news.aol.com>
Source record: 267716

There are only 10 between that range- faster to scan just the 10, forget the rest...

soliver@ozarks.sgcl.lib.mo.us

3442. Re: For Sale: PRO-43 (NEW)

Newsgroup: rec.radio.scanner
Date: 1994-10-07 16:27:29 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-071094092858@earl.llnl.gov>
Source record: 267715

The PRO-43 has been sold.

Gary

3443. Re: PRO-51 AIR/FIRE/MARINE

Newsgroup: rec.radio.scanner
Date: 1994-10-07 16:28:29 UTC
From: Gary.Bennett@SEN.CA.GOV
Message-ID: <1994Oct7.082829.671@sinet.sen.ca.gov>
Source record: 267707

In article <199410061427.JAA03920@cs.utexas.edu>, jsaul@np.atinc.com (Jim Saul) writes:
> Does anyone know the exact frequencies scanned in the air fire and marine
> scan modes?
>
>
> Thanks in Advance
>
> Jim

TO determinre which frequencies, open the squelch -then step up or down
through the chosen band. You will be performing a typical directory search,
but stopping at every frequency.>
> ##
> # Jim Saul Internet: jsaul@jots1.np.atinc.com #
> # Analysis & Technology, Inc. jsaul@cc.atinc.com #
> # One Corporate Place Phone: (401) 849-5952 x3305 #
> # Middletown, R.I. 02842 Fax: (401) 847-6660 #
> ##
>
>
>

3444. Mods. for RS Pro-2024

Newsgroup: rec.radio.scanner
Date: 1994-10-07 16:33:04 UTC
From: cjordan@nr.infi.net
Message-ID: <cjordan-0710941133040001@h-ariel.nr.infi.net>
Source record: 267709

Does anyone know of any mods. for the Radio Shack Pro-2024 and at what ftp site that they would be located?

--
Calvin A. Jordan

3445. Re: The Optoelectronics thingy for the Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-10-07 16:47:52 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.305.1350CFFC@CCCS.UMN.EDU>
Source record: 267713

In article <6MuakK7gXz-2072yn@iglou.com> davidm@iglou.com (David Michael Moore) writes:
>From: davidm@iglou.com (David Michael Moore)
>Subject: The Optoelectronics thingy for the Pro-2006
>Date: Thu, 6 Oct 1994 05:05:10 GMT

>Okay, now its my turn to ask a question about the Optoelectronics gizmo for
>the 2006 (I forget the model number, and its too late to go hunting for the
>magazine ad :-))

Its the Opto 456.

>With this thing installed, can you re-organize the bank structure, or are you
>still stuck with 10 banks of 40 channels? I'd rather have 40 banks of 10
>channels. I was interested in the new Radio Shack scanner (if it ever comes
>out) that has a thousand channels, until I found out it was 10 banks of 100
>channels. A hundred banks of 10 channels would be perfect!

The 456 doesn't use the 2006 memories at all, so you could write your own
software to organize frquencies in any way that you want. I'm not sure
what options are implimented in the software that ships with the 456. On
the down side, you can't stuff frequencies into the 2006 memories since
the 456 essentially takes the 2006's computer side off-line when it the
software starts up.

--rick

+---+
| Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
| Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |
| Cancer Screening Trial voice: (612) 627-4151 |
| University of Minnesota fax: (612) 627-4158 |
| 212 Ontario St SE, Suite 202 |
| Minneapolis, MN 55414 |
+---+

3446. Re: SCANNING THE ROAD

Newsgroup: rec.radio.scanner
Date: 1994-10-07 17:08:07 UTC
From: max@alphanet.demon.co.uk
Message-ID: <781549687snz@alphanet.demon.co.uk>
Source record: 267530

In article <9410052220.0VE8N04@chrysalis.org>
glenn.johnson@chrysalis.org writes:

> just as a side note -
> I know of a way to 'block out' the new ladar (laser radar)
> It was published in 'photonics' magazine....
>
> Let me know if you're interested.
>

I'm interested.

--
Max France.

3447. GRE Super Amplifier ...

Newsgroup: rec.radio.scanner
Date: 1994-10-07 17:17:02 UTC
From: domonkos@access.digex.net
Message-ID: <J7ObkiubGcCR066yn@access.digex.net>
Source record: 267719

Anyone have any experience using the GRE Super Amplifier 100Mhz - 1000Mhz preamplifier? I just installed the RS thru-the-glass scanner antenna and the performance lags the magmount antenna I was using. I'm thinking about installing the GRE Super Amplifier in-line to make up for any losses in the thru-glass system. Anyone have any similar experience (how much noise was added, did it make a significant improvement)? Thanks.

Andy

3448. Radio Shack sells it ALL!

Newsgroup: rec.radio.scanner
Date: 1994-10-07 17:19:06 UTC
From: shawn4sk1@aol.com
Message-ID: <373vua$t6b@newsbf01.news.aol.com>
Source record: 267718

I got my RS paper sales flyer (with no bargains on scanners in it of course) today and just wanted to mention page 12 at the bottom:

"Personal security wand now available to consumers. Ideal for detecting concealed weapons in public buildings, courtrooms, schools, nightclubs, etc. Responds to all kinds of metal with audible alarm and lighted LED indicator. $99.99"

Pretty funny. I could just see me taking one of these out on a date... "Mind if I bring my metal detector to the club tonight honey? I don't wanna be caught dead with my pants down in the bathroom, ya know?"

<snicker, snicker> :-)

soliver@ozarks.sgcl.lib.mo.us

3449. Re: Digital music express

Newsgroup: rec.radio.scanner
Date: 1994-10-07 17:38:20 UTC
From: vhealey@crl.com
Message-ID: <vhealey.91.0011A40A@crl.com>
Source record: 267527

In article <9410070849.0CEOU00@njackn.com> dale.burmester@njackn.com writes:
>From: dale.burmester@njackn.com
>Subject: Digital music express
>Date: Fri, 07 Oct 94 08:49:56 -0500

>On 10-06-94 07:12, Berton M Corson stated:

>>Does anyone know if it is possible to listen to this stuff on
>>my RS-2006 scanner (in mono of course)?
>> ...
>>I'm wondering if the whole
>>thing is digital, being transmitted through the cable system, which
>>would make listening this way impossible.

>Bingo! DMX stands for _Digital_ Music eXpress. The 30 audio channels
>we get in Madison, WI are digitally compressed into two video channels.
>Sorry, but the only way to get DMX is to get the DMX decoder. BTW,
>you'd be missing the point by receiving DMX in mono on a scanner, since
>it's CD quality music.

Hey this is the stuff on those two foot dishs they just started selling. How much is a DMX decoder?

Anyone here buy into ther DSS Sat system yet? If so how do you like it?

Vic

3450. Re: Cordless Freq's

Newsgroup: rec.radio.scanner
Date: 1994-10-07 18:04:40 UTC
From: tharrell@opus.nmsu.edu
Message-ID: <3742jo$6ri@dns1.NMSU.Edu>
Source record: 267681

Robert E. Edmunds (az342@FreeNet.Carleton.CA) wrote:
: Just wondering.....Are there only 10 alloted frequencies for cordless
: phone use? Or do they cover any frequencies between 46 and 47 MHz?

: I just wanted to know if it is quicker to scan between 46 and 47 MHz,
: or just program the ten alloted freqencies? (I have ten frequencies from
: my cordless, but are these frequencies universal?)

: (Gee....do you think I could use the word 'FREQUENCY' any more times??) :->

You use the word "frequency" with great frequency. :)

Anyway, just program in those ten frequencies...that's all there is (in
that band, anyway).
--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\--/

3451. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-07 18:17:27 UTC
From: david_wolfe.d041#u#mailbox@star9gate.mitre.org
Message-ID: <david_wolfe.d041#u#mailbox-07109414172700001@dk-wolfe.mitre.org>
Source record: 267720

In article <Cx8I0t.8Du@nucleus.com>, rbailey@nucleus.com (Rob Bailey) wrote:

> Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
> : Actually, it's 25MHz-2000MHz (except for 800-900 if it's a newer unit)
> : ^ ^
> : 2000mHz would be, well, interesting?
>
>
> Slightly anal retentive, huh?
>
> Rob...

The 800-900 gap not only removes cell phone, it also prevents monitoring
the new 850 +/- MHz public safety frequencies. My city operates their
fire and police on that band. sure glad I have the older ICOM R-7000

K1AGE

--
opinions expressed are mine alone

3452. 760-XLT Audio Mod

Newsgroup: rec.radio.scanner
Date: 1994-10-07 18:47:24 UTC
From: scotto@ipars.sds.com
Message-ID: <CxBG71.Bov@ipars.sds.com>
Source record: 267689

Does anyone have an audio modification for the 760-XLT? I'm specifically looking for a less-"tinny" sound. I already installed an external speaker, a spare Motorola, and that helped a lot.

I'd also like modification info to install a COR. At least the connection point as I'd like to install an LED for carrier indication.

Thanks in advance.
--

Scott O'Connell
Spectrum Data Services
scotto@sds.com

3453. help locating licensee for freq. in Atlanta area

Newsgroup: rec.radio.scanner
Date: 1994-10-07 19:41:47 UTC
From: chinatti@flagstaff.Princeton.EDU
Message-ID: <1994Oct7.194147.3584@Princeton.EDU>
Source record: 267724

I was wondering if anyone has access to the FCC database for Georgia. I
am trying to locate which paging carrier in the Atlanta area is licensed
for 931.5625. I have a friend who is moving into the area, and he
would like to use his pager down there, and he is trying to locate
the company which operates on that frequency (if indeed there is one).
If anyone has access to this information, either through the FCC
database or other means, I would appreciate an e-mail.

Thanks in advance,
Steve
--
Steve Chinatti, EMT
old: chinatti@tucson.Princeton.EDU preferred: chinatti@corinth.sarnoff.com

3454. Newbie wants to buy

Newsgroup: rec.radio.scanner
Date: 1994-10-07 19:55:56 UTC
From: vtan@netcom.com
Message-ID: <vtanCxBJD9.AAE@netcom.com>
Source record: 267722

Been reading this newgroup the last couple of days.

I am very interested in getting into this hobby and am very new at it.
So, first off, I would like to receive recommendations on what to get.
Preferably something that is not hobbled or can be 'saved' from an
incapicitated state of restricted frequency. Nothing close to 4 figures
in price please. I'm a beginner, not a rich beginner.

Email or followups are both ok. Thanks.

- Victor Tan

3455. Where can I get a fixed r\angle bnc connector?

Newsgroup: rec.radio.scanner
Date: 1994-10-07 20:47:11 UTC
From: habu@gate.net
Message-ID: <374c4f$11n4@tequesta.gate.net>
Source record: 267723

Anyone know where I can find a right angle Bnc connector that
does not flop around left to right. Does anyone have any ideas
on how to fix one short of wrapping electrical tape around the
damn thing?

--
Thanks
Mike

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

3456. My new Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-10-07 20:52:47 UTC
From: lem <lem@mixcom.mixcom.com>
Message-ID: <1994Oct7.205247.23140@mixcom.com>
Source record: 267692

I have the coveted, modified Pro43!

I went through the white pages, calling down the list of Radio Shacks, asking if they had an older Pro43 in stock and I found a small neighborhood store that had one on about the fourth call. I got some pretty weird answers from the other stores, all of them different, ranging from a simple "NO", to "We don't have any in stock, they've all been recalled by the company."

I gave the scanner to my dad to take to work and modify, where they have tiny desoldering tools and magnifying setups.

He said it was pretty easy with the desoldering tool until he got right down to the diode itself which he said was VERY small. He said he could barely see it and he said he never saw the leads at all, so he was working in the dark and it made him very nervous and it took him two hours and he never wants to do it again.

(He's over 50 and his eyesight IS getting pretty bad.)

But anyway, it worked and he did the keybeep too and I love my scanner now.

So, if you want a modified Pro43, you can do what I did. Find one with a serial number that doesn't start with "A" and make sure the FCC ID is AA020-300 and NOT AA020-300A, buy it on sale, and bully someone into modifying it for you.

3457. Freq. for 'Deutsche Welle'??

Newsgroup: rec.radio.scanner
Date: 1994-10-07 21:45:27 UTC
From: browere@einstein.cs.ucdavis.edu
Message-ID: <374fhn$la9@nic-nac.CSU.net>
Source record: 267687

I was wondering if some kind soul could post the frequncy(ies) that
Deutsche-Welle (sp?) broadcasts on. It is a German-language news
program that I once picked-up on a SW receiver a couple years ago....

Eric
.

3458. Requesting frequencies for Louisville, Orlando, Baltimore.

Newsgroup: rec.radio.scanner
Date: 1994-10-07 22:00:31 UTC
From: plocke@irvine.com
Message-ID: <CxBp4v.3D9@irvine.com>
Source record: 267690

I will be visiting Orlando, Baltimore, and Louisville later this month
and am seeking frequency lists for those cities. I have plenty of
Disney World frequencies so no need to include them in the lists.

Please email them to directly to plocke@irvine.com.

Thanks,
plocke

3459. TR-2400

Newsgroup: rec.radio.scanner
Date: 1994-10-07 22:14:10 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <374h7i$1jsf@tiger1.ocs.lsu.edu>
Source record: 267541

I guess I should have given a little information about the
TR-2400 and whether or not it's a good piece of equipment. I had a
PRO-37 scanner for a long time and it served me well, although it was kind
of limited. The TR-2400 is way beyond the pro-37.

100khz - 2060 mhz range w/ only cellular blocked
NFM, WFM, AM, and SSB reception modes
1000 channels
10 search banks
signal strength readout bar

It seems to be a VERY nice hand scanner, especially the 1300 - 2060 mhz
that most scanners don't get.But guess what? Mine seems defective.
It refuses to scan above 1600.900 mhz. The tech guy at ACE Communications
was no help what-so-ever. He kept saying, "I don't know what to tell you,
did you mess with the squelch?" Of course I messed with the squelch,
that was the FIRST thing I did...If anyone has any suggestions as to what
it may be, please let me know.

dave

btw- the TR-2400 is listed at $449 from ACE Communications.

3460. No Pro35 mods??

Newsgroup: rec.radio.scanner
Date: 1994-10-07 22:31:17 UTC
From: lkf104@psu.edu
Message-ID: <lkf104.68.2E95CC35@psu.edu>
Source record: 267691

there isnt a mod for the pro35 at oak.oakland.edu. does one exist at all?

3461. TR-2400

Newsgroup: rec.radio.scanner
Date: 1994-10-07 22:31:38 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <374i8a$qk8@tiger1.ocs.lsu.edu>
Source record: 267542

Mike Ellerson asked me to post the SW and SSB characteristics of
the TR-2400 , but I've only had it for a few days, so I'll post
something along those lines when I get a chance to get some
real data.

dave

3462. Re: Pro-43-400 channels (long!)

Newsgroup: rec.radio.scanner
Date: 1994-10-07 22:38:46 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CxBqwM.DBF@freenet.carleton.ca>
Source record: 267536

In a previous article, domonkos@access.digex.net (Andy Domonkos) says:

> In article <Pine.SUN.3.90.941004224952.14976K-100000@server0>,
>> Chris Hall <chall@server0> wrote:
>>
>> >I just have one question - What could you probably need 400 programable
>> >channels for? I have the pro-43, and I use 45 and that's all I think
>> >I'll ever need, and I search everything it offers, not just 800MHz.
>>
>
>Having as many channel as possible is a must for monitoring the UHF-military
>air band. I used up over 100 channels entering in frequencies from the
>Northeast Military Frequency book. These were enough to cover a 4 state wide
>listening area (just air-tower comms). The wider the coverage of the scanner,
>the more channels you'll need.
>
Good answer... AOR makes a 1000 channel scanner. Like most users of scanners
I have set up banks of frqs. ie: Air, Police etc.. If you have plenty of extra
channels you can duplicate your favourite frqs, in effect boosting the scan
speed.

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

3463. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-10-07 23:02:30 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.306.14A7CF4C@CCCS.UMN.EDU>
Source record: 267688

In article <tfoecke-0610941401510001@steel.nist.gov> tfoecke@nist.gov (Tim Foecke) writes:
>From: tfoecke@nist.gov (Tim Foecke)
>Subject: Re: D4 is already missing on new Pro43
>Date: Thu, 06 Oct 1994 14:01:51 -0400

>> : : : Couldn't one pop the EEPROM out and re-program it with the Forbidden
>> : : : Frequencies, then put it back in? The scanner most likely prevents
>> : : : entry of the frequencies only at the keypad.
>> :
>> : : If the frequencies are in discrete eeprom. I suspect the change
>would be in
>> : : rom on the CPU chip.
>> :
>> : Oops. Lesse if I can explain this better... Let's say a scanner and program
>> : a few of the cell phone frequencies into it's memory. Then, I take
>the memory
>> : chip out and place it in the same model scanner that can't recieve (let you
>> : receive might be a better word) the frequencies already saved in the memory.
>> : The scanner will read the frequencies from the memory and use them without
>> : checking to see if they are valid or not. Note that the memory device could
>> : be a RAM chip (in this case use a Dallas NOVRAM) or an EEPROM. If the
>> : scanner has an external ROM, someone could program a software patch for it
>> : that would re-enable the frequencies locked out.
>>
>> I understood you just fine. I just don't think that the FCC would allow
>> such an easy way to defeat the lockout.
>>
>Why not?? They "allowed" such a stupidly easy to restore "forbidden"
>frequencies
>in the Pro 2006.

The 2006 was type accepted before the latest ban. Its type acceptance was
revoked as part of that same legislation, i.e. RS will not be making any
more 2006s.

>Do you really think that they are in the business of
>taking the time
>to check every possibility of every scanning receiver, and then telling
>the manufacturers
>that they have not gone far enough in locking out the frequencies? I think not.

I think the PRO-51 adequately demonstrated that the burdon is going to fall on
the manufacturer. Company x asserts that its new scanner is not easily
modified. The FCC grants type acceptance. John Q Public finds a way to modify
it to recieve cellular frequencies. Company x ends up recalling its new

scanner and shipping the units to Canada.

--rick

+---+
| Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
| Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |
| Cancer Screening Trial voice: (612) 627-4151 |
| University of Minnesota fax: (612) 627-4158 |
| 212 Ontario St SE, Suite 202 |
| Minneapolis, MN 55414 |
+---+

3464. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-08 00:26:47 UTC
From: greg@core.rose.hp.com
Message-ID: <CxBvwo.6uz@icon.rose.hp.com>
Source record: 267694

David K. Wolfe (david_wolfe.d041#u#mailbox@star9gate.mitre.org) wrote:
: The 800-900 gap not only removes cell phone, it also prevents monitoring
: the new 850 +/- MHz public safety frequencies. My city operates their
: fire and police on that band. sure glad I have the older ICOM R-7000

Well, for my usage, I'd rather have the better sensitivity of the 7100.
Anybody wanna trade?

Greg KD6KGW

(usage is for Satellite downlink, BTW)

3465. Re: Cordless Freq's

Newsgroup: rec.radio.scanner
Date: 1994-10-08 02:19:03 UTC
From: hotboat2@aol.com
Message-ID: <374vin$9v9@newsbf01.news.aol.com>
Source record: 267696

In article <3742jo$6ri@dns1.NMSU.Edu>, tharrell@opus.nmsu.edu (Thomas J. Harrell) writes:

Yes the frequencies are universal. It is better always to listen to the Base Freqs.

Hotboat!

3466. Re: SCANNING THE ROAD

Newsgroup: rec.radio.scanner
Date: 1994-10-08 02:25:02 UTC
From: hotboat2@aol.com
Message-ID: <374vtu$a2j@newsbf01.news.aol.com>
Source record: 267697

In article <781549687snz@alphanet.demon.co.uk>, max@alphanet.demon.co.uk (Max France) writes:

Send it to me please.

3467. Standard HX580T programming

Newsgroup: rec.radio.scanner
Date: 1994-10-08 02:38:32 UTC
From: cjg@pipeline.com
Message-ID: <3750n8$au9@pipe1.pipeline.com>
Source record: 267698

Does anyone know where I can get the software/ hardware to program a Standard HX580T radio? It is their 800mhz Smartnet compatible transceiver.

3468. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-08 02:45:15 UTC
From: jnormandin@umassd.edu
Message-ID: <CxC2BH.Hsz@umassd.edu>
Source record: 267708
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <373pj9$600@news.it.gvsu.edu>, hutchine@river.it.gvsu.edu (E.Hutchinson-N8XHP) writes:
> I am looking to purchase a CHEAP, USED radar gun...X or K band
>is not important. Wanted to take surveys in the area for school project.
>Any suggestions for a inexpensive gun would be appreciated. So did up
>all those boxes and look for a radar gun in your junk boxes...Please
>reply to personal E-mail...Thanks in advance...
>
>-=> Eric <=-
>
>--
>=-=
>= Eric M. Hutchinson - N8XHP Grand Valley State University =
>= * HAZMAT * Allendale, Michigan * BLS/CPR * =
>=-=-=-=-=-=-=-=-=-=-=-=hutchine@river.it.gvsu.edu-=
MAKE SURE YOU USE CAUTION WHEN YOU USE THE RADAR GUN!! THEY CAUSE CANCER!
That's why Laser RADAR is now used!

3469. Re: SCANNER BAN/WIRETAP BILL

Newsgroup: rec.radio.scanner
Date: 1994-10-08 03:17:10 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct8.031710.22193@hpcvaac.cv.hp.com>
Source record: 267712

jnormandin@umassd.edu (JERRY NORMANDIN) writes:
:
: I think most of us have to look out. The Constitution is getting ammended
: constantly and they are stripping away our rights! Before you know it
: the right to bear arms will be a thing of the past! ALSO SOON we will be
: presumed guilty until proven innocent.

You already are. All the cops have to do is claim that they found some currently illegal drugs, and they can confiscate everything you possess. This includes your bank accounts and retirement savings. They do not even have to charge you with any crime. To get the property back, you will have to sue in civil court - and prove that the property was not purchased with "drug tainted" money. This is rather hard to do, when they have confiscated everything.

There have been cases where, after a person was successful in the local court, the police simply turned everything over to the feds - where the person would have to sue all over again. I have not heard how these came out.

: It's getting scary. Too many people are busy watching television and are not
: into paying attention!

It has been getting scary for over 20 years. Very few people noticed then, and most still are not noticing.

Bill

3470. Newbie question 2006/2032?

Newsgroup: rec.radio.scanner
Date: 1994-10-08 03:25:43 UTC
From: glickman@panix.com
Message-ID: <3753fn$1e6@panix.com>
Source record: 267711

I see that many 2006 owners here are saying good things about their units.

Is there that much difference between that model and, say, the 2032 that justifies spending about twice as much? What does one get for the extra money?

I'm looking for a first scanner, and live in New York City. Any suggestions would be appreciated; please Email and I'll post a summary.

Thanks.
--

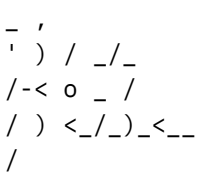
Gary M. Glickman
glickman@panix.com

3471. ##### PRO-43 FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-10-08 03:29:52 UTC
From: kipt@ripco.com
Message-ID: <CxC4Ds.G11@rci.ripco.com>
Source record: 267714

selling my pro-43. Reason? well i need the cash. asking price? $275 which includes S&H. What does it include besides S&H? it also has AC adapter cord, manual, original package, and six(6) new batteries. Anything else special to add? well the date on the unit is 9A3 and has been modified for the 800MHZ ranges. it is STRICTLY new (1-1.5 months old) and will provide sales slip if in doubt. please reply by e-mail only. the price is not negotiable. thanks for your time and trust.

--



3472. Re: A funny thing happened at Rat Shack ...

Newsgroup: rec.radio.scanner
Date: 1994-10-08 04:25:17 UTC
From: msattler@jungle.com
Message-ID: <3756vd$iu@lard.ftp.com>
Source record: 267471

Berton Corson said:

>so there is no thinking required on the part of the salesperson.

Ha ha ha ha ha ha!!!!

_/_/_/

3473. Re: Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-10-08 05:02:01 UTC
From: robert1159@aol.com
Message-ID: <375949$cqs@newsbf01.news.aol.com>
Source record: 267539

In article <36ve68$di5@hopper.acm.org>, mulligan@ACM.ORG (F. Barry Mulligan) writes:
In Austin, we supposedly have a new state of the art air traffic radar that is supposed to be so sensitive that it picks up cars on overpasses.

Do yo think that is the source.. like I said. it's is from 154.5 to 156.5 not above or below those frequencies.

3474. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-08 07:58:22 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <375jeu$1fhl@tiger1.ocs.lsu.edu>
Source record: 267717

Kennith Sprinkles Jr. (kenneth@eri.erinet.com) wrote:
: In the ads for the Icom R-7100 the frequency range says 25 - 2000mhz.
: Now my question is is this 25khz or what. I am new to this and looking
: for a good scanner that covers just about everything and this looks like
: a good choice, any comments or suggestions would be appreciated.

Now that more and more scanners are picking up the 1300Mhz -2Ghz range
what is of interest there that manufacturers see as marketable?
I ask because I can go up to 2 Ghz, but haven't really found much there
I guess I just don't know what frequencies to check.

Dave

3475. Re: Pro-43-400 channels

Newsgroup: rec.radio.scanner
Date: 1994-10-08 08:17:43 UTC
From: Steve4@ix.netcom.com
Message-ID: <375kj7$1s3@ixnews1.ix.netcom.com>
Source record: 267526

I've been following this thread loosly for the last couple of days. There seems to be a big debate over why someone would need 400 channels or not.

I need at least 400 channels on my Pro-43.

Can someone please tell me how to do this. It is one of the unmodifiable ones (for now) but I don't know if this will make a difference.

Please enlighten me. I've had the scanner for four weeks and already run out of channels.

Thanks.

Steve

3476. Re: Pro-39 ???

Newsgroup: rec.radio.scanner
Date: 1994-10-08 09:59:07 UTC
From: allds@indirect.com
Message-ID: <allds.8.0014A12A@indirect.com>
Source record: 267532

>hi,

>i've got a line on a Pro-39 which supposedly has
>an "old serial number". does anyone know any details
>on the pro-39? how does it compare to the pro-43?
>is it modifiable by removing a diode similarly to the pro-43?

>/eli

==========

Well I have a Pro-39.....I modifyed it and I really Love it.....
The main difference between the 39 and the 43 is the 43 has
Tripple Convertion.....the 39 only has double, which is a pain
if you listen to Trunked systems, due to the Cellular Images.

All in all though, it is a good scanner for the price.....the mod
is easy and it works!

Hope this helps ya.

_/_/_/

3477. Agency listing for AZ. ??

Newsgroup: rec.radio.scanner
Date: 1994-10-08 10:01:21 UTC
From: allds@indirect.com
Message-ID: <allds.9.0016AD19@indirect.com>
Source record: 267533

Im looking for an updated version of the AZ agency listing.......I have the 1993 version.......anyone know were to find the newest version of it???

Please let me know!! :)

_/_/_/

3478. Software for ICOM R7100

Newsgroup: rec.radio.scanner
Date: 1994-10-08 13:19:36 UTC
From: t9456079@minyos.xx.rmit.EDU.AU
Message-ID: <376698$588@aggedor.rmit.EDU.AU>
Source record: 267525

Looking for software for controlling the ICOM R7100 rxer. Can anybody assist ?.

3479. HF Air Freqs

Newsgroup: rec.radio.scanner
Date: 1994-10-08 14:38:52 UTC
From: tmjackso@netcom.com
Message-ID: <tmjacksoCxCzCs.Kwl@netcom.com>
Source record: 267545

Does anyone in the northeast listen to planes crossing the Atlantic on HF? If so, can you recommend a good model of scanner or radio and frequencies? I'm in DC...

Thanks

--
Timothy M. Jackson
==========
TMJACKSO@NETCOM.COM

3480. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-08 14:47:37 UTC
From: rkm@vectorbd.com
Message-ID: <CxCzrE.9A5@vectorbd.com>
Source record: 267378
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

JERRY NORMANDIN (jnormandin@umassd.edu) wrote:
: In article <373pj9$600@news.it.gvsu.edu>, hutchine@river.it.gvsu.edu
(E.Hutchinson-N8XHP) writes:
: > I am looking to purchase a CHEAP, USED radar gun...X or K band
: >is not important. Wanted to take surveys in the area for school project.
: >Any suggestions for a inexpensive gun would be appreciated. So did up
: >all those boxes and look for a radar gun in your junk boxes...Please
: >reply to personal E-mail...Thanks in advance...
: MAKE SURE YOU USE CAUTION WHEN YOU USE THE RADAR GUN!! THEY CAUSE CANCER!
: That's why Laser RADAR is now used!

That's odd... I've been under the impression that VASCAR is used
because most motorists don't have detectors for it. :-)

- Rich

3481. South bend/Washington National (DC)/AA

Newsgroup: rec.radio.scanner
Date: 1994-10-08 16:23:53 UTC
From: 31mangla@wmich.edu
Message-ID: <1994Oct8.122353.22264@wmichgw>
Source record: 267531

Can someone please post/mail frequencies for South Bend airport and Washington National (DC) airport. Also, has anyone had experience with taking a scanner on an American Airline flight. Do they allow you listen to it during the flight or not?

Thanks, Usman

3482. Blue Angels Frequencies NEEDED

Newsgroup: rec.radio.scanner
Date: 1994-10-08 17:04:05 UTC
From: rossr@tcs.com
Message-ID: <376je5$27g@tcsi.tcs.com>
Source record: 267534

hi, does anyone know of the frequencies for the Blue Angels
their due over San Francisco in a couple of hours!.

3483. Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-08 18:25:44 UTC
From: g9153402@huey.csun.edu
Message-ID: <376o78$aqv@nic-nac.CSU.net>
Source record: 267535
Cross-posted to: rec.radio.scanner,alt.2600,misc.legal,la.general

Subject: Calif. Cellular Telephone Law - Retailer Rip-Offs
Newsgroups: rec.radio.scanner,alt.2600,misc.legal,la.general
Newsgroups: bit.listserv.lawsch-l
Organization: California State University Northridge
Summary:
Keywords:
X-Newsreader: TIN [version 1.2 PL2]

merlin (merlin@neuro.usc.edu) wrote:
>In article <> g9153402@huey.csun.edu (Berton Corson) writes:
>>merlin (merlin@neuro.usc.edu) wrote:
>>>Does anyone know how to find the state statute and/or who to contact for
>>>enforcement of the state law so I can buy my $94 Motorola Ultra Classic
>>>M cellular telephone without paying outrageous fees designed to prevent
>>>people like me from benefiting from the advertised price?

>Yesterday, Affordable portables quoted me:

> $ 69.00 for the Motorola Ultra Classic M
> $ 100.00 programming fee
> $ 275.00 early contract termination fee

> Today, Affordable Portables quoted me:

> $ 69.00 for the Motorola Ultra Classic M
> $ 100.00 programming fee

>This is still $100.00 more than they advertised in the Sunday L A Times.
>I don't want activation -- California State Law (Business & Professions
>Code Section 17026.1(b) clearly states activation is not required:

> (b) In each retail location, all retailers of cellular telephones
> shall post a large conspicuous sign, in lettering no smaller than
> 36-point type, that states the following: "Activation of any cellular
> telephone is not required and the advertised price of any cellular
> telephone is not contingent upon activation, acceptance, or denial
> of cellular service by any cellular provider."

>The sales agent on the phone told me no cellular telephone could leave
>the store without being programmed with a NAM as a matter of store policy
>to cut down on cellular fraud. While this is a nice goal, requiring the
>payment of a programming fee does not cut down on cellular fraud (that is
>the purpose of the nonprogrammable ESN electronic serial number embedded
>in each cellular telephone). Moreover, requiring programming of the NAM
>is the same thing as requiring activation because there is no NAM which
>could be programmed into the telephone without activation.

>I want my $69.00 Motorola Ultra Classic M. I do not want it activated
>with any carrier. I do not want it programmed with an illegal 'bogus'
>telephone number. I do not want to pay extra for this illegal bundled
>programming service fee which is being used to attempt to recover part
>of the cost of selling these units below cost. The programming fee is
>tantamount to requiring activation -- which is forbidden by state law.

>>As far as 'Affordable Portables', I wouldn't touch them with
>>a ten-foot pole! Many cellular retailers try to skirt the law,
>>mainly by saying they sell to 'end-users' only, meaning they
>>want to program it, and want a cellular number from you to do
>>it, if they're not going to supply you with the service.
>>I had the same slop happen to me at Affordable Portables.
>>They told me a whole bunch a bull-sh*t why they can't just
>>sell you the phone and have to sell you some cellular phone
>>plan. What I heard from their salespeople was enough to
>>make me throw-up. They even told me they're not allowed to
>>sell phones because of 'cellular toll fraud'.

>If someone wants to ban cellular fraud then they should forbid the
>manufacture of telephones with easily modifiable ESN's. There are
>even a few telephones (it is said the OKI 900 is one of these) one
>can actually decode and replace the resident firmware to create a
>device capable of capturing ESN's off the air and using those same
>ESN's automatically without any additional modification. There are
>also technical means (transmitter carrier wave fingerprinting and
>detecting calls originating from supposedly identical transmitters
>which are keyed up from locations too far apart to allow reasonable
>travel time).

>To allow an entire string of retailers to violate state law by the
>imposition of a policy which effectively requires activation -- is
>entirely contrary to public policy (the legislature's attempt to
>forbid bundling of services with cellular telephone sales), amounts
>to an unfair trade practice/deceptive advertising, and is contrary
>to the best interest of the public.

>I may end up having to complain about Affordable Portables to Calif
>Attorney General, District Attorney, City Attorney, Public Utilities
>Commission, California Department of Consumer Affairs -- but I know
>that the people who refuse to sell this cellular telephone for their
>advertised price of $69.00 are at risk of a misdemeanor fine of $100
>to $1000 and/or six months in jail for each time they refuse to sell.

After reading, and thinking, about this, I will be writing the Calif.
Atty General's Office, Telemarketing Unit, 300 S Spring St. 5th Floor,
Los Angeles, CA 90013, about my experiences being lied to/ripped-off
by these firms. I would also like to see some local televisions news
stations shop theses stores, to show how these retailers just thumb
their noses at the law. I would suggest all those reading this, to do
the same also. (Writing the proper govt agencies and the proper de-
partments (investigative/consumer reporters) in the media. Only when
these guys are exposed, and penalties assessed, will this crap have

any chance of stopping.

Right now, many cellular retailers work on the assumption that most all customers don't know the law. But if they find out you're a smart consumer, they want to kick you out of the store quick, so no other less-intelligent customers in the store will here you. These guys will never sell you a phone, as all they're interested in is getting commissions from those extended, onerous, cellular service contracts that they'll fast-talk you into.

3484. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-08 18:40:25 UTC
From: raustin@nyx.cs.du.edu
Message-ID: <376p2p$hh3@nyx.cs.du.edu>
Source record: 267537
Cross-posted to: rec.radio.scanner,alt.2600,misc.legal,la.general

Berton Corson (g9153402@huey.csun.edu) wrote:

: After reading, and thinking, about this, I will be writing the Calif.
: Atty General's Office, Telemarketing Unit, 300 S Spring St. 5th Floor,
: Los Angeles, CA 90013, about my experiences being lied to/ripped-off
: by these firms. I would also like to see some local televisions news
: stations shop theses stores, to show how these retailers just thumb
: their noses at the law. I would suggest all those reading this, to do
: the same also. (Writing the proper govt agencies and the proper de-
: partments (investigative/consumer reporters) in the media. Only when
: these guys are exposed, and penalties assessed, will this crap have
: any chance of stopping.

Not many people are willing to sit down and write a letter. ***BUT***
if you can get the e-mail addresses of the Attorney General or other
authority and post it here, I'm sure they'll get enough response to
take action.
-RMA

3485. Re: Pro-2006 & Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-10-08 18:51:47 UTC
From: g9153402@huey.csun.edu
Message-ID: <376po3$aqv@nic-nac.CSU.net>
Source record: 267538

tjmiles@delphi.com wrote:
> I'm sure this has been answered here before, but if someone could be so
> kind as to clarify this one more time (for my sake and anyone else that
> missed it before) -- I've read that a Pro-43 which does not have a letter
> in its serial number is cell-modifiable. Is this accurate? Also, regarding
> the Pro-2006 base scanner -- are all of these able to be modified for
> recieving the complete 800 MHZ band or are there exceptions as with the
> Pro-43? I'm wondering because my local RS has both on sale right now....
> Thanks in advance for your help with this!
>
> Terry
>

The newer PRO-43s are apparently not modifiable.
I don't own a PRO-43, so I don't know the full story.
But the older one's were, but I don't have the mod handy right now here to
post. It should be in ftp site oak.oakland.edu somewhere.

ALL PRO-2006s ARE MODIFIABLE. It is a discontinued product, so it
wasn't affected by the law that took effect in May, except for a few that
were produced after the deadline, that were modifiable, which caused Radio
Shack to pull the product off of many of its store's shelves. The mod is
very easy, as it just involves cutting one diode lead with a pair of small
wire cutters. I did the whole procedure in less than 5 minutes.
Below are 2006 mods I have:

From: rats@ihlpm.UUCP

PRO-2006 Modifications

NOTE: The Electronic Communications Privacy Act of 1986 makes it
unlawful to monitor mobile telephones, including cellular. The following
modification is intended only to restore continuous 760-1300 MHz
coverage as originally provided by the design of the PRO-2006
microprocessor.

BE SURE TO TEST YOUR PRO-2006 FULLY BEFORE ATTEMPTING THIS
MODIFICATION. ANY MODIFICATION MAY VOID YOUR WARRENTY.

824-851, 869-896 MHz Frequency Restoration

Tools Required: small Phillips screwdriver, small wire cutters.

Procedure: With the power cord unplugged, remove the two rear
cabinet screws holding the upper cover. Lift off the upper cover,
being careful not to stretch the speaker leads. Examine the inner,
right-hand-corner of the front panel to find two glass diodes, labelled

D503 (upper diode) and D502 (lower diode).

Using the clippers, very carefully snip the visible lead of the lower diode (D502) at its bend and slightly separate the cut ends. If it is ever necessary to send the radio back for warrenty repair, the diode leads should be carefully resoldered.

Reassemble, plug in AC cord, turn on scanner, and press RESET.

Keyboard Beep Delete

With the top cover removed as described above, locate connector CN3, a 15-pin connector with colored wires at the front of the main circuit board. There are two precedures which will stop the beep tone from being heard through the speaker; read both to decide which procedure you want to follow.

(1) Find the center grey wire coming from CN3 and cut it midway to disable the beep tone. You may wish to solder a resistor in series to reduce the beep volume, a trimpot to vary the volume of the beep tone, or a minature switch to choose between beep and no beep.

(or)

(2) Using a pair of needle-nose pliers, CAREFULLY pry the plug from CN3, revealing a row of pins. Locate the center pin (#8) which corresponds to the grey wire and bend it down flat, disabling the beep circuit. Reinsert the plug. The pin may be erected again later to restore the beep tone if desired.

This completes the restoration procedure. Reattach the cover and replace the screws.

WARRANTY REPAIR

Should it be necessary during the first year of ownership of your new PRO-2006 to exercise your warrenty, it should be carefully double-boxed (as you received it) and returned to Grove Enterprises. Be sure to include a copy of the original bill to establish warranty privileges.

You must prepay only shipping and insurance; return shipping and insurance to you will be paid by the dealer.

Grove Enterprises, P.O. Box 98, 140 Dogbranch Road
Brasstown, NC; 1-704-837-9200
==========

pas@jupitercmc.ca (Peter Stokes)
Date: Tue, 27 Oct 1992 18:38:46 GMT
Reply-To: pas@jupiter.ic.cmc.ca
Sender: usenet@venus.ic.cmc.ca (News Administrator)

nguyen@aladdin.eng.hou.compaq.com (Nghia Nguyen) writes:
|>

|> Has anyone tried the Scanning Speed Mod on the PRO-2006.
|> Any side-effect? A guy from Marymac told me the mod
|> increases scanning speed significantly.
|> nvn

There are two diodes behind the "3" key on the keypad.
Clipping one restores cellular, clipping the other
increases scan speed by about 13%. I did this to my
Pro-2006 after the warranty expired and did indeed measure
a 13% scan and search speed increase. I don't think
this has had any adverse effects on the radio although
its theoretically possible that the increased scan speed
might cause the radio to miss some carriers - but this
is purly speculation on my part.

Cheers,
Peter

Peter A. Stokes ~~~~~~~~ pas@jupiter.ic.cmc.ca ~~~~~~~ (613) 545-2923 ~~~~~
~~~~~~

From: thieleke@icaen.uiowa.edu (Jeffrey Ray Thieleke)
Date: Wed, 28 Oct 1992 01:23:09 GMT

horak@convex.com (David Horak) writes:

>pas@jupitercmc.ca (Peter Stokes) writes:

>>There are two diodes behind the "3" key on the keypad.
>>Clipping one restores cellular, clipping the other
>>increases scan speed by about 13%. I did this to my

>What about the crystal mod. The Pro-2004 and Pro-2005 could be revved up
>with a faster crystal. According to the Scanner Mod Handbook #2 (by Bill
>Cheek), it is theoretically possible to increase the Pro-2006 in the same
>manner, although he warns that he hasn't personally tried it. Since it
>already scans *much* faster than the 2004/5 (Hyperscan) with a 12 MHz
>crystal, he cautions that it may or may not work. HAS ANYONE TRIED A
>CRYSTAL FASTER THAN 12 MHZ IN THE PRO-2006?

Yes, I have done the Crystal mod. I used a 16.630 MHz crystal from an old
cordless phone (no bull), and I got a big speed increase (approx. 46 channels
per second).I tried several different crystals, ranging from 16MHz to 39MHz,
and my results seem to indicate that the highest crystal freq. should be about
18 MHz. If the crystal is too fast, the 2006 just uses the 3rd harmonic (ie
a 39MHz crystal operates like a 13Mhz.)

From: ross@novax.llnl.gov

The Scanner Mod Handbook #2 says to replace the 12 MHz crystal with something
faster; however, the author, Bill Cheek, says he hasn't actually tried it. I
haven't either, although I'd be interested in knowing if it is a successful
~~~~~~

mod.
>

Well gang,right after I got my Mod handbook 2, I tore into my 2006. At first I tried a 20 MHz xtal, the processor locked up and not all the LCD display segments were happy (I had already done the diode clip speed mod). So I tried an 18 MHz xtal, same problems. I contacted Cheek (the author) and he reported that 16 MHz was the safe upper limit as he had seen no lockups at that speed and higher speeds had produced lockups on SOME units.

So I changed xtals again.The 16 MHz runs fine without any loss of sensitivity and I find enough delay left to still be able to use it (a faster microprocessor xtal shortens delay time).

My favorite 2006 mod is a wired remote control (Monitoring Times Aug 91 - Bill Cheek). I added a few extra parts and can control the following functions from a six foot detachable cord:Scan, Manual, Search up, and Search down. Searching is a snap when you can't reach the keyboard or it is dark.

Gary

From: IN%"horak@eugene.convex.com" 7-NOV-1992 11:49:43.95
From: horak@eugene.convex.com (David Horak)
Subject: RE: PRO-2006 Scanning Speed Mod.

Well, I changed the crystal in my Pro34, which is the same type of crystal and harder to get to than the 2006; however, I haven't changed the 2006 crystal yet. Some of the following instructions come from the Scanner Mod Handbook Vol. 2 on removing the logic board. Please read it all before doing anything. If you royally screw up your scanner, IT IS NOT MY FAULT!!!!!

Before you start anything, make sure you are at a static safe workstation. Unplug the A/C power cord. Remove the top and bottom covers. Remove the 4 countersunk machine screws from thesides of the front panel, then gently pull the panel away from the main chassis. All wires and cables will have to be disconnected from the top and bottom of the logic board (the board that the crystal is on). This will cause your memory channels to be lost and you will have to reprogram them :-((If you can work around it, you could leave CN-3, a 15 wire connector, connected to save your memories). At this point you may have to desolder a ground wire from the chasses going to the bottom of the logic board metal shield. Next, remove 6 small screws that secure the logic board to the front panel. Then, face the inside of the front panel placed in an upright position and locate the white 13-pin connector (CN-501) at the upper left corner of the board. This connector doesn't have any wires, just metal pins going into it. Gently pry this connector apart with a small flat blade screwdriver and the board should slip away from the plastic front panel and come loose in your hand. Also, you may need to remove the volume and squelch knobs. Desolder the metal shield at six places around the logic board and lift

it up and off the board. This is fairly easy to do with a low wattage soldering iron. Apply pressure with your fingers while the shield is heated at each leg. As the solder melts, that leg of the shield will slip upward and pop free. Now there are two choices. If you have an air sucking soldering iron, you can procede to desolder each of the three leads. If you have a normal iron, this will be impossible. The remaining choice is to crush the crystal with a pair of needle-nose pliars until only three leads remain sticking up off the board. Then you can heat and remove each of the three leads. The center lead is ground. You will only use the outer two leads when installing the new crystal. It would be a good idea to insulate the body of the crystal with shrink tubing (whatever you do, don't use electrical tape!) to avoid it shorting out to another component. The crystal will have to be bent over so that the metal shield can fit back on top of the logic board. Before you completely hook everything back together, get the scanner in a usable state and make sure it works. It would be a real bummer to tear it all apart because something is wrong.

Hope this helps,

David

---

alt.radio.scanner
Subject: Pro2005/6 SSB MOD HERE!
From: horak@convex.com (David Horak)
Date: Mon, 31 May 1993 18:04:59 GMT

I had a few requests for this mod so I thought everyone would benefit...

This is the mod for adding SSB capability to your Pro2005/2006. It is taken in part from Bill Cheek's Scanner Mod Handbook Volume 1. As long as you have a shortwave receiver with an external antenna jack and capability to tune to 455 KHz, you can interface it to the Pro2006 with this mod. It is best if you use a static safe work environment to perform this mod and you should have some technical knowledge. Also, a schematic would be helpful but is not necessary.

You will need the following parts:

Output jack (I use a 1/8 mini earphone jack but some like a BNC. The 1/8 mono jack is easier to install because you don't have to drill as big a hole in the back of the unit)

.01 uF capacitor

5 Kohm resistor (1/4 watt)

6 inches of mini coax or other shielded cable

A cable to run from the 2006 to your shortwave. I use the shielded cable that has the 1/8 plug on one end and a phono plug on the other end (1992 catalog Radio Shack P/N 42-2444 works for me). The phono

plug is perfect for the antenna input of my DX440 shortwave receiver.

The first step is to remove the cover of the unit and drill a hole in the back of the 2006 for your 1/8 or BNC plug. (You will want to wrap some tape around the drill bit about an inch from the end to keep it from cruising right on into the electronics once it punches through the metal!) Solder the 5K resister to one end of the .01 uF cap. Solder the other end of the cap to the shielded coax wire. Solder the other end of the coax to your 1/8 phono plug (or BNC) and ground the cable at this end. Now that the cable is in place you are ready to connect it to the 455 KHz source which is D33. It is on the top circuit board near the middle left, not too far from a huge capacitor. Solder the end of the resistor to the cathode of D33. (This should be the top of the standup part) Now you can test it out before you put the cover back on to make sure you did everything correct. You should be able to tune to some local airport or CB frequency on your 2006 and receive the same thing on your shortwave (with it tuned to 455 KHz and hooked up to the 2006 of course). If you tune something on your scanner that is SSB, you should be able to switch your shortwave to SSB and tune in the signal just fine. Beware of one thing, since the 2005/6 only tunes in 5 KHz increments minimum, you may notice from time to time that the signal on your shortwave isn't real clear. It may be that you will need to tune the shortwave anywhere from 451 to 459 KHz to tune in the signal well!

If you don't succeed or this description has you baffled you probably shouldn't be doing the mod in the first place. I assume no responsibility for screwups. Good luck

David

==========

Compiled for garfield.catt.ncsu.edu, world.std.com and other FTP servers by:

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

3486. The Radio Listening Spectrum

Newsgroup: rec.radio.scanner
Date: 1994-10-08 19:03:23 UTC
From: g9153402@huey.csun.edu
Message-ID: <376qdr$aqv@nic-nac.CSU.net>
Source record: 267540
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

THE RADIO SPECTRUM

This is an approximate look, to help in searching frequencies on a scanner or shortwave radio. Just be aware, having the right frequency may not be enough, in tuning to a certain frequency. The time of day, atmospheric conditions, location, mode you're in (AM, SSB, Narrowband FM, Wideband FM, etc.), and your equipment, are also equally important. You'll find most transmissions are broadcasted in Narrow-band FM. Some main exceptions are shortwave (AM & SSB), commercial AM radio (AM), commercial FM radio (Wideband FM), television (Wideband FM), citizens band radio (AM & SSB), aeronautical communications (mostly AM), and some military VHF/UHF (Wideband FM). Most all scanners will pick a default mode for you, depending on what frequency band you are in. But many scanners also let you manually switch between modes (AM, FM, etc.) and frequency search spacing (5 khz, 12.5 khz, etc.) if the default modes are not correct. Happy Listening!!!

FREQUENCY USES/SERVICES
(in Megahertz unless
otherwise indicated)
---------------------- --

10 - 150 khz Military/government, submarine
(.01 - .15 MHz) communications.

150 - 535 khz Longwave Band, beacons, foreign broadcasts,
(.15 - .535 MHz) maritime.

535 - 1700 khz Your standard AM radio dial.
(.535 - 1.7 MHz)

1.7 - 30 Shortwave/High Frequency Band. Broadcasting,
two-way government, military and commercial
communications, amateur radio, CB radio (approx.
27 MHz), others.
Shortwave - Approx. Range Meter Band
1.8 - 2.0 160*
2.3 - 2.495 120
3.2 - 3.4 90
3.5 - 4.0 80*
3.9 - 4.0 75
4.75 - 5.06 60
5.9 - 6.2 49
7.0 - 7.3 40*

7.1 - 7.35 41
9.4 - 9.9 31
10.1 - 10.15 30*
11.6 - 12.1 25
13.57 - 13.87 22
14.0 - 14.35 20*
15.1 - 15.8 19
18.068 - 18.168 17*
17.48 - 17.9 16
18.9 - 19.02 15
21.0 - 21.45 15*
21.45 - 21.75 13
24.89 - 24.99 12*
25.6 - 26.1 11
28.0 - 29.7 10*
(In general, the lower shortwave frequencies
<higher meter band> are received better during
the night, while higher frequencies are re-
ceived better during the day. There are also
some amateur radio bands between many of these
shortwave bands(*). Consult a shortwave guide
for more detailed information.)

30 - 50 Very High Frequency Band. Government, business,
walkie-talkies. Also, cordless phones and
'baby monitors' found about 46 - 49 MHz.

50 - 54 Amateur radio 6 meter band.

54 - 72 TV Channels 2-4.
Channel 2 Audio (Wideband FM) 59.75
Channel 3 Audio (Wideband FM) 65.75
Channel 4 Audio (Wideband FM) 71.75

72 - 76 Manufacturing, remote control, eavesdropping
bugs, etc.

76 - 88 TV Channels 5-6.
Channel 5 Audio (Wideband FM) 81.75
Channel 6 Audio (Wideband FM) 87.75

88 - 108 Your standard FM radio dial.

108 - 136 Aeronautical communications (AM).

136 - 138 Satellites.

138 - 144 Military communications.

144 - 148 Amateur radio 2 meter band.

148 - 150.8 Military use.

150.8 - 174 Business, highway, law enforcement, government, weather, maritime.

174 - 216 TV Channels 7-13.
Channel 7 Audio (Wideband FM) 179.75
Channel 8 Audio (Wideband FM) 185.75
Channel 9 Audio (Wideband FM) 191.75
Channel 10 Audio (Wideband FM) 197.75
Channel 11 Audio (Wideband FM) 203.75
Channel 12 Audio (Wideband FM) 209.75
Channel 13 Audio (Wideband FM) 215.75

216 - 220 Maritime and aeronautical.

220 - 222 Land mobile communications.

222 - 225 Amateur radio.

225 - 400 Military aviation and space.

400 - 406 Military and government.

406 - 420 U.S. Government.

420 - 450 Amateur radio.

450 - 470 Ultra High Frequency Band. Business, industry, military, fire, government.

470 - 512 TV Channels 14-20, shared with law enforcement.

512 - 824 TV Channels 21-69, others.

824 - 849 Cellular telephones (receivers/handsets).

849 - 851 Aeronautical telephones (ground-based towers).

851 - 866 Business, public safety, trunked systems.

866 - 869 Public safety, law enforcement, trunked systems.

869 - 894 Cellular telephones (towers).
Note: Even though listening to cellular telephone calls is technically illegal in the United States, one will usually do better listening to calls on the tower frequencies, as opposed to the handset frequencies. This is because most cellular phones transmit less than one-watt of output. So unless the cellular phone is very close to you, you will have much more luck scanning the more powerful towers, which transmit/receive for each cell site.

894 - 896 Aeronautical telephones (handsets).
Note: In scanning airplane telephones, you will usually do better listening to the handset

frequencies, instead of the tower frequencies, unless you are very near a ground transmitter. But, in any event, call traffic heard on handset frequencies (which are transmitted from a high-powered transmitter on the aircraft) you may hear nothing at all, or many conversations, depending on your location and time of day.

896 - 901 Private land mobil units.

902 - 928 Land mobile, amateur radio, personal communication units, cordless telephones.

928 - 932 Radio paging.

935 - 940 Business radio.

941 - 944 Government and non-government fixed services.

944 - 952 Broadcasters' studio-to-transmitter links.

952 - 960 Private fixed services, paging.

960 - 1240 Aeronautical navigation.

1240 - 1300 Amateur radio.

1300 - 1350 Aeronautical navigation.

1350 - 1400 Radio location.

1400 - 1427 Radio astronomy.

1427 - 1429 Point-to-point, mobile, space.

1429 - 1660.5 Various satellite transmission uses.

1660.5 - 1668.4 Radio astronomy.

1668.4 - 1700 Meteorological aids.

1700 - 1850 Meteorological satellites, U.S. Government.

1850 - 1990 Fixed point-to-point, microwave.

1990 - 2110 Broadcast studio-to-transmitter links.

(end)

3487. is Pro46 mod overkill?

Newsgroup: rec.radio.scanner
Date: 1994-10-08 20:35:22 UTC
From: lkf104@psu.edu
Message-ID: <lkf104.70.2E97028A@psu.edu>
Source record: 267543

the pro46 mod consists of removing two jumbers and inserting one jumper,
but after i removed the first jumper, the block frequencies were restored.
what is the function of the other jumpers?

3488. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-10-08 20:37:36 UTC
From: zen@ccs.neu.edu
Message-ID: <376vug$3ru@narnia.ccs.neu.edu>
Source record: 267544

: Possibly not. Radio Shack has the habit of putting returned merchandise back
: on the shelf, and reselling it as new. Maybe someone modified the radio, and
: then returned it for some reason.
: Bill

Oi.. A friend of mine bought a Radio Shack CB, and found that it was defective
a day after, so he took wrote down the SN and took it back.. About a week
later, he convinced me to purchase the same model.. As it turned out, 3 hours
after I bought my scanner, it crapped out.. I called him up, and he read off
the SN.. It turns out Radio Shack just threw the scanner back in the box, and
put it on the shelf.. Grrrr, another wasted trip was made out to RS...
After confronting the manager, they said that they were really sorry, and
that the cb was supposed to be shipped back for repairs.... Ahh well..
Everything I ever bought from Radio Shack crapped out within 2 weeks....
Paul

Paul Nash ||------- PGP Key Available By Fingering me-----------
zen@denali.ccs.neu.edu ||---

3489. Re: The Scanman's Handbook v11 now out

Newsgroup: rec.radio.scanner
Date: 1994-10-08 22:21:56 UTC
From: g9153402@huey.csun.edu
Message-ID: <377624$n62@nic-nac.CSU.net>
Source record: 267546

Ryan (draziw@netcom.com) wrote:
> THE SCANMAN'S HANDBOOK [V11.00] MAY 1994

> Lists thousands of radio frequencies and codes for Southern California.
> Coverage of Police, Fire, Sheriff, Medical, CHP & Government. Includes
> Amateur Radio, CB, Public Attractions & Amusements, Schools & Colleges,
> Security Firms, Resteraunts, Hotels & Inns, and much more! Extensive
> Revision - A Must For The Scanner Owner!
> **
> It now also has some east coast freqs.
> You can get the program via anon ftp from: ftp.netcom.com:/pub/draziw
> the filename is scanm11.zip
> Ryan draziw@netcom.com
> UATBIT - Users Against Tofu Brained Internet Twerps

Just checked. It's there. Problem I have is this darn system I'm using
only allows kermit transfer protocols getting it from the mainframe
onto my PC. Scanm11.zip is 426,502 bytes. Using kermit, will take
forever, but when I have time I'll retrieve it.

3490. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-08 22:35:47 UTC
From: g9153402@huey.csun.edu
Message-ID: <3776s3$nhs@nic-nac.CSU.net>
Source record: 267548

David K. Wolfe (david_wolfe.d041#u#mailbox@star9gate.mitre.org) wrote:
> In article <Cx8I0t.8Du@nucleus.com>, rbailey@nucleus.com (Rob Bailey) wrote:

> The 800-900 gap not only removes cell phone, it also prevents monitoring
> the new 850 +/- MHz public safety frequencies. My city operates their
> fire and police on that band. sure glad I have the older ICOM R-7000

Same here. The Los Angeles City Fire Dept operates almost entirely in
that frequency. For the ICOM R-7100-2 just to entirely delete the whole
800 mhz range out, makes no sense, especially since it's one of the
most expensive scanners (about $1350.00) out there. For that price,
you think they could do better. Better yet, try to work for a govt
agency, and use a govt purchase order to get the full-coverage R7100-1
instead. (Naturally, reimburse your employer for the scanner).

3491. Re: Why two scanner newsgroups?

Newsgroup: rec.radio.scanner
Date: 1994-10-08 22:49:36 UTC
From: g9153402@huey.csun.edu
Message-ID: <3777m0$nhs@nic-nac.CSU.net>
Source record: 267549

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
> In article <jim-051094105956@jimsmac.ttech.com>, jim@ttech.com (Jim Wayda) writes:
> > Why are there two scanner newsgroups.

> Because some news administrators have not removed the alt group. The alt group
> has been superseded by the rec group. There is nothing discussed in alt that
> could not be discussed in rec. Let alt die. It's the humane thing to do.

> > Why not eliminate alt.radio.scanner
> > and have everyone post to rec.radio.scanner?

> Why not, indeed?

True. My usenet reader chokes every time I reply to a post that has
been posted to both groups, and I have to go back and edit out
alt.radio.scanner every time. It's just that old newsgroups sometimes
have an awful time trying to die.

3492. Re: Cordless Freq's

Newsgroup: rec.radio.scanner
Date: 1994-10-08 23:18:08 UTC
From: shawn4sk1@aol.com
Message-ID: <3779bg$s46@newsbf01.news.aol.com>
Source record: 267551

Oh yeah, he's right. I forgot to mention that- the base freq, the 46.XX's, will let you monitor both sides of the conversation... :-)

Shawn
soliver@ozarks.sgcl.lib.mo.us

3493. Re: Newbie wants to buy

Newsgroup: rec.radio.scanner
Date: 1994-10-08 23:18:53 UTC
From: g9153402@huey.csun.edu
Message-ID: <3779ct$pdb@nic-nac.CSU.net>
Source record: 267550

Victor Tan (vtan@netcom.com) wrote:
> Been reading this newgroup the last couple of days.

> I am very interested in getting into this hobby and am very new at it.
> So, first off, I would like to receive recommendations on what to get.
> Preferably something that is not hobbled or can be 'saved' from an
> incapicitated state of restricted frequency. Nothing close to 4 figures
> in price please. I'm a beginner, not a rich beginner.
> Email or followups are both ok. Thanks.
> - Victor Tan

No need to spend $1000.00. A couple of hundred dollars can get you some good hand-held models. check the Grove catalog (800)438-8155, or Radio Shack after you've done some research (like reading all the posts in this newsgroup).
As far as base models, I own a RS-2030 and RS-2006. My 2030 currently sits in the closet. It costed about $199.00. It is a good first scanner, especially if you can get an older model from a Radio Shack that is still modifiable. You can program 80 channels, scan most frequency ranges you're interested in, and search frequencies at 50 channels per second. The only problems I see with this scanner is it's double-conversion, and I've had some problems with frequencies appearing in the wrong place, causing reception difficulties in parts of some bands. But it isn't that bad. It is also a very light scanner, and probably weighs less than a pound. For a desk scanner, I had to hold it down while pressing the buttons.

The RS-2006 is a discontinued model. Some Radio Shacks may have some in stock. I heard that Grove Enterprises (800)438-8155 still had some new ones for $369, but were running out, so you have to act quick. This scanner has 400 channels, and all 2006s are easily modifiable (see below). You get 25-250, and 760-1300 mhz coverage, I can do many more things on it, than on the 2030, to help you listen to whatever you may come across. Some, like changing the mode your in, and channel spacing, you can only do on the 2006, and not on the 2030. It is also triple conversion, so there is hardly any image problem that I can see. It has a slower scan rate (26 channels per second) and this luminescent type of display that may wear out on you after extended use (it has a light on/off switch to save wear on the light). The light is replaceable, but it does involve some disassembly and a soldering iron. But all things considered the 2006 far exceeds the 2030. You shouldn't be disatisfied with it if you plan on scanning as one of your hobbies.

Modification to restore cellular frequencies in the Radio Shack PRO-2030
Scanner. Note: Newer PRO-2030s lack and L201 jumper/diode to cut.
It is unsure if these units are modifiable.
Modifications are done at your own risk. Current U.S. law makes it
illegal to listen to cellular frequencies, although it is unclear
if the law is being enforced, or is enforceable. It is currently
not illegal to own a full 800 mhz scanner, though, and the below is
given to restore this capability in which this scanner was orginally
designed for.

This mod is essentially the same as the PRO2026 except the location of the
jumper is slightly different.

1. Remove power cable.
2. Turn unit upside down.
3. Remove five (5) recessed screws from bottom panel.
4. Carefully remove bottom panel.
5. With display panel facing you, locate the jumper marked L201 on the
circuit board attached to the display. It will be about
2" in from the from and 2" in from the right side. It will look
like a RF coil.
6. Cut the jumper marked L201.
7. Reinstall the bottom and reconnect power. Scanner is ready for use.
8. Cellular frequencies are now restored with 30 Khz channel spacing.

Please note: I picked up this mod from the FIDO net. I have never
completed the mod myself because I own the 2006. But I do have the
service manual and this is the diode that locks out the cellular band.
Even the specs show this diode connected to pin 10 of the microprocessor.
This pin is the STRAP OPTION CELLULAR SKIP. Too easy!

3494. Re: Newbie wants to buy

Newsgroup: rec.radio.scanner
Date: 1994-10-08 23:26:32 UTC
From: g9153402@huey.csun.edu
Message-ID: <3779r8$qjn@nic-nac.CSU.net>
Source record: 267552

Berton Corson (g9153402@huey.csun.edu) wrote:

> The RS-2006 is a discontinued model. Some Radio Shacks may have some
> in stock. I heard that Grove Enterprises (800)438-8155 still had some
> new ones for $369, but were running out, so you have to act quick.
> This scanner has 400 channels, and all 2006s are easily modifiable
> (see below). You get 25-250, and 760-1300 mhz coverage, I can do
^^^^^^
Whoops... I mean 25 - 520 and 760 - 1300 mhz coverage!
....Another typo....

P.S.: Stuff between 520 and 760 mhz is considered the upper UHF television
band. You really aren't missing much if you don't have it, and that
is why most all scanners don't have it.

3495. Re: Newbie wants to buy

Newsgroup: rec.radio.scanner
Date: 1994-10-08 23:38:44 UTC
From: g9153402@huey.csun.edu
Message-ID: <377ai4$re0@nic-nac.CSU.net>
Source record: 267553

Victor Tan (vtan@netcom.com) wrote:
> Been reading this newgroup the last couple of days.

From: rats@ihlpm.UUCP

PRO-2006 Modifications

NOTE: The Electronic Communications Privacy Act of 1986 makes it unlawful to monitor mobile telephones, including cellular. The following modification is intended only to restore continuous 760-1300 MHz coverage as originally provided by the design of the PRO-2006 microprocessor.

BE SURE TO TEST YOUR PRO-2006 FULLY BEFORE ATTEMPTING THIS MODIFICATION. ANY MODIFICATION MAY VOID YOUR WARRENTY.

824-851, 869-896 MHz Frequency Restoration

Tools Required: small Phillips screwdriver, small wire cutters.

Procedure: With the power cord unplugged, remove the two rear cabinet screws holding the upper cover. Lift off the upper cover, being careful not to stretch the speaker leads. Examine the inner, right-hand-corner of the front panel to find two glass diodes, labelled D503 (upper diode) and D502 (lower diode).

Using the clippers, very carefully snip the visible lead of the lower diode (D502) at its bend and slightly separate the cut ends. If it is ever necessary to send the radio back for warrenty repair, the diode leads should be carefully resoldered.

Reassemble, plug in AC cord, turn on scanner, and press RESET.

Keyboard Beep Delete

With the top cover removed as described above, locate connector CN3, a 15-pin connector with colored wires at the front of the main circuit board. There are two precedures which will stop the beep tone from being heard through the speaker; read both to decide which procedure you want to follow.

(1) Find the center grey wire coming from CN3 and cut it midway to disable the beep tone. You may wish to solder a resistor in series to reduce the beep volume, a trimpot to vary the volume of the beep tone, or a minature switch to choose between beep and no beep.

(or)

(2) Using a pair of needle-nose pliers, CAREFULLY pry the plug from CN3, revealing a row of pins. Locate the center pin (#8) which corresponds to the grey wire and bend it down flat, disabling the beep circuit. Reinsert the plug. The pin may be erected again later to restore the beep tone if desired.

This completes the restoration procedure. Reattach the cover and replace the screws.

WARRANTY REPAIR

Should it be necessary during the first year of ownership of your new PRO-2006 to exercise your warrenty, it should be carefully double-boxed (as you received it) and returned to Grove Enterprises. Be sure to include a copy of the original bill to establish warranty privileges.

You must prepay only shipping and insurance; return shipping and insurance to you will be paid by the dealer.

Grove Enterprises, P.O. Box 98, 140 Dogbranch Road
Brasstown, NC; 1-704-837-9200
==========

pas@jupitercmc.ca (Peter Stokes)
Date: Tue, 27 Oct 1992 18:38:46 GMT
Reply-To: pas@jupiter.ic.cmc.ca
Sender: usenet@venus.ic.cmc.ca (News Administrator)

nguyen@aladdin.eng.hou.compaq.com (Nghia Nguyen) writes:
|>
|> Has anyone tried the Scanning Speed Mod on the PRO-2006.
|> Any side-effect? A guy from Marymac told me the mod
|> increases scanning speed significantly.
|> nvn

There are two diodes behind the "3" key on the keypad. Clipping one restores cellular, clipping the other increases scan speed by about 13%. I did this to my Pro-2006 after the warranty expired and did indeed measure a 13% scan and search speed increase. I don't think this has had any adverse effects on the radio although its theoretically possible that the increased scan speed might cause the radio to miss some carriers - but this is purly speculation on my part.

Cheers,
Peter

Peter A. Stokes ~~~~~~~~ pas@jupiter.ic.cmc.ca ~~~~~~~ (613) 545-2923 ~~~~~
~~~~~~

From: thieleke@icaen.uiowa.edu (Jeffrey Ray Thieleke)
Date: Wed, 28 Oct 1992 01:23:09 GMT
~~~~~~

horak@convex.com (David Horak) writes:

>pas@jupitercmc.ca (Peter Stokes) writes:

>>There are two diodes behind the "3" key on the keypad.
>>Clipping one restores cellular, clipping the other
>>increases scan speed by about 13%. I did this to my

>What about the crystal mod. The Pro-2004 and Pro-2005 could be revved up
>with a faster crystal. According to the Scanner Mod Handbook #2 (by Bill
>Cheek), it is theoretically possible to increase the Pro-2006 in the same
>manner, although he warns that he hasn't personally tried it. Since it
>already scans *much* faster than the 2004/5 (Hyperscan) with a 12 MHz
>crystal, he cautions that it may or may not work. HAS ANYONE TRIED A
>CRYSTAL FASTER THAN 12 MHZ IN THE PRO-2006?

Yes, I have done the Crystal mod. I used a 16.630 MHz crystal from an old cordless phone (no bull), and I got a big speed increase (approx. 46 channels per second). I tried several different crystals, ranging from 16MHz to 39MHz, and my results seem to indicate that the highest crystal freq. should be about 18 MHz. If the crystal is too fast, the 2006 just uses the 3rd harmonic (ie a 39MHz crystal operates like a 13Mhz.)

From: ross@novax.llnl.gov

>The Scanner Mod Handbook #2 says to replace the 12 MHz crystal with something
>>faster; however, the author, Bill Cheek, says he hasn't actually tried it. I
>>haven't either, although I'd be interested in knowing if it is a successful
>>mod.
>

Well gang,right after I got my Mod handbook 2, I tore into my 2006. At first I tried a 20 MHz xtal, the processor locked up and not all the LCD display segments were happy (I had already done the diode clip speed mod). So I tried an 18 MHz xtal, same problems. I contacted Cheek (the author) and he reported that 16 MHz was the safe upper limit as he had seen no lockups at that speed and higher speeds had produced lockups on SOME units.

So I changed xtals again. The 16 MHz runs fine without any loss of sensitivity and I find enough delay left to still be able to use it (a faster microprocessor xtal shortens delay time).

My favorite 2006 mod is a wired remote control (Monitoring Times Aug 91 - Bill Cheek). I added a few extra parts and can control the following functions from six foot detachable cord: Scan, Manual, Search up, and Search down. Searching is a snap when you can't reach the keyboard or it is dark.

Gary

From: IN%"horak@eugene.convex.com" 7-NOV-1992 11:49:43.95
From: horak@eugene.convex.com (David Horak)

Subject: RE: PRO-2006 Scanning Speed Mod.

Well, I changed the crystal in my Pro34, which is the same type of crystal and harder to get to than the 2006; however, I haven't changed the 2006 crystal yet. Some of the following instructions come from the Scanner Mod Handbook Vol. 2 on removing the logic board. Please read it all before doing anything. If you royally screw up your scanner, IT IS NOT MY FAULT!!!!!

Before you start anything, make sure you are at a static safe workstation. Unplug the A/C power cord. Remove the top and bottom covers. Remove the 4 countersunk machine screws from thesides of the front panel, then gently pull the panel away from the main chassis. All wires and cables will have to be disconnected from the top and bottom of the logic board (the board that the crystal is on). This will cause your memory channels to be lost and you will have to reprogram them :-((If you can work around it, you could leave CN-3, a 15 wire connector, connected to save your memories). At this point you may have to desolder a ground wire from the chasses going to the bottom of the logic board metal shield. Next, remove 6 small screws that secure the logic board to the front panel. Then, face the inside of the front panel placed in an upright position and locate the white 13-pin connector (CN-501) at the upper left corner of the board. This connector doesn't have any wires, just metal pins going into it. Gently pry this connector apart with a small flat blade screwdriver and the board should slip away from the plastic front panel and come loose in your hand. Also, you may need to remove the volume and squelch knobs. Desolder the metal shield at six places around the logic board and lift it up and off the board. This is fairly easy to do with a low wattage soldering iron. Apply pressure with your fingers while the shield is heated at each leg. As the solder melts, that leg of the shield will slip upward and pop free. Now there are two choices. If you have an air sucking soldering iron, you can procede to desolder each of the three leads. If you have a normal iron, this will be impossible. The remaining choice is to crush the crystal with a pair of needle-nose pliars until only three leads remain sticking up off the board. Then you can heat and remove each of the three leads. The center lead is ground. You will only use the outer two leads when installing the new crystal. It would be a good idea to insulate the body of the crystal with shrink tubing (whatever you do, don't use electrical tape!) to avoid it shorting out to another component. The crystal will have to be bent over so that the metal shield can fit back on top of the logic board. Before you completely hook everything back together, get the scanner in a usable state and make sure it works. It would be a real bummer to tear it all apart because something is wrong.

Hope this helps,

David

---

alt.radio.scanner
Subject: Pro2005/6 SSB MOD HERE!
From: horak@convex.com (David Horak)
Date: Mon, 31 May 1993 18:04:59 GMT

I had a few requests for this mod so I thought everyone would benefit...

This is the mod for adding SSB capability to your Pro2005/2006. It is taken in part from Bill Cheek's Scanner Mod Handbook Volume 1. As long as you have a shortwave receiver with an external antenna jack and capability to tune to 455 KHz, you can interface it to the Pro2006 with this mod. It is best if you use a static safe work environment to perform this mod and you should have some technical knowledge. Also, a schematic would be helpful but is not necessary.

You will need the following parts:

Output jack (I use a 1/8 mini earphone jack but some like a BNC. The 1/8 mono jack is easier to install because you don't have to drill as big a hole in the back of the unit)

.01 uF capacitor

5 Kohm resistor (1/4 watt)

6 inches of mini coax or other shielded cable

A cable to run from the 2006 to your shortwave. I use the shielded cable that has the 1/8 plug on one end and a phono plug on the other end (1992 catalog Radio Shack P/N 42-2444 works for me). The phono plug is perfect for the antenna input of my DX440 shortwave receiver.

The first step is to remove the cover of the unit and drill a hole in the back of the 2006 for your 1/8 or BNC plug. (You will want to wrap some tape around the drill bit about an inch from the end to keep it from cruising right on into the electronics once it punches through the metal!) Solder the 5K resister to one end of the .01 uF cap. Solder the other end of the cap to the shielded coax wire. Solder the other end of the coax to your 1/8 phono plug (or BNC) and ground the cable at this end. Now that the cable is in place you are ready to connect it to the 455 KHz source which is D33. It is on the top circuit board near the middle left, not too far from a huge capacitor. Solder the end of the resistor to the cathode of D33. (This should be the top of the standup part) Now you can test it out before you put the cover back on to make sure you did everything correct. You should be able to tune to some local airport or CB frequency on your 2006 and receive the same thing on your shortwave (with it tuned to 455 KHz and hooked up to the 2006 of course). If you tune something on your scanner that is SSB, you should be able to switch your shortwave to SSB and tune in the signal just fine. Beware of one thing, since the 2005/6 only tunes in 5 KHz increments minimum, you may notice from time to time that the signal on your shortwave isn't real clear. It may be that you will need to tune the shortwave anywhere from 451 to 459 KHz to tune in the signal well!

If you don't succeed or this description has you baffled you probably shouldn't be doing the mod in the first place. I assume no responsibility for screwups. Good luck

David

==========

Compiled for garfield.catt.ncsu.edu, world.std.com and other FTP servers by:

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

3496. Re: Software for ICOM R7100

Newsgroup: rec.radio.scanner
Date: 1994-10-09 00:23:01 UTC
From: bsaladino@aol.com
Message-ID: <377d55$t67@newsbf01.news.aol.com>
Source record: 267555

In article <376698$588@aggedor.rmit.EDU.AU>,
t9456079@minyos.xx.rmit.EDU.AU (John Elliot) writes:

>Looking for software for controlling the ICOM R7100<

Hi,

My shareware program, Radio Manager for Windows, controls the Icom R7000,
7100, 9000, etc, and now the Pro-2006 with the OptoScan456.

The program is available as RM.ZIP at the following places...
CompuServe's HamNet Scanning Library
America Online's Ham Radio Area's Software Exchange (30Mhz and Up)
ftp oak.oaklnad.edu /pub/hamradio/pc/ham-utils

Send me email if you would like more detailed information.

Thanks,
Ben Saladino - KC5IRJ
CIS:71052,2416
AOL:BSaladino

3497. RADIO SHACK Pro-2035

Newsgroup: rec.radio.scanner
Date: 1994-10-09 00:32:15 UTC
From: g9153402@huey.csun.edu
Message-ID: <377dmf$1a8@nic-nac.CSU.net>
Source record: 267554

Anyone seen any reviews and/or own a Radio Shack PRO-2035, which is their new 1000 channel base scanner, that probably isn't cellular modifiable, and costs $450.00

Are the reviews bad/good? Does anyone like it/hate it?

3498. Chicago Scanner BBS

Newsgroup: rec.radio.scanner
Date: 1994-10-09 00:52:41 UTC
From: offline@ripco.com
Message-ID: <CxDrru.B53@rci.ripco.com>
Source record: 267556

Chicago Area Scanner / Ham Radio / Commercial Radio BBS

The RF Spectrum 312-581-3850 1200 - 14.4 v.32

Complete FCC Database online for the following states:
Illinois Indiana Michigan Ohio Pennsylvania
New Jersey Tennessee Virginia North Carolina Kentucky

Limited listings for:
Wisconsin Iowa Minnesota Missouri Mississippi

Online Ham Call Sign Database

4.2 gig online 3.6 gig disk 1 CD Rom

Over 16,000 files with more than 5,000 related to radio & scanning

Over 10,000 assorted other files covering technical & other interests.

More comming soon !!!!!

3499. Re: SCANNER BAN/WIRETAP BILL

Newsgroup: rec.radio.scanner
Date: 1994-10-09 01:22:07 UTC
From: jnormandin@umassd.edu
Message-ID: <CxDt4w.3uE@umassd.edu>
Source record: 267558

In article <1994Oct8.031710.22193@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
>jnormandin@umassd.edu (JERRY NORMANDIN) writes:
>:
>: I think most of us have to look out. The Constitution is getting ammended
>: constantly and they are stripping away our rights! Before you know it
>: the right to bear arms will be a thing of the past! ALSO SOON we will be
>: presumed guilty until proven innocent.
>
>You already are. All the cops have to do is claim that they found some
>currently illegal drugs, and they can confiscate everything you possess.
>This includes your bank accounts and retirement savings. They do not
>even have to charge you with any crime. To get the property back, you
>will have to sue in civil court - and prove that the property was not
>purchased with "drug tainted" money. This is rather hard to do, when
>they have confiscated everything.
>
>There have been cases where, after a person was successful in the local
>court, the police simply turned everything over to the feds - where the
>person would have to sue all over again. I have not heard how these came
>out.
>
>: It's getting scary. Too many people are busy watching television and are not
>: into paying attention!
>
>It has been getting scary for over 20 years. Very few people noticed then,
>and most still are not noticing.
>
>Bill

Chaulk one up for the New World Disorder. I tell you, what ever happened to the Miranda Miranda Laws! What about us "honest" citizens? What's going to happen to us?

Did you hear that the new Wiretap law passed!

Newsgroups: rec.radio.scanner
Path: mdcs.umassd.edu!JNORMANDIN
From: jnormandin@umassd.edu (JERRY NORMANDIN)
Subject: Re: SCANNER BAN/WIRETAP BILL
Message-ID: <CxDt4w.3uE@umassd.edu>
Sender: usenet@umassd.edu (USENET News System)
Reply-To: jnormandin@umassd.edu
Organization: UMass Dartmouth, N. Dartmouth, MA.
References: <CxA3uo.AuB@umassd.edu>,<1994Oct8.031710.22193@hpcvaac.cv.hp.com>
Date: Sun, 9 Oct 1994 01:22:07 GMT

In article <1994Oct8.031710.22193@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
>jnormandin@umassd.edu (JERRY NORMANDIN) writes:
>:
>: I think most of us have to look out. The Constitution is getting ammended
>: constantly and they are stripping away our rights! Before you know it
>: the right to bear arms will be a thing of the past! ALSO SOON we will be
>: presumed guilty until proven innocent.
>
>You already are. All the cops have to do is claim that they found some
>currently illegal drugs, and they can confiscate everything you possess.
>This includes your bank accounts and retirement savings. They do not
>even have to charge you with any crime. To get the property back, you
>will have to sue in civil court - and prove that the property was not
>purchased with "drug tainted" money. This is rather hard to do, when
>they have confiscated everything.
>
>There have been cases where, after a person was successful in the local
>court, the police simply turned everything over to the feds - where the
>person would have to sue all over again. I have not heard how these came
>out.
>
>: It's getting scary. Too many people are busy watching television and are not
>: into paying attention!
>
>It has been getting scary for over 20 years. Very few people noticed then,
>and most still are not noticing.
>
>Bill

Chaulk one up for the New World Disorder. I tell you, what ever happened to the Miranda Miranda Laws! What about us "honest" citizens? What's going to happen to us?

Did you hear that the new Wiretap law passed!

3500. Re: Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-10-09 01:23:40 UTC
From: jnormandin@umassd.edu
Message-ID: <CxDt7G.3x5@umassd.edu>
Source record: 267559

In article <375949$cqs@newsbf01.news.aol.com>, robert1159@aol.com (Robert1159) writes:
>In article <36ve68$di5@hopper.acm.org>, mulligan@ACM.ORG (F. Barry
>Mulligan) writes:
>In Austin, we supposedly have a new state of the art air traffic radar
>that is supposed to be so sensitive that it picks up cars on overpasses.
>
>Do yo think that is the source.. like I said. it's is from 154.5 to 156.5
> not above or below those frequencies.
>
Maybe it's an image of the signal, but RADAR works at Microwave frequencys

Newsgroups: rec.radio.scanner
Path: mdcs.umassd.edu!JNORMANDIN
From: jnormandin@umassd.edu (JERRY NORMANDIN)
Subject: Re: Pro-2006
Message-ID: <CxDt7G.3x5@umassd.edu>
Sender: usenet@umassd.edu (USENET News System)
Reply-To: jnormandin@umassd.edu
Organization: UMass Dartmouth, N. Dartmouth, MA.
References: <36ve68$di5@hopper.acm.org>,<375949$cqs@newsbf01.news.aol.com>
Date: Sun, 9 Oct 1994 01:23:40 GMT

In article <375949$cqs@newsbf01.news.aol.com>, robert1159@aol.com (Robert1159) writes:
>In article <36ve68$di5@hopper.acm.org>, mulligan@ACM.ORG (F. Barry
>Mulligan) writes:
>In Austin, we supposedly have a new state of the art air traffic radar
>that is supposed to be so sensitive that it picks up cars on overpasses.
>
>Do yo think that is the source.. like I said. it's is from 154.5 to 156.5
> not above or below those frequencies.
>
Maybe it's an image of the signal, but RADAR works at Microwave frequencys

3501. Re: help locating licensee for freq. in Atlanta area

Newsgroup: rec.radio.scanner
Date: 1994-10-09 01:28:39 UTC
From: jnormandin@umassd.edu
Message-ID: <CxDtFr.44z@umassd.edu>
Source record: 267561

In article <1994Oct7.194147.3584@Princeton.EDU>, chinatti@flagstaff.Princeton.EDU (Stephen Anthony Chinatti) writes:
>I was wondering if anyone has access to the FCC database for Georgia. I
>am trying to locate which paging carrier in the Atlanta area is licensed
>for 931.5625. I have a friend who is moving into the area, and he
>would like to use his pager down there, and he is trying to locate
>the company which operates on that frequency (if indeed there is one).
>If anyone has access to this information, either through the FCC
>database or other means, I would appreciate an e-mail.
>
> Thanks in advance,
> Steve
>--
>Steve Chinatti, EMT
>old: chinatti@tucson.Princeton.EDU preferred: chinatti@corinth.sarnoff.com
Call Grove Electronics, they have an 800 number. They sell CDROMS full of FCC license data! I think it's @$26.00 for a single state or $199.00 for the whole USA

Newsgroups: rec.radio.scanner
Path: mdcs.umassd.edu!JNORMANDIN
From: jnormandin@umassd.edu (JERRY NORMANDIN)
Subject: Re: help locating licensee for freq. in Atlanta area
Message-ID: <CxDtFr.44z@umassd.edu>
Sender: usenet@umassd.edu (USENET News System)
Reply-To: jnormandin@umassd.edu
Organization: UMass Dartmouth, N. Dartmouth, MA.
References: <1994Oct7.194147.3584@Princeton.EDU>
Date: Sun, 9 Oct 1994 01:28:39 GMT

In article <1994Oct7.194147.3584@Princeton.EDU>, chinatti@flagstaff.Princeton.EDU (Stephen Anthony Chinatti) writes:
>I was wondering if anyone has access to the FCC database for Georgia. I
>am trying to locate which paging carrier in the Atlanta area is licensed
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>would like to use his pager down there, and he is trying to locate
>the company which operates on that frequency (if indeed there is one).
>If anyone has access to this information, either through the FCC
>database or other means, I would appreciate an e-mail.
>
> Thanks in advance,
> Steve
>--
>Steve Chinatti, EMT
>old: chinatti@tucson.Princeton.EDU preferred: chinatti@corinth.sarnoff.com

Call Grove Electronics, they have an 800 number. They sell CDROMS full of FCC license data! I think it's @$26.00 for a single state or $199.00 for the whole USA

3502. Re: Pro-43-400 channels

Newsgroup: rec.radio.scanner
Date: 1994-10-09 01:29:54 UTC
From: jnormandin@umassd.edu
Message-ID: <CxDtHw.46L@umassd.edu>
Source record: 267560

In article <375kj7$1s3@ixnews1.ix.netcom.com>, Steve4@ix.netcom.com (Steven Fischer)
writes:
>I've been following this thread loosly for the last couple of days. There seems to
>be a big debate over why someone would need 400 channels or not.
>
>I need at least 400 channels on my Pro-43.
>
>Can someone please tell me how to do this. It is one of the unmodifiable ones (for now)
>but I don't know if this will make a difference.
>
>Please enlighten me. I've had the scanner for four weeks and already run out of
>channels.
>
>Thanks.
>
>Steve
400 channels, MAN. I have 1000 channels and it's still not enough!

Newsgroups: rec.radio.scanner
Path: mdcs.umassd.edu!JNORMANDIN
From: jnormandin@umassd.edu (JERRY NORMANDIN)
Subject: Re: Pro-43-400 channels
Message-ID: <CxDtHw.46L@umassd.edu>
Sender: usenet@umassd.edu (USENET News System)
Reply-To: jnormandin@umassd.edu
Organization: UMass Dartmouth, N. Dartmouth, MA.
References: <375kj7$1s3@ixnews1.ix.netcom.com>
Date: Sun, 9 Oct 1994 01:29:54 GMT

In article <375kj7$1s3@ixnews1.ix.netcom.com>, Steve4@ix.netcom.com (Steven Fischer)
writes:
>I've been following this thread loosly for the last couple of days. There seems to
>be a big debate over why someone would need 400 channels or not.
>
>I need at least 400 channels on my Pro-43.
>
>Can someone please tell me how to do this. It is one of the unmodifiable ones (for now)
>but I don't know if this will make a difference.
>
>Please enlighten me. I've had the scanner for four weeks and already run out of
>channels.
>
>Thanks.
>
>Steve

400 channels, MAN. I have 1000 channels and it's still not enough!

3503. Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-09 01:30:49 UTC
From: tls@gate.net
Message-ID: <377h49$158e@tequesta.gate.net>
Source record: 267557

Tucked away at the end of the Digital Telephony Bill passed last night by Congress is a provision making monitoring of cordless telephone frequencies illegal, the same as celluar freqs.

Any bets on how long it will take for the FCC to require manufacturers to block off another chunk of non-restorable RF spectrum? Get ready to check for "B" suffixes on those ID numbers!

3504. Service symbols?

Newsgroup: rec.radio.scanner
Date: 1994-10-09 02:06:01 UTC
From: shawn4sk1@aol.com
Message-ID: <377j69$1mq@newsbf01.news.aol.com>
Source record: 267562

Anybody conveniently have the entire "official" (if there is such a thing) list of the Service Symbols/Codes? I have alot of them from Radio Shack's Police Call and US Scanner Publication's Frequency Almanac, but I'm seeing several "new to me" ones in freq lists I'm getting- QT, Z something, a few others...

Thanks in Advance! :-)

please respond to: soliver@ozarks.sgcl.lib.mo.us

(not to shawn4sk1@aol.com)

3505. Monitoring 520-760 on PRO-2006

Newsgroup: rec.radio.scanner
Date: 1994-10-09 02:15:08 UTC
From: shawn4sk1@aol.com
Message-ID: <377jnc$1so@newsbf01.news.aol.com>
Source record: 267563

I found this today and was wondering if it would be a _successful_
solution for being able to hear the normally missing 520-760 freqs on a
Pro-2006:

"Image reception is usually an undesired function of a receiver but it
some
cases is useful. Images are common in scanners because their receiver
front ends are not very selective.

To calculate an image frequency you need a couple of pieces of
information.
Mainly, the frequency you want to receive and the first intermediate
frequency
of your scanner. Multiply the IF by two and add or subtract that number
to/from the frequency you wish to hear. If the result is a frequency you
can
program into your scanner, use it. Here's an example used to listen to
aircraft.

My scanner is not designed to be air band programable.
I want to hear 135.4 MHz.
The first IF of my receiver (in the specs) is 10.7 MHz.

2 x 10.7 = 21.4
21.4 + 135.4 = 156.8
135.4 - 21.4 = 114.0 (won't work in my receiver)

I program 156.8 into the scanner and I should be able to hear air traffic
on
135.4. Of course, I also will hear a whoever is using 156.8.

Of course, your scanner must be able to receive AM on 156.8, which
would be a little unusual. Aircraft radios from 118-135.975 use AM in
the US. Most scanners that don't receive aircraft don't have an "AM"
position and aren't able to detect AM signals."

Next question: it says we'ld need to know "the first intermediate
frequency
of your scanner". Can someone clarify what that would be on the 2006?

Thanks In Advance! :-)

Respond to the newsgroup or me at: soliver@ozarks.sgcl.lib.mo.us

(not at shawn4sk1@aol.com)

3506. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-09 02:51:01 UTC
From: hotboat2@aol.com
Message-ID: <377lql$2ga@newsbf01.news.aol.com>
Source record: 267564

In article <376o78$aqv@nic-nac.CSU.net>, g9153402@huey.csun.edu (Berton Corson) writes:

I am also interested in this also. If I find any information that will help you I will
let you know. Also please keep me in the loop and let me know what you find.

Thanks,
HotBoat2

3507. Help With Program For PK-232MBX

Newsgroup: rec.radio.scanner
Date: 1994-10-09 03:03:04 UTC
From: Doran@sv.span.com
Message-ID: <781698855snx@sv.span.com>
Source record: 267566

```
=--------------------------------.---------------------------------------=
| - Bill Doran - | Sound & Vision BBS [+44] (0)1932 252323 |
| InterNet : doran@sv.span.com | The UK's best Internet BBS! |
=--------------------------------.---------------------------------------=
```

3508. Re: MVT 7100 Supplier??

Newsgroup: rec.radio.scanner
Date: 1994-10-09 03:05:21 UTC
From: sbradley@sgb.oau.org
Message-ID: <CxDxwz.CKt@sgb.oau.org>
Source record: 267568
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Michael Fink (habu@gate.net) wrote:

: Javiation:Jonathan Clough
: Tel:011 44 274-732146
: E-mail:clough@javiation.demon.co.uk

I think that should be:

E-mail: clough@javiaton.demon.co.uk

I recall the second i is dropped from the company name in the address.

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

3509. Re: Blue Angels Frequencies NEEDED

Newsgroup: rec.radio.scanner
Date: 1994-10-09 05:58:05 UTC
From: flarsen@garnet.berkeley.edu
Message-ID: <flarsen-081094215805@home.hip.berkeley.edu>
Source record: 267565

In article <376je5$27g@tcsi.tcs.com>, rossr@tcs.com (Ronald Ross) wrote:

> Blue Angels
>

[Snip, snip!]

George Gall <ggall@netlink.nix.com> posted the following to
alt.radio.scanner back on Mon Sep 13, 1993.

All credit (and blame) goes to George Gall for this listing.

Happy listening,

-- Flemming Larsen flarsen@uclink.berkeley.edu

118.100 Unknown Use
118.200 Unknown Use
121.900 Ground Support (refueling)
123.400 Blue Angels - Common Control (?)
141.560 Blue Angels - Maintenance Charlie
142.000 Blue Angels - Maintenance Alpha (AM) - Repeats an Air-to-Air
Channel
142.025 Blue Angels - Maintenance Delta (Repeated on 142.625)
142.260 Unknown Use
142.265 Unknown Use
142.625 Blue Angels - Maintenance Delta (Repeats 142.025)
143.000 Blue Angels - Maintenance Bravo (AM) - Repeats an Air-to-Air
Channel
143.600 Blue Angels - Maintenance (Channel 10 ?)
241.400 Blue Angels - Air-to-Air
245.900 Blue Angels - Air-to-Air
246.400 Blue Angels - Air-to-Air (Soloists ?)
250.800 Blue Angels - Air-to-Air
251.600 * Blue Angels - Aircraft 5 and 6 - The "Soloists" [Preset 8]
251.800 Blue Angels - Aircraft 5 and 6 (?) [Preset 19]
263.350 * Blue Angels - Flight Line Common (Aircraft Maintenance)
263.500 Blue Angels - Air-to-Air
275.350 * Blue Angels - Aircraft 1-4 (The "Diamond")
302.100 Blue Angels - Talkback (?)
302.150 * Blue Angels - All 6 Aircraft [Preset 17]
307.700 * Blue Angels - All 6 Aircraft (Alternate) [Preset 16]
318.900 Blue Angels - Air-to-Air
345.900 Blue Angels - Air-to-Air
348.600 Ground Support (?)

360.400 Blue Angels - Soloists (?)
362.600 Air Show Control (?)
363.350 Possibly a typo on one list of 263.350 (?)
363.500 Possibly a type on one list of 263.500 (?)
382.500 Blue Angels - Air-to-Air
384.400 Blue Angels - Air-to-Air
391.100 Blue Angels - Air-to-Air
391.900 Blue Angels - Air-to-Air
395.500 Blue Angels - Air-to-Air
395.900 Blue Angels - Air-to-Air

* = Heard in San Diego at Blue Angel shows - Confirmed.

251.600 is Aircraft 5/6, the Soloists
263.350 is Flightline Maintenance - "My Plane's Broke, FIX it!"
275.350 is Aircraft 1-4, the Diamond Formation
302.150 is All Aircraft (Used at Friday Show)
307.700 is All Aircraft (alternate - used only in practice this year)

Both 307.700 and 302.150 were used at different times during practice this week - either might be used in the actual shows, or both might.

Note that not all frequencies are used at every airshow, there are a lot of "alternate" channels, to avoid local users on a given channel. Also, during practice, channel usage does NOT conform to actual airshow usage - for instance, 263.350 may be used as air to air, instead of just for calling the mechs on the ground to request repairs on landing.

Don't count on usage listings above - things change, or may have been incorrectly reported.

3510. Questions about Pro 43 and Pro 51

Newsgroup: rec.radio.scanner
Date: 1994-10-09 07:45:21 UTC
From: pgunn@alkali.otago.ac.nz
Message-ID: <pgunn.274.781688721@alkali.otago.ac.nz>
Source record: 267567

I've a mate that is looking to buy one of these in the medium term. I'd be indebted if someone could give me the details on the '43 and the '51.

What bands do they cover? What modulation in those bands? (always AM or NFM or choose like my Yupiteru MVT-7000)? How many memories? Which '43s can be modded for Cell?

Thanx in advance.

Happy Scanning

==========
PGUNN@alkali.otago.ac.nz
MSc (Chem) Student, University of Otago
Southernmost University in the World!
==========

3511. Re: WANTED: Seattle/King Cnty FREQS

Newsgroup: rec.radio.scanner
Date: 1994-10-09 10:46:43 UTC
From: beldar@eskimo.com
Message-ID: <CxEJ61.A1z@eskimo.com>
Source record: 267569

In article <371mi0$rbp@fred.uswnvg.com>,
Jeff Jacobson <jjacobs@uswnvg.com> wrote:
>Does anyone have Seattle and/or King County Police
>freqs they could mail me?
>
>Thanks!
>
>[=-=]
>[Jeff Jacobson = My comments and opinions are]
>[(near) Seattle, WA = my own and in no way reflect]
>[jjacobs@uswnvg.com = those of my employer.]
>[KC7FUP =]
>[=-=]
>
I can't seem to get your email address to work to I'll post this.

****
Seattle Police North 460.075
East 460.125
Downtown/West 460.175
[A[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C[C
Car to Car 460.250
Wants/Warrants 460.425
South 460.475
****
KCPD County 460.200
East 460.225
North 460.325
Southwest 460.400
Southeast 460.450
TAC-1 460.500
TAC-2 460.550
****
WSP Seattle area 155.580
****
beldar@eskimo.com in North Seattle

3512. Re: wx feeds for the computer

Newsgroup: rec.radio.scanner
Date: 1994-10-09 12:41:01 UTC
From: kevinkey@aol.com
Message-ID: <378oct$a14@newsbf01.news.aol.com>
Source record: 267570

In article <71806115wnr@peaksys.demon.co.uk>, roger@peaksys.demon.co.uk (Roger Barker) writes:

> I would like to find out more about how to recieve wx data on shortwave

> and how to transport that data to my computer. I know that people are
> doing it but I haven't been able to find much in the way of info.

You might also want to check and see if there is a local Sky Warn group in your area. If there is, they may have a data feed in the 2 meter band.

Here in Chicago, our skywarn group transmits the entire NOAA Weather Wire on 147.060 MhZ at 300 baud 8/n/1. Other groups may use RTTY or packet.

Kevin

3513. Monitoring SF Fleet Week Show

Newsgroup: rec.radio.scanner
Date: 1994-10-09 14:59:26 UTC
From: jpotts@crl.com
Message-ID: <3790ge$bmd@nntp.crl.com>
Source record: 267572

I found the following frequencies active during the show on saturday.

Airshow control 134.100MHz AM
Blue Angels solo 251.600MHz AM
Blue Angels Formation 275.350MHz AM (a little more act on next)
Blue Angels Formation 307.700MHz AM (most active for formation)
& join up.

Alameda NAS 384.400MHz AM & 127.050MHz AM

USCG vessel traffic for the fleet 156.700MHz
USCG Tactical control 157.175MHz (very active)
USCG coordination 156.300MHz

NPS Rangers 164.800MHz
NPS Police 163.150MHz

I hope this helps your enjoyment of the show.

John Potts

3514. Optoelectronics address

Newsgroup: rec.radio.scanner
Date: 1994-10-09 15:15:23 UTC
From: joelm@eskimo.com
Message-ID: <CxEvpo.1Es@eskimo.com>
Source record: 267491

Can someone post Optoelectronics address and phone number? Also, how much is their catalog when I write them.

Thanks in advance.

Joel

3515. Re: Freq. for 'Deutsche Welle'??

Newsgroup: rec.radio.scanner
Date: 1994-10-09 15:49:04 UTC
From: max@alphanet.demon.co.uk
Message-ID: <781717744snz@alphanet.demon.co.uk>
Source record: 267480

In article <374fhn$la9@nic-nac.CSU.net>
browere@einstein.cs.ucdavis.edu "Eric B." writes:

> I was wondering if some kind soul could post the frequncy(ies) that
> Deutsche-Welle (sp?) broadcasts on. It is a German-language news
> program that I once picked-up on a SW receiver a couple years ago....
>

Hi Eric,

Maybe rec.radio.shortwave may be a better group to try ??

I think you'll find that they transmit on several frequencies
depending on time of day, time of year, time in sunspot cycle
and target coverage area.

Sorry to be so vague.

Regards.

MAX.

3516. Re: Wanted: R7000/R7100

Newsgroup: rec.radio.scanner
Date: 1994-10-09 15:57:27 UTC
From: crisp@netcom.com
Message-ID: <crispCxExnr.F0H@netcom.com>
Source record: 267574
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner

In article <36k172INNk5c@gulfaero.com> Ken Terry <ken_terry@macmail.eng.gulfaero.com>
writes:
>>I wouuld like to purchase and ICOM R7000 or R7100.
>
>Do you know if the 7100 can receive the NOAA APT/AVHRR signals with
>success? I am not familiar with the bandwith on this unit, satellite
>signals need to be received within a specific bandwith. Looking into
>recommending this unit to a friend that wants to receive APT/AVHRR
>signals without the cost of the R9000.
>
>Thanks
>Ken
>ken_terry@macmail.eng.gulfaero.com

it's a pretty trivial matter to replace the medium bandwidth filter
in the R7xxx receivers with one that is 30KHz wide. This will give
pretty good results on APT satellites from my experience.

On the other hand it is a lot cheaper to buy a cheap scanner
and do the same thing: and you have a dedicated setup which
is much nicer than having to swap antennas to use yhour r7xxx
for the other purposes it performs so well at.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3517. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-09 16:08:39 UTC
From: crisp@netcom.com
Message-ID: <crispCxEy6F.Fr3@netcom.com>
Source record: 267475
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <Cx2p1E.2zw@nntpa.cb.att.com> parnass@ihlpf.att.com writes:
>In article <36nfks$1hi@eri.erinet.com>,
>Kennith Sprinkles Jr. <kenneth@eri.erinet.com> wrote:
>
> >In the ads for the Icom R-7100 the frequency range says 25 - 2000mhz.
> >Now my question is is this 25khz or what. I am new to this and looking
> >for a good scanner that covers just about everything and this looks like
> >a good choice, any comments or suggestions would be appreciated.
>
>
>The R-7100 freq coverage starts at 25 MHz. I read that the
>latest versions omit 800 - 900 MHz, but I cannot verify this
>as I bought mine a while ago.
>

I was in Japan last week and stopped in Akihabara to check out
radios. I discovered the R7100s offered for sale cleverly delete
only the cellular frequencies, retaining the other 800mhz freqs.

However the sales dox indicate they stop coverage at 1000mhz and
pick up again at 1300mhz. I did not notice this behavior when I
twiddled the dial.

After I walked away, I remembered that I wanted to check to see if
the Japanese model deleted the 3xxmhz Japan cordless frequencies,
but it was too late in the day for me to go back to check. Next
time perhaps!

One last thing: I did find a few of the original full coverages
ones there for sale, $1150 was the asking price.

Too bad I was not confident I would clear customs with them. Otherwise
it would have been damn tempting......

--
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-Will Rogers

3518. Re: HR4922 Reply from my Representative

Newsgroup: rec.radio.scanner
Date: 1994-10-09 16:14:07 UTC
From: crisp@netcom.com
Message-ID: <crispCxEyFJ.G17@netcom.com>
Source record: 267476
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

In article <36v37g$2a0@nyx10.cs.du.edu> gcortevi@nyx10.cs.du.edu (Greg Corteville) writes:
>this subject.
>
> I understand your concern in this matter. The purpose of this
>legislation is _not_ to ban radio scanners for use by hobbyists or make
>it unlawful to use your radio scanner to listen to the various public
>service bands. What the legislation does do is to clarify and expand
>the already existing law making it illegal to use or own a radio scanner
>for the express purpose of _committing a crime or fraudulent act_. The
>reason for the clarification is that some criminals use the scanners to
>listen to private cellular phone conversations to get an individual's
>phone id number. They can then use this number to make phone calls to
>anywhere around the globe at the original owner's expense or sell this
>information to others to use for this purpose.

What the (dis?) Honorable Mr. Levin did not tell you is that such fraud
is already illegal. There are numerous Federal and State statutes which
already codify theft of service, wire fraud etc. We do not need another
law on the books which codifies acts already illegal. Vote this schmuck
out of office in November!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
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-Will Rogers

3519. Cordless Snooping Outlawed?

Newsgroup: rec.radio.scanner
Date: 1994-10-09 16:36:53 UTC
From: fd@wwa.com
Message-ID: <379675$2q4@sashimi.wwa.com>
Source record: 267573
Cross-posted to: rec.radio.scanner,alt.radio.scanner

So, the Digital Wiretap Act outlawed the monitoring of Cordless Phone Calls? Same as Cellular Now? Or, what?

SEC. 202. CORDLESS TELEPHONES.
(a) Definitions.--Section 2510 of title 18, United States Code, is amended--
(1) in paragraph (1), by striking ", but such term does not include" and all that follows through "base unit"; and
(2) in paragraph (12), by striking subparagraph (A) and redesignating subparagraphs (B), (C), and (D) as subparagraphs (A), (B), and (C), respectively.
(b) Penalty.--Section 2511 of title 18, United States Code, is amended--
(1) in subsection (4)(b)(i) by inserting "a cordless telephone communication that is transmitted between the cordless telephone handset and the base unit," after "cellular telephone communication,"; and
(2) in subsection (4)(b)(ii) by inserting "a cordless telephone communication that is transmitted between the cordless telephone handset and the base unit," after "cellular telephone communication,".
--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
KEVIN MITNICK DISGUISE KIT: From your fax: (708) 356-9646 doc #903
email for uuencoded .TIF of T-Shirt Honoring the FBI

3520. Re: HR4922 Reply from my Representative

Newsgroup: rec.radio.scanner
Date: 1994-10-09 16:38:05 UTC
From: crisp@netcom.com
Message-ID: <crispCxEzJI.3A5@netcom.com>
Source record: 267478
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

In article <crispCxEyFJ.G17@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>In article <36v37g$2a0@nyx10.cs.du.edu> gcortevi@nyx10.cs.du.edu (Greg Corteville)
writes:
>>this subject.
>>
>> I understand your concern in this matter. The purpose of this
>>legislation is _not_ to ban radio scanners for use by hobbyists or make
>>it unlawful to use your radio scanner to listen to the various public
>>service bands. What the legislation does do is to clarify and expand

What he also did not tell yo is that the purpose of the RICO statutes
was not to block anti-abortionists from blocking abortion clinics, but
that is what the law is now being used for. Again intent and wording are
different. We do not need this clause in the Digital Wiretap law, get rid
of it and the sponsors and those that support this legislation.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3521. Hit list for November elections

Newsgroup: rec.radio.scanner
Date: 1994-10-09 16:44:40 UTC
From: crisp@netcom.com
Message-ID: <crispCxEzuG.3op@netcom.com>
Source record: 267479
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

ok netters, here it is about a month away from the mid term elections
and a damn good time to review who has been supporting legislation
that is attacking our hobby.

I propose that we make a state by state list of those that are our
enemies and that we post that list right here so we all know who
we do not want to vote for.

If anyone would like to gather names up and email to me I will be hap[py
to compile what is sent and post it for all of us to see.

Our fine representitive Don Edwards who is a co-author of the Digital
Wiretap bill is retiring, so we have already disposed of this worthless
piece of trash. Now it is time to put a list together of those that
suported and voted for the Digital Wiretap bill.

I just returned to the US from a two week trip overseas and believe
I heard that the Digital Wiretap bill passed the Senate. Is this
correct? If so can someone send me a pointer to the list of how
the votes were cast?

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
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-Will Rogers

3522. Re: Cordless Snooping Outlawed?

Newsgroup: rec.radio.scanner
Date: 1994-10-09 18:02:05 UTC
From: g9153402@huey.csun.edu
Message-ID: <379b6t$hds@nic-nac.CSU.net>
Source record: 267477
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Glen L. Roberts (fd@wwa.com) wrote:
> So, the Digital Wiretap Act outlawed the monitoring of Cordless Phone
> Calls? Same as Cellular Now? Or, what?

...Who the heck knows. Probably coming next are regulations from the
FCC prohibiting 'Cordless Telephone Capable Scanners'. They'll soon
be so many holes in a scanner's capabilities, that they won't be worth
buying anymore. But with images found on less-expensive scanners, you
for sure will find cordless telephone calls even on crippled scanners.
A totally unenforceable law, to prevent public snooping, brought to you
by the biggest snoopers out there: The U.S. Government, who want
things like clipper encoding, allowing them the only entity to hear
scrambled transmissions. All in the name in National security, or
preventing drug trafficking. (Don't believe that, either).
But I wish I knew what else is coming. Probably some law outlawing
listening to dogs barking at one another, because their conversations
are somehow encoded, and dog barking thus should be considered
private communications.

arf, arf.. (I'm not telling you what I just said.)

3523. Re: Pro-43 Mod. - Success!!!

Newsgroup: rec.radio.scanner
Date: 1994-10-09 18:03:11 UTC
From: brgrant@aloha.com
Message-ID: <379b8v$fqj@mango.aloha.com>
Source record: 267482

Robert E. Edmunds (az342@FreeNet.Carleton.CA) wrote:

: Well, finally got up enough nerve last night to try the cellular mod
: on my Pro-43.

: Everything went good until I actually saw the size of the diode I had
: to remove---WOW are they ever small!!

: With fingers crossed, I managed to remove the diode with no serious
: side effects to the scanner (I won't mention the little accident
: involving the soldiering iron and my pinky finger).

: The moral of this story is - if -I- can do this (being
: electronically challenged as I am), then anyone can - it's not really that
: hard!!!!

Well I did the same thing. After taking my Pro 43 to several shops to
get modified (at prices rangeing from $64 - $122 per hour (one hour
minimum)) I decided to have a go myself.

It cost me $24.00 to buy a soldering iorn, solder, some screwdrivers and
a solder sucker, and I got a book out of the libary on how to solder.

Well I opened up the case and took out the 8 screws and the plate no problem
but the size of those diodes WOW!! They seem to have shrunk a lot since I last
saw one in 1977 :).

Well I used a pair of tweezers to lift the diode off the board and
managed to get it back into the the slot next too it. The end result is
fantastic :)). Every thing works just dandy.

The moral of this story is if I can do it then anyone can.

Brian

--
--
\|/ ____ \|/ Never drive faster than your gardian angle can fly.
@~/ ,. \~@ =-=
/_(_ /)_\ Brian Grant 1D FB 7B E0 B8 D3 2B 51 E1 89 41 A1 C2 5D D2 64
__U_/ brgrant@aloha.com PGP key on server

3524. Re: Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-10-09 18:16:23 UTC
From: mulligan@ACM.ORG
Message-ID: <379c1n$9qd@hopper.acm.org>
Source record: 267481

robert1159@aol.com (Robert1159) posted:

> In article <36ve68$di5@hopper.acm.org>, mulligan@ACM.ORG (F. Barry
> Mulligan) writes:
> In Austin, we supposedly have a new state of the art air traffic radar
> that is supposed to be so sensitive that it picks up cars on overpasses.
>
> Do yo think that is the source.. like I said. it's is from 154.5 to 156.5
> not above or below those frequencies.

I did _not_ write any of the above. Would someone at AOL please fix their
quoting mechanism !
/* barry /&

3525. pro43 vs bearcat 200xlt

Newsgroup: rec.radio.scanner
Date: 1994-10-09 20:04:35 UTC
From: BRUCE@BUMETA.BU.EDU
Message-ID: <379icj$qpv@news.bu.edu>
Source record: 267483

I'm new to scanning and am interested in buying a handheld
scanner. Either the pro43 or bearcat 200xlt seem to meet my needs
(200 channels, 800 mhz - but not necessarily cellular etc) but
at approx $100 difference in price I wonder if the pro43 is really
much better than the bearcat. Are there any other scanners I should
be considering? Does anyone know of any published reviews of
handheld scanners? Also I see some used bearcat 200's advertised
locally, is there a difference between the 200 and the 200xlt?
Any other comments would be appreciated.

bruce

3526. South bend/Washington Nat

Newsgroup: rec.radio.scanner
Date: 1994-10-09 20:19:03 UTC
From: jstone@iglou.iglou.com
Message-ID: <1994Oct9.201903.15812@iglou.com>
Source record: 267484

To: 31mangla@wmich.edu (Usman A. Mangla)
Subject: South bend/Washington National (DC)/AA

>From: 31mangla@wmich.edu (Usman A. Mangla)

>Can someone please post/mail frequencies for South Bend airport and
>Washington National (DC) airport. Also, has anyone had experience
>with taking a scanner on an American Airline flight. Do they allow you
>listen to it during the flight or not?

>Thanks, Usman

When I lst ttok an American flight the stewardess pitched a fit cause I
was listening to my scanner, she said that no airlines allowed scanner
use on aircraft, so I showed her my copy of the Delta policy. She
still insisted that I turn off scanner, so I did. But hey, give it a
try!

Freqs. for Washington Natl.:

Unicom:122.95
Atis: 132.65
RDO: 122.0, 122,2, 122.6, 122.1
App con: 118.3, 119.85, 124.2, 124.7
TWR: 119.1, 120.75.110.0
Gnd con: 121.7
Dep con: 121.05, 118.9, 126.55, 125.65
Clnc del: 128.25

Hope this helps,

John Stone

 QMPro 1.52 They're baaack.....The SRs are coming back!

--

3527. ##### PRO-43 HAS BEEN SOLD

Newsgroup: rec.radio.scanner
Date: 1994-10-09 21:42:09 UTC
From: kipt@ripco.com
Message-ID: <CxFDMA.4sG@rci.ripco.com>
Source record: 267485

the pro-43 has been sold. thank you for all your messages concerning the unit.

--

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3528. Re: Hit list for November elections

Newsgroup: rec.radio.scanner
Date: 1994-10-09 22:15:27 UTC
From: tls@gate.net
Message-ID: <379q1v$18v3@tequesta.gate.net>
Source record: 267486
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Richard Crisp (crisp@netcom.com) wrote:

: I just returned to the US from a two week trip overseas and believe
: I heard that the Digital Wiretap bill passed the Senate. Is this
: correct? If so can someone send me a pointer to the list of how
: the votes were cast?

You are right. The listening to cordless telphones on your scanner will
be illegal just as soon as Billary signs the law (S.2375/H.R.4922).

The Senate did not leave any fingerprints on this on. They passed it on a
voice vote after the deal was worked out in the back room.

3529. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-09 22:45:32 UTC
From: merlin@neuro.usc.edu
Message-ID: <379rqc$4sb@neuro.usc.edu>
Source record: 267487
Cross-posted to: rec.radio.scanner,alt.2600,misc.legal,la.general

>After reading, and thinking, about this, I will be writing the Calif.
>Atty General's Office, Telemarketing Unit, 300 S Spring St. 5th Floor,
>Los Angeles, CA 90013, about my experiences being lied to/ripped-off
>by these firms. I would also like to see some local televisions news
>stations shop theses stores, to show how these retailers just thumb
>their noses at the law. I would suggest all those reading this, to do
>the same also.

I spoke with an analyst at the California Attorney General's Office --
he said the imposition of the requirement that the cellular telephones
be programmed before leaving the store is indeed a violation of Calif.
Business & Professions Code 17026.1 that explicitly forbids a store to
require "activation ... by any cellular provider" -- this requirement
is legally the same thing as requiring activation. Moreover, charging
a fee for programming the phone where no additional fee was explicitly
mentioned in the advertisement violates state and federal laws which
forbid false/deceptive/misleading advertising because the advertisement
explicitly says the price of the phone is $69.00 (maybe $94.00 if there
is an actual rebate [not just an application fee waiver]) -- yet when
you try to buy the phone store personnel try to charge $100 more than
the advertised price. Finally, as noted earlier in this subject string
store employees are told by some firms to lie about phones being out of
stock if a customer even hints he doesn't want activation.

All of these business practices fall under the general category of what
the state calls unfair business practices because they attempt to get
the public into the store by offering bargain basement pricing on the
phones -- but when you get into the store the price is suddenly double
or even more than double the advertised price. These business practices
are dishonest -- and the people who are responsible for directing other
store personnel to participate in deceiving the public should serve some
significant time in jail (six months for each documented deception) and
pay some huge fines for violating state and federal law concerning cell
telephone sales.

If you or your friends have ever tried to buy a cellular telephone which
was advertised in the media or marked in the store at a bargain price --
and store personnel claimed the phone was not in stock or imposed a fee
(programming fee, deprogramming fee, contract termination fee, etc) - or
if the store required programming (the same thing as requiring activation)
then write to the address provided by the Attorney General's Office:

Office of the Attorney General
Public Inquiries Unit

Sacramento, CA 94244-2550

Describe the date, place, salesman, advertisement, marked price, additional fees and/or claim that the phone was out of stock as accurately as possible. Indicate that you have heard via the network similar practices seem to be rampant among several big Los Angeles cellular telephone sales organizations (Affordable Portables, Adrays, and other vendors have been mentioned here) -- and ask that investigators be assigned to (1) walk into the store asking to buy some advertised bargain basement cellular phone without activation -- to be followed by (2) another team trying to buy the same phone w/activation.

These people belong in jail. They are knowingly violating state and federal law. The most severe sanctions (fines & jail terms) should be imposed. The investigators might even be able to take in the management or owners of the stores under criminal conspiracy statutes. The stores may even be forfeited (taken over by the government) under the organized crime & racketeering laws.

It is one thing for a single salesman unabetted by his management to lie to & deceive the public. It is something else again for senior management & owners to promote a highly organized routine practice of deceiving the public. I say we should assess the highest possible fines, put them in jail, and confiscate any stores/personal assets which were obtained in part by deceiving the public.

3530. Notre Dame Freq?

Newsgroup: rec.radio.scanner
Date: 1994-10-09 23:06:13 UTC
From: leyden.3@nd.edu
Message-ID: <379t15$23m@news.nd.edu>
Source record: 267488

Anyone have the freq. for the police at the University of Notre Dame.
I have the one's listed in Police Call, but don't hear much on those.
I was wondering if they may be listed as something else?

Andrew Leyden, ND Law '97

"I'm here to study law for the Irish..." to paraphrase Rudy

3531. looking 4 conn media/news frequ's

Newsgroup: rec.radio.scanner
Date: 1994-10-09 23:14:55 UTC
From: lepp225@news.delphi.com
Message-ID: <379thf$b1f@news.delphi.com>
Source record: 267489

HI, I looking for news/ media frequency for the state of Connecticut.
I travel every day in to Ct and was looking 4 any good frequ's that
would help me in my travel. My travel are to Stratford Ct. and then back
to the NYC area, to which i have most frequ's that help me. But most
NYC radio stations do not cover Ct. as good as i need.
I know that WEBE 108 and WICC 60 in Bridgeport uses some type of
chopper to report traffic. If you could post any frequ's for any choppers
and any affiliates of NBC,CBS,ABC in the state.

Thanks in advance.

please post in here!~!~!

---

post by lepp225@delphi.com

3532. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-09 23:21:24 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct9.232124.29486@hpcvaac.cv.hp.com>
Source record: 267490
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

jnormandin@umassd.edu (JERRY NORMANDIN) writes:

: MAKE SURE YOU USE CAUTION WHEN YOU USE THE RADAR GUN!! THEY CAUSE CANCER!
: That's why Laser RADAR is now used!

There have been some claims that they cause cancer. It is by no means documented.

Laser is used because it is much harder to detect. The cops feel there are too many radar detectors on the road. They feel that this makes their revenue^h^h^h^h^h^h^hsafety enhancement efforts futile.

Bill

3533. Re: Cordless Snooping Outlawed?

Newsgroup: rec.radio.scanner
Date: 1994-10-10 00:14:35 UTC
From: sbradley@sgb.oau.org
Message-ID: <CxFKoC.AGD@sgb.oau.org>
Source record: 267492
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Glen L. Roberts (fd@wwa.com) wrote:
: So, the Digital Wiretap Act outlawed the monitoring of Cordless Phone
: Calls? Same as Cellular Now? Or, what?

Well, what does this really change? I know I will CONTINUE to listen to my cordless neighbors, heck I even have the outlawed speech inversion descrambler to listen to the "expensive / private" models. Since I already enjoy a good evening's worth of CELLULAR, I do not give a sh*t about such new legislation.

So, WHO is going to obey the new law, I know I sure d*mn WON'T!

Anyone care to second this?

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

3534. MVT 7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-10 00:41:00 UTC
From: marc.tebeka@spacebbs.com
Message-ID: <6.12796.1585.0NAEAFA1@spacebbs.com>
Source record: 267494

For sale Yupiteru MVT 7100 Multiband Receiver.
Almost never used. Comes with original box, antena,
rechargable bateries, and AC adapter.

Send email to marc.tebeka@spacebbs.com if interrested.

Marc

 RM 1.3 01807

3535. Re: Hit list for November elections

Newsgroup: rec.radio.scanner
Date: 1994-10-10 01:04:33 UTC
From: Kevin Martinez <lps@rahul.net>
Message-ID: <CxFMzL.3xp@rahul.net>
Source record: 267497
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

crisp@netcom.com (Richard Crisp) writes:

>Our fine representitive Don Edwards who is a co-author of the Digital
>Wiretap bill is retiring, so we have already disposed of this worthless
>piece of trash. Now it is time to put a list together of those that
>suported and voted for the Digital Wiretap bill.

Good old Benedict Edwards! What kind of political pressure is
applied to someone that is not seeking reelection and intends to
retire? Is it a matter of financial pressure? He retired on friday with
one last stab-in-the-back to the taxpayers. Of course, we as taxpayers
must fund this self-back-stabbing because it is now the Law. Perhaps some
future, enlightened (hahahaha) session of Congress can rescind his
pension or benefits.

>I just returned to the US from a two week trip overseas and believe
>I heard that the Digital Wiretap bill passed the Senate. Is this
>correct? If so can someone send me a pointer to the list of how
>the votes were cast?

It did pass and I believe there were *no* dissenting votes!
--

Kevin Martinez Fear the Government that fears your Scanner!
lps@rahul.net I owe all my success to Roly Poly Fish Heads!

3536. Re: Cordless Snooping Outlawed?

Newsgroup: rec.radio.scanner
Date: 1994-10-10 01:15:31 UTC
From: tharrell@opus.nmsu.edu
Message-ID: <37a4jj$cns@dns1.NMSU.Edu>
Source record: 267493

Glen L. Roberts (fd@wwa.com) wrote:
> So, the Digital Wiretap Act outlawed the monitoring of Cordless Phone
> Calls? Same as Cellular Now? Or, what?

Why won't the American Radio Relay League get their collective heads out of the sand and try fighting stupid legislation for once??? Just because these bills don't immediately affect amateur radio right now doesn't mean that precedents may be set for affecting it later on.

They're about the only group out there with the clout or ability to fight or change stupid legislation like this, but keeping their 'hams only' attitude isn't going to help when that's all there is to listen to in the future.
--
--
| T.J. Harrell III http://rever.nmsu.edu/~weasel weasel@acca.nmsu.edu |
| NRA KC5??? (in mail) Beware of geeks bearing .gifs... |
--

3537. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-10 02:15:53 UTC
From: jnormandin@umassd.edu
Message-ID: <CxFqAJ.Hoy@umassd.edu>
Source record: 267496

In article <377h49$158e@tequesta.gate.net>, tls@gate.net (Terry Steinford) writes:
>Tucked away at the end of the Digital Telephony Bill passed last night by
>Congress is a provision making monitoring of cordless telephone
>frequencies illegal, the same as celluar freqs.
>
>Any bets on how long it will take for the FCC to require manufacturers to
>block off another chunk of non-restorable RF spectrum? Get ready to
>check for "B" suffixes on those ID numbers!
Most scanners are modifyable no matter what!
And if it is not modifiable at all then that product will not sell
since AOR products can be altered easily!
The AR1500 has wide coverage .5Mhz to 1300Mhz.
Well all of you on the net will find quality full coverage
scanners no matte what the laws are.

When I bought my AOR AR1500 there were not any laws restricting such
recievers. I picked it up for WEFAX satellite reception. PLus I picked
up a downconverter for 1.6Ghz.

It's getting pretty scary that our lives are becoming more and more censored.

fx

3538. Re: Hit list for November elections

Newsgroup: rec.radio.scanner
Date: 1994-10-10 02:29:33 UTC
From: jnormandin@umassd.edu
Message-ID: <CxFqxC.J21@umassd.edu>
Source record: 267499
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <crispCxEzuG.3op@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
>ok netters, here it is about a month away from the mid term elections
>and a damn good time to review who has been supporting legislation
>that is attacking our hobby.
>
>I propose that we make a state by state list of those that are our
>enemies and that we post that list right here so we all know who
>we do not want to vote for.
>
>If anyone would like to gather names up and email to me I will be hap[py
>to compile what is sent and post it for all of us to see.
>
>Our fine representitive Don Edwards who is a co-author of the Digital
>Wiretap bill is retiring, so we have already disposed of this worthless
>piece of trash. Now it is time to put a list together of those that
>suported and voted for the Digital Wiretap bill.
>
>I just returned to the US from a two week trip overseas and believe
>I heard that the Digital Wiretap bill passed the Senate. Is this
>correct? If so can someone send me a pointer to the list of how
>the votes were cast?
>
>--
>Richard Crisp Cupertino, Ca. crisp@netcom.com
>(415) 903-3832 wk (408) 253 4541 fax
> For PGP Public Key, type finger crisp@netcom.com
>"It is a good thing that we do not get as much government as we pay for"
> -Will Rogers
I heard on Shortwave Radio.. I believe it was from the Netherlands that
the Wiretap bill passed. reaction from the Netherlands was one of astonishment!

rjbv

3539. In market for Scanner.

Newsgroup: rec.radio.scanner
Date: 1994-10-10 02:37:44 UTC
From: hobbsy@adam.com.au
Message-ID: <37a9do$p0q@adam.com.au>
Source record: 267495

I am intending on buying a new scanner in the next few weeks and was
wondering which model would be best.
Now I realise that many of you have personal preferances in regards to
brands so I am interested in any comments.

I am after a 400 Channel hand held,
with freq coverage of 25-1300mhz with hyperscan.
I have recently seen a Uniden 2500xlt which seems to be just what I am
looking for and comments on this unit would be appreciated.

Kym Hobbs
(hobbsy@adam.com.au)

3540. Re: 10-Codes Needed!

Newsgroup: rec.radio.scanner
Date: 1994-10-10 02:40:02 UTC
From: Chris Hall <chall@server0>
Message-ID: <Pine.SUN.3.90.941009223411.4030A-100000-100000-100000-100000@server0>
Source record: 267498

> -=> Quoting Christopher M Grawburg to All <=-
>
> CMG> Would someone please email me a copy of the US 10-codes. I've lost the > CMG> list I had of them!
>
> Hi, Chris...
> The problem with 10 codes in the US is that they are not the same across
>the United States. Some depts use the codes differently than another dept.
>10-1 in one area may mean good signals and could mean a fight in progress
>in another area.
>
That is absolutely right. There is a file of 10-codes at
wiretop.spies.com
I don't remember where, in the library subdirectory. It is for
California and Mississippi.

> If you could be more specific in what dept or state you are in, you may
>get more accurate responses. :)
>
I have listenned to many 10-codes over the police in Charlotte, NC
that don't even remotely make sense to what they are talking about (on the
above file).
Anybody have one for anywhere else??

> Take it EZ...Jerry

3541. Re: D4 is already missing on new Pro43

Newsgroup: rec.radio.scanner
Date: 1994-10-10 02:40:42 UTC
From: sbradley@sgb.oau.org
Message-ID: <CxFrFy.DAK@sgb.oau.org>
Source record: 267503

Richard Hoffbeck (RWH@CCCS.UMN.EDU) wrote:

: I think the PRO-51 adequately demonstrated that the burdon is going to fall on
: the manufacturer. Company x asserts that its new scanner is not easily
: modified. The FCC grants type acceptance. John Q Public finds a way to modify
: it to recieve cellular frequencies. Company x ends up recalling its new
: scanner and shipping the units to Canada.

Then company "x" makes it's money off the U.S. John Q. Public importing them
from such fine companies as Atlantic in Canada who guarantee in writing, if
it fails to arrive, you owe nothing. So basically, all this amounts to is a
detour of the radio / scanner back to the U.S. Oh well...

See any issue of Monitoring Times for written guarantee ! :-)

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

3542. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-10 02:46:23 UTC
From: jnormandin@umassd.edu
Message-ID: <CxFrpD.Kr6@umassd.edu>
Source record: 267502
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <1994Oct9.232124.29486@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
>jnormandin@umassd.edu (JERRY NORMANDIN) writes:
>
>: MAKE SURE YOU USE CAUTION WHEN YOU USE THE RADAR GUN!! THEY CAUSE CANCER!
>: That's why Laser RADAR is now used!
>
>There have been some claims that they cause cancer. It is by no means
>documented.
>
>Laser is used because it is much harder to detect. The cops feel there are
>too many radar detectors on the road. They feel that this makes their
>revenue^h^h^h^h^h^h^hsafety enhancement efforts futile.
>
>Bill
>
Man,
My first job after college was as an engineer at Lincoln Lab with the LASER Group! Lasers are easily "absorbed". They use a frequency of light that is easily absorbed with g.$a#*)(@@@@ , I don't want to get into trouble. Also LASER RADAR can be jammed just like Microwave RADAR! You transmit the calibration signal!

NOW AS FAR AS CANCER GOES.... TALK TO ANY SEASONED HAM! even 73cm is harmfull with handhelds! if 440Mhz causes cancer imagin what a flip phone does at 820Mhz!

Rhode Island and Conneticut State Police did a study and the cancer rate is alarming!

the circuitry used to drive the LASER DOPPLER RADAR is also hazardous though, the LASER is pulsed at @1Ghz!

I suggest you read up on bio physics!
all matter, including our cell structure is bipolar.
that's why gravity has an effect on our body

It's been found that if the magnetic field gets stimulated while our cells divide.... well the DNA code can get mangled the cell forms a mass.. it forgets to die after it split 50 times

Thats why children who live near high power lines or well...
you draw the conclusion... birth defects al that stuff

I don't know about you but I wouldn't want a 250Watt RADAR sitting on my lap

and yep that's how some cops used it for speed!

laster isghLASEW blocked

3543. Beg. Q on double/triple conversion

Newsgroup: rec.radio.scanner
Date: 1994-10-10 03:05:36 UTC
From: browere@einstein.cs.ucdavis.edu
Message-ID: <37ab20$i74@nic-nac.CSU.net>
Source record: 267500

I was wondering if somebody could explain the concepts of double/triple conversion. A simplified schematic for such a circuit (along with a general description) would also be GREATLY appreciated.

In addition, is triple conversion ALWAYS worth the extra $s (I spend my summers in L.A.) and how inexpensively can one pick-up such a scanner?

Thanks aplenty!

Eric

3544. Re: Pro-43 Mod. - Success!!!

Newsgroup: rec.radio.scanner
Date: 1994-10-10 03:09:04 UTC
From: leigh@coyote.rain.org
Message-ID: <37ab8g$3c7@coyote.rain.org>
Source record: 267501

I've seen one posting suggesting that PRO-43 scanners that have a letter in their serial numbers can't have cellular freqs restored. Do either of you have a 43 like that? I hope that rumor ain't true, because I'd like to get a PRO-43 when I can afford one.

--Leigh/KM6JE in Santa Barbara.

3545. Aor 8000 -Info Needed

Newsgroup: rec.radio.scanner
Date: 1994-10-10 04:26:20 UTC
From: vhealey@crl.com
Message-ID: <vhealey.95.00047086@crl.com>
Source record: 267429

The new handheld Aor 8000 with new scanner features.
Is it finally shipping to the USA? If so who has it and at what cost?
Any user observations pro/con?

Vic Healey Ki4je

3546. Radar Gun (K-Band)

Newsgroup: rec.radio.scanner
Date: 1994-10-10 05:42:28 UTC
From: co722@cleveland.Freenet.Edu
Message-ID: <37ak84$hsi@usenet.INS.CWRU.Edu>
Source record: 267504
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

This is being posted for a friend. I can answer as many questions as
I know the answers for, via E-mail.

For Sale

K-Band Radar *GUN* unit.

Operates on 24Ghz
(Some may be tempted to alter the radio to work in the ham-band, this
is why this has been cross posted to .homebrew and .equipment)
Runs off 12VDC (Comes with 12VDC Cigarette Lighter Plug)

This has been advertised on various newsgroups before, but the seller
lost their net access along with all prospective purchasers.

(2 or 3 were interested and bidding)

Their addresses have been lost along with the mailbox of the account
which was nuked.

If you are interested, simply reply here. I'm helping my friend sell
this unit.

*** Possible Items for Trade or Trade w/Cash ***

-Mobile scanner with 46mhz, VHF, UHF, 800 including Cel Tel, Etc.
-Dual Band 2m/440 Mobile radio with detachable faceplate.

*** Asking Price ***

$250 Cash (Repair shop lists this unit at $500)

Purchaser pays all s&h, No COD's.
^
^- Thus purchaser chooses options of shipper, insurance, etc.

"I've used this unit various times to clock different targets. It has
come in very handy for a friend who was clocking his high performace
car at the track. "

(You could acctually clock cars at a race with this if you bought an
easy to carry 12vdc power source)

*** All interested replies ***

Direct your replies to me via e-mail at:

br260@po.cwru.edu

If you have problems with the above address, you can send mail to:

root@b63062.cwru.edu (ONLY if the above address does not work)

If sending mail to the root address, make the subject of your
mail state: Pass this on to the old 'jbourne'

Thanks!

3547. Re: Optoelectronics address

Newsgroup: rec.radio.scanner
Date: 1994-10-10 06:41:12 UTC
From: tjmiles@delphi.com
Message-ID: <RE1Vp9I.tjmiles@delphi.com>
Source record: 267505

Joel McNamara <joelm@eskimo.com> writes:

>Can someone post Optoelectronics address and phone number? Also, how
>much is their catalog when I write them.

Joel,
The address for Optoelectronics is: 5821 Northeast 14th Avenue - Fort
Lauderdale, Florida 33334. Phone #s: (305) 771-2050, Order line (800) 327-5912,
Fax (305) 771-2052.
I got this info off the catalog they sent me with an order I had received
a while back -- so I got it for free. But, it doesn't have a price anywhere
on it, so give them a call and they'll probably just send one out to you.

Terry

3548. Re: SCANNING THE ROAD

Newsgroup: rec.radio.scanner
Date: 1994-10-10 07:21:27 UTC
From: jeang@freenet.vancouver.bc.ca
Message-ID: <37aq1n$h4j@freenet.vancouver.bc.ca>
Source record: 267506

Send it to me too please.

3549. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-10 07:56:13 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct10.075613.7018@hpcvaac.cv.hp.com>
Source record: 267509
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

jnormandin@umassd.edu (JERRY NORMANDIN) writes:
: My first job after college was as an engineer at Lincoln Lab with the
: LASER Group! Lasers are easily "absorbed". They use a frequency of
: light that is easily absorbed with g.$a#*)(@@@@ , I don't want
: to get into trouble. Also LASER RADAR can be jammed just like
: Microwave RADAR! You transmit the calibration signal!

It can be absorbed - at least most of it can - if you are willing to
paint the complete front end of your automobile with the proper substance.
Windshields will also, in many cases, return a sufficiently strong signal.

If they have a calibration signal. If they are using T and D radar, then
there is no such signal. Even if there was, the officer would know what
was happening, just as they know with current radar. Such jamming happens
to be highly illegal, for a number of reasons, and is likely to get you
into far more trouble than a simple speeding ticket.

: NOW AS FAR AS CANCER GOES.... TALK TO ANY SEASONED HAM! even 73cm is
: harmfull with handhelds! if 440Mhz causes cancer imagin what a flip
: phone does at 820Mhz!

All we have is rumor, and some very uncontrolled studies. I don't
know of any Hams who have quit using handhelds because of a reputed
cancer risk.

: Rhode Island and Conneticut State Police did a study and the cancer
: rate is alarming!

If I recall correctly, the studies were uncontrolled. However, I would
like to see followup studies with other police groups - done properly.
I would also like to see another study done on the RI and Conneticut
Police.

: the circuitry used to drive the LASER DOPPLER RADAR is also hazardous
: though, the LASER is pulsed at @1Ghz!

I understood that they were not using doppler radar - but T and D
radar - fully accurate enough, and much less expensive.

: I suggest you read up on bio physics!
: all matter, including our cell structure is bipolar.

What does this mean?

: that's why gravity has an effect on our body

: It's been found that if the magnetic field gets stimulated
: while our cells divide.... well the DNA code can get mangled
: the cell forms a mass.. it forgets to die after it split 50 times

What magnetic field? Is there a counter in each cell that tells it
how many times it divides? I understood was that the DNA caused it
to split frequently, instead of at the normal rate.

: Thats why children who live near high power lines or well...
: you draw the conclusion... birth defects al that stuff

The power line studies are in some dispute. For example, the energy
fields from your vacuum cleaner and electric blanket are stronger than
at normal distances of a house from power lines.

: I don't know about you but I wouldn't want a 250Watt RADAR sitting on my lap
:
: and yep that's how some cops used it for speed!

How did they do this? All the ones I have seen had the transmitter in the
head - which was aimed at the automobile. Kind of hard to do that if you
are holding it in your lap. The readout unit may have been held in their
laps, however - and they may have contained a high voltage power supply.

Bill

3550. WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-10 08:03:03 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <8d6_9410101031@rccons.lm.com>
Source record: 267426

* Crossposted in REC.RADIO.SCANNER
* Crossposted in ALT.RADIO.SCANNER

Reply-To: rccons!aosc_pa@telerama.lm.com
X-Ftn-To: hutchine@river.it.gvsu.edu

Hello hutchine@river.it.gvsu.edu!

07 Oct 94 11:30, hutchine@river.it.gvsu.edu wrote to All:

hige> I am looking to purchase a CHEAP, USED radar gun...X or K band
hige> is not important. Wanted to take surveys in the area for school
hige> project. Any suggestions for a inexpensive gun would be appreciated. So
hige> did up all those boxes and look for a radar gun in your junk
hige> boxes...Please reply to personal E-mail...Thanks in advance...

Contact:

AIS Satellite
106 N 7th St
Perkasie PA 18944

215-453-1400
800-AIS-2001
215-453-1109 FAX

At one time they had LAGRE selection of USED radar equipment.

X Band $200-600
K Band $500-900

Additional option is to look at the Ramsey Electronics "Personal Speed Radar Kit." Kit is ~ $60-80, and requires 2 large java cans for the antenna. Uses 2 GHz range. Unless EXTEREME ACCURACY is a must, this may be the most cost effective, taking that you can assemble a electronics kit. I can not vouch for its operation as I have not used it, just know its available.

Ramsey Electronics
793 Canning Pkwy
Victor NY 14564
800-446-2295
716-924-4555 FAX

Rick Christian, AAJP/BSEE
AOSC PA Editor
Internet: rccons!aosc_pa@telerama.lm.com

3551. Re: Monitoring 520-760 on PRO-2006

Newsgroup: rec.radio.scanner
Date: 1994-10-10 08:15:33 UTC
From: mulligan@ACM.ORG
Message-ID: <37at75$dhj@hopper.acm.org>
Source record: 267507

shawn4sk1@aol.com (Shawn4sk1) wrote:

> Multiply the IF by two and add or subtract that number to/from the
> frequency you wish to hear.

Actually, you add _or_ subtract depending on the design of your receiver.

> ... need to know "the first intermediate frequency of your scanner".
> Can someone clarify what that would be on the 2006?

The PRO-2006 is a triple-conversion receiver and has a more complex I.F.
structure. The 1st L.O. tunes to the upper side and produces a 1st I.F. range
of 611.500-607.505. A rough approximation (+/- 4 MHz) would be:
Image freq = Displayed freq + 1219
i.e. the range of 'possible' images is 1250-2500 MHz. Since almost all of this
would be blocked by the bandpass filters, the PRO-2006 has very little problem
with images.

Hmmm ... I.F.'s and images must be popular on AOL lately.

/* barry /&

3552. Re: Digital music express

Newsgroup: rec.radio.scanner
Date: 1994-10-10 09:20:56 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.494.0009599F@ccm.hf.intel.com>
Source record: 267428

In article <vhealey.91.0011A40A@crl.com> vhealey@crl.com (Victor Healey) writes:

>>Bingo! DMX stands for _Digital_ Music eXpress. The 30 audio channels

>Hey this is the stuff on those two foot dishs they just started selling. How
>much is a DMX decoder?

>Anyone here buy into ther DSS Sat system yet? If so how do you like it?

I think you are thinking of the new RCA dishes. While it is possible that DMX
could be offered through the RCA dishes, DMX is carried over the cable TV line
and you rent a special decoder from the cable company to decode the signals
for your stereo.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3553. Optoelectronics Interceptor

Newsgroup: rec.radio.scanner
Date: 1994-10-10 09:30:08 UTC
From: schro@norton.sni.de
Message-ID: <37b1j0$kat@nanette.pdb.sni.de>
Source record: 267508

Optoelectronics makes a device called "Interceptor". The ad says
it scans the whole spectrum between about 30MHz and 2GHz in a few seconds.
It will lock on any FM signal nearby. There is no frequency readout.

I am looking for comments/experiences regarding this device.

W.F.Schroeder

3554. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-10 09:52:14 UTC
From: mad@Hopper.itc.Virginia.EDU
Message-ID: <CxGBF2.8oM@murdoch.acc.Virginia.EDU>
Source record: 267510
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

In article <22$akiubGAxP066yn@access.digex.net>,
Andy Domonkos <domonkos@access.digex.net> wrote:
>In article <fields.d.10.2E92C313@calc.vet.uga.edu>, David Fields wrote:
>>
>> Someone told me that if I'm going to run cable over 30-40 feet, that I need
>> to use RG-8 (.60 a foot). Any thing umder this I can use RG-58 (.20 a foot).
>>
>> I to am looking into this, I have two possiblities. 1) is over 100 feet on
>> top of an dusk-to-dawn light pole. (owner of pole is me not elec. co.).
>> 2) is on top of house about 50 feet. Is over 100 feet to far to run cable or
>> is shorter the better?
>>
>100 feet or more? Forget the RG-8, use Belden type 9913. Stiff as hell but
>much less attenuation over long runs on the higher frequencies. It will make
>a difference!
>
>Andy
>

Andrew Heliax works for me, as do any of the various .5" hardlines available.
This is essential stuff for playing with long distance runs or frequencies
over 400Mhz. Using this stuff I've picked up 800Mhz activity from as far away
as Washington, DC. which is approximately 200 miles from here. :)

One can even get this coax for free by visiting ones local cable TV provider.
Ask them if they have any leftover chunks from the giant spools they use. Ive
gotten some nice sections (as much as 100feet) this way. The connectors for
Heliax are, however, more valuable than gold.

--
Mark A. Day Hardware Technician
Sawkill Engineering, Inc. "Things that I once dreamed
of, have become reality."
Email mad@Hopper.itc.Virginia.edu - Rush "Circumstances"
Packet N4OQK@WA4TFZ
#
Ask me about Linux, a GPL copylefted POSIX complient OS for i386/i486/P5
#
I am in no way affiliated with UVa "The University", and thus any opinions
which I may express, public or private, are solely my own.

3555. Re: pro43 vs bearcat 200xlt

Newsgroup: rec.radio.scanner
Date: 1994-10-10 11:08:39 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-1010940609040001@net219.metronet.com>
Source record: 267514

In article <379icj$qpv@news.bu.edu>, BRUCE@BUMETA.BU.EDU (BRUCE TIS) wrote:

> Either the pro43 or bearcat 200xlt seem to meet my needs
> (200 channels, 800 mhz - but not necessarily cellular etc) but
> at approx $100 difference in price I wonder if the pro43 is really
> much better than the bearcat

Well, after several years out of the market, I'm looking too. What I've noticed, and is rather impressive, is that the pro43 is a triple conversion receiver. What this generally means is that image rejection should be much better. If you live in a smaller city or town, the pro43 could be a waste of money. But if you're like me and live in a place like Dallas, where RF creeps all over, then triple conversion could be a blessing, especially at 800MHz.

Also check out the Radio Shack pro39. It currently has a sale price of $219. The Pro43 is on sale now for $299.

By the way, I believe both of these models are made for Radio Shack by Uniden.

--
Marc Grant
marcbg@metronet.com
N5MEI
Richardson, Texas

3556. Scanner Recommendations

Newsgroup: rec.radio.scanner
Date: 1994-10-10 11:11:04 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-1010940611290001@net219.metronet.com>
Source record: 267515

I'd like to see a list of scanner ratings - I don't know if this exists,
but send me your information on scanner likes/dislikes!

Thanks in advance

--
Marc Grant
marcbg@metronet.com
N5MEI
Richardson, Texas

3557. Re: Beg. Q on double/triple conversion

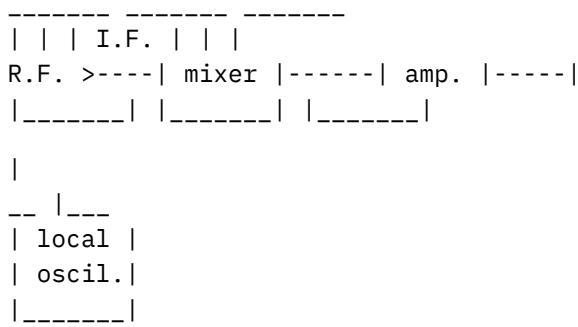
Newsgroup: rec.radio.scanner
Date: 1994-10-10 11:22:42 UTC
From: mulligan@ACM.ORG
Message-ID: <37b862$ecm@hopper.acm.org>
Source record: 267511

browere@einstein.cs.ucdavis.edu (Eric B.) asked:
> ... explain the concepts of double/triple conversion.

Well .... for a real quick overview (with 90% of the good stuff omitted) -

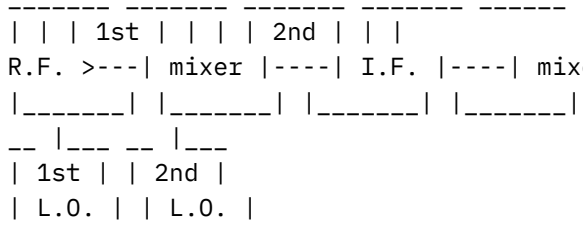
Early receivers required that you tune each amplifier stage to the incoming signal, then detect the audio directly from the received radio frequency. This meant tricky tuning and a lot of unwanted signals. The super-hetrodyne idea allowed the receiver to convert a selected frequency to a fixed intermediate frequency (I.F.), which could be amplified and filtered with no additional tuning (all I.F. stages are prealigned).

The conversion is accomplished by mixing the incoming signal(s) with a local oscillator (L.O.) signal. One of the products of this mixing is a signal at a frequency equal to the difference between the incoming and the L.O., containing all the original information.



Of all the frequencies present at the input, only one will produce the desired I.F. when mixed with the L.O. By tuning the L.O. you can select a particular R.F. whose result will pass the filters in the I.F. stages. For example, if your I.F. is 10.7 MHz and you wish to receive 105.9 MHz, you would tune the L.O. to 95.2. The difference is 10.7 and will pass through the I.F. stages; any other input freq. will produce some other difference and will be filtered out.
(Note: the preceding contains a major fib, to be explained momentarily.)

For normal broadcast signals this is sufficient. Scanners, however, have to cover a wide range and deal with closely spaced frequencies. To improve selectivity and filtering, two stages of conversion can be used -



```
|_______| |_______|
(tunable) 10.245MHz
```

The fib mentioned above is that there are two frequencies that will mix with the L.O. to produce the same intermediate frequency. If the L.O. is 10.7 MHz below freq. 'X', then it is also 10.7 MHz above freq. 'Y'. If there is a signal at freq. 'Y', it will mix with the L.O. and produce the correct I.F. In the example above, a signal at 84.5 MHz would come through if it is not filtered out in the R.F. stage. Scanners have to accept a wide range and the "image" signal slips through. (Note that receivers may use other I.F.s and the L.O. may be tuned above the desired signal, rather than below.)

True triple conversion receivers attack this problem by adding another L.O., mixer and I.F. The first I.F. is quite high (around 610 MHz for the PRO-2006 and PRO-43), producing image freqs beyond the high end of the receiver and easily blocked. With judicious choice of 1st and 2nd I.F.s, and careful filtering, the result is a clean, sharply tuned signal with no images and little or no 'intermod' (interference from multiple adjacent signals).
A few scanners claim triple conversion, but actually just shift high freqs down en-mass (block conversion) and let the second stage sort them out.

As to whether triple-conversion is worth the price, it depends on budget, location, R.F. environment and features. The true triple conversion scanner probably has better design and circuitry, since they put more work into it and can spend more in production (which you pay for). If you're in a noisy R.F. environment, it's probably worth it.
/* barry /&

3558. Cancer rate among hams. Was: WTB: Radar gun

Newsgroup: rec.radio.scanner
Date: 1994-10-10 11:24:42 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.20.00937B25@mail.mei.com>
Source record: 267431
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <1994Oct10.075613.7018@hpcvaac.cv.hp.com>
billn@hpcvaac.cv.hp.com (bill nelson) writes:

>jnormandin@umassd.edu (JERRY NORMANDIN) writes:

>: NOW AS FAR AS CANCER GOES.... TALK TO ANY SEASONED HAM! even 73cm is
>: harmfull with handhelds! if 440Mhz causes cancer imagin what a flip
>: phone does at 820Mhz!

I think the portable cellular phones are only .6 Watts, right? The
true mobiles are 3 Watts. Not that it doesn't deserve consideration.

>All we have is rumor, and some very uncontrolled studies. I don't
>know of any Hams who have quit using handhelds because of a reputed
>cancer risk.

I agree with the "very uncontrolled studies" comment. I've often wondered
about the validity of ANY cancer studies on amateur radio operators.

What's our average age anyway? Older people usually DO have a higher
cancer rate compared to the average population.

I've also noticed a sedentary lifestyle for the majority of the amateur
population around here. Much easier to "sit in the shack" (say that three
times real fast ;-) doing DX year after year rather than keeping the old
cardiovascular system in shape. If we DO get out of the shack, it's for
coffee and donuts! ;-) There is field day of course. That once-a-year
exercise. While I've only been invloved for about 2-years now, I've
experienced the decrease in physical activity myself.

Not that there shouldn't be more studies. RF/EMF can be a very dangerous
thing.

/`-_ kevin.jessup@mail.mei.com |
{ }/ Marquette Electronics, Inc | Time for another tea party!
\ / Milwaukee, Wisconsin, USA |
|__*| N9SQB, ARRL, Amateur Radio |

3559. Blocking performance of new PRO-2035 1000 ch. scanner?

Newsgroup: rec.radio.scanner
Date: 1994-10-10 11:51:19 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CxGGxJ.Jx@nntpa.cb.att.com>
Source record: 267512
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Has anyone else noticed a blocking gain compression problem
on the new 1000 channel PRO-2035 as compared with the PRO-2006?

For example, a strong signal on 460.525 MHz can produce white
noise on weaker signals up to 100 kHz away on the unit I'm evaluating.
Blocking performance in the 155 MHz range appears similar.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

3560. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-10 12:00:33 UTC
From: jjmartin@world.std.com
Message-ID: <CxGHCx.H44@world.std.com>
Source record: 267513
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

David Fields (fields.d@calc.vet.uga.edu) wrote:

: Someone told me that if I'm going to run cable over 30-40 feet,
: that I need to use RG-8 (.60 a foot). Any thing umder this I can use
: RG-58 (.20 a foot).

: I to am looking into this, I have two possiblities. 1) is over 100
: feet on top of an dusk-to-dawn light pole. (owner of pole is me not
: elec. co.).
: 2) is on top of house about 50 feet. Is over 100 feet to far to run
: cable or : is shorter the better?

Depends on the frequencies you'll be listening to. RG-8 is about 1.3db loss per 100 feet at 30 MHz where RG-8/U Foam Dialectric is only .9 db loss per 100 feet there. RG-58 is a little more than 2.5 db loss per 100 feet at 30 MHz.

If you are using frequencies above 100 MHz you're talking 2.5 db loss per 100 feet with RG-8 and more than 3 db at 2 meters. RG-8/U is about 1.8 db loss per 100 feet at 2 meters and short of hardline I usually recommend Belden 9913 which comes in at about 1.4 db loss/100ft.

For short runs pretty much anything goes. For more information I would recommend the ARRL Handbook. I use it as a guide. There's too much to consider to put it all down here.

Hope this helps.

Jim / WK1V

3561. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-10 12:08:20 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1994Oct10.120820.26484@ke4zv.atl.ga.us>
Source record: 267524
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <1994Oct10.075613.7018@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>jnormandin@umassd.edu (JERRY NORMANDIN) writes:
>
>: I suggest you read up on bio physics!
>: all matter, including our cell structure is bipolar.
>
>What does this mean?

It means cells are affected by electric fields, same way a bar magnet will align with an external magnetic field. It's the principle behind electrophoresis. During cell division, while the nucleus is splitting, the cell is particularly vulnerable to electric fields. As far as I know, magnetic fields aren't implicated in this at all.

>: that's why gravity has an effect on our body

Of course this is nonsense.

>: It's been found that if the magnetic field gets stimulated
>: while our cells divide.... well the DNA code can get mangled
>: the cell forms a mass.. it forgets to die after it split 50 times
>
>What magnetic field? Is there a counter in each cell that tells it
>how many times it divides? I understood was that the DNA caused it
>to split frequently, instead of at the normal rate.

Apparently there *is* a form of counter in the cell. Cell death is programned in, otherwise we'd all live forever. What exactly that mechanism is, is still under intense research. We do know that cancer cells don't have it, and so proliferate indefinitely. Some cancer tissues have been kept alive in vitro for decades with no signs of aging.

>: I don't know about you but I wouldn't want a 250Watt RADAR sitting on my lap
>: and yep that's how some cops used it for speed!
>
>How did they do this? All the ones I have seen had the transmitter in the
>head - which was aimed at the automobile. Kind of hard to do that if you
>are holding it in your lap. The readout unit may have been held in their
>laps, however - and they may have contained a high voltage power supply.

Well, obviously, the handheld radar guns used by police are *not* 250 watts. They are in fact in the range of 10 *milliwatts* to 25 *milliwatts*. However, cops are in the habit of resting the guns in their laps when they

aren't actively clocking a vehicle, and they *don't turn them off* for the entire shift. So they get a good near field dose to the testicles. Testicular cancer rates are higher among police who do traffic patrol. Figure what the power density is right at the mouth of a 17 db standard horn and you'll see the levels they are getting are above ANSI limits. This is also why you should never look into the antenna of a microwave transmitter, no matter if it is very low power. The ERP can still be above safety limits at very close range.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3562. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-10 12:15:10 UTC
From: cropley@cbnewsf.cb.att.com
Message-ID: <CxGI1B.270@cbfsb.cb.att.com>
Source record: 267517
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

In article <CxGBF2.8oM@murdoch.acc.Virginia.EDU> mad@Hopper.itc.Virginia.EDU (Mark Day) writes:
>In article <22$akiubGAxP066yn@access.digex.net>,
>Andy Domonkos <domonkos@access.digex.net> wrote:
>>In article <fields.d.10.2E92C313@calc.vet.uga.edu>, David Fields wrote:
>>>
>>> .....
>> .....
>
> .....
>
>One can even get this coax for free by visiting ones local cable TV provider.
>Ask them if they have any leftover chunks from the giant spools they use. Ive
>gotten some nice sections (as much as 100feet) this way. The connectors for
>Heliax are, however, more valuable than gold.
>

I picked up about 120 feet from my cable company last week. They
gave me 7/8" stuff. This stuff also has a thick black plastic jacket on
it. (Total diameter is over and inch, but dia. of alum. shield is 7/8)

I'm guessing that 7/8 hardline connectors will work well with this.
lots o' money thou. the big question is building the 75 to 50 Ohm transformers
for each end. still trying to find plans to build these. the ARRL HB has
a plan with a Torrid Coil but it says it's designed for upto 30 Mhz and
I will be looking at VHF and UHF. anyone out there made these transformers???

Andy

N2ZAM

cropley@cbnewsf.att.com

>--
># Mark A. Day Hardware Technician
># Sawkill Engineering, Inc. "Things that I once dreamed
># of, have become reality."
># Email mad@Hopper.itc.Virginia.edu - Rush "Circumstances"
># Packet N4OQK@WA4TFZ
>#
># Ask me about Linux, a GPL copylefted POSIX complient OS for i386/i486/P5
>#
># I am in no way affiliated with UVa "The University", and thus any opinions
># which I may express, public or private, are solely my own.

3563. Re: FRG-9600 mods

Newsgroup: rec.radio.scanner
Date: 1994-10-10 12:31:22 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.495.000C8636@ccm.hf.intel.com>
Source record: 267462

In article <CxA5Bu.uM@ozemail.com.au> jbiddell@ozemail.com.au (Jon Biddell) writes:

>I am considering buying a Yaseu FRG-9600 scanner, and was wondering if
>the net.knowledgable had any thoughts on this unit, its' capabilities and
>what modifications (if any) are available for it...

>I realise that it doesn't cover the same frequencies as, say, the
>MVT7100, nor is it portable, but I have a love of Yaseu gear...

This is a fairly old radio now. I think the low end is like 60 or 90 MHz so
you miss some of the low end action. There are also very few known mods, or
software packages to control this radio. I would only buy this is the price
was very good (although I don't know how much that would be), or if you have
at least one other scanner already.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3564. Pro46 audio

Newsgroup: rec.radio.scanner
Date: 1994-10-10 12:33:35 UTC
From: allan@vicorp.com
Message-ID: <37bcav$dmb@xeno.vicorp.com>
Source record: 267516

I bought my mom a Pro46 last Christmas. She called last night to tell
me that the audio is dead. She can only hear it at a normal volume
if she turns up the volume all the way.
I would like to know if this is a common problem and if it is easy to fix.
Mom is afraid that if she takes it in for repair it might come back
not being able to pick up some of the frequencies it can now.
We know it's not the speaker, she uses an external speaker. Both the
internal an external speaker can't be heard.
Please help, if I don't get this fixed for her soon she may
go back to watching TV.
thanks.

3565. [Q] PRO39 or PRO43 (NEWBIE NEEDS HELP)

Newsgroup: rec.radio.scanner
Date: 1994-10-10 12:36:41 UTC
From: magarro@bbs.ug.eds.com
Message-ID: <1994Oct10.123641@bbs.ug.eds.com>
Source record: 267442

Hello

I a newbie in the scanner world. I havenUt been reading this newsgroup so excuse me if I am asking a question that has been debated and answered to death. I have been looking at two Radio Shack scanners, PRO 39 and PRO 43. My local store has them on sale at $219 and $299 respectively. Is it worth the extra $80 to get the PRO 43? What makes it worth $80?

I have also heard that Radio Shack has modified there scanners so that an out of the box scanner isnUt able to pick up some of the 800Mhz frequencies. However, I also heard that some of the PRO39 and PRO 43 scanners are modifiable so that the blocked 800Mhz frequencies can be received. Then a co-worker of mine mentioned that Radio Shack is currently selling some PRO39 and PRO43 scanners that are UNMODIFIABLE. He went on and mentioned that an A, and C after the FCC id # on the PRO39 and PRO43 respectively determined whether they are UNMODIFIABLE.

I have also heard that Radio Shack has modified there scanners so that an out of the box scanner isnUt able to pick up some of the 800Mhz frequencies. However, I also heard that some of the PRO39 and PRO 43 scanners are modifiable so that the blocked 800Mhz frequencies can be received. Then a co-worker of mine mentioned that Radio Shack is currently selling some PRO39 and PRO43 scanners that are UNMODIFIABLE. He went on and mentioned that an A, and C after the FCC id # on the PRO39 and PRO43 respectively determined whether they are UNMODIFIABLE.

Any help would be greatly appreciated from this radio scanner newbie

Thanks
Richard
magarro@bbs.ug.eds.com

3566. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-10 13:11:36 UTC
From: ad225@detroit.freenet.org
Message-ID: <37bei8$521@detroit.freenet.org>
Source record: 267518

Anyone speaking on any radio device should always asume the
conversation is being monitored. Legislation just gives the
users of cordless phones and cellular phones a false sense
of security.

An acquaintance of mine recently fired up his scanner and
picked up a conversation by a neighbor who was selling
drugs out of his home. He began listening to the conversations
regularly and started logging the license numbers of cars
that went to the house to buy dope.

After awhile he decided to tape record the calls as evidence.
He then turned his findings over to his local police department.

The local cops, armed with the information, contacted the
Michigan State Police Narcotics Enforcement Team. Their
investigation led to a raid which put the neighbor behind
bars and out of business.

Presumably, this new legislation would have made the
scanner buff the criminal and would have precluded
him from turning his information over to the police.

Gary
--
Gary Baumgarten
ad225@detroit.freenet.org

3567. Re: Hit list for November elections

Newsgroup: rec.radio.scanner
Date: 1994-10-10 13:41:06 UTC
From: crisp@netcom.com
Message-ID: <crispCxGM0I.K2v@netcom.com>
Source record: 267519
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <CxFMzL.3xp@rahul.net> Kevin Martinez <lps@rahul.net> writes:
>crisp@netcom.com (Richard Crisp) writes:
>
>>Our fine representitive Don Edwards who is a co-author of the Digital
>>Wiretap bill is retiring, so we have already disposed of this worthless
>>piece of trash. Now it is time to put a list together of those that
>>suported and voted for the Digital Wiretap bill.
>
>Good old Benedict Edwards! What kind of political pressure is
>applied to someone that is not seeking reelection and intends to
>retire? Is it a matter of financial pressure? He retired on friday with
>one last stab-in-the-back to the taxpayers. Of course, we as taxpayers
>must fund this self-back-stabbing because it is now the Law. Perhaps some
>future, enlightened (hahahaha) session of Congress can rescind his
>pension or benefits.
>
>>I just returned to the US from a two week trip overseas and believe
>>I heard that the Digital Wiretap bill passed the Senate. Is this
>>correct? If so can someone send me a pointer to the list of how
>>the votes were cast?
>
>It did pass and I believe there were *no* dissenting votes!

That confirms my suspicions that NO incumbend should be re-elected.
Clean sweep in November folks!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3568. Re: Hit list for November elections

Newsgroup: rec.radio.scanner
Date: 1994-10-10 13:50:27 UTC
From: crisp@netcom.com
Message-ID: <crispCxGMG3.KI3@netcom.com>
Source record: 267520
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <crispCxGM0I.K2v@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>In article <CxFMzL.3xp@rahul.net> Kevin Martinez <lps@rahul.net> writes:
>>crisp@netcom.com (Richard Crisp) writes:
>>
>>>Our fine representitive Don Edwards who is a co-author of the Digital
>>>Wiretap bill is retiring, so we have already disposed of this worthless
>>>piece of trash. Now it is time to put a list together of those that
>>>suported and voted for the Digital Wiretap bill.
>>
>>Good old Benedict Edwards! What kind of political pressure is
>>applied to someone that is not seeking reelection and intends to
>>retire? Is it a matter of financial pressure? He retired on friday with
>>one last stab-in-the-back to the taxpayers. Of course, we as taxpayers
>>must fund this self-back-stabbing because it is now the Law. Perhaps some
>>future, enlightened (hahahaha) session of Congress can rescind his
>>pension or benefits.
>>
>>>I just returned to the US from a two week trip overseas and believe
>>>I heard that the Digital Wiretap bill passed the Senate. Is this
>>>correct? If so can someone send me a pointer to the list of how
>>>the votes were cast?
>>
>>It did pass and I believe there were *no* dissenting votes!
>
>
>That confirms my suspicions that NO incumbend should be re-elected.
>Clean sweep in November folks!
>
Let's make that Incumbents! None will be voted for by me, how about you?

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3569. Re: RADIO SHACK Pro-2035

Newsgroup: rec.radio.scanner
Date: 1994-10-10 13:52:11 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.496.000DDF0F@ccm.hf.intel.com>
Source record: 267440

In article <377dmf$1a8@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:

>Anyone seen any reviews and/or own a Radio Shack PRO-2035, which is
>their new 1000 channel base scanner, that probably isn't cellular
>modifiable, and costs $450.00

>Are the reviews bad/good? Does anyone like it/hate it?

Think of a Pro-2006 with more channels, worse sensitivity, and a semi-useless
search and store feature that costs more than the 2006, and you have the 2035.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3570. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-10 13:52:49 UTC
From: crisp@netcom.com
Message-ID: <crispCxGMK1.KL7@netcom.com>
Source record: 267521

In article <CxFqAJ.Hoy@umassd.edu> jnormandin@umassd.edu writes:
>In article <377h49$158e@tequesta.gate.net>, tls@gate.net (Terry Steinford) writes:
>>Tucked away at the end of the Digital Telephony Bill passed last night by
>>Congress is a provision making monitoring of cordless telephone
>>frequencies illegal, the same as celluar freqs.
>>
>>Any bets on how long it will take for the FCC to require manufacturers to
>>block off another chunk of non-restorable RF spectrum? Get ready to
>>check for "B" suffixes on those ID numbers!
>Most scanners are modifyable no matter what!
>And if it is not modifiable at all then that product will not sell
>since AOR products can be altered easily!
>The AR1500 has wide coverage .5Mhz to 1300Mhz.
>Well all of you on the net will find quality full coverage
>scanners no matte what the laws are.
>
>When I bought my AOR AR1500 there were not any laws restricting such
>recievers. I picked it up for WEFAX satellite reception. PLus I picked
>up a downconverter for 1.6Ghz.
>
>It's getting pretty scary that our lives are becoming more and more censored.
>
>fx

Why is it that our generation had to gut the bill of rights when we were
passed the torch? Because we elected Bill Clinton. I will vote for no
incumbents in November. I pledge to ensure Bill Clinton is not re-elected.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3571. Re: Cordless Snooping Outlawed?

Newsgroup: rec.radio.scanner
Date: 1994-10-10 13:55:51 UTC
From: crisp@netcom.com
Message-ID: <crispCxGMp3.KsE@netcom.com>
Source record: 267522

In article <37a4jj$cns@dns1.NMSU.Edu> tharrell@opus.nmsu.edu (Thomas J. Harrell) writes:
>Glen L. Roberts (fd@wwa.com) wrote:
>> So, the Digital Wiretap Act outlawed the monitoring of Cordless Phone
>> Calls? Same as Cellular Now? Or, what?
>
>Why won't the American Radio Relay League get their collective heads out
>of the sand and try fighting stupid legislation for once??? Just because
>these bills don't immediately affect amateur radio right now doesn't
>mean that precedents may be set for affecting it later on.
>
>They're about the only group out there with the clout or ability to fight
>or change stupid legislation like this, but keeping their 'hams only'
>attitude isn't going to help when that's all there is to listen to in the
>future.
>--
>*--*
>| T.J. Harrell III http://rever.nmsu.edu/~weasel weasel@acca.nmsu.edu |
>| NRA KC5??? (in mail) Beware of geeks bearing .gifs... |
>*--*

for the same reason the NRA did not oppose the machine gun ban of 1986.
It just did noccur to the old geezers that the nose of the camel was in
the tent and soon they'd have the whole camel in with them. Do not
vote for incumbents this fall, Send a clear message to Washington
that we will not stand for any more infringements of our liberties.
Toss out Bill Clinton and his whole liberal agenda into the waste heap
where they all belong. Hell maybe Tyson has a job for him shoveling
Chicken Sh*t into the rivers of Arkansas.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3572. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-10 14:04:22 UTC
From: crisp@netcom.com
Message-ID: <crispCxGn3A.L5H@netcom.com>
Source record: 267523
Cross-posted to: rec.radio.scanner,alt.2600,misc.legal,la.general

In article <379rqc$4sb@neuro.usc.edu> merlin@neuro.usc.edu (merlin) writes:
>>After reading, and thinking, about this, I will be writing the Calif.
>>Atty General's Office, Telemarketing Unit, 300 S Spring St. 5th Floor,
>>Los Angeles, CA 90013, about my experiences being lied to/ripped-off
>>by these firms. I would also like to see some local televisions news
>>stations shop theses stores, to show how these retailers just thumb
>>their noses at the law. I would suggest all those reading this, to do
>>the same also.
>
>These people belong in jail. They are knowingly violating state and federal
>law. The most severe sanctions (fines & jail terms) should be imposed. The
>investigators might even be able to take in the management or owners of the
>stores under criminal conspiracy statutes. The stores may even be forfeited
>(taken over by the government) under the organized crime & racketeering laws.
>
>It is one thing for a single salesman unabetted by his management to lie to &
>deceive the public. It is something else again for senior management & owners
>to promote a highly organized routine practice of deceiving the public. I say
>we should assess the highest possible fines, put them in jail, and confiscate
>any stores/personal assets which were obtained in part by deceiving the public.
>
>

Wehn I bought my cell phone in California at a local dealer whose name escapes me, I was told that the fact that I was not going to also purchase activation was unethical and immoral even though it ws illegal. Furthermore the clerk told me that he had 15 years experience selling cellular.

I then pointed out to him that he was a liar and that if he said anything else insulting to me that both the Better Business Bureau and the California Department of Consumer Affairs would be informed of the dialogue. Regarding the accusation of him being a liar, I pointed out to him that cellular phones did not exist 15years ago. Boy did he get red in the face. I swear if I had touched a match to his face it would have ignited!

Apparently the abuses are pretty common despite the law we have in California that "protects us" from our own stupidity.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3573. Re: PRO-51 AIR/FIRE/MARINE

Newsgroup: rec.radio.scanner
Date: 1994-10-10 15:11:02 UTC
From: ddavis13@itc109.ccd.ford.com
Message-ID: <37bli6$6vp@eccdb1.pms.ford.com>
Source record: 267430

<<all stuff deleted>>

I know what the frequencies are, but can you modify them. There are local poilce/fire bands that I already know of, so placing them into these search bands would free up more channels.

3574. Philadelphia Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-10-10 15:20:34 UTC
From: jbaker@dolphin.upenn.edu
Message-ID: <37bm42$sde@netnews.upenn.edu>
Source record: 267427

Anyone out there in scanner/e-land have any Philadelphia frequencies?
Mainly interested in Upenn police and Phil. fire, amb, and police...well
that pretty much covers alot of them but anyway...email directly to
jbaker@dolphin.upenn.edu
Thanks

--
"The object of war is not "In war, there is no
to die for your country, but substitute for victory."
to make the other bastard die
for his." "Don't ever give up."

"If you can dream it, you can do it. "The only place where
Always remember that this whole thing success comes before work
was started by a mouse." Walt Disney is in the dictionary."

3575. Re: Hit list for November elections

Newsgroup: rec.radio.scanner
Date: 1994-10-10 15:53:26 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.308.22920992@CCCS.UMN.EDU>
Source record: 267425
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <crispCxEzuG.3op@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>From: crisp@netcom.com (Richard Crisp)
>Subject: Hit list for November elections
>Date: Sun, 9 Oct 1994 16:44:40 GMT

>I just returned to the US from a two week trip overseas and believe
>I heard that the Digital Wiretap bill passed the Senate. Is this
>correct? If so can someone send me a pointer to the list of how
>the votes were cast?

Good luck. It passed on a voice vote in the House and by unanimous consent
in the Senate so there is no paper trail on who voted for or against; although,
in principal you could say that noone in the Senate voted against the bill.

--rick

+---+
| Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
| Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |
| Cancer Screening Trial voice: (612) 627-4151 |
| University of Minnesota fax: (612) 627-4158 |
| 212 Ontario St SE, Suite 202 |
| Minneapolis, MN 55414 |
+---+

3576. Re: Blocking performance of new PRO-2035 1000 ch. scanner?

Newsgroup: rec.radio.scanner
Date: 1994-10-10 16:09:20 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.497.0010285A@ccm.hf.intel.com>
Source record: 267468
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <CxGGxJ.Jx@nntpa.cb.att.com> parnass@nwsf.ih.att.com (Bob Parnass, AJ9S) writes:

>Has anyone else noticed a blocking gain compression problem
>on the new 1000 channel PRO-2035 as compared with the PRO-2006?

>For example, a strong signal on 460.525 MHz can produce white
>noise on weaker signals up to 100 kHz away on the unit I'm evaluating.
>Blocking performance in the 155 MHz range appears similar.

I knew this was a problem on the 2006. Are you saying it is worse with the 2035? Does the attenuator minimize the effect at all?

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3577. CORDLESS SCANNING OUTLAWED

Newsgroup: rec.radio.scanner
Date: 1994-10-10 16:09:56 UTC
From: grady@netcom.com
Message-ID: <gradyCxGswK.7Hr@netcom.com>
Source record: 267446

After the President signs the bill, scanning cordless frequencies
will be a federal crime.

SEC. 202. CORDLESS TELEPHONES.
(a) Definitions.--Section 2510 of title 18, United States
Code, is amended--
(1) in paragraph (1), by striking ", but such term does not
include" and all that follows through "base unit"; and
(2) in paragraph (12), by striking subparagraph (A) and
redesignating subparagraphs (B), (C), and (D) as
subparagraphs (A), (B), and (C), respectively.
(b) Penalty.--Section 2511 of title 18, United States Code,
is amended--
(1) in subsection (4)(b)(i) by inserting "a cordless
telephone communication that is transmitted between the
cordless telephone handset and the base unit," after
"cellular telephone communication,"; and
(2) in subsection (4)(b)(ii) by inserting "a cordless
telephone communication that is transmitted between the
cordless telephone handset and the base unit," after
"cellular telephone communication,".

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

3578. Re: Hit list for November elections

Newsgroup: rec.radio.scanner
Date: 1994-10-10 16:16:45 UTC
From: grady@netcom.com
Message-ID: <gradyCxGt7y.80M@netcom.com>
Source record: 267457
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Normally I ignore "single issue" litmus tests and just vote based
upon overall record, but I'm agreeing with Mr Crisp this time that
erosion of fundamental rights transcends other criteria. Vote
the incumbents out.

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

3579. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-10 16:22:38 UTC
From: grady@netcom.com
Message-ID: <gradyCxGtHr.8Hu@netcom.com>
Source record: 267458
Cross-posted to: rec.radio.scanner,alt.2600,misc.legal,la.general

It seems af if a viable strategy would be to initially agree to programming/activation but once out of the store with the phone, realize that that portion of your sales contract must be void as an illegal transaction. Thus you would simply refuse to pay that portion of the credit card bill.

I am not an attorney, so I have no idea if this strategy is legal, doable, or even ethical.

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

3580. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-10 16:28:13 UTC
From: domonkos@access.digex.net
Message-ID: <37bq2t$qtb@news1.digex.net>
Source record: 267456

In article <37bei8$521@detroit.freenet.org>, ad225@detroit.freenet.org (Gary Baumgarten) says:
>
>
>Anyone speaking on any radio device should always asume the
>conversation is being monitored. Legislation just gives the
>users of cordless phones and cellular phones a false sense
>of security.
>
>An acquaintance of mine recently fired up his scanner and
>picked up a conversation by a neighbor who was selling
>drugs out of his home. He began listening to the conversations
>regularly and started logging the license numbers of cars
>that went to the house to buy dope.
>
>After awhile he decided to tape record the calls as evidence.
>He then turned his findings over to his local police department.
>
>The local cops, armed with the information, contacted the
>Michigan State Police Narcotics Enforcement Team. Their
>investigation led to a raid which put the neighbor behind
>bars and out of business.
>
>Presumably, this new legislation would have made the
>scanner buff the criminal and would have precluded
>him from turning his information over to the police.
>
>Gary
>--
>Gary Baumgarten
>ad225@detroit.freenet.org

Nothing to stop the 'anonymous' tipper...

Andy

3581. Computer interface for Pro39?

Newsgroup: rec.radio.scanner
Date: 1994-10-10 16:35:25 UTC
From: scotti@earth
Message-ID: <37bqgd$sa6@earth.usa.net>
Source record: 267449

Is is possible to build a computer interface for the Pro39?
Are there any plans around for one?

--
Stewart Scott

scotti@usa.net

3582. Re: HR4922 Reply from my Representative

Newsgroup: rec.radio.scanner
Date: 1994-10-10 16:54:45 UTC
From: crisp@netcom.com
Message-ID: <crispCxGuzA.CJo@netcom.com>
Source record: 267459
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

In article <crispCxEzJI.3A5@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>In article <crispCxEyFJ.G17@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>>In article <36v37g$2a0@nyx10.cs.du.edu> gcortevi@nyx10.cs.du.edu (Greg Corteville)
writes:
>>>this subject.
>>>
>>> I understand your concern in this matter. The purpose of this
>>>legislation is _not_ to ban radio scanners for use by hobbyists or make
>>>it unlawful to use your radio scanner to listen to the various public
>>>service bands. What the legislation does do is to clarify and expand
>
>What he also did not tell yo is that the purpose of the RICO statutes
>was not to block anti-abortionists from blocking abortion clinics, but
>that is what the law is now being used for. Again intent and wording are
>different. We do not need this clause in the Digital Wiretap law, get rid
>of it and the sponsors and those that support this legislation.
>

I wanted to say that I do not intend to start an abortion discussion in
this group. It is inappropriate here. I do want to say that I mentioned
it to show how a law can be "intended" for one thing and then get
twisted around by some silly prosecutor somewhere and cited this as
an example. I had hoped that everyone would see this in the posting
but I am already starting to get mail from folks that apparently
did not.

So again, I do not want to start an abortion debate here, just want
to show how a dangerous law on the books can be twisted around.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3583. Yupitera MVT-7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-10 16:55:48 UTC
From: mcintyre@is.morgan.com
Message-ID: <1994Oct10.165548.22043@is.morgan.com>
Source record: 267432
Cross-posted to: rec.radio.scanner,nj.market.misc,ny.forsale

Yupitera MVT-7100 multiband receiver (scanner) for sale.

Used for only a few hours.

Radio, manual, all accessories in original box.

Due to FCC regs, no longer importable into the US (because it is
a solid coverage radio which includes the cellular phone freqs).

My original cost was approx $630 (including shipping & customs).

Yours, including UPS shipping, for $625.

--
Dave "dr question" McIntyre +-----+ ".say you're thinking about a plate
mcintyre@morgan.com | ? | of shrimp.....and someone says to
office : 212-703-2753 +-----+ you 'plate,' or 'shrimp'......"

3584. Re: Hit list for November elections

Newsgroup: rec.radio.scanner
Date: 1994-10-10 16:59:12 UTC
From: crisp@netcom.com
Message-ID: <crispCxGv6o.D04@netcom.com>
Source record: 267460
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <RWH.308.22920992@CCCS.UMN.EDU> RWH@CCCS.UMN.EDU (Richard Hoffbeck) writes:
>In article <crispCxEzuG.3op@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>>From: crisp@netcom.com (Richard Crisp)
>>Subject: Hit list for November elections
>>Date: Sun, 9 Oct 1994 16:44:40 GMT
>
>>I just returned to the US from a two week trip overseas and believe
>>I heard that the Digital Wiretap bill passed the Senate. Is this
>>correct? If so can someone send me a pointer to the list of how
>>the votes were cast?
>
>Good luck. It passed on a voice vote in the House and by unanimous consent
>in the Senate so there is no paper trail on who voted for or against; although,
>in principal you could say that noone in the Senate voted against the bill.
>
>

In principle, then, I will vote for no incumbents. Of course I had no
intention of voting for our senator up for re-election anyway. Can't
stand the woman (if that is what she really is!).

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3585. Re: Hit list for November elections

Newsgroup: rec.radio.scanner
Date: 1994-10-10 17:42:05 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Oct10.094205.4686@cmkrnl>
Source record: 267437
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <crispCxEzuG.3op@netcom.com>, crisp@netcom.com (Richard Crisp)
writes:
> [...]
> I just returned to the US from a two week trip overseas and believe
> I heard that the Digital Wiretap bill passed the Senate. Is this
> correct? If so can someone send me a pointer to the list of how
> the votes were cast?

So Mr. Crisp reveals himself as yet another armchair activist.

If you were really all that concerned, you'd do the legwork and find out for
yourself. Heck, if you were all that concerned you'd have found out for
yourself, rather than having to ask "is this true? Did it really pass?"

This isn't intended as an insult, Richard. It's intended as a challenge.
If after a few days you come back with a message that starts out "Well, I did
the research and here's what I found out...", I'll be pleasantly surprised.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

3586. Re: Pro 43 on sale/ Price protection plan

Newsgroup: rec.radio.scanner
Date: 1994-10-10 18:12:55 UTC
From: flarsen@uclink.berkeley.edu
Message-ID: <flarsen-101094101255@flarsen.berkeley.edu>
Source record: 267448

In article <gqLbkiubGMFK066yn@access.digex.net>, domonkos@access.digex.net (Andy Domonkos) wrote:

> For those who don't already know, RS has their Pro-43's on sale for $300,
> $50 off their usual price. I bought mine (modifiable) full price 2 weeks
> ago and they have a 30 day price protection plan; they refunded me the
> difference.
>
> Andy

I have looked through my $2.00 Radio Shack catalog and have not found any specific references to either their price guarantee or their return policies.

I bought my PRO-43 on 08/17/94 and they went on sale on 09/29/94 :-(

Anybody know the exact wording of these policies or where to look it up?

I think I'll stop at my local Radio Shack store later today and have a friendly chat with the manager.

-- Flemming Larsen flarsen@uclink.berkeley.edu

3587. Re: FRG-9600 mods

Newsgroup: rec.radio.scanner
Date: 1994-10-10 18:16:12 UTC
From: mikebo@MCS.COM
Message-ID: <37c0dd$3vg@Venus.mcs.com>
Source record: 267433

In article <CxA5Bu.uM@ozemail.com.au>,
Jon Biddell <jbiddell@ozemail.com.au> wrote:
>
>I am considering buying a Yaseu FRG-9600 scanner, and was wondering if
>the net.knowledgable had any thoughts on this unit, its' capabilities and
>what modifications (if any) are available for it...
>
>I realise that it doesn't cover the same frequencies as, say, the
>MVT7100, nor is it portable, but I have a love of Yaseu gear...
>
... and that would be the only reason to get one. I used to own one of
these several years ago. The scan rate was slow, it was not a very
user friendly scanner and the manufacturer made some bad assumptions
about delay timing, etc. The only interesting thing about this box
was the optional video interface card so you can tune cable channels
directly. Even at that, the video quality was pretty bad even off the
cable. I would recommend you go with the better Radio Shaft 2004, 5 or 6
while you can still find them.
- Mike
--

Michael Borowiec All tied to their things,
mikebo@MCS.COM they are netted by the strings...
Free to flutter, in memory of
their wasted wings... P.Gabriel

3588. [Q] PRO39 better value than PRO49?

Newsgroup: rec.radio.scanner
Date: 1994-10-10 18:18:58 UTC
From: magarro@bbs.ug.eds.com
Message-ID: <1994Oct10.181858@bbs.ug.eds.com>
Source record: 267337

Hello,

I'm a newbie that posted an earlier message and would like to thank the people that responded.

I took their advise and went to my local Radio Shack to look at the PRO39 and PRO43 scanners. Besides the differences in features described in their catalogue, I found some aesthetic differences. The first and foremost difference is the sound quality. It seems like the PRO49 had too much bass. The PRO39 had a much more appealing, more treble sound. Secondly, the PRO49 was heavier.

It seems like, aesthetically, the PRO39 was a better value for $219 (down from $299) compared with the PRO43 at $299(down from $350? Right?

From a modification standpoint, If one wanted to get the missing 800Mhz frequencies, which unit PRO39 or PRO43 is easier to convert? I heard that modifying the PRO39 might delete some of the stored frequencies in the unit. What other "side effects" might one encounter if one modifies any of the two units?

Any help would be greatly appreciated from this radio scanner newbie.

Thanks,
Richard
magarro@bbs.ug.eds.com

3589. Re: Aor 8000 -Info Needed

Newsgroup: rec.radio.scanner
Date: 1994-10-10 18:22:40 UTC
From: schuster@panix.com
Message-ID: <37c0pg$bim@panix3.panix.com>
Source record: 267434

In article <vhealey.95.00047086@crl.com>,
Victor Healey <vhealey@crl.com> wrote:
>The new handheld Aor 8000 with new scanner features.
>Is it finally shipping to the USA? If so who has it and at what cost?

Legal USA models, with cellular frequencies locked out of the internal
band table, are still awaiting FCC approval.

>Any user observations pro/con?

Slightly less sensitive, but also less intermod than the Yupiteru
MVT-7100. (Except some people have trouble with images clobbering desired
shorwave bands). Programming alphanumeric labels by hand gets very tedious
after one bank. This might be the radio which changes my "Who needs 'em"
attitude towards computer control of radios.

Lots of nice features, and good overall performance. A winner.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3590. ***WRITERS***

Newsgroup: rec.radio.scanner
Date: 1994-10-10 18:54:04 UTC
From: cvil@interaccess.com
Message-ID: <cvil.257.002E2116@interaccess.com>
Source record: 267472

Email us.

3591. Re: PRO 46

Newsgroup: rec.radio.scanner
Date: 1994-10-10 18:54:10 UTC
From: Ulan King <ulanking@apple.com>
Message-ID: <37c2ki$qg4@apple.com>
Source record: 267439

Subject: PRO 46
From: Jason Carden, mgdfan@metronet.com
Date: Thu, 6 Oct 1994 06:03:56 GMT
In article <mgdfan.1.000110D9@metronet.com> Jason Carden,
mgdfan@metronet.com writes:
>Does anyone know if the Pro 46 can be modified to more that 100
channels? I've
>found cellular mods for it at various FTP sites, but yet to find any
other
>mods to it.

I also hear that the Pro 46 microprocessor is capable of 760-1300 Mhz.
How do you
get the scanner to do that type of range?

Ulan

3592. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-10 19:45:15 UTC
From: daveb@dgtl.com
Message-ID: <4212@dsinet>
Source record: 267452
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

JERRY NORMANDIN (jnormandin@umassd.edu) wrote:
: In article <373pj9$600@news.it.gvsu.edu>, hutchine@river.it.gvsu.edu
(E.Hutchinson-N8XHP) writes:
: > I am looking to purchase a CHEAP, USED radar gun...X or K band
: >is not important. Wanted to take surveys in the area for school project.
: MAKE SURE YOU USE CAUTION WHEN YOU USE THE RADAR GUN!! THEY CAUSE CANCER!
: That's why Laser RADAR is now used!

THAT'S NOT QUITE TRUE!! :-) If you drive around in a car 10-12 hours
a day for 10 years with a radar gun in your lap, you'll definitely
hard boil the ol' familial eggs. That's just natural selection at work.
I'll brush off the fact that there is no such thing as "Laser RADAR",
and comment that LIDAR accounts for only a small percentage of the
tax-collector's arsenal. It's cumbersome, expensive, may pose health
threats of its own (ie, shining coherent infrared laser light into the
eyes of millions of motorists year after year could be dangerous as
well - although not to Officer Friendly).

--
David Breneman Email: daveb@jaws.engineering.dgtl.com
System Administrator, Voice: +1 206 881-7544 Fax: +1 206 556-8033
Product Development Platforms
Digital Systems International, Inc. Redmond, Washington, U. S. o' A.

3593. Re: Beg. Q on double/triple conversion

Newsgroup: rec.radio.scanner
Date: 1994-10-10 19:50:42 UTC
From: kenw@col.hp.com
Message-ID: <37c5ui$mqp@hp-col.col.hp.com>
Source record: 267436

A triple conversion receiver is generally worth the extra money IF the first IF frequency is way high (i.e., around 600 MHz for the PRO-2006). A very high first IF practically eliminates the problem of image frequency reception.

3594. Re: pro43 vs bearcat 200xlt

Newsgroup: rec.radio.scanner
Date: 1994-10-10 20:05:19 UTC
From: habu@gate.net
Message-ID: <37c6pv$la4@tequesta.gate.net>
Source record: 267438

BRUCE TIS (BRUCE@BUMETA.BU.EDU) wrote:
: I'm new to scanning and am interested in buying a handheld
: scanner. Either the pro43 or bearcat 200xlt seem to meet my needs
: (200 channels, 800 mhz - but not necessarily cellular etc) but
: at approx $100 difference in price I wonder if the pro43 is really
: much better than the bearcat. Are there any other scanners I should
: be considering? Does anyone know of any published reviews of
: handheld scanners? Also I see some used bearcat 200's advertised
: locally, is there a difference between the 200 and the 200xlt?
: Any other comments would be appreciated.

: bruce
I own both scanners you are looking at and the Pro43 blows the Bc200
away. The 43 is well worth the extra $'s especially if you plan on listening
to 800mhz. Uniden makes the Bc200 and Gre makes the 43.

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

3595. Re: CORDLESS SCANNING OUTLAWED

Newsgroup: rec.radio.scanner
Date: 1994-10-10 20:18:08 UTC
From: roscobind@aol.com
Message-ID: <37c7i0$9hb@newsbf01.news.aol.com>
Source record: 267441

In article <gradyCxGswK.7Hr@netcom.com>, grady@netcom.com (Grady Ward)
writes:

Cellular monitoring is a federal crime right now but I don't hang my head
out the window every time I crank up my scanner (or TV if I wanted to) and
yell that I am doing it. Let them pass all the anti-listen laws they
want. Problem is it effects the availability of the products that are
capible of doing the listening.

Rosco Bookbinder
Sysop Ralphs Place
(509)326-7282
Spokane, Wa.

3596. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-10 20:25:51 UTC
From: g9153402@huey.csun.edu
Message-ID: <37c80f$85l@nic-nac.CSU.net>
Source record: 267443

Richard Crisp (crisp@netcom.com) wrote:

> Why is it that our generation had to gut the bill of rights when we were
> passed the torch? Because we elected Bill Clinton. I will vote for no
> incumbents in November. I pledge to ensure Bill Clinton is not re-elected.

But don't forget, the ECPA (1986) was initially passed in the REAGAN/BUSH
era. But all of them, Reagan, Bush, and Clinton, are quite dumb.

3597. Info Wanted: Bearcat 250 scanner - anyone own one????

Newsgroup: rec.radio.scanner
Date: 1994-10-10 20:38:11 UTC
From: mc@shore.net
Message-ID: <37c8nj$r2e@shore.shore.net>
Source record: 267444
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I recently picked up a clean Bearcat 250 scanner and would love to see the operating manual. Would very much appreciate a photocopy of the docs - some features are not familiar to me, such as count, store, aux and recall, etc. Also I need to know if the unit has a clock and if so how to reset it.

I'd be happy to cover costs of photocopying and postage.

Please reply by e-mail.

73,

Michael Crestohl KH6KD/W1
mc@shore.net

3598. Re: Pro 43 on sale/ Price protection plan

Newsgroup: rec.radio.scanner
Date: 1994-10-10 20:41:56 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Oct10.154156@hnrc.tufts.edu>
Source record: 267435

In article <flarsen-101094101255@flarsen.berkeley.edu>, flarsen@uclink.berkeley.edu (Flemming Larsen) writes:
> I have looked through my $2.00 Radio Shack catalog and have not found
> any specific references to either their price guarantee or their return
> policies.

Some RS's are franchises that set their own policies. Marymac, for example, charges a restocking fee.
Check the back of your sales slip.
Many states require the information to be posted prominently in the store.

3599. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-10 20:50:51 UTC
From: crisp@netcom.com
Message-ID: <crispCxH5wr.AJD@netcom.com>
Source record: 267464
Cross-posted to: rec.radio.scanner,alt.2600,misc.legal,la.general

In article <gradyCxGtHr.8Hu@netcom.com> grady@netcom.com (Grady Ward) writes:
>It seems af if a viable strategy would be to initially agree to
>programming/activation but once out of the store with the phone,
>realize that that portion of your sales contract must be void
>as an illegal transaction. Thus you would simply refuse to pay
>that portion of the credit card bill.

Another idea would be to let the guy think you were going to go for his ripoff deal, and then after he brings out the phone (so you eliminate the "we're out of stock excuse"), then tell him at the last moment that you have changed your mind and no longer want the programming.

A second idea is to wear a hidden tape recorder and tape the entire transaction, and play the game as outlined above. When he tries the inevitable BS that we all expect tell him that you have taped the entire conversation and that your next stop is the local DA's office. If that doesn't put the fear of God in him, you probably are dealing with a fool, a heathen, or both.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3600. Re: CORDLESS SCANNING OUTLAWED

Newsgroup: rec.radio.scanner
Date: 1994-10-10 20:51:34 UTC
From: sbradley@sgb.oau.org
Message-ID: <CxH5y6.A5B@sgb.oau.org>
Source record: 267453

Grady Ward (grady@netcom.com) wrote:
: After the President signs the bill, scanning cordless frequencies
: will be a federal crime.

: SEC. 202. CORDLESS TELEPHONES.

SO WHAT!!! ALL THIS WILL DO IS CAUSE A TEN-FOLD NUMBER OF PEOPLE LISTENING!!

Look what happened with the cellular sh*t, they made it hard to buy new units, other than importing them for reasons besides use (and then ignoring the original "reason"), such that the U.S. dealers are now finding it hard to compete, if not impossible with their overseas competitors.

Atlantic in Canada guarantees delivery or you do not pay, so please, no bull about how you can not do it.

The interest in cellular capable soared through the roof to new heights, I will bet there was a 1000% increase in the number of those listening to the cellular calls since the government put their heads in their *sses and gave it all this publicity.

Now try and tell me for one moment that this is not going to happen with the cordless phones? I mean, like heck, do you REALLY think the signing of a law will change anything? I know no-one will obey it, and a law is only as good as its enforcement. In the privacy of your home or vehicle, catching you in the act of listening to such activity is damn impossible.

I mean even in a vehicle, you would have it turned off before the guy arrived at the window, there went the evidence!! (Ok, you! in the car! throw the scanner out and get out with your hands up!!)

At home, by the time the door was broken down, the scanner would be off, and what judge is going to issue a search warrant on the grounds "it is believed you are listening to cordless phones"??? Ha Ha!

The is HILARIOUS. I had not actually pursued such pleasure for a long time, a number of weeks actually since I last had listened to them and the baby monitors (which share the same frequencies and are not offered any "privacy" protection under the new "law" as they are not cordless telephones but actual one way radio transmitter/receiver units), but after reading this sh*t recently, I decided it was time to resume it. Let's see, today there was a check on the bill at the power company, one check on a credit card account, a request of information on TV violence from several stations for a school paper... all in the last hour from my local neighbors on ONE channel, did not check the others yet!

They already made it illegal to sell descramblers for scanners, but I bought and built one specifically for that purpose. Works great on those speech inversion scrambling systems -- the ones that cost a little more, and it's a laugh to think they wasted $150 for a "scrambled" phone when they could have bought the same one for $99 with the same amount of "privacy". The only real solution is the digital ones in the 900mhz range for $300.

I have heard four neighbors all resting on cordless channel 10 - 46.97 mhz in the past hour, and I know others reside on other channels as I have a chart to look them up. Heck, if I wanted to break their busy signals, I could do a voice override via cordless by camping on the channel they are using -- I have an AT&T unit for cordless fun, and it allows manual channel selection! Yum.. yum..

So net result of new law -- the press can't publicize what they hear, crimes in progress via cordless can not be reported, the number of listeners will increase 1000% due to the publicity generated by the new law, and the amount of privacy will reduce by 3000% due to more folks purchasing them thinking "private" because the salesman said it's against the law to listen. HA HA HA.

IGNORE THE LAW!! (I know I will!) They have absolutely NO power to enforce the law, I mean how can they? Unless they start doing no-knock searches and such for "scanner contraband", it is impossible... is this now Nazi-USA?

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

3601. Re: Aor 8000 -Info Needed

Newsgroup: rec.radio.scanner
Date: 1994-10-10 20:55:48 UTC
From: sbradley@sgb.oau.org
Message-ID: <CxH651.A8H@sgb.oau.org>
Source record: 267454

Victor Healey (vhealey@crl.com) wrote:
: The new handheld Aor 8000 with new scanner features.
: Is it finally shipping to the USA? If so who has it and at what cost?
: Any user observations pro/con?

Well Javiation in the UK has been shipping in full coverage units for a while now. Atlantic guarantees delivery in 2-3 days or no charge, that is in writing in any recent edition of Monitoring Times (they are in Canada).

So, yes, it's finally shipping! Don't bother with any U.S. based dealer, they can not delivery the full coverage units as the government will not allow them to market them in the U.S. That means EDCO and all their dealers.

These dealers did little to nothing about the cellular ban when it was looming in the distance, now we can make them pay by not giving them our business, as they can not deliver full coverage INTERNATIONAL scanners.

Steven
--
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CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

3602. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-10 20:57:35 UTC
From: crisp@netcom.com
Message-ID: <crispCxH680.B5M@netcom.com>
Source record: 267465
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

In article <37bei8$521@detroit.freenet.org> ad225@detroit.freenet.org (Gary Baumgarten) writes:
>
>Anyone speaking on any radio device should always asume the
>conversation is being monitored. Legislation just gives the
>users of cordless phones and cellular phones a false sense
>of security.
>

The only reason for the new law is to provide a bit of false security to the users and manufacturers of cordless/cell equipment to delay the inevitable adoption of cheap, hard crypto. The feds want to severely restrict crypto as evidenced by their failed attempt at ramming Clipper down our throats.

If the public doesn't get worked up by a few sensationalized stories involving embarrassing interceptions, there will be less demand for crypto protection in wireless equipment. Meanwhile the sneaky feds will have the time to ram some anti-crypto legislation through.

All they are doing is trying to buy time.
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3603. Re: Service For Sick PRO-43 in Houston?

Newsgroup: rec.radio.scanner
Date: 1994-10-10 21:03:23 UTC
From: sbradley@sgb.oau.org
Message-ID: <CxH6Hp.ADD@sgb.oau.org>
Source record: 267455

David C. Smith (dcs@dcsborg.cls.com) wrote:
: Quick synonpsis: Any good places in US or Houston, TX (preferred)
: to get a sick PRO-43 out of warranty fixed?

: that's what is keeping it from working. It won't work with
: either batteries or power adapter. Any ideas? Suggestions of
: reputable folks who can fix it for me? 300 bucks for a new
: one? :-)

Well you could buy a new one, swap the innards and return it for refund, if you do not care about cellular coverage. Or you could swap the innards, and keep the digital board of the old one (assuming it still works ok) and keep cellular capability. Assemble broken innards into new case (has the serial number on the back!) and return for refund.

You may scream ETHICS, DISHONEST, THEFT, etc... But think of what Radio Shack did to US, the SCANNER ENTHUSIASTS!

They did NOTHING to stop the laws (we all regularly IGNORE) about cellular monitoring. They are in bed with the FCC and will rollover like a dog on command. They have refused to seek legal counsel and make an incident out of this, and I THOUGHT they were a large corporation. I was obviously WRONG.

So let them get stiffed with the junk. The above should fix any out of warranty problem for free and they OWE us for their obedience to the FCC.

Steven
--
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CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

3604. Wanted: DTFM Decoder

Newsgroup: rec.radio.scanner
Date: 1994-10-10 21:09:24 UTC
From: worlord@aceinfo.com
Message-ID: <024716LKDKVPMLXKMUGC@aceinfo.com>
Source record: 267445

Hello,
I'am looking for an DTFM Decoder circuit for my Pro-2006 Scanner.
Dose anyone know where I can buy/Get One!
Later

... But soft, what light through yonder tagline breaks?
___ Blue Wave/QWK v2.12

3605. mods for pro2023?

Newsgroup: rec.radio.scanner
Date: 1994-10-10 21:45:10 UTC
From: sam@gold.gvg.tek.com
Message-ID: <37ccl6$gdn@gv-gate.gvg.tek.com>
Source record: 267466

Greetings Group!

I was wondering if their are any mods for the RS pro2023, I have checked oak.oakland.edu; ftp.catt.ncsu.edu & ftp.cs.buffalo.edu the closest I got was the 2022 & 2024.
Perhaps the 2023 is some kind of freak wanna-be scanner that isn't worth being modified?
any info would be appreciated.

Thank you -Scott

3606. 900 MHz & Scan Detection

Newsgroup: rec.radio.scanner
Date: 1994-10-10 22:03:02 UTC
From: jqtaylor@boi.hp.com
Message-ID: <CxH993.81@boi.hp.com>
Source record: 267467

Two items that interest me have not been followed up lately in rec.
radio.scanner: 1) i was interested in the report about the quality
of 900 MHz cordless phones, and i have not seen the final report
that was initiated here a while back. has any conclusion been
reached on what are the best models?
and 2) i really enjoyed the thread on detecting scanners, but it
seems to have died. does anyone have any charts showing, for
example, model scanner and where to look for Local Oscillator?
i found carriers in the proper place for my dual-conv scanner,
but had trouble on the triple conv detection - it was not where
it was supposed to be, even at two feet away. any followup on
these two items would be appreciated!

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MDT = GMT - 6) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 230 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

haiti, rwanda, cuba, bosnia, ... we have a list,
where is our schindler?

3607. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-10 23:12:15 UTC
From: dmunroe@vcd.hp.com
Message-ID: <CxHCGF.Dw6@vcd.hp.com>
Source record: 267450

Berton Corson <g9153402@huey.csun.edu> wrote:
>Richard Crisp (crisp@netcom.com) wrote:
>
>> Why is it that our generation had to gut the bill of rights when we were
>> passed the torch? Because we elected Bill Clinton. I will vote for no
>> incumbents in November. I pledge to ensure Bill Clinton is not re-elected.
>
>But don't forget, the ECPA (1986) was initially passed in the REAGAN/BUSH
>era. But all of them, Reagan, Bush, and Clinton, are quite dumb.

It's not so much who is President. You could make a good argument that during the 40 years that Democrats have dominated Congress, the trend has been toward more government control in our personal lives and the erosion of the Bill of Rights. But I think even that is too broad a brush; I prefer to look at the individual.

Although I've sneered at single-issue voters in the past, these days I'm fed up. Come November, I'll be voting against those who voted for the "Crime Bill" and I wouldn't be surprised if those same "representatives" are of the type who think they can regulate reception of radio waves.

-Dave

,--.
| / |
| Dave Munroe / Hewlett-Packard |
| dmunroe@vcd.hp.com / Vancouver, Washington |
| / |
`--'

3608. Re: Freq's Needed For Fairfax Cnty VA Sheriff's Office

Newsgroup: rec.radio.scanner
Date: 1994-10-11 00:33:02 UTC
From: djvelez@aol.com
Message-ID: <37cmfu$du5@newsbf01.news.aol.com>
Source record: 267473

In article <jernandez-051094115316@jernandez.pbs.org>, jernandez@pbs.org (John J. Ernandez) writes:

: I need some help with the Fairfax Cnty. VA Sheriff's Office : frequencies.

John, have you tried the Frequency Forum BBS in Vienna, VA? There's all kinds of local freq lists there, and the number (can't find it at the moment but the BBS is listed in most BBS mags) is local.... Dan

3609. Freqs Wanted: Columbia Cty NY - Hillsdale area - got some???

Newsgroup: rec.radio.scanner
Date: 1994-10-11 00:39:04 UTC
From: djvelez@aol.com
Message-ID: <37cmr8$e19@newsbf01.news.aol.com>
Source record: 267330

I bought my Dad a scanner for his birthday and programmed in all that I could find in Police Call for his area - but the list is sorely sparse. Have any public service freqs for his town/county???

3610. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-11 01:17:24 UTC
From: g9153402@huey.csun.edu
Message-ID: <37cp34$osn@nic-nac.CSU.net>
Source record: 267331
Cross-posted to: rec.radio.scanner,alt.2600,misc.legal,la.general

merlin (merlin@neuro.usc.edu) wrote:

> If you or your friends have ever tried to buy a cellular telephone which
> was advertised in the media or marked in the store at a bargain price --
> and store personnel claimed the phone was not in stock or imposed a fee
> (programming fee, deprogramming fee, contract termination fee, etc) - or
> if the store required programming (the same thing as requiring activation)
> then write to the address provided by the Attorney General's Office:

> Office of the Attorney General
> Public Inquiries Unit
> Sacramento, CA 94244-2550

I just got out the WordPerfect and finished my letter. It will be out
in the mail tomorrow. I hope others follow too. We need numbers of
people to do the same, to really get any action.

3611. Re: Optoelectronics address

Newsgroup: rec.radio.scanner
Date: 1994-10-11 01:42:33 UTC
From: rrk@glock.ramp.com
Message-ID: <37cqi9$d6q@glock.ramp.com>
Source record: 267366

Joel McNamara (joelm@eskimo.com) wrote:
: Can someone post Optoelectronics address and phone number? Also, how
: much is their catalog when I write them.

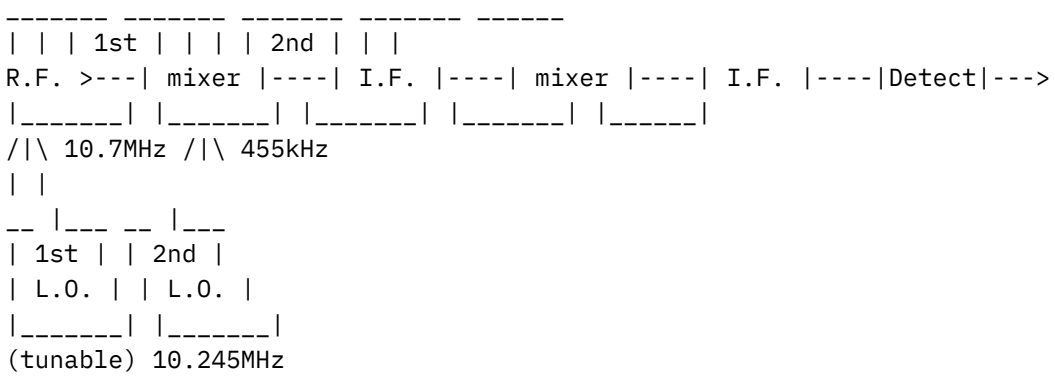
Their address is 2052 5821 NE 14 Ave., Ft. Lauderdale, FL 33334.
The phone numbers are: ordering (800)-327-5912, voice (305)-771-2050.
Last time I called them, the catalog was free, they just wanted to
know how you found about them.

Richard Kendrick CET WA7TWI

3612. Re: Beg. Q on double/triple conversion

Newsgroup: rec.radio.scanner
Date: 1994-10-11 01:48:14 UTC
From: mulligan@ACM.ORG
Message-ID: <37cqsu$iif@hopper.acm.org>
Source record: 267447

It seems my link doesn't like carets in uploads, so it chewed up the diagrams. Corrected to pass the (un-asked for) editing:



3613. Re: RADIO SHACK Pro-2035

Newsgroup: rec.radio.scanner
Date: 1994-10-11 02:27:52 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CxHLIG.5s0@nntpa.cb.att.com>
Source record: 267451

In article <brett_miller.496.000DDF0F@ccm.hf.intel.com>,
Brett Miller - N7OLQ <brett_miller@ccm.hf.intel.com> wrote:

>In article <377dmf$1a8@nic-nac.CSU.net> g9153402@huey.csun.edu
> (Berton Corson) writes:
>
>>Anyone seen any reviews and/or own a Radio Shack PRO-2035, which is
>>their new 1000 channel base scanner,....

I'm writing a PRO-2006 vs. PRO-2035 comparison article for publication.

>Think of a Pro-2006 with more channels, worse sensitivity, and a semi-useless
>search and store feature that costs more than the 2006, and you have the 2035.
>
>Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
>Intel Corp.
>American Fork, UT DoD#1461

My PRO-2035 is more sensitive on 147 and 460 MHz than the PRO-2006
(and PRO-2005s) and about the same most other places. Image immunity
and desense performance is different for both models, though.

You can link search banks together on the PRO-2035 but not on the
PRO-2006.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

3614. More Newbie Questions

Newsgroup: rec.radio.scanner
Date: 1994-10-11 02:38:12 UTC
From: "Robert Pincus"
Message-ID: <37ctqk$c5b@tbm128.thomas.com>
Source record: 267342

As a newcommer to scanning, could someone explain to me
thew difference between bands and channels?

Thanks,
Robert

3615. WANTED: TAC-TEC 310sx

Newsgroup: rec.radio.scanner
Date: 1994-10-11 03:23:38 UTC
From: hutchine@river.it.gvsu.edu
Message-ID: <37d0fq$fu7@news.it.gvsu.edu>
Source record: 267341
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.scanner

I am looking for Tac-Tec UHF or VHF radios...if you have any or know the
wearabouts of any...please let me know...

--
=-=-=-

3616. Re: Service For Sick PRO-43 in Houston?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 03:47:34 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Oct10.224734@hnrc.tufts.edu>
Source record: 267333

In article <CxH6Hp.ADD@sgb.oau.org>, sbradley@sgb.oau.org (Steven Bradley) writes:
> You may scream ETHICS, DISHONEST, THEFT, etc... But think of what Radio
> Shack did to US, the SCANNER ENTHUSIASTS!
>
> So let them get stiffed with the junk. The above should fix any out of
> warranty problem for free and they OWE us for their obedience to the FCC.

No. If your premises have any merit, then it is we who did it to ourselves by buying their product when other options were available (for example, legally purchasing modifiable units from overseas). So I'll scream ETHICS, DISHONEST, THEFT, . . . well, maybe not scream, but those words do come to mind. Maybe it's more that if I'm going to give up my personal ethics and engage in what I consider unethical behavior, it'll be for something other than getting free repairs out of RS. But, to each his/her own, I guess.

3617. Re: Digital music express

Newsgroup: rec.radio.scanner
Date: 1994-10-11 03:49:20 UTC
From: DPalmer@ix.netcom.com
Message-ID: <37d200$ia1@ixnews1.ix.netcom.com>
Source record: 267348

In <brett_miller.494.0009599F@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>
>In article <vhealey.91.0011A40A@crl.com> vhealey@crl.com (Victor Healey) writes:
>
>>>Bingo! DMX stands for _Digital_ Music eXpress. The 30 audio channels
>
>
>>Hey this is the stuff on those two foot dishs they just started selling. How
>>much is a DMX decoder?
>
>>Anyone here buy into ther DSS Sat system yet? If so how do you like it?
>
>I think you are thinking of the new RCA dishes. While it is possible that DMX
>could be offered through the RCA dishes, DMX is carried over the cable TV line
>and you rent a special decoder from the cable company to decode the signals
>for your stereo.

Music Choice (ex DCR) is available on DSS. DMX is available on satellite
but maybe not yet to private homes. Our cable system has sold a couple
of commercial DMXs in areas where there is either no cable or is in
a competitors system <grin>.
--

David Palmer DPalmer@ix.netcom.com
Who Stole My Screwdrivers?

3618. Re: RADIO SHACK Pro-2035

Newsgroup: rec.radio.scanner
Date: 1994-10-11 04:05:20 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Oct10.230520@hnrc.tufts.edu>
Source record: 267339

In article <CxHLIG.5s0@nntpa.cb.att.com>, parnass@nwsf.ih.att.com (Bob Parnass, AJ9S) writes:
> I'm writing a PRO-2006 vs. PRO-2035 comparison article for publication.

Let us know where it gets published if you're unable to post it to the net as a condition for publication.

3619. Re: Pro 43 on sale/ Price protection plan

Newsgroup: rec.radio.scanner
Date: 1994-10-11 04:09:26 UTC
From: flarsen@garnet.berkeley.edu
Message-ID: <flarsen-101094200927@home.hip.berkeley.edu>
Source record: 267335

In article <1994Oct10.154156@hnrc.tufts.edu>, jerry@hnrc.tufts.edu (Jerry Dallal) wrote:

> Check the back of your sales slip.

I did ... 30 days!

> Many states require the information to be posted prominently in the store.

It is ... 30 days!

The Radio Shack Store employee I talked to suggested coming back later to talk to the store manager. However, since my purchase is well over 30 days old, I feel that I would abuse an excellent return policy, if I tried to get a refund of the sale price vs catalog price difference this late.

So, I guess that I'm just SOL.

Oh, well ...

-- Flemming Larsen flarsen@uclink.berkeley.edu

3620. Re: Info Wanted: Bearcat 250 scanner - anyone own one????

Newsgroup: rec.radio.scanner
Date: 1994-10-11 04:17:23 UTC
From: flarsen@garnet.berkeley.edu
Message-ID: <flarsen-101094201723@home.hip.berkeley.edu>
Source record: 267340

In article <37c8nj$r2e@shore.shore.net>, mc@shore.net (Michael Crestohl)
wrote:

> I recently picked up a clean Bearcat 250 scanner
>
> Michael Crestohl KH6KD/W1
> mc@shore.net

I had a Bearcat BC-250 a few years (_quite_ a few years) ago when that scanner was SOTA (State Of The Art). It had features I have since wished for in subsequent scanners I've purchased.

Unfortunately, the BC-250 power supplies had a nasty habit of going bad, and there were reports of failures of ICs that are no longer available.

I still have my BC-250, but it no longer scans. I also have the original owners manual and the service manual. These are, unfortunately, packed away in boxes and in storage, but if you can't get copies of the manuals from someone closer to POB 54, ALBURG, VT 05440, than California, I'll try to dig them out, when I get a chance.

73 de KB6ADS/OZ6OI

-- Flemming Larsen flarsen@uclink.berkeley.edu

3621. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 04:33:58 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct11.043358.5992@hpcvaac.cv.hp.com>
Source record: 267347
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

cropley@cbnewsf.cb.att.com (andrew peter.cropley) writes:
:
: I picked up about 120 feet from my cable company last week. They
: gave me 7/8" stuff. This stuff also has a thick black plastic jacket on
: it. (Total diameter is over and inch, but dia. of alum. shield is 7/8)
:
: I'm guessing that 7/8 hardline connectors will work well with this.
: lots o' money thou. the big question is building the 75 to 50 Ohm transformers
: for each end. still trying to find plans to build these. the ARRL HB has
: a plan with a Torrid Coil but it says it's designed for upto 30 Mhz and
: I will be looking at VHF and UHF. anyone out there made these transformers???

Why worry about it. The loss will be negligible.

Bill

3622. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-11 04:48:46 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct11.044846.6240@hpcvaac.cv.hp.com>
Source record: 267353
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

gary@ke4zv.atl.ga.us (Gary Coffman) writes:
: In article <1994Oct10.075613.7018@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
: >jnormandin@umassd.edu (JERRY NORMANDIN) writes:
: >
: >: I suggest you read up on bio physics!
: >: all matter, including our cell structure is bipolar.
: >
: >What does this mean?
:
: It means cells are affected by electric fields, same way a bar magnet
: will align with an external magnetic field. It's the principle behind
: electrophoresis. During cell division, while the nucleus is splitting,
: the cell is particularly vulnerable to electric fields. As far as I
: know, magnetic fields aren't implicated in this at all.

Note that the person said "all matter". That is why I was wondering about
the usage of the term.

: >How did they do this? All the ones I have seen had the transmitter in the
: >head - which was aimed at the automobile. Kind of hard to do that if you
: >are holding it in your lap. The readout unit may have been held in their
: >laps, however - and they may have contained a high voltage power supply.
:
: Well, obviously, the handheld radar guns used by police are *not* 250 watts.
: They are in fact in the range of 10 *milliwatts* to 25 *milliwatts*.

Correct.

: However, cops are in the habit of resting the guns in their laps when they
: aren't actively clocking a vehicle, and they *don't turn them off* for the
: entire shift. So they get a good near field dose to the testicles. Testicular
: cancer rates are higher among police who do traffic patrol. Figure what the
: power density is right at the mouth of a 17 db standard horn and you'll see
: the levels they are getting are above ANSI limits. This is also why you should
: never look into the antenna of a microwave transmitter, no matter if it is
: very low power. The ERP can still be above safety limits at very close range.

All the units I have seen have a trigger on them - so called "instant on"
units. There might be a high EM field, but no microwaves. Are the cops so
stupid that they would rest the mouth of an active radar unit on their
testicles? Highly unlikely.

Even if this were not true, I would expect the reflected waves to be much
higher than any leakage signal through the casing. Add in standing waves,

and you could get quite a few local hotspots - that would change position every time the unit moved a fraction of an inch.

Maybe the get the cancer from the sugar in their doughnuts.

Bill

3623. Re: Cordless Snooping Outlawed?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 04:57:02 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct11.045702.6430@hpcvaac.cv.hp.com>
Source record: 267463

crisp@netcom.com (Richard Crisp) writes:
:
: for the same reason the NRA did not oppose the machine gun ban of 1986.
: It just did noccur to the old geezers that the nose of the camel was in
: the tent and soon they'd have the whole camel in with them. Do not
: vote for incumbents this fall, Send a clear message to Washington
: that we will not stand for any more infringements of our liberties.
: Toss out Bill Clinton and his whole liberal agenda into the waste heap
: where they all belong. Hell maybe Tyson has a job for him shoveling
: Chicken Sh*t into the rivers of Arkansas.

You say this, yet you do not speak up when the government makes it illegal for people to use the drug of their choice, in the privacy of their own house. The Republicans, with their War on some Drugs, is just as bad. This erosion has been going on for over three decades. It is just that the more blind of you are finally starting to notice.

We need to revamp the complete government, starting by getting rid of both major parties.

Bill

3624. Non Realistic Radio Shack scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-11 05:10:00 UTC
From: salomon@apsicc.aps.edu
Message-ID: <10OCT199422104510@apsicc.aps.edu>
Source record: 267346
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does Radio Shack sells scanners of other brands apart from Realistic?
Thanks,
Pablo

3625. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-11 05:16:44 UTC
From: finster@zeus.fasttax.com
Message-ID: <finster.337.2E9A1FBC@zeus.fasttax.com>
Source record: 267358
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <1994Oct10.075613.7018@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>From: billn@hpcvaac.cv.hp.com (bill nelson)
>Subject: Re: WTB: Radar gun...
>Date: Mon, 10 Oct 1994 07:56:13 GMT

>jnormandin@umassd.edu (JERRY NORMANDIN) writes:
>: My first job after college was as an engineer at Lincoln Lab with the
>: LASER Group! Lasers are easily "absorbed". They use a frequency of
>: light that is easily absorbed with g.$a#*)(@@@@ , I don't want
>: to get into trouble. Also LASER RADAR can be jammed just like
>: Microwave RADAR! You transmit the calibration signal!

>It can be absorbed - at least most of it can - if you are willing to
>paint the complete front end of your automobile with the proper substance.
>Windshields will also, in many cases, return a sufficiently strong signal.

>If they have a calibration signal. If they are using T and D radar, then
>there is no such signal. Even if there was, the officer would know what
>was happening, just as they know with current radar. Such jamming happens
>to be highly illegal, for a number of reasons, and is likely to get you
>into far more trouble than a simple speeding ticket.

I'm not trying to start anything, simply looking for clarification. Why would it be illegal to transmit infrared laser? I wasn't aware there were any regulations on transmitting light of any frequency/pulse duration or coherency. Am I simply misinformed? Or are there other laws in effect here?

I'll sit back and listen now...

-- Dave
finster@fasttax.com

3626. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-11 05:57:35 UTC
From: steinr@ucs.orst.edu
Message-ID: <37d9gf$7vg@gaia.ucs.orst.edu>
Source record: 267360
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <1994Oct11.044846.6240@hpcvaac.cv.hp.com>,
bill nelson <billn@hpcvaac.cv.hp.com> wrote:
......
......
>
>: However, cops are in the habit of resting the guns in their laps when they
>: aren't actively clocking a vehicle, and they *don't turn them off* for the
>: entire shift. So they get a good near field dose to the testicles. Testicular
>: cancer rates are higher among police who do traffic patrol. Figure what the
>: power density is right at the mouth of a 17 db standard horn and you'll see
>: the levels they are getting are above ANSI limits. This is also why you should
>: never look into the antenna of a microwave transmitter, no matter if it is
>: very low power. The ERP can still be above safety limits at very close range.
>
>All the units I have seen have a trigger on them - so called "instant on"
>units. There might be a high EM field, but no microwaves. Are the cops so
>stupid that they would rest the mouth of an active radar unit on their
>testicles? Highly unlikely.
>
...
...
>
>Maybe the get the cancer from the sugar in their doughnuts.
>
>Bill

Actually, most of the officers that get this form of cancer are motorcycle
officers since they must rest their gun near this part of their body
when chasing a car.
Also the officers in autos may incidentally rest the gun there if they
throw it down in a hurry to chase a "speeder".
It's not done by choice, that's guaranteed...
--
_____________________________________ |C _____________
RAY STEIN __B_|/
OSU Electrical Engineering |\ <<--COOL!
------------------------------------- |E --------------

3627. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-11 06:32:02 UTC
From: Don Whiteside <dwhite@shadow.net>
Message-ID: <37d0sk$5mu@anshar.shadow.net>
Source record: 267469
Cross-posted to: rec.radio.scanner,misc.legal,la.general,alt.2600

In article <crispCxH5wr.AJD@netcom.com>, <crisp@netcom.com> writes:
> A second idea is to wear a hidden tape recorder and tape the entire
> transaction, and play the game as outlined above. When he tries the
> inevitable BS that we all expect tell him that you have taped the
> entire conversation and that your next stop is the local DA's office.

And then when you go the the DA, play the tape and get arrested for
wiretapping, you will have a cellular phone to use while Bruno is
boofing you in your cell.

3628. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 06:37:42 UTC
From: mcduffie@unlinfo.unl.edu
Message-ID: <37dbrm$g2v@crcnis1.unl.edu>
Source record: 267363
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

I want to know who is ripping the guy off at .60/ft for RG-8!!!
Belden 9913 is only .56/ft, locally, even out here in Podunk! And,
you can do better than that by shopping around.

Gary

3629. Re: Carter's Haiti negotiations intercep

Newsgroup: rec.radio.scanner
Date: 1994-10-11 08:59:59 UTC
From: Ed Ellers <edellers@delphi.com>
Message-ID: <Ji+Vpdf.edellers@delphi.com>
Source record: 267461

charlie cremer <cremer@delphi.com> writes:

>The intercepted signals came from HAITI, a whole 'nother nation. The FCC
>and/or the US Congress has no jurisdiction over radio waves in other
>countrys.

But if the interception takes place in the U.S., the Communications Act DOES
apply.

3630. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-11 10:18:31 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <781870711snz@javiaton.demon.co.uk>
Source record: 267376

In article <crispCxEy6F.Fr3@netcom.com> crisp@netcom.com "Richard Crisp" writes:

> >The R-7100 freq coverage starts at 25 MHz. I read that the
> >latest versions omit 800 - 900 MHz, but I cannot verify this
> >as I bought mine a while ago.
> >
>
> I was in Japan last week and stopped in Akihabara to check out
> radios. I discovered the R7100s offered for sale cleverly delete
> only the cellular frequencies, retaining the other 800mhz freqs.

[snip]

> After I walked away, I remembered that I wanted to check to see if
> the Japanese model deleted the 3xxmhz Japan cordless frequencies,
> but it was too late in the day for me to go back to check. Next
> time perhaps!

Hi Richard,

The "Japanese" version of the IC-R7100 has quite a few gaps &
does delete the Japanese cordless phones, cellular and other "personal"
bands. Frequencies covered when taken out of the box are:-

25.00 ~ 252.90
255.10 ~ 261.90
266.10 ~ 270.90
275.10 ~ 379.90
382.10 ~ 411.90
415.10 ~ 809.90
834.10 ~ 859.90
889.10 ~ 914.90
960.10 ~ 1000.00
1240.00 ~ 1300.00 (1999.99)

The last time I played with the Japanese version was 18 months or
so ago but I beleive these are still the current Japanese spec. By chance
these frequencies also omit the majority of US cellular. The German
& French versions also used to have differing frequency ommisions.

A short jumper wire between two empty pads on the logic board
restores 25 ~ 2GHz coverage on the Japanese model & I assume
would be the same on the German/French etc !

Cheers,
/--\
| Jonathan Clough, |"How important is an airplane's appearance" ? |

```
| Javiation, Bradford, UK |"Its important to me. My wife tells me that if|
| CI$ : 100117,535 | it doesn't look good, it won't fly good. |
| Internet: | That's good enough for me" - Kelly Johnson |
| Clough@javiaton.demon.co.uk| Designer of the Mach 3+ Lockheed SR-71 |
\-----------------------------------------------------------------------/
```

3631. Re: Blocking performance of new PRO-2035 1000 ch. scanner?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 12:04:28 UTC
From: James Van Houten <alarm@access.digex.net>
Message-ID: <Pine.SUN.3.90.941011080330.10302B-100000@access4.digex.net>
Source record: 267371
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Are there any MODS that can be done to correct the blocking? Are there any other MODS available for this unit?

--Jim Van Houten

3632. Cordless Phone Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 12:29:12 UTC
From: perry@jpunix.com
Message-ID: <37e0eo$edl@jpunix.com>
Source record: 267370

With all this talk about cordless phone monitoring, I was wondering if someone would post the cordless phone frequencies? I'd like to program them into my scanner. Thanks.

John A. Perry - KG5RG - perry@jpunix.com

PGP 2.61 key for perry@jpunix.com is on the keyservers.
PGP-encrypted e-mail welcome!

Finger kserver@jpunix.com for PGP keyserver help.
Finger remailer@jpunix.com for anonymous remailer help.

3633. Re: Hit list for November elections

Newsgroup: rec.radio.scanner
Date: 1994-10-11 12:39:54 UTC
From: domonkos@access.digex.net
Message-ID: <$wdckiubGMOP066yn@access.digex.net>
Source record: 267474
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <gradyCxGt7y.80M@netcom.com>, Grady Ward wrote:
> Normally I ignore "single issue" litmus tests and just vote based
> upon overall record, but I'm agreeing with Mr Crisp this time that
> erosion of fundamental rights transcends other criteria. Vote
> the incumbents out.
>
> --
> Grady Ward | For information and free samples on | "Look!"
> grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
> +1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
> (voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

Elect no one from the present bicameral system. They (democrats,republicans)
smell the same to me...

Andy

3634. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-11 12:40:05 UTC
From: domonkos@access.digex.net
Message-ID: <VzdckiubGMwV066yn@access.digex.net>
Source record: 267325
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

In article <crispCxH680.B5M@netcom.com>, Richard Crisp wrote:
>
> The only reason for the new law is to provide a bit of false security
> to the users and manufacturers of cordless/cell equipment to delay
> the inevitable adoption of cheap, hard crypto. The feds want to
> severely restrict crypto as evidenced by their failed attempt
> at ramming Clipper down our throats.
>
> If the public doesn't get worked up by a few sensationalized stories
> involving embarrassing interceptions, there will be less demand
> for crypto protection in wireless equipment. Meanwhile the sneaky
> feds will have the time to ram some anti-crypto legislation
> through.
>
> All they are doing is trying to buy time.
> --
> Richard Crisp Cupertino, Ca. crisp@netcom.com
> (415) 903-3832 wk (408) 253 4541 fax
> For PGP Public Key, type finger crisp@netcom.com
> "It is a good thing that we do not get as much government as we pay for"
> -Will Rogers

The Clipper has been getting too much press, I don't think the security
agencies will publicize their REAL 'golden goose' backdoor...

Andy

3635. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-11 12:40:21 UTC
From: domonkos@access.digex.net
Message-ID: <3$dckiubGAG7066yn@access.digex.net>
Source record: 267326

In article <37c80f$85l@nic-nac.CSU.net>, Berton Corson wrote:
>
> But don't forget, the ECPA (1986) was initially passed in the REAGAN/BUSH
> era. But all of them, Reagan, Bush, and Clinton, are quite dumb.
>

Backs up my previous post, elect no democrat/republican. Time for some
REAL fresh blood and not someone from the good ole' boy network...

Andy

3636. Re: Cordless Snooping Outlawed?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 12:40:35 UTC
From: domonkos@access.digex.net
Message-ID: <G1eckiubGIj5066yn@access.digex.net>
Source record: 267327

In article <1994Oct11.045702.6430@hpcvaac.cv.hp.com>, bill nelson wrote:
>
> You say this, yet you do not speak up when the government makes it illegal
> for people to use the drug of their choice, in the privacy of their own
> house. The Republicans, with their War on some Drugs, is just as bad.
> This erosion has been going on for over three decades. It is just that
> the more blind of you are finally starting to notice.
>
> We need to revamp the complete government, starting by getting rid of both
> major parties.
>
> Bill

You'll never see true drug enforcement, U.S. banks have lent so much money
to South America that if their main CA$H crops were cut off they'd default
on the loans and the banks would close.

Andy

3637. Re: PRO 46

Newsgroup: rec.radio.scanner
Date: 1994-10-11 12:40:40 UTC
From: domonkos@access.digex.net
Message-ID: <X5eckiubGsfR066yn@access.digex.net>
Source record: 267328

In article <37c2ki$qg4@apple.com>, Ulan King wrote:
>
> I also hear that the Pro 46 microprocessor is capable of 760-1300 Mhz.
> How do you
> get the scanner to do that type of range?
>
> Ulan

It isn't so much opening up the tuning range as it is having the required
front end tuned circuits. When you go beyond the intended frequency ranges
the front end tuned circuits act as filters, thus you'll get very little,
if anything outside the designed ranges.

Andy

3638. Re: Service For Sick PRO-43 in Houston?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 12:40:45 UTC
From: domonkos@access.digex.net
Message-ID: <aAeckiubGsCF066yn@access.digex.net>
Source record: 267329

In article <1994Oct10.224734@hnrc.tufts.edu>, Jerry Dallal wrote:
>
> No. If your premises have any merit, then it is we who did it to ourselves by
> buying their product when other options were available (for example, legally
> purchasing modifiable units from overseas). So I'll scream ETHICS, DISHONEST,
> THEFT, . . . well, maybe not scream, but those words do come to mind. Maybe
> it's more that if I'm going to give up my personal ethics and engage in what I
> consider unethical behavior, it'll be for something other than getting free
> repairs out of RS. But, to each his/her own, I guess.

I think what he was getting at is it's the only way you'll guarantee getting
back your 43 w/800 Mhz unrestricted coverage. Chances are high you'll get
a unit back that has been gutted and replaced by a non-restorable version.
If they guarateed NOT to do that, well that's another story. I wish we
could deal directly with GRE (if they're the real manufacturers).

Andy

3639. Re: Hit list for November elections

Newsgroup: rec.radio.scanner
Date: 1994-10-11 12:48:03 UTC
From: jlbowman@indyvax.iupui.edu
Message-ID: <1994Oct11.074803.9019@ivax>
Source record: 267397
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

> "It is a good thing that we do not get as much government as we pay for"
> -Will Rogers

Aye......A second on the "Hit List" as proposed by Mr. Crisp. It may fair well if a "note" to Washington would be generated in this newsgroup which could easily be forwarded to the respective members of our "distinguished" House and other "elected" officials. Wake up America!
Jeffrey

3640. Re: pro43 vs bearcat 200xlt

Newsgroup: rec.radio.scanner
Date: 1994-10-11 13:41:54 UTC
From: rickz@htsa.hva.nl
Message-ID: <1994Oct11.134154.8045@htsa.hva.nl>
Source record: 267336

I own a BC 200 xlt and I can say: one hell of a scanner. With a external antenna
it is the best.

--
Mazzel,, Rick.
\\|//
(o o)
-----Rick de Zwart----oOO-(_)-OOo----rickz@htsa.hva.nl-----

3641. Re: DMX Digital Music Express

Newsgroup: rec.radio.scanner
Date: 1994-10-11 13:54:42 UTC
From: jernandez@pbs.org
Message-ID: <jernandez-111094085442@jernandez.pbs.org>
Source record: 267375

In article <Cx8B38.Eov@iat.holonet.net>, bcorson@iat.holonet.net (Berton M Corson) wrote:

> My cable TV system (Cablevision, West San Fernando Valley, CA) advertises
> DMX Digital Music Express, offering something like 60 channels of
> continuous music using what I think is another decoder to connect
> to the stereo, which works with a DMX remote control.
> Does anyone know if it is possible to listen to this stuff on
> my RS-2006 scanner (in mono of course)? What frequencies would they
> be sitting at? Would a coax to BNC converter just do, to lead the
> cable system's signal into the scanner? I'm wondering if the whole
> thing is digital, being transmitted through the cable system, which
> would make listening this way impossible.
>

This system, like all digital radio and television, satellite and cable systems which are evolving are all digital. The 60 channels you mention are 60 different digital streams which are bundled as 10 streams onto 6 different carriers. The 10 streams are Time Division Multiplexed together to form one big digital stream. This big digital stream then modulates an RF carrier using a modulation scheme called QPSK. The advantage of digital (for the programmer) is all channels can be encrypted with unique codes. Systems like these are great for people in business like broadcasters and (eventually) public service radio systems, BUT will kill the hobby as we know it since these codes will be UNDECODABLE.

--
John J. Ernandez
Communication Systems Engineer
Public Broadcasting Service

"My Favorite Location On the Pennsy" MP-46.8 Plainsboro, NJ

E-Mail jernandez@pbs.org Member:PRR Technical & Historical Society
Phone: 703-739-5474 Southern Railway Historical Association
Amateur Radio: KA2YAP

3642. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 14:00:54 UTC
From: fields.d@calc.vet.uga.edu
Message-ID: <fields.d.14.2E9A9A96@calc.vet.uga.edu>
Source record: 267332
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

>I want to know who is ripping the guy off at .60/ft for RG-8!!!
>Belden 9913 is only .56/ft, locally, even out here in Podunk! And,
>you can do better than that by shopping around.

RS was .59/ft for RG-8, and another company (local) was .60/ft
Belden 9913 I'll have to call around for this one.

David Fields
U n i v e r s i t y O f G e o r g i a
College Of Veterinary Medicine, Teaching Hospital

E-mail: fields.d@calc.vet.uga.edu

3643. Re: Cancer rate among hams. Was: WTB: Radar gun

Newsgroup: rec.radio.scanner
Date: 1994-10-11 14:28:52 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <37e7f4$3pl7@yuma.ACNS.ColoState.EDU>
Source record: 267334
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <kevin.jessup.20.00937B25@mail.mei.com> kevin.jessup@mail.mei.com (Kevin Jessup) writes:
>In article <1994Oct10.075613.7018@hpcvaac.cv.hp.com>
> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>>jnormandin@umassd.edu (JERRY NORMANDIN) writes:
>>: NOW AS FAR AS CANCER GOES.... TALK TO ANY SEASONED HAM! even 73cm is
>>: harmfull with handhelds! if 440Mhz causes cancer imagin what a flip
>>: phone does at 820Mhz!
>I think the portable cellular phones are only .6 Watts, right? The
>true mobiles are 3 Watts. Not that it doesn't deserve consideration.

Not to mention that higher frequencies tend not to penetrate as deep.
>
>Not that there shouldn't be more studies. RF/EMF can be a very dangerous
>thing.

3644. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-11 14:46:09 UTC
From: gregor@nrlfs1.nrl.navy.mil
Message-ID: <gregor.1132274409B@ra.nrl.navy.mil>
Source record: 267338
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In Article <CxFrpD.Kr6@umassd.edu>, jnormandin@umassd.edu (JERRY NORMANDIN)
wrote:
>In article <1994Oct9.232124.29486@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com
(bill nelson) writes:
>>jnormandin@umassd.edu (JERRY NORMANDIN) writes:
>>
>>: MAKE SURE YOU USE CAUTION WHEN YOU USE THE RADAR GUN!! THEY CAUSE CANCER!
>>: That's why Laser RADAR is now used!
>>
>>There have been some claims that they cause cancer. It is by no means
>>documented.
>>
>>Laser is used because it is much harder to detect. The cops feel there are
>>too many radar detectors on the road. They feel that this makes their
>>revenue^h^h^h^h^h^h^hsafety enhancement efforts futile.
>>
>>Bill
>>
>Man,
> My first job after college was as an engineer at Lincoln Lab with the
>LASER Group! Lasers are easily "absorbed". They use a frequency of
>light that is easily absorbed with g.$a#*)(@@@@ , I don't want
>to get into trouble. Also LASER RADAR can be jammed just like
>Microwave RADAR! You transmit the calibration signal!
>
>NOW AS FAR AS CANCER GOES.... TALK TO ANY SEASONED HAM! even 73cm is
>harmfull with handhelds! if 440Mhz causes cancer imagin what a flip
>phone does at 820Mhz!
>
>Rhode Island and Conneticut State Police did a study and the cancer
>rate is alarming!
>
>the circuitry used to drive the LASER DOPPLER RADAR is also hazardous
>though, the LASER is pulsed at @1Ghz!
>
>I suggest you read up on bio physics!
>all matter, including our cell structure is bipolar.
>that's why gravity has an effect on our body
>
>It's been found that if the magnetic field gets stimulated
>while our cells divide.... well the DNA code can get mangled
>the cell forms a mass.. it forgets to die after it split 50 times
>

>Thats why children who live near high power lines or well...
>you draw the conclusion... birth defects al that stuff
>
>I don't know about you but I wouldn't want a 250Watt RADAR sitting on my lap
>

I would like to dispell a few popular misconceptions here, as speculations seem to getting a little crazy. In order for any form of electromagnetic radiation to cause cancer it would have to trigger a change in your cells DNA. This normally takes the form of some sort of destruction or _mutation_. If the right sequence is changed in the right way, unihibited reproduction and lack of programmed cell lifetime may occur, i.e. cancer.

Now, this can only occur if the radiation you are exposed to is *ionizing* radiation, i.e. finite mass particles (electrons, protons, ions if energetic enough). The most common forms people are exposed to day to day are medical X-rays, and rocks in the soil. Electromagnetic radiation at the frequencies of light or below is *not* ionizing radiation. The coupling between this energy and cell structures in your body cannot be modeled as an interaction between a penetrating high enery particle and the cell. In order for this energy to couple into your body you would need a resonant structure whos size is some multiple or reasonable sub-multiple of the radition wavelength.

What is the wavelength of a 440 Mhz signal? It's roughly 70 cm. What structures inside your body are even 1/4 that size? Your arms and legs. Thats about it. Now, even at this the effect of the coupling will be to cause local heating. The amount of power required to heat these structures up to dangerous levels is certainly not legal for amateur operations. And thats assuming they would resonate. Since they are fairly heterogenious, I rather doubt they would. You may be able to put enough power into a smaller structure like your eyeball that would resonate, but you would need to operate at a wavelength on the order of 2.5 - 5 cm, or about 6 GHz. In order to couple into your DNA you would need wavelengths on the order of molecular sizes. That means particles.

There are molecules in your body that will exhibit vibrational resonance at frequencies in the microwave range. Water is the most common. So, if you operate at say 3-6 GHz and focus enough power into the proper structures in your body, you may cause some local heating. Note that in order to make this work in a microwave oven a fairly powerful magnetron feeds energy into an enclosed resonant cavity to build up the power levels to the required magnitude to cook your food. Note also that all you get is heating. This is unlikely to cause cancer, since to do that you must slightly damage the string without destroying its ability to function in the host cell. Cooking the cell just won't do.

Recently the FDA has responded to widespread fear of health effects due to power line and cellular telephone exposure by starting a rather large study on the biological and health effects of exposure electromagnetic fields. I attended a seminar at the University of Maryland sometime last year where the latest data was discussed. No conclusion was indicated, although they were trying very hard to find _some_ correlation. In some cases the data supported the conclusion that living under power lines *reduced* the likelyhood of

contracting some forms of cancer. This is counterintuitive. What it means is that any correlation is in the noise.

They have also failed on the theoretical and experimental fronts to show any mechanism for the alleged health effects of exposure to these fields, although they have just gotten started. They did show experimentally that exposure to strong magnetic fields caused isolated cells of one type to change shape. The cell would change back to normal when out of the field and no short or long term effects on the cells operation were found. I find this result far less surprising than they did, given that certain animals like birds can sense the earths magnetic field for use as a guidance mechanism. The cell would *have* to respond to a magnetic field in *some* way for birds to accomplish this feat!

So there you have it. Hams are more likely to suffer health effects from exposure to chemicals and smoke in their environment than from the EM radiation they produce, unless perhaps they have a full KW at 3 GHz running into an unmatched antenna taped to the ceiling of their shack. How many of those old WWII oil capacitors we used to play with contained PCB's, do you suppose?

-- Joe, WA3WRN

Joseph Gregor |
gregor@ccf.nrl.navy.mil | THIS SPACE INTENTIONALLY LEFT BLANK.
tmh@eng.umd.edu |
_____|_____

3645. Satcom

Newsgroup: rec.radio.scanner
Date: 1994-10-11 15:16:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <55c_9410111144@blkcat.fidonet.org>
Source record: 267361

With all the global military action going on has anyone
had any luck with Satcom freqs? I have found some active
ones but seems always to be encrypted.
Tom

Fidonet: Tom Eagan 1:109/239
Internet: Tom.Eagan@f239.n109.z1.fidonet.org

3646. Freq's Needed for Memphis, TN

Newsgroup: rec.radio.scanner
Date: 1994-10-11 15:26:24 UTC
From: wirth.it
Message-ID: <wirth.it-1110940827120001@17.127.11.184>
Source record: 267344

I would appreciate getting freq's for Memphis, TN. Specifically, public safety, etc. Please email to: Wirth.It@Apple.com.

Thanks!

--
"It's a helluva day to stop sniffing glue"

3647. 900 MHz cordless phone evaluations

Newsgroup: rec.radio.scanner
Date: 1994-10-11 15:41:52 UTC
From: dsrekcc@prism.gatech.edu
Message-ID: <37ebo0$rdo@acmex.gatech.edu>
Source record: 267388

Sorry if this is a duplicate post; the first one went to net.oblivion ...

About a month ago I put out a call on the net for your comments and
experiences with 900 MHz cordless phones. The following is what I
finally distilled out of those responses. Note that these are
actual experiences, not rumor or manafacturer's claims (nor mine).
If your phone does not exhibit the performance problem indicated here,
well, great.

Below is a table of some basic performance comments, followed by more
lengthy comments on each model. I received over 2000 lines of comments,
and have edited _that_ down to 1200+ lines (~60K). Since posting those
comments would be an ENORMOUS waste of bandwidth, I will e-mail a copy
of that file to whoever really wants it.

If you have comments about your experiences with your phone, e-mail me
and I will include it in the final draft of this. I am of course
interested in data that is absent in the table below (e.g. Uniden duration).
Please don't e-mail just to "ditto" comments made here. Thanks.

Talk Handset
MODEL #R SS Sound Quality Range (ft) Duration Size
---------- -- --- ---------- ---------- -------- ---------
AT&T 9100/9120 5 Yes hissy, tinny "Good" Wide
BEL 900 1 No crystal clear "1 block"
Escort 9000/9020 4 Yes good, crappy 2.0 hrs
Panas. 9000/9220 6 No excellent "few 100" 0.5 hrs Flip
Sony SPP-ER1 1 No Big
Tropez 900 DL/DX 15 No* noisy, artifacts 300-1000 1.5 hrs Difficult
Uniden 9100/9200 13 Yes good but echo 500 Good

#R : Number of responses I got about this phone
SS : Spread spectrum encoded - This means that you're not broadcasting
your voice across the neighborhood, for all scanners to hear.
While a few people might be able to decipher it now, and some
scanners may do it in the future, you are at least secure from
95% of the "snoopers" out there. Me included.
If it's not SS, then you _can_ pick it up with a simple scanner.

COMMENTS:

AT&T
- 9120 is a speakerphone
- AT&T phone is OEM'd from VTech, the company that makes the Tropez.
The ergonomics are better, but the performance is about the same.

Escort
- The "good, crappy" comment in the table means I got conflicting
responses.

Panasonic
- Flip-phone style
- Dual batteries; extra battery does NOT power base in power outage.

Tropez
Note: while many people disliked the Tropez, some vehemently,
I should say that I received a few responses defending it.
- 900 DX is a speakerphone
- Range is apparently very good, at 1000 feet or more.
- The Tropez models are NOT spread spectrum. They use a single channel
16 kHz PCM signal about 100 kHz wide. While this means that Joe
Scanner can't pick up an easy FM signal, it also means that it is not
quite the level of security offered by spread spectrum. The digitized
audio is apparently coded to a random, shifting key (64K combinations),
so interception is still unlikely. On a plain scanner, your voice is
indeed unrecognizable (digital).
- It has been reported that clear audio (FM) leaks at around 430 MHz.

Uniden
- 9200 is two-line speakerphone with ability to charge extra battery.
Extra battery WILL power base in power outage.
- Almost everyone liked their Uniden, except for the echo.
The echo (and some said clipping and distortion) appears only in
your earpiece; the other person can't hear it, although you may
find it very irritating.

Miscellaneous

- Radio Shack and NorthWestern Bell models are possibly OEM'd, but I have
conflicting information on that. They are apparently not spread spectrum,
but just broadcast your audio in the clear (FM).

- Motorola makes a 49 MHz cordless phone that reverses the audio into
something unrecognizable on scanner. There's one of these in my
neighborhood; a plain scanner won't work on it, but it is pretty simple
to build a circuit to un-reverse the audio (see rec.radio.scanner).
The Motorola 49 Mhz apparently goes for around $400.

- From the FAF - Frequently Asked Frequencies file on oak.oakland.edu -

Panasonic KX-T9000 base 902.100-903.870 { 60 channels
handset 926.100-927.870 { 30 kHz spacing

VTech Tropez 900DX base 905.600-907.500 { 20 channels
(digital) handset 925.500-927.400 {100 kHz spacing

AT&T #9120 902.0-905.0 / 925.0-928.0 }
OTRON CORP. #CP-1000 902.1-903.9 / 926.1-927.9 } unconfirmed
SAMSUNG #SP-R912 903.0 / 927.0 }

--
Chris Campbell dsrekcc@prism.gatech.edu

3648. Re: Non Realistic Radio Shack scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-11 15:59:37 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Oct11.105937@hnrc.tufts.edu>
Source record: 267381
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <10OCT199422104510@apsicc.aps.edu>, salomon@apsicc.aps.edu (Pablo Salomon) writes:
> Does Radio Shack sells scanners of other brands apart from Realistic?

Yes, but under their own label. If they're from the Phillippines, they're Unidens; if from Japan, they're GRE.

3649. Wanted: Pro-43 or Pro-51

Newsgroup: rec.radio.scanner
Date: 1994-10-11 16:12:37 UTC
From: barrak@rintintin.Colorado.EDU
Message-ID: <37edhl$mi4@CUBoulder.Colorado.EDU>
Source record: 267343

Wanted: Radio Shack Pro-43 or Pro-51 in good condition. Must be cellular-restored.

Please respond by e-mail with your offerings.

---barrak

3650. Re: Cordless Phone Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 16:35:23 UTC
From: tls@gate.net
Message-ID: <37eesb$j4e@tequesta.gate.net>
Source record: 267345

John A. Perry (perry@jpunix.com) wrote:

: With all this talk about cordless phone monitoring, I was wondering if
: someone would post the cordless phone frequencies? I'd like to program
: them into my scanner. Thanks.

46.6 to 47.0 MHz

3651. Re: Freqs Wanted: Columbia Cty NY - Hillsdale area - got some???

Newsgroup: rec.radio.scanner
Date: 1994-10-11 16:49:49 UTC
From: kws@fc.hp.com
Message-ID: <37efnd$dg1@tadpole.fc.hp.com>
Source record: 267349

In article <37cmr8$e19@newsbf01.news.aol.com>, djvelez@aol.com (DJVelez) writes:
> I bought my Dad a scanner for his birthday and programmed in all that I
> could find in Police Call for his area - but the list is sorely sparse.

That's because that part of Columbia County is pretty sparse.
You might check some Poughkeepsie area BBS systems. They often
contain freqs for the 914 and 518 area codes. Maybe an Albany BBS....

> Have any public service freqs for his town/county???

3652. Re: Cancer rate among hams. Was: WTB: Radar gun

Newsgroup: rec.radio.scanner
Date: 1994-10-11 16:54:34 UTC
From: harrison@calvin.jci.tju.edu
Message-ID: <37eg0a$grp@elmo.tju.edu>
Source record: 267393
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <37e7f4$3pl7@yuma.ACNS.ColoState.EDU>, galen@picea.CFNR.ColoState.EDU (Galen Watts) writes:
|> In article <kevin.jessup.20.00937B25@mail.mei.com> kevin.jessup@mail.mei.com (Kevin Jessup) writes:
|> >In article <1994Oct10.075613.7018@hpcvaac.cv.hp.com>
|> > billn@hpcvaac.cv.hp.com (bill nelson) writes:
|> >>jnormandin@umassd.edu (JERRY NORMANDIN) writes:
|> >>: NOW AS FAR AS CANCER GOES.... TALK TO ANY SEASONED HAM! even 73cm is
|> >>: harmfull with handhelds! if 440Mhz causes cancer imagin what a flip
|> >>: phone does at 820Mhz!
|> >I think the portable cellular phones are only .6 Watts, right? The
|> >true mobiles are 3 Watts. Not that it doesn't deserve consideration.
|>
|> Not to mention that higher frequencies tend not to penetrate as deep.
|> >
|> >Not that there shouldn't be more studies. RF/EMF can be a very dangerous
|> >thing.
|>
|>

You should look up the discussion of this in "Physics Today" from
July or August 1994. The field strengths from RF even when close to
a high power system are smaller (by several orders of magnitude) than
the fields due to thermal flucuations (short range microscopic ones).
This makes me very suspicous that the epidemiologists have
found a non-causal correlation (not for the first time).
Actually, it's worth looking at how they
controled for activity profiles - unless you are doing manually
powered qrp on a pedal generator you're not getting much physical
activity when qso'ing. Since execise has a reproducable and measurable
effect on disease rates this is probably important. (i can come up
with other rationalizations like solder fumes if pressed).

--
robert w. harrison (n3ikc)
harrison@asterix.jci.tju.edu
****
Organic chemistry is the chemistry of carbon compounds.
Biochemistry is the study of carbon compounds that crawl.
-- Mike Adams
****

3653. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-11 16:56:53 UTC
From: kws@fc.hp.com
Message-ID: <37eg4l$dg1@tadpole.fc.hp.com>
Source record: 267392

Couldn't this problem be solved simply by passing a law that required cordless phone manufacturers to CLEARLY and PLAINLY print warnings on their packages stating that the phone could be monitored? I don't own such a phone, but a quick look at the packages in a store didn't reveal any obvious warning signs.

The cordless phone manufacturers could lose some sales this way, but it seems to me that the item causing the problem are the phones and not the scanners.

3654. Pro 43- 400 Channels.

Newsgroup: rec.radio.scanner
Date: 1994-10-11 16:57:33 UTC
From: kturner@infi.net
Message-ID: <37eg5t$aif@lucy.infi.net>
Source record: 267351

I think my post was the one that sparked the 400 why that many debate..
In my post i asked if anyone know of the mod to give 400 channels on the pro43... Someone did post a mod. That mod required a switch to access the additional 200 freqs tho..
I'm looking for the mod that does not require that switch.. I've heard of the mod being done before.. In the service manual, under 'General Operation Outline' it says (exact) :

Press [MANUAL]. When [MANUAL] is pressed again, the channel advances. To select one of the 1 through 400 channels, press the number key and the press [MANUAL].

Now that excerpt leads me to beleive that the pro43 is capable of accessing 400 channels directly..

Does anyone have this mod?

Thanks in advance..
Keith Turner
KE4QOL.

3655. Re: Cordless Phone Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 17:03:29 UTC
From: josephl@clark.net
Message-ID: <37egh1$6ai@clarknet.clark.net>
Source record: 267350

John A. Perry (perry@jpunix.com) wrote:
: With all this talk about cordless phone monitoring, I was wondering if
: someone would post the cordless phone frequencies? I'd like to program
: them into my scanner. Thanks.

: John A. Perry - KG5RG - perry@jpunix.com

My God! Is this a joke? a US Ham but have no idea where cordless
freqs are? I am ashame for you.

3656. Police FREQs Washington D.C.

Newsgroup: rec.radio.scanner
Date: 1994-10-11 17:10:34 UTC
From: warren schadle <schadlew@access1.digex.net>
Message-ID: <Pine.SUN.3.90.941011130806.2122A-100000@access1.digex.net>
Source record: 267418

Does anyone have a list of Police FREQs for Washington DC? Plenty of action but I don't think I have all frequencies they use.

Thanks
Warren

3657. Re: cheap 200xlt

Newsgroup: rec.radio.scanner
Date: 1994-10-11 17:14:20 UTC
From: plocke@irvine.com
Message-ID: <CxIqJw.FLF@irvine.com>
Source record: 267394

> usually the radio/scanner equipment listed in general
> interest catalogs is a bit expensive...at least
> compared to what you see from grove or tucker or
> EEB...so this one caught my eye in the latest
> (dated sept 28) offering from "damark"".
> they have a uniden 200 xlt for $169. i owned
> one of these when they first came out in the
> late 80's...and paid $269. cheapest i have
> seen them (new) is $209. the damark ones
> are 'factory serviced'.

I own a BC100XLT that is a refurb purchased from Damark 3 years ago and it still works the same as the day I got it. I paid $149 for it then, so I would certainly pay $169 for a refurbed 200xlt today!

3658. Re: More Newbie Questions

Newsgroup: rec.radio.scanner
Date: 1994-10-11 17:26:37 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.498.00117216@ccm.hf.intel.com>
Source record: 267285

In article <37ctqk$c5b@tbm128.thomas.com> Robert Pincus writes:

>As a newcommer to scanning, could someone explain to me
>thew difference between bands and channels?

Channel - a location in memory that holds a frequency. The scanner uses the data in each channel to tune the receiver to that frequency.

Bank - A grouping of channels usually in groups of 20, 40, or 100. Banks are there to make it easier to remember what is programmed in each channal, and allow you to scan only what you want to scan.

Band - A range of frequencies. This is a vary arbitrary term. It sometimes means the frequencies for a particular service like CB, marine, cellular, or it might mean a range of frequencies grouped by propagation characteristics, like HF band, UHF band, etc.

I hope that is what you were looking for.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3659. Van Eck

Newsgroup: rec.radio.scanner
Date: 1994-10-11 17:29:18 UTC
From: Loren Fleckenstein <73211.3713@CompuServe.COM>
Message-ID: <37ei1e$q1$3@mhadg.production.compuserve.com>
Source record: 267417

Can anyone direct me to an FTP site for a FAQ on Van Eck scanning?

3660. Re: Van Eck

Newsgroup: rec.radio.scanner
Date: 1994-10-11 17:33:06 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.499.00118DBF@ccm.hf.intel.com>
Source record: 267288

In article <37ei1e$q1$3@mhadg.production.compuserve.com> Loren Fleckenstein <73211.3713@CompuServe.COM> writes:

>Can anyone direct me to an FTP site for a FAQ on Van Eck scanning?

You may want to post this to sci.electronics since Van Eck scanning is quite different that standard radio scanning.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3661. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-11 17:38:29 UTC
From: crisp@netcom.com
Message-ID: <crispCxIro5.Kxq@netcom.com>
Source record: 267277

In article <781870711snz@javiaton.demon.co.uk> Clough@javiaton.demon.co.uk writes:
>In article <crispCxEy6F.Fr3@netcom.com> crisp@netcom.com "Richard Crisp" writes:
>
>> >The R-7100 freq coverage starts at 25 MHz. I read that the
>> After I walked away, I remembered that I wanted to check to see if
>> the Japanese model deleted the 3xxmhz Japan cordless frequencies,
>> but it was too late in the day for me to go back to check. Next
>> time perhaps!
>
>Hi Richard,
>
>The "Japanese" version of the IC-R7100 has quite a few gaps &
>does delete the Japanese cordless phones, cellular and other "personal"
>bands. Frequencies covered when taken out of the box are:-
>
> 25.00 ~ 252.90
> 255.10 ~ 261.90
> 266.10 ~ 270.90
> 275.10 ~ 379.90
> 382.10 ~ 411.90
> 415.10 ~ 809.90
> 834.10 ~ 859.90
> 889.10 ~ 914.90
> 960.10 ~ 1000.00
>1240.00 ~ 1300.00 (1999.99)
>
>The last time I played with the Japanese version was 18 months or
>so ago but I beleive these are still the current Japanese spec. By chance
>these frequencies also omit the majority of US cellular. The German
>& French versions also used to have differing frequency ommisions.
>
>A short jumper wire between two empty pads on the logic board
>restores 25 ~ 2GHz coverage on the Japanese model & I assume
>would be the same on the German/French etc !

How about posting the specific mod for the netters to file away for the rainy
day?

Thanks for taking the time to reply, Johathan. I saw the spec sheet
for the unit I got to twiddle the knob of and it claimed a gab
between 1000 and 1300mhz, but I checked and found it did display
frequencies in this forbidden zone. I wonder if they just do not
guarantee performance in this range?

The US cell band was deleted, at least the 869-894 range was.
Again I did all of this in a hurry and had to leave to head off
to a biz meeting, so I did not get the chance to fiddle too much.

I would assume the coverage was as spotty as the R100 Japanese version
which deleted the cordless and cell freqs as you mentioned. I just did not
remember the exact boundaries so did not test the freqs other than
the 869-894 and the 1000-1300mhz range.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3662. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 17:42:00 UTC
From: bsplaine@dogxray.sr.hp.com
Message-ID: <CxIru2.1EH@srgenprp.sr.hp.com>
Source record: 267416
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

```
: RS was .59/ft for RG-8, and another company (local) was .60/ft
: Belden 9913 I'll have to call around for this one.
:

I haven't bought RS coax, but one of my friends works there and says that
their coax is not bad stuff but the prices are VERY HIGH compared to AES and
other suppliers.

--
/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\
\ Bill Splaine E-MAIL > bsplaine@sr.hp.com /
/ Hewlett Packard VOICE > (707) 577-2913 \
\ Santa Rosa, CA 95403 FAX > (707) 577-2095 /
/ ALL STANDARD DISCLAIMERS APPLY PACKET > N6GHG@KC6PJW \
\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/
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3663. Pro 43 Modification wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-11 17:55:44 UTC
From: mike@wilmington.edu
Message-ID: <37ejj0$2i8@guide.wilmington.edu>
Source record: 267423

I have seen several articles about removing a diode in the
RS Pro-43.
Would someone be so kind as to provide this modification
in detail. Thank you.

3664. info wanted : Bearcat 220xlt

Newsgroup: rec.radio.scanner
Date: 1994-10-11 18:00:57 UTC
From: blatch@UPEI.CA
Message-ID: <blatch.3.2E9AD2D9@UPEI.CA>
Source record: 267355

Anyone have any experience / opinions on the BC220xlt. How does it compare to RS PRO43. Are there any mods for the 220xlt. Appreciate all replys

Gilbert
E-mail BLATCH@UPEI.CA

3665. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 18:04:48 UTC
From: wcnk@puffin.NoSubdomain.NoDomain
Message-ID: <37ek40$n3a@athos.cc.bellcore.com>
Source record: 267276
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

--
loss will be negligible ?

Perhaps , if only receiving, xmting is another story. By using the correct type of torroid core, one can design a vhf broadband 75 to 50 xfrmr, or use the old transmission -line xfrmr technique, or design a pi network for this frequency, or modify (or try out first) your existing output network in your xmtr , to see if it can match to 75 ohms (using SWR meter)
-Washington Community Radio

3666. Re: Cordless Snooping Outlawed?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 18:13:08 UTC
From: jthomas@access1.digex.net
Message-ID: <37ekjk$827@access1.digex.net>
Source record: 267354
Cross-posted to: alt.2600,rec.radio.scanner,alt.radio.scanner,comp.org.eff.talk

In article <37biev$dn5@sashimi.wwa.com>, Glen L. Roberts <fd@wwa.com> wrote:

>So, the Digital Wiretap Act outlawed the monitoring of Cordless Phone
>Calls? Same as Cellular Now? Or, what?

It appears so. The EFF may have had something to do with this. They added a number of "significant new privacy protections" to DigTel when they became convinced they would be unable to defeat the bill. Among the protections listed in their August 10 summary of the Edwards/Leahy bill is "an expansion of current law to protect the radio portion of cordless telephone conversations from unauthorized surveillance."

It's not clear that EFF actually got the cordless phone language inserted into the bill, but they certainly didn't object to it. I can only speculate on their rationale, but here's the speculation...

I believe that a Federal Court of Appeals (if not the Supremes themselves) had found that there is no "expectation of privacy" for conversations on cordless phones, so there is no problem intercepting conversations held on them. I believe this has been used by law enforcement agencies as a loophole to get around wiretap court order requirements. Perhaps the EFF thought that they were merely closing this loophole, and making law enforcement accountable to the same high standard for intercepting all phone conversations.

Of course, the statute doesn't apply merely to law enforcement agencies. It applies to everyone with a radio that can pick up 900 MHz. And it's likely to have a negative impact on the potential for truly secure cordless phones. ("Since it's illegal to listen in on corldess phones, of course nobody will do it. So why pay extra for encryption?")

Can anyone from EFF enlighten us on this issue?

Joe
--
Joe Thomas <jthomas@access.digex.net> Say no to the Wiretap Chip!
PGP Public Key available by request, finger, or from pgp-public-keys@io.com
Key 01C3AADB fingerprint: 1E E1 B8 6E 49 67 C4 19 8B F1 E4 9D F0 6D 68 4B

3667. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 18:15:25 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <37eknt$207t@yuma.ACNS.ColoState.EDU>
Source record: 267357
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

In article <CxIru2.1EH@srgenprp.sr.hp.com> bsplaine@dogxray.sr.hp.com (Bill Splaine) writes:
>: RS was .59/ft for RG-8, and another company (local) was .60/ft
>: Belden 9913 I'll have to call around for this one.
>I haven't bought RS coax, but one of my friends works there and says that
>their coax is not bad stuff but the prices are VERY HIGH compared to AES and
>other suppliers.

Cable Experts, 1-800-828-3340
RG-8/U Foam, $0.32/ft, >100ft
9913 Equiv $0.47/ft, >100ft
9913 Equiv flexi, $0.62/ft, >100ft

3668. Re: Cordless Phone Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 18:17:10 UTC
From: perry@jpunix.com
Message-ID: <37ekr6$i4n@jpunix.com>
Source record: 267356

josephl@clark.net (Joseph A. Liu) writes:

>John A. Perry (perry@jpunix.com) wrote:
>: With all this talk about cordless phone monitoring, I was wondering if
>: someone would post the cordless phone frequencies? I'd like to program
>: them into my scanner. Thanks.

>: John A. Perry - KG5RG - perry@jpunix.com

>My God! Is this a joke? a US Ham but have no idea where cordless
>freqs are? I am ashame for you.

No it is not a joke. I didn't have a scanner until very recently. Nor do
I have the entire radio spectrum committed to memory. Do you? I haven't
had any reason to memorize the cordless phone frequencies so hence my
question. Have you considered trying to be informative and helpful rather
than flame someone for a simple question? You must NOT be a ham becuase
the hams I know are willing to answer another's questions without being a
total jerk about it. I am ashame of you too!

John A. Perry - KG5RG - perry@jpunix.com

PGP 2.61 key for perry@jpunix.com is on the keyservers.
PGP-encrypted e-mail welcome!

Finger kserver@jpunix.com for PGP keyserver help.
Finger remailer@jpunix.com for anonymous remailer help.

3669. Re: Pro 43- 400 Channels.

Newsgroup: rec.radio.scanner
Date: 1994-10-11 18:26:45 UTC
From: tfoecke@nist.gov
Message-ID: <tfoecke-1110941426450001@steel.nist.gov>
Source record: 267362

> I'm looking for the mod that does not require that switch.. I've heard of
> the mod being done before.. In the service manual, under 'General Operation
> Outline' it says (exact) :
>
> Press [MANUAL]. When [MANUAL] is pressed again, the channel advances. To
> select one of the 1 through 400 channels, press the number key and the press
> [MANUAL].
>
> Now that excerpt leads me to beleive that the pro43 is capable of
> accessing 400 channels directly..
>
> Does anyone have this mod?

Probably a typo, but hopefully not.

3670. PRO-43 Why no 108-118?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 18:29:11 UTC
From: jim@ttech.com
Message-ID: <jim-111094102911@jimsmac.ttech.com>
Source record: 267374

I recently obtained a PRO-43 and performed the cellular mod. It seems to be an excellent scanner, however I have one question.....

Why is the 108-118 mhz frequencies missing (even the cheaper RS scanners has this range). I realize that these frequencies are used by aircraft VOR etc. Does anyone have a mod to restore this frequency range?

+-Jim

jim@ttech.com

3671. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 18:46:50 UTC
From: alanb@hpnmarb.sr.hp.com
Message-ID: <Cxluu2.3F8@srgenprp.sr.hp.com>
Source record: 267359
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

Mark Day (mad@Hopper.itc.Virginia.EDU) wrote:
: In article <22$akiubGAxP066yn@access.digex.net>,
: Andy Domonkos <domonkos@access.digex.net> wrote:
: >In article <fields.d.10.2E92C313@calc.vet.uga.edu>, David Fields wrote:
: >>
: >> Someone told me that if I'm going to run cable over 30-40 feet, that I need
: >> to use RG-8 (.60 a foot). Any thing umder this I can use RG-58 (.20/foot).
: >>
: >100 feet or more? Forget the RG-8, use Belden type 9913.

: Andrew Heliax works for me,

Nah, you really need waveguide. The stuff for the two meter band is
only about two feet in diameter. :=)

AL N1AL

3672. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-11 19:13:53 UTC
From: allmon@netcom.com
Message-ID: <allmonCxIw35.LsL@netcom.com>
Source record: 267279
Cross-posted to: rec.radio.scanner,alt.2600,misc.legal,la.general

crisp@netcom.com (Richard Crisp) writes:

>In article <gradyCxGtHr.8Hu@netcom.com> grady@netcom.com (Grady Ward) writes:
>>It seems af if a viable strategy would be to initially agree to
>>programming/activation but once out of the store with the phone,
>>realize that that portion of your sales contract must be void
>>as an illegal transaction. Thus you would simply refuse to pay
>>that portion of the credit card bill.

>Another idea would be to let the guy think you were going to go for his
>ripoff deal, and then after he brings out the phone (so you eliminate the
>"we're out of stock excuse"), then tell him at the last moment that
>you have changed your mind and no longer want the programming.

>A second idea is to wear a hidden tape recorder and tape the entire
>transaction, and play the game as outlined above. When he tries the
>inevitable BS that we all expect tell him that you have taped the
>entire conversation and that your next stop is the local DA's office.
>If that doesn't put the fear of God in him, you probably are dealing
>with a fool, a heathen, or both.

>--
>Richard Crisp Cupertino, Ca. crisp@netcom.com
>(415) 903-3832 wk (408) 253 4541 fax
> For PGP Public Key, type finger crisp@netcom.com
>"It is a good thing that we do not get as much government as we pay for"
> -Will Rogers

I noticed that several cell phone retailers in my area
(Sacramento Ca.) have fine print in their ad that says
if you don't activate, then you must order the phone.
Would this tactic be the same as requiring activation??
Haven't asked if the price is the same.

--Jim

3673. Pro-44 modifications ?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 19:14:50 UTC
From: schaaf@server1.rz.uni-leipzig.de
Message-ID: <37eo7aINNk7I@server1.rz.uni-leipzig.de>
Source record: 267422

Hi ...
Pro-44 problem !?
Does anyone know how I can use the 54-88 MHz or more ?
Thanks ! =)
Sven

schaaf@server1.rz.uni-leipzig.de

3674. Re: 10-Codes Needed!

Newsgroup: rec.radio.scanner
Date: 1994-10-11 19:20:43 UTC
From: LARRYK@urhep.pas.rochester.edu
Message-ID: <1994Oct11.192043.2216@galileo.cc.rochester.edu>
Source record: 267364

In <36ufiu$73n@taco.cc.ncsu.edu> cmgrawbu@eos.ncsu.edu writes:

>
>
> Would someone please email me a copy of the US 10-codes. I've lost the list
> I had of them!
>
> Thnax a million!!
>
>
> Chris cmgrawbu@eos.ncsu.edu

Could someone post the 10 codes. I also could use a copy and maybe others could too.

Thanks, Larry

3675. Cobra Scrambler Cordless Phone Good?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 19:48:18 UTC
From: miles@mail.utexas.edu
Message-ID: <miles-1110941448060001@klingon.util.utexas.edu>
Source record: 267278
Cross-posted to: rec.radio.scanner,sci.electronics,alt.cellular,alt.privacy

An aunt of mine received an offer from GTE (tel. 800-894-1539) of a Cobra scrambler cordless phone for $99.95. She wonders how secure it is.

She told me (over the phone :-) that the brochure describes the phone as having:

10 channel scanning
Clear Call Plus
Secure Lock
Digital Security Codes
7-day battery life

Does anyone have any information on this model? I assume it uses simple inversion scrambling, which is probably good enough for her home use. Is the voice quality OK? Other advice? Thank you!

miles@mail.utexas.edu

3676. Anyone got freqs for Cleveland Oh PD

Newsgroup: rec.radio.scanner
Date: 1994-10-11 20:01:28 UTC
From: habu@gate.net
Message-ID: <37equo$16p9@tequesta.gate.net>
Source record: 267280

Requesting freqs for Cleveland Ohio and surrounding cities.
Cleveland PD
Cuyahogo County Sheriff
Fairview Park PD
Rocky River PD
Lakewood PD
and any other interesting channels

Thanks
Mike

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

3677. FREQs in Europe (Belgium)

Newsgroup: rec.radio.scanner
Date: 1994-10-11 20:29:24 UTC
From: Tyrone Johnson <100143.607@CompuServe.COM>
Message-ID: <37esj4mdm1@mhadf.production.compuserve.com>
Source record: 267365
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone have any frequencies for Europe? Police, hospitals,
military......primarily in Germany and Belgium.

3678. Pro 51

Newsgroup: rec.radio.scanner
Date: 1994-10-11 22:00:58 UTC
From: bacon@hp-119.cae.wisc.edu
Message-ID: <37f1uq$hf1@news.doit.wisc.edu>
Source record: 267368

Forgive me if this has been discussed here before but I am new to the group.

I recently purchased a RS Pro-51 for a few simple reasons:
1) I was interested in scanners and thought that this would be a good
first scanner.
2) I was told that the FCC would soon pull it due to the simple "mod".
3) The one I always fall for - ON SALE ($199)

I have recently seen some negative posts on this model and am wondering
if it is a good buy or not. I have a few days(well maybe not anymore)
left to return it and would like some last minute advice from the group.
So let er rip.

Thanks in advance

Rob

bacon@cae.wisc.edu

3679. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-11 22:03:09 UTC
From: tls@gate.net
Message-ID: <37f22t$u6o@tequesta.gate.net>
Source record: 267367

Karl Schultz (kws@fc.hp.com) wrote:
: Couldn't this problem be solved simply by passing a law that
: required cordless phone manufacturers to CLEARLY and PLAINLY
: print warnings on their packages stating that the phone could
: be monitored?

That was one of the proposals when ECPA was working it's way through Congress several years ago, just put a big orange warning label on every cell phone. The manufacturere's lobby shot that one down fast.

3680. RE: Cordless Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-11 22:20:32 UTC
From: stblasen@iastate.edu
Message-ID: <37f33g$5ce@news.iastate.edu>
Source record: 267369

Here's a list which I down loaded from this newsgroup
last year. I don't remember the original author though.

Channel Base Handset
1 46.610 49.670
2 B 46.630 49.845 Chs A - E handset
3 C 46.670 49.860 frequencies are also
4 46.710 49.770 used for baby room
5 D 46.730 49.875 monitors and low power
6 A 46.770 49.830 handie-talkies
7 E 46.830 49.890
8 46.870 49.930
9 46.930 49.990
10 46.970 49.970

But if anyone gets caught illegally (US only) listening to
these -- you never got them from me (haha).

--

Steve Blasen Iowa State University
stblasen@iastate.edu Ames, Iowa

3681. Re: Hit list for November elections

Newsgroup: rec.radio.scanner
Date: 1994-10-11 23:01:46 UTC
From: blevin@netcom.com
Message-ID: <blevinCxJ6My.1Bt@netcom.com>
Source record: 267284
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Grady Ward (grady@netcom.com) wrote:
> Normally I ignore "single issue" litmus tests and just vote based
> upon overall record, but I'm agreeing with Mr Crisp this time that
> erosion of fundamental rights transcends other criteria. Vote
> the incumbents out.

I wish it was that simple. I think our (US) government has gone far beyond 'people'. Its bigger than that. Business and PAC own the US, along with the govt, itself. The people in office are merely pawns. Voting one out and the other in has little effect. I wish I was wrong ... ;-(

I feel like a helpless pawn, myself. What, with the Clipper chip et al, we're stuck with Big Brother big-time. Freedom, as our founding fathers once envisioned, seems to be eroding. Truely a shame.

The answer: I wish to hell I knew! Maybe its time to get PGP - that will defeat Clipper, but the laws will still exist to serve the rule-makers and special interests.

Sorry about the no-scanner-content, but I don't think voting out the current rule-makers will help us in the long or short term ;-(

sigh.

--
.bl

web: <a href=" ftp://ftp.netcom.com/pub/blevin/index.html " Bryan Levin
"when privacy is outlawed, only outlaws will have privacy"

3682. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-11 23:03:01 UTC
From: wwhitby@aol.com
Message-ID: <37f5j5$52o@newsbf01.news.aol.com>
Source record: 267372

There are MANY more scanners out there that can rx cordless than can rx cellular. The 1977 Bearcat (mfg. by Electra) that I have can do it and do it well. Imagine how many scanners have been made since then. It will be impossible to keep people from listening, unless there are house to house raids to arrest us <criminal > scanner users.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

3683. Re: Cordless Phone Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-11 23:06:56 UTC
From: mulligan@ACM.ORG
Message-ID: <37f5qh$oqo@hopper.acm.org>
Source record: 267373

perry@jpunix.com (John A. Perry) asked:
> ... if someone would post the cordless phone frequencies?

From the FAF - Frequently Asked Frequencies on oak.oakland.edu -

---

Cordless Telephone

Channel Base Handset

1 46.610 49.670
2 B 46.630 49.845 Chs A - E handset
3 C 46.670 49.860 frequencies are also
4 46.710 49.770 used for baby room
5 D 46.730 49.875 monitors and low power
6 A 46.770 49.830 handie-talkies
7 E 46.830 49.890
8 46.870 49.930
9 46.930 49.990
10 46.970 49.970

3684. Re: Hit list for November elections

Newsgroup: rec.radio.scanner
Date: 1994-10-12 00:11:23 UTC
From: crisp@netcom.com
Message-ID: <crispCxJ9v0.4Fu@netcom.com>
Source record: 267377
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <1994Oct10.094205.4686@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>In article <crispCxEzuG.3op@netcom.com>, crisp@netcom.com (Richard Crisp)
> writes:
>> [...]
>> I just returned to the US from a two week trip overseas and believe
>> I heard that the Digital Wiretap bill passed the Senate. Is this
>> correct? If so can someone send me a pointer to the list of how
>> the votes were cast?
>
>So Mr. Crisp reveals himself as yet another armchair activist.
>
>If you were really all that concerned, you'd do the legwork and find out for
>yourself. Heck, if you were all that concerned you'd have found out for
>yourself, rather than having to ask "is this true? Did it really pass?"

I guess if we all followed your example, we would be answering everyone that asked "where can I get...." or "how do I ...." or "can anyone help...." with an authoritarian "go dig it out your self, schmuck"!

Lighten up Jamie, the net is a resource, some are more skilled at using than others.

For your information, I have checked every newspaper printed for the last week here in San Jose (as I may have mentioned I have been out of the country for the last two weeks), and how about it? Not a word of the fate of the bill at all. I did what I usually do for info and asked the usually helpful people on the net if they knew what had happened and if so could point me in the right direction. Furthermore, I have seen no mention of it on the TV either. Furthermore, I have been getting Email from some others that have also noted a seemingly conspiratorial absence of information about it.

Instead of being so arrogant, how about telling the rest of us dummies where you find your motherlode of information? My bet is you like poking jabs at folks seeking information to inflate your diminished self esteem!

Sheesh, with guys like you around directing traffic, I am amazed anyone stays on the net at all!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com

"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3685. Re: WANTED: Seattle/King Cnty FREQS

Newsgroup: rec.radio.scanner
Date: 1994-10-12 00:37:31 UTC
From: lambrose@csc.com
Message-ID: <37fb4b$dch@explorer.csc.com>
Source record: 267287

Jeff Jacobson (jjacobs@uswnvg.com) wrote:
: Does anyone have Seattle and/or King County Police
: freqs they could mail me?

: Thanks!

: [=-]
: [Jeff Jacobson = My comments and opinions are]
: [(near) Seattle, WA = my own and in no way reflect]
: [jjacobs@uswnvg.com = those of my employer.]
: [KC7FUP =]
: [=-]

Seattle Police Patrol-Dispatch
North 460.075
West 460.175
East 460.125
South 460.475

Washington State Patrol
Seattle King Co. West 155.58
155.475
154.77
North Bend King Co. East 155.475
154.77
155.58
(Note: 155.475 is used by many towns arounf the state)

King County Police
Dispatch county wide 155.19
Car to Car 460.50
Dispatch Southwest 154.965 460.20
Data access AUX dispatch 460.275
Dispatch North and East 460.325
Dispatch Southeast 460.45
Car to Car detective 460.40
Dispatch Skykomish area 460.225
Car to Car Tactical 460.40

King County Fire
North City and Eastside 154.19
South county and Vashon 154.25
Federal Way - Midway 153.95
Burien - White Center 154.415
Bellevue 154.40
Federal Way AUX 154.22

Mutual Fire Aid Net 154.28

I have other King, Pierce and Snohomish county frequencies. Some of the KCPD VHF frequencies are being phase out / or have been. Not sure how old my list is.

Laren Ambrose
Computer Sciences Corp.
Contract to the: FAA
Airports Division, Seattle
(or) lambrose@connected.com
(or) lambrose@hq.faa.gov
** My comments are from me, not the FAA or CSC **

3686. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-12 00:37:35 UTC
From: ghost@mocteN.COM
Message-ID: <cX52Tc1w165w@mocteN.COM>
Source record: 267379
Cross-posted to: rec.radio.scanner,alt.2600,misc.legal,la.general

allmon@netcom.com (B_Phlat) writes:

> I noticed that several cell phone retailers in my area
> (Sacramento Ca.) have fine print in their ad that says
> if you don't activate, then you must order the phone.
> Would this tactic be the same as requiring activation??
> Haven't asked if the price is the same.
>

The trick they use around here is to offer lots of nifty rebates and
stuff, and the fine print reads that the rebates are only valid with
activation/one year contract/etc., which is of course perfectly legal,
since they always show the rebates in the advertised price...
course, that nifty little $130 motorola cell phone aint so nifty with a
nastyass 12 month PacTel Cellular contract on it... anyhow.
Ghost

--
Brendan Vila
internet: ghost@mocteN.COM uucp: ...!sgiblab!mocten!ghost

3687. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-12 00:55:14 UTC
From: hutchine@river.it.gvsu.edu
Message-ID: <37fc5i$sb0@news.it.gvsu.edu>
Source record: 267289
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

>
>I'm not trying to start anything, simply looking for clarification. Why would
>it be illegal to transmit infrared laser? I wasn't aware there were any
>regulations on transmitting light of any frequency/pulse duration or
>coherency. Am I simply misinformed? Or are there other laws in effect here?
>
>I'll sit back and listen now...
>
>-- Dave
>finster@fasttax.com
>

Well Dave...I just recieved a brochure from K-40 electronics division
and they have come out with a little device that is retrofitted in a
license plate...they say if you get a ticket by laser then they will
send you a check for DOUBLE the amount...they also state that it is
100% legal in all 50 states...and sugg. retail price is $199.99, kinda
sounds neat-o to get on and figure out how it does it...

-=> Eric <=-

--
=-=
= Eric M. Hutchinson - N8XHP Grand Valley State University =
= * HAZMAT * Allendale, Michigan * BLS/CPR * =
=-=-=-=-=-=-=-=-=-=-=-=hutchine@river.it.gvsu.edu-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=

3688. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-12 01:04:50 UTC
From: kjn@netcom.com
Message-ID: <kjnCxJCC3.Ax1@netcom.com>
Source record: 267385
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

Robert Worne says:
" : <*sigh*> Listen to a radio, go to jail. What country is this?

" I agree, last I heard, cordless phones were not offered the same
" monitoring protection that cellulars have. Isn't a phonecall a phonecall?

In California, as many readers of this group know, a phone call IS a
phone call. Cordless calls are afforded similar protection(?) as that
provided by the ECPA (Extremely Crappy Privacy Arrangement).
--
Ken Navarre

3689. A Crypto Story

Newsgroup: rec.radio.scanner
Date: 1994-10-12 01:09:49 UTC
From: crisp@netcom.com
Message-ID: <crispCxJCKE.7zG@netcom.com>
Source record: 267386
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

I received an interestingly relevant feeling story today by email I'd like to share with you all. It seems amazingly relevant to the current situation at hand relative to the Digital Telephony Bill which was just passed by our foolish House and Senate.

Of course my primary interest in this poorly named legislation is not the wiretap aspect (as far as this forum is concerned), but in the parts of the bill that are not mentioned in the name of it: namely the scanner ban that I say is a feature of the legislation.

Perhaps the bill would be more accurately titled "the wiretap capability assurance, cellphone fraud enabling hardware ban and cordless phone pseudo-privacy bill". And of course the part I object to (again from the perspective of this forum) is the poorly written ban on hardware useful for committing cellphone fraud which I say extends to computers hooked to radios.

Of course I have a very big problem with the wiretap aspect of the bill and am absolutely appalled by the acceleration of the rate of encroachemnts of our liberties which have occurred under the Clinton Administration. I said Acceleration of the rate, too by the way!

But enough of that here comes the story, written by an anonymous, but very clever and wise netter:

There was once a far away land called Ruritania, and in Ruritania there was a strange phenomenon -- all the trees that grew in Ruritainia were transparent. Now, in the days when people had lived in mud huts, this had not been a problem, but now high-tech wood technology had been developed, and in the new age of wood, everyone in Ruritania found that their homes were all 100% see through. Now, until this point, no one ever thought of allowing the police to spy on someone's home, but the new technology made this tempting. This being a civilized country, however, warrants were required to use binoculars and watch someone in their home. The police, taking advantage of this, would get warrants to use binoculars and peer in to see what was going on. Occasionally, they would use binoculars without a warrant, but everyone pretended that this didn't happen.

One day, a smart man invented paint -- and if you painted your house, suddenly the police couldn't watch all your actions at will. Things would go back to the way they were in the old age -- completely private.

Indignant, the state decided to try to require that all homes have video cameras installed in every nook and cranny. "After all", they said, "with this new development crime could run rampant. Installing video cameras doesn't mean that the police get any new capability -- they are just keeping the old one."

A wise man pointed out that citizens were not obligated to make the lives of the police easy, that the police had survived all through the mud hut age without being able to watch the citizens at will, and that Ruritania was a civilized country where not everything that was expedient was permitted. For instance, in a neighboring country, it had been discovered that torture was an extremely effective way to solve crimes. Ruritania had banned this practice in spite of its expedience. Indeed, "why have warrants at all", he asked, "if we are interested only in expedience?"

A famous paint technologist, Dorothy Quisling, intervened however. She noted that people might take photographs of children masturbating should the new paint technology be widely deployed without safeguards, and the law was passed.

Soon it was discovered that some citizens would cover their mouths while speaking to each other, thus preventing the police from reading their lips through the video cameras. This had to be prevented, the police said. After all, it was preventing them from conducting their lawful surveillance. The wise man pointed out that the police had never before been allowed to listen in on people's homes, but Dorothy Quisling pointed out that people might use this new invention of covering their mouths with veils to discuss the kidnapping and mutilation of children. No one in the legislature wanted to be accused of being in favor of mutilating children, but then again, no one wanted to interfere in people's rights to wear what they liked, so a compromise was reached whereby all homes were installed with microphones in each room to accompany the video cameras. The wise man lamented few if any child mutilations had ever been solved by the old lip reading technology, but it was too late -- the microphones were installed everywhere.

However, it was discovered that this was insufficient to prevent citizens from hiding information from the authorities, because some of them would cleverly speak in languages that the police could not understand. A new law was proposed to force all citizens to speak at all times only in Ruritanian, and, for good measure, to require that they speak clearly and distinctly near the microphones. "After all", Dorothy Quisling pointed out, "they might be using the opportunity to speak in private to mask terrorist activities!" Terrorism struck terror into everyone's hearts, and they rejoiced at the brilliance of this new law.

Meanwhile, the wise man talked one evening to his friends on how all of this was making a sham of the constitution of Ruritania, of which all Ruritanians were proud. "Why", he asked, "are we obligated to sacrifice all our freedom and privacy to make the lives of the police

easier? There isn't any real evidence that this makes any big dent in crime anyway! All it does is make our privacy forfeit to the state!"

However, the wise man made the mistake of saying this, as the law required, in Ruritanian, clearly and distinctly, and near a microphone. Soon, the newly formed Ruritanian Secret Police arrived and took him off, and got him to confess by torturing him. Torture was, after all, far more efficient than the old methods, and had been recently instituted to stop the recent wave of people thinking obscene thoughts about tomatoes, which Dorothy Quisling noted was one of the major problems of the new age of plenty and joy.

end of story
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3690. Pro-39 Modifications

Newsgroup: rec.radio.scanner
Date: 1994-10-12 01:22:48 UTC
From: jm39s70@sycom.mi.org
Message-ID: <jm39s70.a6vp@sycom.mi.org>
Source record: 267226

Hello,

I used to have the post on how to mod the Pro-39 to pick up the business band. Could someone please repost it, I would appreciate it.

--
Jim Mallory
Alternate Internet E-Mail Address 75230.3720@compuserve.com

3691. Re: Cordless Snooping Outlawed?

Newsgroup: rec.radio.scanner
Date: 1994-10-12 01:35:14 UTC
From: crisp@netcom.com
Message-ID: <crispCxJDqr.B3L@netcom.com>
Source record: 267389
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

In article <37ekjk$827@access1.digex.net> jthomas@access1.digex.net (Joe Thomas) writes:
>In article <37biev$dn5@sashimi.wwa.com>, Glen L. Roberts <fd@wwa.com> wrote:
>
>>So, the Digital Wiretap Act outlawed the monitoring of Cordless Phone
>>Calls? Same as Cellular Now? Or, what?
>
>It appears so. The EFF may have had something to do with this. They
>added a number of "significant new privacy protections" to DigTel when
>they became convinced they would be unable to defeat the bill. Among the
>protections listed in their August 10 summary of the Edwards/Leahy bill
>is "an expansion of current law to protect the radio portion of cordless
>telephone conversations from unauthorized surveillance."
>

Anyone want to venture a guess how long it will be before one cannot get
FCC type certification for a scanning receiver capable of picking up
cordless telephone conversations? From the time the ECPA was passed
in '86 which banned the listening of cellphone conversations until
the law passed in 92 prohibiting FCC certification of canning receivers
capable of picking up cell phone conversations was a long 6 years.
With the now liberal controlled House and Senate accelerating the
rate of encroachments of our liberties and the guaranteed rubber
stamp from Bill Clinton, I would expect it next session as some
one will point out there is already a precedent (as I just have) that
would justify it.

>Of course, the statute doesn't apply merely to law enforcement agencies.
>It applies to everyone with a radio that can pick up 900 MHz. And it's
>likely to have a negative impact on the potential for truly secure
>cordless phones. ("Since it's illegal to listen in on corldess phones, of
>course nobody will do it. So why pay extra for encryption?")
>

Yes, and this is the real reason for the scanner ban of 92 and the
new language in the current bill.

THE FEDS ARE TERRIFIED OF CHEAP HARD CRYPTO AND ARE DOING EVERYTHING
THEY CAN TO SLOW ITS ADOPTION. They are going after scanners because
they know if there are no scanners, there is a "sellable" story to you
and I that there is no one listening in.

The story is the same on the gun side of the law: the only reason for the
hysteria that resulted in the Civil Defense Weapon ban of the bogus
Crime Bill is that the government does not like the idea of the people
having the capability to wage a successful revolutionary war, as was

done in 1776. They had to fight a powerful lobby all along the way
so it took them a lot of years to finally get this much accomplished,
but in the case of radios, they have virtually no resistance.

Bottom line it will not take nearly as long because the Hams are the
only organized group and they wouldn't recoginize the nose of the
"ban-it" camel in their tent if it was in their face based on their
non-opposition to the '92 scanner ban.

So in order to slow down the rate of adoption of crypto phones until
they can get some sort of laws on the books that only permit "approved"
(ie defeatable) cypto, they will simply sacrifice the capability of you and
I to buy the kind of radios we want to buy.

I could care less for cellphone or cordless monitoring, it is fundamentally
uninteresting as far as I am concerned but I get damn excited when
foolish laws are passed which bastardize the frequency coverage of a
receiver citing an excuse which does not truly offer the intended
benefit.

The important thing here is the precedent that is set when such laws
are passed.

--
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-Will Rogers

3692. Re: CORDLESS SCANNING OUTLAWED

Newsgroup: rec.radio.scanner
Date: 1994-10-12 01:39:29 UTC
From: smasters@bzy.gmu.edu
Message-ID: <37feoh$kts@portal.gmu.edu>
Source record: 267380

ROSCOBIND (roscobind@aol.com) wrote:
: In article <gradyCxGswK.7Hr@netcom.com>, grady@netcom.com (Grady Ward)
: writes:

: Cellular monitoring is a federal crime right now but I don't hang my head
: out the window every time I crank up my scanner (or TV if I wanted to) and
: yell that I am doing it. Let them pass all the anti-listen laws they
: want. Problem is it effects the availability of the products that are
: capible of doing the listening.

The real problem is that the general public seems to support this
type of law for the reason they think it is like a theft of privacy. I
have found it very hard to express that these laws prohibit you to pick up
RF that passes through your property and body. The one description that
seems to work so far is:

"This law is like having some people having sex on the common
ground visible from your house and watching them is illegal. The only
difference is in this case what they are doing is legal."

Anyone else have a better description then telling them tuning an
old TV in the upper channels is also illegal?

73,
Shawn
KE4GHS

3693. Radio Politics

Newsgroup: rec.radio.scanner
Date: 1994-10-12 01:44:49 UTC
From: crisp@netcom.com
Message-ID: <crispCxJE6q.C8B@netcom.com>
Source record: 267390
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

There are those out there that have asked that the radio politics be set aside from these forums and for us all to get back to talking frequencies solving problems and helping people get the things they are after.

I would love to do this, but this is exactly like having your house catch on fire when you are having a party: no one likes the fact that there is a fire, but it cannot be ignored if you want to have a place to have a party in the future.

We are being hit from all sides with legislation coming from Washington banning many personal freedoms with no demonstrated benefit to society. We have an election coming up in a few weeks where the entire House of Representatives must be elected and a third of the Senate must be elected.

We have seen our liberties being grabbed for the last 10-12 years with the rate being sharply accelerated in the last two. I implore each and every one of you to send the strongest message permitted by the law to your elected representatives: throw them all out!

In America we have three boxes that matter. The Soapbox (which I am now standing on), the Ballot Box (which is what I am trying to convince you to use to rid ourselves of this cancer in Washington), and the Cartridge Box (which the Crime Bill is trying to take away from us).

Let's use the first two so we don't have to resort to the last!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3694. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-12 01:59:50 UTC
From: fd@wwa.com
Message-ID: <37ffum$j92@sashimi.wwa.com>
Source record: 267382

Karl Schultz (kws@fc.hp.com) wrote:
: Couldn't this problem be solved simply by passing a law that
: required cordless phone manufacturers to CLEARLY and PLAINLY
: print warnings on their packages stating that the phone could
: be monitored? I don't own such a phone, but a quick look at
: the packages in a store didn't reveal any obvious warning
: signs.

: The cordless phone manufacturers could lose some sales this way,
: but it seems to me that the item causing the problem are the
: phones and not the scanners.

FCC Regulations already require that... almost. They haveto put a
label on that says "privacy may not be assured." Look for it in
about 5 pt type on the bottom of the base unit.

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
KEVIN MITNICK DISGUISE KIT: From your fax: (708) 356-9646 doc #903
email for uuencoded .TIF of T-Shirt Honoring the FBI

3695. Re: Hit list for November elections

Newsgroup: rec.radio.scanner
Date: 1994-10-12 02:04:03 UTC
From: hiattd@MCS.COM
Message-ID: <37fg6j$5gl@Mercury.mcs.com>
Source record: 267383
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Richard Crisp (crisp@netcom.com) wrote:

: For your information, I have checked every newspaper printed for the last
: week here in San Jose (as I may have mentioned I have been out of the
: country for the last two weeks), and how about it? Not a word of the fate
: of the bill at all. I did what I usually do for info and asked the
: usually helpful people on the net if they knew what had happened
: and if so could point me in the right direction. Furthermore, I have
: seen no mention of it on the TV either. Furthermore, I have been
: getting Email from some others that have also noted a seemingly
: conspiratorial absence of information about it.

The reason why we have not seen anything about this bill or any *real*
news for that matter, is the fact that the OJ trials are more important!
At least that is what the media would have you believe. I am sorry but
there is much more important things that should be "reported" by the
"news" instead of that dam trial. But then again, if it weren't for
this trial it would be some other insignificant event. Anything to keep
the blinds on the herd.

I am with you Richard, vote against every incumbent.

don

Don Hiatt: <hiattd@mcs.com>
Key fingerprint = FC 15 1C 3A 6D 94 A0 68 9B 96 3B CC 1B 1E 26 57
So you want my PGP huh? You gotta finger me first! :)

GE/CS d? H s g+ p3+ au+ a- w++ v--- C+++ UL++++ P+>++ L++>+++
3- E---(E) N++ K- W M- V-- -po+ Y+ t+ 5+ j- R- G? tv+
b+ D+ B--- e++>+++ u**(---) h--- f? r++ n---- y*
--

Don Hiatt: <hiattd@mcs.com>
Key fingerprint = FC 15 1C 3A 6D 94 A0 68 9B 96 3B CC 1B 1E 26 57
So you want my PGP huh? You gotta finger me first! :)

GE/CS d? H s g+ p3+ au+ a- w++ v--- C+++ UL++++ P+>++ L++>+++
3- E---(E) N++ K- W M- V-- -po+ Y+ t+ 5+ j- R- G? tv+
b+ D+ B--- e++>+++ u**(---) h--- f? r++ n---- y*

3696. Pro34 for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-12 02:09:51 UTC
From: gregg@PLAINS.NODAK.EDU
Message-ID: <gregg.490.001A1840@PLAINS.NODAK.EDU>
Source record: 267401

I have a Radio Shack Pro 34 200 channel hand held scanner for sale. It covers ALL of 800Mhz. I run it off regular AA batteries, so there are no nicads or charger, just the rig and antenna. I want to get $135 for it. Email for details or with questions.

Joe
****
Joe Gregg
Internet: Gregg@Plains.NoDak.edu
Ham Radio Packet: KN0A@W0ILO.#SEND.ND.USA.NOAM
Home: 701-588-4427
Work: 701-237-8353
****

3697. Question-motorola-testmode-25 pin connector

Newsgroup: rec.radio.scanner
Date: 1994-10-12 02:12:13 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Oct11.220758.1@cad3.uccb.ns.ca>
Source record: 267384

Does anyone know the pin assignments for the 25 pin plug that plugs into
a motorola cellular phone?
I know that pins 3 & 16 are for power.
and pins 14 & 15 are for the hands free mic.
On my plug there is a jumper wire from pin 2 to 20
Does anyone know what this jumper is for?
Should this jumper be disconnected if i jump pins 20 and 21 for the
test mode?
Hope to hear from someone...
Thanks in advance
Ron

3698. Re: Cobra Scrambler Cordless Phone Good?

Newsgroup: rec.radio.scanner
Date: 1994-10-12 02:17:05 UTC
From: sbradley@sgb.oau.org
Message-ID: <CxJFoI.138@sgb.oau.org>
Source record: 267225
Cross-posted to: rec.radio.scanner,sci.electronics,alt.cellular,alt.privacy

Miles Abernathy (miles@mail.utexas.edu) wrote:
: Does anyone have any information on this model? I assume it uses simple
: inversion scrambling, which is probably good enough for her home use. Is
: the voice quality OK? Other advice? Thank you!

Hmmm, "for her home use"? Really? Tell me about it... There's a woman next street over with one of them speech inversion phones. She runs her credit card numbers over them, and all sorts of "home stuff". Really interesting how much folks who "think" it is private will say. Works perfectly clear using extra speaker and Ramsey descrambler. I would not suggest anything other than digital 900 mhz would be ok for "any" use which would mislead a person into thinking they are private when they aren't. If she does not want to spring $$$ for 900 mhz, don't waste money on the speech inversion types. $40 says it will be broken in a second by someone wanting to listen in.

I'd put a higher price on privacy than the cost of those speech inversion phones.

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

3699. is Pro46 mod overkill?

Newsgroup: rec.radio.scanner
Date: 1994-10-12 02:24:44 UTC
From: Jerry Smith <Jerry.Smith@f747.fido.chi.il.us>
Message-ID: <781912180@f747.n115.z1.ftn>
Source record: 267409

-=> Quoting Lloyd Frick to All <=-

LF> the pro46 mod consists of removing two jumbers and inserting one
LF> jumper, but after i removed the first jumper, the block frequencies
LF> were restored. what is the function of the other jumpers?

Just a guess, but I suspect it may disable 30 khz stepping. Check this
out to see if it steps in 12.5 khz stepping or 30. If 12.5 khz, finish the
mod to see if 30 khz stepping is enabled.

Jerry

3700. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-12 02:39:01 UTC
From: zoom@iastate.edu
Message-ID: <zoom.781929541@des1.iastate.edu>
Source record: 267391
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In <37fc5i$sb0@news.it.gvsu.edu> hutchine@river.it.gvsu.edu (E.Hutchinson-N8XHP) writes:

>
>I'm not trying to start anything, simply looking for clarification. Why would>it be
illegal to transmit infrared laser? I wasn't aware there were any
>regulations on transmitting light of any frequency/pulse duration or
>coherency. Am I simply misinformed? Or are there other laws in effect here?
>
>I'll sit back and listen now...
>
>-- Dave
>finster@fasttax.com
>

I'm pretty sure you cant transmit light of the appropriate
frequency/pulse duration or coherency to turn all of the traffic lights
green like emergency vehicles do. Or can you?

Matt

--
Door Matt
zoom@iastate.edu

3701. Re: Cordless Phone Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-12 02:39:35 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <CxJGq0.DHr@freenet.carleton.ca>
Source record: 267233

In a previous article, perry@jpunix.com (John A. Perry) says:

>With all this talk about cordless phone monitoring, I was wondering if
>someone would post the cordless phone frequencies? I'd like to program
>them into my scanner. Thanks.
>
O.K. Here goes. These are the 10 universal cordless phone **BASE**
frequencies (don't even bother with the handset freq's)

1- 46.610
2- 46.630
3- 46.670
4- 46.710
5- 46.730
6- 46.770
7- 46.810
8- 46.830
9- 46.870
10- 46.910

Hope these help.

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

3702. Re: Pro 51

Newsgroup: rec.radio.scanner
Date: 1994-10-12 03:17:02 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Oct11.221702@hnrc.tufts.edu>
Source record: 267387

In article <37f1uq$hf1@news.doit.wisc.edu>, bacon@hp-119.cae.wisc.edu (Robert Bacon) writes:
> I recently purchased a RS Pro-51
>
> I have recently seen some negative posts on this model and am wondering
> if it is a good buy or not. I have a few days(well maybe not anymore)
> left to return it and would like some last minute advice from the group.
> So let er rip.

If you've been using it and haven't experienced the reasons that many of us don't like it (images, front end overload) then you don't have problem.
Enjoy!

[These last few lines are padding because this newsreader won't let me post an answer shorter than the post. Guess I need a sig!]

3703. Re: Cordless Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-12 03:50:41 UTC
From: tls@gate.net
Message-ID: <37fmeh$oe9@tequesta.gate.net>
Source record: 267291

Steven T Blasen (stblasen@iastate.edu) wrote:

: But if anyone gets caught illegally (US only) listening to
: these -- you never got them from me (haha).

You are still legal to listen to cordless phones at least for another day. Clinton still has not signed the law yet. But when he does, the Iron Curtain goes up around another chunk of RF spectrum.

3704. :Atlantic Coast frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-12 04:57:00 UTC
From: joe.newman@onlinesys.com
Message-ID: <c9.67.4179@onlinesys.com>
Source record: 267273

Looking for the frequencies for the incoming jumbo jets on the Atlantic Coast.

3705. Re: Pro 43- 400 Channels.

Newsgroup: rec.radio.scanner
Date: 1994-10-12 05:02:05 UTC
From: chip30@aol.com
Message-ID: <37fqkd$b1u@newsbf01.news.aol.com>
Source record: 267303

In article <tfoecke-1110941426450001@steel.nist.gov>, tfoecke@nist.gov (Tim Foecke) writes:

When I follow this procedure on my Pro-43, I get the message: Error
Am I missing something, or is my 43 a different model?

3706. Re: The Scanman's Handbook v11 now out

Newsgroup: rec.radio.scanner
Date: 1994-10-12 05:29:13 UTC
From: draziw@netcom.com
Message-ID: <draziwCxJoKp.Aoq@netcom.com>
Source record: 267395

Berton Corson (g9153402@huey.csun.edu) wrote:
:
: Just checked. It's there. Problem I have is this darn system I'm using
: only allows kermit transfer protocols getting it from the mainframe
: onto my PC. Scanm11.zip is 426,502 bytes. Using kermit, will take
: forever, but when I have time I'll retrieve it.

Well, I just used zip-split to break it into 3 files, scan1.zip,
scan2.zip, scan3.zip so you can get it in smaller chunks. I plan on
removing the split version this weekend, but let me know if you would
like me to leave it longer.

Ryan draziw@netcom.com

3707. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-12 05:39:55 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct12.053955.7082@hpcvaac.cv.hp.com>
Source record: 267229
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

wcnk@puffin.NoSubdomain.NoDomain (Bill Conkright) writes:

: loss will be negligible ?
:
: Perhaps , if only receiving, xmting is another story. By using the correct type
: of torroid core, one can design a vhf broadband 75 to 50 xfrmr, or use the old
: transmission -line xfrmr technique, or design a pi network for this frequency,
: or modify (or try out first) your existing output network in your xmtr , to
: see if it can match to 75 ohms (using SWR meter)
: -Washington Community Radio

Check out the VSWR, and then post again. Better yet, haul out a Smith
Chart, or the electrical equivalent, and do the computations.

Bill

3708. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-12 05:58:31 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct12.055831.7168@hpcvaac.cv.hp.com>
Source record: 267238
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

steinr@ucs.orst.edu (Jean-Luc Picard) writes:
: >
: >All the units I have seen have a trigger on them - so called "instant on"
: >units. There might be a high EM field, but no microwaves. Are the cops so
: >stupid that they would rest the mouth of an active radar unit on their
: >testicles? Highly unlikely.
: >
: ...
: ...
: >
: >Maybe the get the cancer from the sugar in their doughnuts.
: >
: >Bill
:
: Actually, most of the officers that get this form of cancer are motorcycle
: officers since they must rest their gun near this part of their body
: when chasing a car.
: Also the officers in autos may incidentally rest the gun there if they
: throw it down in a hurry to chase a "speeder".
: It's not done by choice, that's guaranteed...

Did you see the part about the trigger? How do they dose themselves if
it is shut off? Also, I would expect that they would have a bracket for
such expensive equipment - on a motorcycle. Having been a motorcycle
rider in the past, there is no way that I would trust something placed
in my lap.

Bill

3709. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-12 06:02:50 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct12.060250.7236@hpcvaac.cv.hp.com>
Source record: 267235
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

gregor@nrlfs1.nrl.navy.mil (joe gregor) writes:
:
: Now, this can only occur if the radiation you are exposed to is *ionizing*
: radiation, i.e. finite mass particles (electrons, protons, ions if energetic
: enough). The most common forms people are exposed to day to day are medical
: X-rays, and rocks in the soil. Electromagnetic radiation at the frequencies of
: light or below is *not* ionizing radiation. The coupling between this energy
: and cell structures in your body cannot be modeled as an interaction between
: a penetrating high enery particle and the cell. In order for this energy to
: couple into your body you would need a resonant structure whos size is some
: multiple or reasonable sub-multiple of the radition wavelength.

Yep. You can cook the sell, but you cannot cause it to mutate.

... deleted ...

: Recently the FDA has responded to widespread fear of health effects due
: to power line and cellular telephone exposure by starting a rather large
: study on the biological and health effects of exposure electromagnetic fields.
: I attended a seminar at the University of Maryland sometime last year where
: the latest data was discussed. No conclusion was indicated, although they were
: trying very hard to find _some_ correlation. In some cases the data supported
: the conclusion that living under power lines *reduced* the likelyhood of
: contracting some forms of cancer. This is counterintuitive. What it means
: is that any correlation is in the noise.
:
: They have also failed on the theoretical and experimental fronts to show
: any mechanism for the alleged health effects of exposure to these fields,
: although they have just gotten started. They did show experimentally that
: exposure to strong magnetic fields caused isolated cells of one type to change
: shape. The cell would change back to normal when out of the field and no short
: or long term effects on the cells operation were found. I find this result
: far less surprising than they did, given that certain animals like birds
: can sense the earths magnetic field for use as a guidance mechanism. The cell
: would *have* to respond to a magnetic field in *some* way for birds to
: accomplish this feat!

Thanks for the info. It agrees with what I have been able to find out.

Bill

3710. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-12 06:08:00 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct12.060800.7336@hpcvaac.cv.hp.com>
Source record: 267236
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

hutchine@river.it.gvsu.edu (E.Hutchinson-N8XHP) writes:
:
: Well Dave...I just recieved a brochure from K-40 electronics division
: and they have come out with a little device that is retrofitted in a
: license plate...they say if you get a ticket by laser then they will
: send you a check for DOUBLE the amount...they also state that it is
: 100% legal in all 50 states...and sugg. retail price is $199.99, kinda
: sounds neat-o to get on and figure out how it does it...

I suspect they will be paying a lot of bucks. One of the reasons for using laser is that the beam can be focused easily - since it is coherent, unlike radar. That means that the beam may not even strike the license plate. The beam could be kept to under a foot in diameter, at the points where the automobile's distance is determined - without even having to focus the beam. You cannot detect it, if it isn't there.

Bill

3711. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-12 06:09:53 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct12.060953.7403@hpcvaac.cv.hp.com>
Source record: 267237
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

zoom@iastate.edu (Speed Bump) writes:
:
: I'm pretty sure you cant transmit light of the appropriate
: frequency/pulse duration or coherency to turn all of the traffic lights
: green like emergency vehicles do. Or can you?

Sure you can. Some just use a strobe at a particular frequency, others
supposedly use a coded sequence - which would be harder to trigger.
Coherency is unnecessary.

Bill

3712. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-12 06:11:54 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct12.061154.7471@hpcvaac.cv.hp.com>
Source record: 267231
Cross-posted to: rec.radio.scanner,misc.legal,la.general,alt.2600

dwhite@shadow.net (Don Whiteside) writes:
:
: In article <crispCxH5wr.AJD@netcom.com>, <crisp@netcom.com> writes:
: > A second idea is to wear a hidden tape recorder and tape the entire
: > transaction, and play the game as outlined above. When he tries the
: > inevitable BS that we all expect tell him that you have taped the
: > entire conversation and that your next stop is the local DA's office.
:
: And then when you go the the DA, play the tape and get arrested for
: wiretapping, you will have a cellular phone to use while Bruno is
: boofing you in your cell.

Bull. You are not tapping anything. There is no law against wearing a "wire", and recording your conversations - even if the other person is unaware. Of course, this does not apply to police who are gathering evidence - stricter rules apply.

Bill

3713. Re: PRO-43 Why no 108-118?

Newsgroup: rec.radio.scanner
Date: 1994-10-12 08:49:28 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <37g7uo$5j8@freenet3.scri.fsu.edu>
Source record: 267406

Jim Wayda (jim@ttech.com) wrote:
: I recently obtained a PRO-43 and performed the cellular mod. It seems to be
: an excellent scanner, however I have one question.....
: Why is the 108-118 mhz frequencies missing (even the cheaper RS scanners
: has this range). I realize that these frequencies are used by aircraft VOR
: etc. Does anyone have a mod to restore this frequency range?
: +-Jim
: jim@ttech.com

I got my Pro-43 when they first came out and noticed this band left out.
I wrote to Bill Cheek and he said that it isn't there, and you can't do
anything about it. I was interested in wireless mikes, myself.
Chuck...KE4QPU

3714. faxes from immarsat

Newsgroup: rec.radio.scanner
Date: 1994-10-12 11:00:00 UTC
From: t9456079@minyos.xx.rmit.EDU.AU
Message-ID: <37gfjg$gs3@aggedor.rmit.EDU.AU>
Source record: 267396

Does anybody out there scan the frequencies of IMMARSAT ?.
I have heard rumours of programmes around to copy faxes from the satellites
but as yet have not seen one. Where HF faxes are a broadcast to all, the
satellite faxes are to a particular machine and therein lies the challenge.

3715. Re: The Scanman's Handbook v11 now out

Newsgroup: rec.radio.scanner
Date: 1994-10-12 11:49:53 UTC
From: arsenaul@emc.com
Message-ID: <37gih1$3j4@lss1105.emc.com>
Source record: 267399

Where can one find the Scanman's Handbook...FTP Site???

Brian

3716. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-12 11:50:43 UTC
From: rfhamilton@VNET.IBM.COM
Message-ID: <19941012.045537.194@almaden.ibm.com>
Source record: 267398
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

In <37eknt$207t@yuma.ACNS.ColoState.EDU> Galen Watts writes:
>In article <CxIru2.1EH@srgenprp.sr.hp.com> bsplaine@dogxray.sr.hp.com (Bill Splaine)
writes:
>>: RS was .59/ft for RG-8, and another company (local) was .60/ft
>>: Belden 9913 I'll have to call around for this one.
>>I haven't bought RS coax, but one of my friends works there and says that
>>their coax is not bad stuff but the prices are VERY HIGH compared to AES and
>>other suppliers.
>
>Cable Experts, 1-800-828-3340
>RG-8/U Foam, $0.32/ft, >100ft
>9913 Equiv $0.47/ft, >100ft
>9913 Equiv flexi, $0.62/ft, >100ft
>
Cable Experts carries a full line of R/F cable and connectors as well as
accesories (coax seal, baluns, etc). Call them for a catalog. Their
service is great.

==========
Bob Hamilton | Remember..The light that you see at the end
(rfhamilton@vnet.ibm.com) | of the tunnel just might be a train !
==========

3717. Re: faxes from immarsat

Newsgroup: rec.radio.scanner
Date: 1994-10-12 12:40:30 UTC
From: jcarter@orl.mmc.com
Message-ID: <37glfu$c3b@theopolis.orl.mmc.com>
Source record: 267400

In article gs3@aggedor.rmit.EDU.AU, t9456079@minyos.xx.rmit.EDU.AU (John Elliot) writes:
/
/Does anybody out there scan the frequencies of IMMARSAT ?.
/I have heard rumours of programmes around to copy faxes from the satellites
/but as yet have not seen one. Where HF faxes are a broadcast to all, the
/satellite faxes are to a particular machine and therein lies the challenge.
/
/
Yes - try some of these(see below).
There is a program to decode weather fax with a sound blaster board.
The author Paul Hitchcock can be found at "paulhtc@netcom.com" for
download information.

Jim

o o ooo o o ooo oo o o | James A. Carter | Jcarter@orl.mmc.com
o o o o o o o o o oo o | MARTIN MARIETTIA | FCC Lic. KD4PON
o o o o o o o o o o o o | Electronics & | These views are my own and
o o o o oooo ooo o o o oo | Missiles Division | not that of my employer.
o o o o o o o o o oo | Orlando, Florida |
o o ooo o o oo o o | 32855 | Thanks Jim
---

h h ffffff ffffff aa x x
h h f f a a x x
hhhhhhh fff === ffff a aa a x
h h f f a a x x
h h f f a a x x

| HF-FAX LIST compiled by Marius Rensen, Hannover Germany |
| |
| This listing contains all Fax stations on LF-MF-HF |
| |
| Logging's, frequencies, and schedule info's can be sent to: |
| |
| Echomail : FIDO-net RTTY or SW |
| Net-mail (FIDO) : 2:241/1045.12 or 2:292/878.6 |
| CompuServe : 100116,2632 |
| Internet : 100116.2632@compuserve.com |
| |
| This file is Available via CompuServe, Fidonet and Internet. |
| This file may be copeid and re-post to other boards without |
| permission, as long as the file remains unchanged. |

| Last Revised: 12th Mar-94 |

Technical specifications for F3C (example 120/576 on HF):

Class of emission: F3C
Bandwith (f0=1900 Hz): White +400 Hz (f0+400 Hz = 2300 Hz)
Black -400 Hz (f0-400 Hz = 1500 Hz)
(Low freq. (30-300 kHz f0+-150 Hz)
Index of correlation: 576
Drum speed (LPM): 120
Scanning Line Density: 3.8 lines/mm
Scanning frequency: 120 lines/minute
Start signals: Carrier modulated by 300 Hz for 5 seconds
Phasing signal: BLACK signal interrupted by 1 WHITE phasing pulse
per revolution of the facsimile drum, transmitted
for at least 30 seconds prior to the transmission
of the chart.
Stop signals: Carrier modulated by 450 Hz for 5 seconds followed
by 10 seconds of BLACK signal.

==- RADIO AMATEURS -==

FAX: 120/288 and 120/264, HamColor 360/204

3730-3740 7035-7045 14225-14235 18105-18115
21335-21345 24925-24935 28675-28685 28675-28685

SSTV: AVT 24 120/128 Color 24 sec. Wraase 24 128/128 Color 24 sec.
AVT 90 240/256 Color 90 sec. Wraase 48 256/128 Color 48 sec.
AVT 94 200/320 Color 94 sec. Wraase 96 256/256 Color 96 sec.
Scottie S1 256/256 Color 110 sec. ScanMate1 512/320 Color 391 sec.
Scottie S2 256/256 Color 71 sec. ScanMate2 512/320 Color 261 sec.
Martin M1 256/256 Color 114 sec.
Martin M2 256/256 Color 58 sec
Robot 12 120/128 Color 12 sec. Robot 8 120/128 B/W 8 sec.
Robot 24 120/128 Color 24 sec. Robot 12 120/128 B/W 12 sec.
Robot 36 240/256 Color 36 sec. Robot 24 240/256 B/W 24 sec.
Robot 72 240/256 Color 72 sec. Robot 36 240/256 B/W 36 sec.

3730-3740 7035-7045 14225-14235 21335-21345 28675-28685

Martin -> Martin Emmerson G3OQD
Scottie -> Eddy (Scottie) Murphy GM3SMC
Wraase -> Volker Wraase DL2RZ
AVT -> Amiga Video Tranceiver

==- Chart (UNID) indentification -==

1- Find out the technical parameters (LPM/IOC), only stations working
with Russian equipment using LPM 90, that are normally CIS stations
or Ankara Meteo.

2- If the station transmitting in LSB/288/352 (negativ) and LPM 60 it is normally a Press photo station ie 60/352 or 60/288

3- Look in the corner of the chart for a indentification (4) number. The first two numbers is the orginating center indicator (distributed the chart).

01-09 WMCs: 01-03 Melbourne; 04-06 Moscow; 07-09 Washington.

10-25 AFRICA: 10+11 Cairo; 12+13 Dakar; 14+15 Nairobi; 16+17 Antanarivo 18+19 Tunis; 20 LasPalmas; 21 El Djazair; 22+23 Lagos

26-40 ASIA: 26+27 Khabarovsk; 28+29 Delhi; 30+31 Novosibirsk; 32+33 Tashkent; 34+35 Tokyo; 36 Bangkok; 37 Ulan Bator; 38+39 Beijing.

41-50 S.AMERICA: 41+42 Buenos Aires; 43+44 Brasilia; 45 Santiago.

51-63 N+C AMERICA: 51+52 Miami; 53+54 Montreal; 55 San Francisco; 56 Washington.

64-73 PACIFIC: 64 Honolulu; 65+66 Darwin; 67+68 Melbourne; 69+70 Wellington.

74-98 EUROPE: 74+75 Bracknell; 76+77 Moscow; 78+79 Offenbach; 80+81 Rome; 82+83 Norrkoeping; 84+85 Paris; 86 Helsinki; 87 Belgrade; 88 Oslo; 89 Prague; 90 Episkopi; 91 Ankara; 92 Frankfurt; 93 London; 94 Copenhagen; 95 Rota; 96 Athens

The last two numbers is the serial chart number by that center.

Example: 9220 92= WAFC Frankfurt (EDZW) serial number 20
6411 64= RAFC Honolulu serial number 11

Note: some stations using 5 numbers, than take the last four numbers.

4- Look for a four letter location indicator.

ADDN Darwin; AMMC Melbourne; BABJ Beijing; DEMS Delhi; EDZW Offenbach; EGRR Bracknell; EKMI Danish Met; FAPR Pretoria; FMEE Saint Denis; GOOY Dakar; HECA Cairo; HKNC Nairobi; KWBC Washington;KGWC Offut (USAF); LEMM Madrid; LERT Rota; LFPW Toulouse; LIIB Roma; LTAA; Ankara; OKPR Praque; RJTD Tokyo; RKSL Seoul; RUHB Khabarovsk; RUMS Moscow; RUNW Novo-sibirsk; RUTK Tashkent; SABM Buenos Aires; UKBB Kiyev; VTBB Bangkok.

====- HF FAX LIST -====

All frequencies carrier, use for USB -1.9 KHz, for LSB +1.9 KHz

Marked (*) frequencies are changed or new in the list.

Note: USN Stations Rota, San Francisco, and Diego Garcia changed the map format, and the schedules.
Between the maps now they turning the TX off !

```
FREQ CALL NAME ITU LPM/IOC REMARKS MODE
=======================================================================
05325.0 RCW 75 Alma Ata Meteo KAZ 60/576
07910.0 RCW 79 Alma Ata Meteo KAZ 60/576
10570.0 RWH 79 Alma Ata Meteo KAZ 90/576
09927.5 RXA 76 Alma Ata Meteo KAZ 90/576
13707.0* RXA 77 Alma Ata Meteo KAZ 90/576

03377.4 YMA 20 Ankara Meteo TUR 90/576
06790.0 YMA 20 Ankara Meteo TUR 90/576

05777.5 LRO 26 AP Buenos Aires* ARG 60/352 nx/px 2300-0100 LSB
11480.0 AZG 641 AP Buenos Aires ARG 60/352 nx/px 2100-2300 LSB
* // 9241.5 DyN Buenos Aires

03657.0 RVZ 73 Arkhangelsk Meteo RUS 60/576
07762.0 RGH 77 Arkhangelsk Meteo RUS 60/576
05347.0 RSW 71 Arkhangeslk Meteo RUS 60/576

08530.0 SVA 4 Athens Radio GRC 120/576 0845-0945 (6 Charts)

05806.6 ZKLF Auckland Meteo NZL 120/576
09458.6 ZKLF Auckland Meteo NZL 120/576
13550.1 ZKLF Auckland Meteo NZL 120/576
16340.1 ZKLF Auckland Meteo NZL 120/576
0445+1645 schedule

07395.0 HSW 64 Bangkok Meteo THA 120/576 0050-0215+0300-0615+0700-
17520.0 HSW 61 Bangkok Meteo THA 120/576 0830+1000-1040+1300+1700+
2300

05527.0 BAF 6 Beijing Meteo CHN 120/576
08122.0 BAF 36 Beijing Meteo CHN 120/576
10117.0 BAF 4 Beijing Meteo CHN 120/576
14367.0 BAF 8 Beijing Meteo CHN 120/576
16025.0 BAF 9 Beijing Meteo CHN 120/576
18237.0 BAF 33 Beijing Meteo CHN 120/576

02618.5 GFE 25 Bracknell Meteo G 120/576 120/288 1800-0600
04610.0 GFA 22 Bracknell Meteo G 120/576 120/288 continuous
08040.0 GFA 23 Bracknell Meteo G 120/576 120/288 continuous
14436.0 GFE 23 Bracknell Meteo G 120/576 120/288 continuous
18261.0 GFE 24 Bracknell Meteo G 120/576 120/288 0600-1800
1622 schedule

05185.0 LRO 69 Buenos Aires Meteo ARG 120/576 0100-0200+2000-2300
10720.0 LRB 72 Buenos Aires Meteo ARG 120/576 0100-0200+2000-2300
18621.5 LRO 84 Buenos Aires Meteo ARG 120/576 0100-0200+2000-2300
1430 schedule

04528.2 SUU 36 Cairo Meteo EGY 120/576 LSB
10122.2 SUU 2 Cairo Meteo EGY 120/576 LSB

07470.0 VLM Casey Meteo ATA 120/576
11455.0 VLM Casey Meteo ATA 120/576
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03253.0 VFF CCG Iqaluit CAN 120/576 0100+0952+1006+2100+2155+
07710.0 VFF CCG Iqaluit CAN 120/576 2209+2335
Seasonal transmissions (Summer)

03253.0 VFR CCG Resolute CAN 120/576 1035+1049+1400+1416+1430+
07710.0 VFR CCG Resolute CAN 120/576 2232+2246+2335
Seasonal transmissions (Summer)

00122.5 CFH CF Halifax CAN 120/576 0000-2400
04271.0 CFH CF Halifax CAN 120/576 2200-1000
06496.4 CFH CF Halifax CAN 120/576 0000-2400
10536.0 CFH CF Halifax CAN 120/576 0000-2400
13510.0 CFH CF Halifax CAN 120/576 1000-2200
1001 schedule (Mon/Thur/Sat)

02754.0 CKN CF Vancouver CAN 120/576
04268.0 CKN CF Vancouver CAN 120/576
06456.0 CKN CF Vancouver CAN 120/576
12753.0 CKN CF Vancouver CAN 120/576
TX times:0245-0330+1025-1120
+1230-1255+1515-1540+2115-2250
0245 schedule

09430.0 3MA 34 CNA Tai-pei TAI 120/576 60/288 nx/txt LSB
13766.0 3MA 26 CNA Tai-pei TAI 120/576 60/288 nx/txt LSB
14685.0 3MA 25 CNA Tai-pei TAI 120/576 60/288 nx/wx LSB
15878.0 3MA 24 CNA Tai-pei TAI 120/576 60/288 nx/wx LSB
19680.0 3MA 23 CNA Tai-pei TAI 120/576 60/288 nx/wx LSB
22850.0 3MA 36 CNA Tai-pei TAI 120/576 60/288 nx/txt LSB
0200+1500 (1500 time/freq sked)

05850.0 OXT Copenhagen Meteo DNK 120/576
09360.0 OXT Copenhagen Meteo DNK 120/576
13855.0 OXT Copenhagen Meteo DNK 120/576
17510.0 OXT Copenhagen Meteo DNK 120/576

04790.5 6VU 23 Dakar Meteo SEN 120/576 60/576
13666.5 6VU 73 Dakar Meteo SEN 120/576 60/576 LSB
19750.0 6VU 79 Dakar Meteo SEN 120/576 60/576

05755.0 AXI 32 Darwin Meteo AUS 120/576 0800-2100
07535.0 AXI 33 Darwin Meteo AUS 120/576 0800-2100
10555.0 AXI 34 Darwin Meteo AUS 120/576 continuous
15615.0 AXI 35 Darwin Meteo AUS 120/576 2100-0800
18060.0 AXI 36 Darwin Meteo AUS 120/576 2100-0800
0030 schedule

18225.0 ATU 38 Dehli Meteo IND 120/576 0230-1430
04993.5 ATA 55 Delhi Meteo IND 120/576 1430-2030
07403.0 ATP 57 Delhi Meteo IND 120/576 Continuous B9W
14840.0 ATV 65 Delhi Meteo IND 120/576 Continuous B9W

08167.5 LQB 9 DyN Buenos Aires ARG 60/352 nx/px 2100-2400 LSB
09242.5 LRO 64 DyN Buenos Aires* ARG 60/352 nx/px 2300-0100 LSB

11451.0 LRO DyN Buenos Aires ARG 60/352 nx/px 2100-2400 LSB
* //5777.5 (AP Buenos Aires)

02342.5 DHJ 51 Grengel Meteo D 120/576
03302.0 DHJ 51 Grengel Meteo D 120/576
04570.5 DHJ 51 Grengel Meteo D 120/576

03855.0 DDH 3 Hamburg Meteo D 120/576 120/288
07880.0 DDK 3 Hamburg Meteo D 120/576 120/288
13882.5 DDK 6 Hamburg Meteo D 120/576 120/288
Mo 1050 schedule

09982.5 KVM 70 Honolulu Meteo HWA 120/576
11090.0 KVM 70 Honolulu Meteo HWA 120/576
16135.0 KVM 70 Honolulu Meteo HWA 120/576
23331.5 KVM 70 Honolulu Meteo HWA 120/576
0533+1133+1733+2333 schedule

05280.0 RKR 76 Irkutsk Meteo RUS 90/576 60/576

11475.7 HMF 52 KCNA Pyongyang KRE 60/352 nx/px 2330-0000+0030-0100
13580.0 HMY 33 KCNA Pyongyang KRE 60/352 nx/px 2330-0000+0030-0100

04516.7 RXB 72 Khabarovsk Meteo RUS 120/576 60/90/288/576
07475.0 RXB 75 Khabarovsk Meteo RUS 120/576 60/90/288/576
09230.0 RXO 70 Khabarovsk Meteo RUS 120/576 60/90/288/576
10220.0 Khabarovsk Meteo RUS 120/576 60/90/288/576
14610.0 RCR 79 Khabarovsk Meteo RUS 120/576 60/90/288/576
14737.0 RXO 72 Khabarovsk Meteo RUS 120/576 60/90/288/576
19275.0 RXO 74 Khabarovsk Meteo RUS 120/576 60/90/288/576

03360.0 RPN 71 Kiyev Meteo UKR 90/576 60/576
04525.0 RPN 75 Kiyev Meteo UKR 90/576 60/576
06720.0* RPN 71 Kiyev Meteo UKR 90/576 60/576
06950.0 RJK 78 Kiyev Meteo UKR 90/576 60/576
05285.0 Kiyev Meteo UKR 90/576 60/676

12828.9 UJQ Kiyev Radio UKR 60/576 nx/txt 1000 or 1100 Sa
19745.0 UJQ Kiyev Radio UKR 60/576 nx/txt

16270.0 9VF 207 KYODO Singapore SNG 60/576 nx/wx/txt 0700-1000+1400-1820
23865.0 9VF 235 KYODO Singapore SNG 60/576 nx/wx/txt 0700-1000+1400-1820
>Scrambled from may 1994<

06918.5 ECA 7 Madrid Meteo E 120/576
10250.0 Madrid Meteo E 120/576

02628.0 AXM 31 Melbourne Meteo AUS 120/576 *
05100.0 AXM 32 Melbourne Meteo AUS 120/576
11030.0 AXM 34 Melbourne Meteo AUS 120/576
13920.0 AXM 35 Melbourne Meteo AUS 120/576
20469.0 AXM 37 Melbourne Meteo AUS 120/576 **
* May-Jul 1100-2100/ Aug-Oct 1700-2000
** During summer suspended

0115 schedule

03810.0 RST 75 Mensk Meteo BLR 90/576 1950-0555
07575.0 RSR 79 Mensk Meteo BLR 90/576 1950-0555
07640.0 RST 76 Mensk Meteo BLR 90/576 1950-0555

02572.0 WLO Mobile Radio USA 120/576 Day
06852.0 WLO Mobile Radio USA 120/576 Day/Night
09157.5 WLO Mobile Radio USA 120/576 Day 1500 schedule
0230/0735/0920/1100/1145/1430/
1500/1910/2020/2100/2300/2345

15830.0 RUZU Molodezhnaya ATA 90/576 60/576

00053.6 RTO Moscow Meteo 1 RUS 120/576 90/576
00144.5 RCG Moscow Meteo 3 RUS 120/576 90/288/576
02815.0 RVO 76 Moscow Meteo 2 RUS 120/576 60/90/288/576
03875.0 RCI 72 Moscow Meteo 2 RUS 120/576 60/90/288/576
03395.0* RCI 74 Moscow Meteo RUS 120/576 60/90/288/576
04550.0 RWW 79 Moscow Meteo RUS 120/576 90/576
04560.0 RLB 27 Moscow Meteo RUS 120/567 60/90/567 Yekaterinburg ?
05150.0 RVO 73 Moscow Meteo 1 RUS 120/576 90/576
05355.0 RND 77 Moscow Meteo 2 RUS 120/576 60/90/288/576
06880.0 RAN 77 Moscow Meteo 1 RUS 120/576 90/576
07670.0 RCC 76 Moscow Meteo 1 RUS 120/576 90/576
07750.0 RAW 78 Moscow Meteo 2 RUS 120/576 60/90/288/576
10230.0 RKA 78 Moscow Meteo 1 RUS 120/576 90/576
10980.0 RDD 79 Moscow Meteo 2 RUS 120/576 90/60/288/576
11525.0 RWZ 77 Moscow Meteo 1 RUS 120/576 90/576
12165.0 RKB 78 Moscow Meteo 3 RUS 120/576 90/576
13470.0 RKU 71 Moscow Meteo 1 RUS 120/576 90/576
15500.0* RAW 78 Moscow Meteo RUS 120/576 90/576
15950.0 RBI 77 Moscow Meteo 2 RUS 120/576 90/60/288/576

05335.0* RBW 41 Murmansk Meteo RUS 120/576 90/576
07906.4 Murmansk Meteo RUS 120/576 90/576
10130.0 RBW 48 Murmansk Meteo RUS 120/576 90/576

09045.0 5YE Nairobi Meteo KEN 120/576
16187.0 5YE Nairobi Meteo KEN 120/576
17445.5 5YE Nairobi Meteo KEN 120/576

00069.1 RCK Novosibirsk Meteo RUS 120/576 90/576
05210.0 ROF 75 Novosibirsk Meteo RUS 120/576 90/576
05295.0 RCK Novosibirsk Meteo RUS 120/576 90/576
05765.0 RYO 79 Novosibirsk Meteo RUS 120/576 90/576
09220.0 RTB 26 Novosibirsk Meteo RUS 120/576 90/576
12320.0 RYO 76 Novosibirsk Meteo RUS 120/576 90/576

00117.4 DCF 37 Offenbach Meteo D 120/576
00134.2 DCF 54 Offenbach Meteo D 120/576 120/288
METEOSAT -> 0103+0320+0811+1245+
1301+2022

00111.8 OLT 21 Praque Meteo CZR 120/576

07508.0 ZRO 2 Pretoria Meteo AFS 120/576 0405-1000+1455+2200
18238.0 ZRO 4 Pretoria Meteo AFS 120/576 0405-1000+1455+2200

02374.0 GYA RN London G 120/576
03652.0 GYA RN London G 120/576
04307.0 GYA RN London G 120/576
06446.0 GYA RN London G 120/576
08331.5 GYA RN London G 120/576
12844.5 GYA RN London G 120/576
16912.0 GYA RN London G 120/576
0300+1640 schedule

02195.5 WLC Rogers City Radio USA 120/576
05898.6 WLC Rogers City Radio USA 120/576
Winter -> October 0630+0930+1530+1830+2030+0230
Summer -> April 0530+0830+1430+1730+1930+0130

04777.5 IMB 51 Rome Meteo I 120/576
08146.6 IMB 55 Rome Meteo I 120/576
13597.4 IMB 56 Rome Meteo I 120/576

03610.0 ROO 70 Rostov na Donu RUS 90/576 60/576
06720.0 Rostov na Donu RUS 90/576 60/576 (Kiyev Meteo?)
07630.0 RNR 78 Rostov na Donu RUS 90/576 60/576
07968.0 RFU 7 Rostov na Donu RUS 90/576 60/576
09100.0 ROO 72 Rostov na Donu RUS 90/576 60/576 (RFU 9 ?)

08176.0 FZR 81 Saint Denis Meteo REU 120/576 0740-0815+1100-1135
16335.0 FZS 63 Saint Denis Meteo REU 120/576 0740-0815+1100-1135

02720.0 RDE 73 Samara Meteo RUS 60/576 0140/2000
03710.0 RGJ 61 Samara Meteo RUS 60/576 0045/0125/1945/2155/2245
04530.0 RGJ 62 Samara Meteo RUS 60/576 0140/2000
04575.0 Samara Meteo RUS 60/576 0140/2000

07420.0 BDF Shanghai Meteo CHN 120/576 2230-0950
11420.0 BDF Shanghai Meteo CHN 120/576 2230-0950
18940.0 BDF Shanghai Meteo CHN 120/576 2230-0950

05857.7 HLL 8 Soul Meteo KOR 120/576 0000-2100
07433.5 HLL 5 Soul Meteo KOR 120/576 0000-2100

04616.0 BMB Tai-pei Meteo TAI 120/576/288 2100 txt 2230 chart
05250.0 BMB Tai-pei Meteo TAI 120/576/288 2100 txt 2230 chart
08140.0 BMB Tai-pei Meteo TAI 120/576/288 2100 txt 2230 chart

03280.0 RBX 70 Tashkent Meteo 1 UZB 90/576 60/576
03690.0 Tashkent Meteo 1 UZB 90/576
04365.0 RPJ 78 Tashkent Meteo 2 UZB 90/576 60/576 120/288
05890.0 RBV 78 Tashkent Meteo 2 UZB 90/576 60/576 120/288
07570.0 RBX 72 Tashkent Meteo 2 UZB 90/576 60/576 120/288
08083.0 RIJ 75 Tashkent Meteo 1 UZB 90/576 60/576
09150.0 RCH 73 Tashkent Meteo 1 UZB 90/576 60/576

09340.0 RCH 72 Tashkent Meteo 1 UZB 90/576 60/576 120/288
13947.0 ROM 5 Tashkent Meteo 1 UZB 90/576 60/576
14982.5 RBV 76 Tashkent Meteo 2 UZB 90/576 60/576 120/288

03745.0 RIS 70 Tbilisi Meteo GEO 90/576 60/288/576
07495.0 RDK 23 Tbilisi Meteo GEO 90/576 60/288/576
14990.0 Tbilisi Meteo GEO 90/576 60/288/576

03622.5 JMH Tokyo Meteo 2 J 120/576
03365.0 JMJ Tokyo Meteo 1 J 120/576
05405.0 JMJ 2 Tokyo Meteo 1 J 120/576
07305.0 JMH 2 Tokyo Meteo 2 J 120/576
09438.0 JMJ 3 Tokyo Meteo 1 J 120/576
09970.0 JMH 3 Tokyo Meteo 2 J 120/576
13597.0 JMH 4 Tokyo Meteo 2 J 120/576
14692.5 JMJ 4 Tokyo Meteo 1 J 120/576
18220.0 JMH 5 Tokyo Meteo 2 J 120/576
18441.2 JMJ 5 Tokyo Meteo 1 J 120/576
23522.9 JMH 6 Tokyo Meteo 2 J 120/576

04316.0 JJC Tokyo Radio J 120/576 60/288/576nx/wx 24h
12745.0 JJC Tokyo Radio* J 120/576 60/288/576 nx/wx 24h
16971.0 JJC Tokyo Radio J 120/576 60/288/576 nx/wx 24h
17069.5 JJC Tokyo Radio J 120/576 60/288/576 nx/wx 24h
22542.0 JJC Tokyo Radio J 120/576 60/288/576 nx/wx 24h
>Scrambled from may 1994<
* 1010 scrambled-testchart
09102.0 AJO USAF Adana TUR 120/576 (Incirlik)

13380.0 AIE USAF AWS Anderson GUM 120/576 1300-2300
17528.3 AIE USAF AWS Anderson GUM 120/576 2300-1300
20380.0 AIE USAF AWS Anderson GUM 120/576 2300-1300

04757.0 AJE USAF AWS Croughton G 120/576/288 (most active)
05236.9 AJE USAF AWS Croughton G 120/576/288
07598.4 AJE USAF AWS Croughton G 120/576/288
07625.0 AJE USAF AWS Croughton G 120/576/288 (most active)
09102.3 AJE USAF AWS Croughton G 120/576/288
10875.0 AJE USAF AWS Croughton G 120/576/288
14399.0 AJE USAF AWS Croughton G 120/576/288
14679.3* AJE USAF AWS Croughton G 120/576/288

06821.0 AJK USAF AWS Ramstein D 120/576 120/288

03232.0 USAF AWS Elk Horn USA 120/576
04858.0 USAF AWS Elk Horn USA 120/576
05709.0 USAF AWS Elk Horn USA 120/576
06905.0 USAF AWS Elk Horn USA 120/576
11121.0 USAF AWS Elk Horn USA 120/576
19327.0 USAF AWS Elk Horn USA 120/576
02280.0* AKA USAF AWS Elmendorf ALS 120/576
03394.0* AKA USAF AWS Elmendorf ALS 120/576

05095.0* AKA USAF AWS Elmendorf ALS 120/576
07395.0* AKA USAF AWS Elmendorf ALS 120/576
10665.0* AKA USAF AWS Elmendorf ALS 120/576
15805.0* AKA USAF AWS Elmendorf ALS 120/576
19332.0* AKA USAF AWS Elmendorf ALS 120/576

03398.0 USAF AWS Homestead USA 120/576
04855.0 USAF AWS Homestead USA 120/576
07398.0 USAF AWS Homestead USA 120/576
07870.0 USAF AWS Homestead USA 120/576
10997.0 USAF AWS Homestead USA 120/576
11622.0 USAF AWS Homestead USA 120/576
15781.0 USAF AWS Homestead USA 120/576
19363.0 USAF AWS Homestead USA 120/576

03242.0 NMF USCG Boston USA 120/576 0300-0427+0700-0755+
0905-1052
07530.0 NMF USCG Boston USA 120/576 1730-1801+1835-1956+
2015-2212
06340.5* NIK USCG Boston USA 120/576 new schedule
12750.0 NIK USCG Boston USA 120/576 new schedule

04298.0 NOJ USCG Kodiak ALS 120/576 0400/1000/1800/2200
08459.0 NOJ USCG Kodiak ALS 120/576 0400/1000/1800/2200

04346.0 NMC USCG San Francisco USA 120/576 0145-0526 1500-2345
08682.0 NMC USCG San Francisco USA 120/576 0145-0526 1500-2345
12730.0 NMC USCG San Francisco USA 120/576 0145-0526 1500-2345
17151.2 NMC USCG San Francisco USA 120/576 0145-0526 1500-2345
22527.0 NMC USCG San Francisco USA 120/576 0145-0526 1500-2345

08494.0 NUD USN Adak ALS 120/576 Continuous//(8492.5)
0000 schedule

05262.0 NPN USN Apra Harbour 2 GUM 120/576 Indian Ocean schedule
10253.0 NPN USN Apra Harbour 1 GUM 120/576 Pacific schedule
10257.0 NPN USN Apra Harbour 2 GUM 120/576 Indian Ocean schedule
19858.0 NPN USN Apra Harbour 1 GUM 120/576 Pacific schedule
16027.6 NPN USN Apra Harbour 1 GUM 120/576 Pacific schedule
19862.0 NPN USN Apra Harbour 2 GUM 120/576 Indian Ocean schedule
23008.0 NPN USN Apra Harbour 1 GUM 120/576 Pacific schedule
1315+1330 schedule

07582.0 NKW USN Diego Garcia DGA 120/576 1400-0200
12806.0 NKW USN Diego Garcia DGA 120/576 continuous
20302.0 NKW USN Diego Garcia DGA 120/576 0200-1400

08614.0 NWC USN Exmouth AUS 120/576 1000-2200 ISB
12727.5 NWC USN Exmouth AUS 120/576 continuous
16914.5 NWC USN Exmouth AUS 120/576 2200-1000

03820.5 NRK USN Keflavik ISL 120/576 Standby on call
09318.5 NRK USN Keflavik ISL 120/576 Continuous

18486.0 NRK USN Keflavik ISL 120/576 Standby on call
0000 schedule

03357.0 NAM USN Norfolk USA 120/576 0000-1200
08080.0 NAM USN Norfolk USA 120/576 Standby on call
10865.0 NAM USN Norfolk USA 120/576 1200-0000
15959.0 NAM USN Norfolk USA 120/576 Standby on call
20015.0 NAM USN Norfolk USA 120/576 Standby on call
0000 schedule

04855.0 NPM USN Pearl Harbour HWA 120/576 0600-1600 LSB/ISB
21735.0 NPM USN Pearl Harbour HWA 120/576 1600-0600 LSB/ISB
0000 schedule

04623.3* AOK USN Rota Sigonella E 120/576 1800-0600
05864.8* AOK USN Rota Sigonella E 120/576 Continuous
09373.0 AOK USN Rota Sigonella E 120/576 (in Mar not active)
11485.2* AOK USN Rota Sigonella E 120/576 0600-1800

04704.0 AOK USN Rota Moron E 120/576 1800-0600 on call
05785.0 AOK USN Rota Moron E 120/576 Continuous on call
09382.5 AOK USN Rota Moron E 120/576 Continuous on call
17585.0 AOK USN Rota Moron E 120/576 0600-1800 on call
2349+0003 schedule

06453.0 NPG USN San Francisco USA 120/576 Continuous (Stockton CA)
09090.0 NPG USN San Francisco USA 120/576 Continuous (Stockton CA)
0000 schedule

04963.0 NDT USN Yokosuka 1 J 120/576
04967.0 NDT USN Yokosuka 2 J 120/576
12777.0 NDT USN Yokosuka 1 J 120/576
22322.5 NDT USN Yokosuka 1 J 120/576
22326.5 NDT USN Yokosuka 2 J 120/576

04228.0 CBV Valparaiso Radio CHL 120/576 1115+1915+1940+2310+2330
08677.2 CBV Valparaiso Radio CHL 120/576 1115+1915+1940+2310+2330
17144.4 CBV Valparaiso Radio CHL 120/576 1115+1915+1940+2310+2330

12813.0 UKA Vladivostok Radio RUS 60/576 nx/txt 0200-0700+2300-0100
17000.0 UKA Vladivostok Radio RUS 60/576 nx/txt 0200-0700+2300-0100

07636.0 XINHUA Beijing CHN 120/576 1416+1826 txt

03255.0 RVT 73 Yekaterinburg UKR
07905.0* Yekaterinburg UKR

10665.0 RCO 73 Yakutsk Meteo RUS 90/576

Frequencies marked ON CALL can be activated/De-activated by units trough
Commspot request.

AP Associated Press (USA)
CNA Central News Agency (Taiwan)

DyN Diarios y Noticias (Argentina)
KCNA Korean Central News Agency
KYODO Kyodo News Service (Japan)
XNA Xinhua News Agency (China)

3718. NEWBIE: needs suggestions

Newsgroup: rec.radio.scanner
Date: 1994-10-12 13:25:00 UTC
From: space.lodge@canrem.com
Message-ID: <60.9834.5773.0N1B4763@canrem.com>
Source record: 267255

DS> @FROM :AIDEKMAN@MAIL2.SAS.UPENN.EDU
DS> @SUBJECT:NEWBIE: needs suggestions...
DS> Path: portnoy!uunet.ca!uunet.ca!uunet!europa.eng.gtefsd.com
DS> howland.reston.ans.net!cs.utexas.edu!convex!news.duke.edu!zombie.ncsc.mil!g
DS> i
DS> msuinfo!netnews.upenn.edu!mail2.sas.upenn.edu!aidekman
DS> From: aidekman@mail2.sas.upenn.edu (David S Aidekman)
DS> Newsgroups: rec.radio.scanner
DS> Subject: NEWBIE: needs suggestions...
DS> Date: 4 Oct 1994 18:58:39 GMT
DS> Organization: University of Pennsylvania
DS> Lines: 12
DS> Message-ID: <36s8kv$fff@netnews.upenn.edu>
DS> NNTP-Posting-Host: mail2.sas.upenn.edu
DS> X-Newsreader: TIN [version 1.2 PL2-upenn1.1]

On (08 Oct 94) David S Aidekman wrote to All...

DS> I've been very interested in purchasing a scanner for a long time, and
DS> I've recently been reading this newsgroup. I am fascinated by what you
DS> can do with them, but I only have a vague idea of what their descriptions
DS> mean. I see that Radio Shack is unpopular on here, but I'm looking for
DS> suggestions on what to get for a beginner and where to go.
DS> Is Radio Shack really that bad? there's one nearby and it would be pretty
DS> convenient, but I need to know what to look for and what questions to ask.

Radio Hack has some very good stuff, it's the low-payed
knowledge-lacking employees that a lot of people have a
problem with.

To Radio Slack, the best employee is one that can sell
a lot of high markup items, not if they know what they
are selling, or what the best advice to offer a customer
would be. Granted, they are in the retail business, and
they need to sell items to make money, but since I used
to manage a Rat Shack, I know that many returns are due
to poor customer satisfaction. Many of the employees
didn't know a resistor from a capacitor, nor a tape deck
from a scanner.

If you want to buy from Radio Shloque, it's usually a
good idea to know exactly what you want before you go
into the store. Not all stores have lousy employees,
but around here, many are terrible.

Now, about buying a scanner, it depends a bit on what
you want from the scanner. Are you just going to try
a scanner, or are you sure you want one, and you want
to get a good one? If you want a good one, then I suggest
you spend a few bucks and pay for the better units,
like the Pro-43, and Pro-2006 handheld and base units.
These are considered to be two of the best scanners
made today.

Whichever scanner you do buy, it's a good idea to get
one that has 800 MHz and at least 100 channels. If you
are like most people, you'll find it's VERY easy to
fill up a 10 or 20 channel model. The local police in
my area alone, uses up to five channels...that's half
the memory channels of an inexpensive scanner! <Grin>

Look for features like triple conversion (which helps
reduce "copies" of the same frequency from interfering
with reception), 100+ channels, freq coverage of 29-54,
118-174, 400-512, 806-950+, priority channel, and freq
searching (to find new stuff).

You may not want to spend the extra $100 or so to get
a good scanner at first, but it's a sure bet you will
be really disappointed in a week or two when you realize
there are lots of freqs and features missing from a
cheap scanner.

-=] BF at K.S.C. FidoNet 1:229/618.6 [=-
-=] InterNet Bill.Foster@Odyssey.North.Net [=-

--- PPoint 1.88
* Origin: KEY-SMASHING CENTRAL - Oshawa, Ontario (1:229/618.6)
SEEN-BY: 229/618 905/103 999

3719. How to hook external ariel in Radio Shack PRO-2027

Newsgroup: rec.radio.scanner
Date: 1994-10-12 13:33:16 UTC
From: bap@mace.cc.purdue.edu
Message-ID: <37gois$93t@mace.cc.purdue.edu>
Source record: 267403

Howdy.
I just bought my first scanner, a Radio Shack PRO-2027
100 channel and boy is it FUN!!!!!!

Since I am new to this can anyone tell me how to set up
a simple external antenna which connects to the BNC
connector on the back of the unit?

Thanks

3720. Help on Pro2006 Cellular Restoration

Newsgroup: rec.radio.scanner
Date: 1994-10-12 13:55:55 UTC
From: tbohr1@ed8751.pto.ford.com
Message-ID: <37gptb$q46@ef2007.efhd.ford.com>
Source record: 267306

Hello all:

A friend of mine recently modded his Pro2006 (its a few yrs old) for cellular.
The step size in the cell range doesn't seem to be the proper 30Khz.
I believe I read it here before that one must press the RESET button to
get the proper step size in that range.

Can someone confirm this for me?

This will also, I assume, clear all
the channels that are programmed.

Thanks!

Tim

3721. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-12 14:09:45 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.132.000829DE@chevron.com>
Source record: 267309
Cross-posted to: rec.radio.scanner,misc.legal,la.general

In article <37d0sk$5mu@anshar.shadow.net> dwhite@shadow.net (Don Whiteside) writes:

>In article <crispCxH5wr.AJD@netcom.com>, <crisp@netcom.com> writes:
>> A second idea is to wear a hidden tape recorder and tape the entire
>> transaction, and play the game as outlined above. When he tries the
>> inevitable BS that we all expect tell him that you have taped the
>> entire conversation and that your next stop is the local DA's office.

> And then when you go the the DA, play the tape and get arrested for
>wiretapping, you will have a cellular phone to use while Bruno is
>boofing you in your cell.

Actually it isn't wire tapping. It's just like "hidden cameras" or "wired"
undercover folks, 60 Minutes, etc. Might get you sued if you aren't careful.
Wiretapping would be monitoring telephone conversations.

An interesting thing about wire taps in California. I don't know if the laws
have changed since I studied administration of justice 10 years ago but...
Wire taps are not permitted in California. Law enforcement uses them but the
warrants come from federal courts not state or local jurisdictions. This
includes cellular.

Land line and cellular "tapping" and tracing goes on everyday with warrants.
The carriers are obligated to provide the facilities for such operations.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

3722. Re: Cobra Scrambler Cordless Phone Good?

Newsgroup: rec.radio.scanner
Date: 1994-10-12 14:10:02 UTC
From: miles@mail.utexas.edu
Message-ID: <miles-1210940909510001@klingon.util.utexas.edu>
Source record: 267307
Cross-posted to: rec.radio.scanner,sci.electronics,alt.cellular,alt.privacy

> : Does anyone have any information on this model? I assume it uses simple
> : inversion scrambling, which is probably good enough for her home use. Is
> : the voice quality OK? Other advice? Thank you!
>
> Hmmm, "for her home use"? Really? Tell me about it...

So far as I know, she doesn't represent the Medellin Cartel or the Iraqui security service. :-) But she tells me she likes to talk without fear of being overheard (about her neighbors??), and she does some limited business on the phone.

> using extra speaker and Ramsey descrambler. I would not suggest anything
> other than digital 900 mhz would be ok for "any" use which would mislead a
> person into thinking they are private when they aren't. If she does not want
> to spring $$$ for 900 mhz, don't waste money on the speech inversion types.
> $40 says it will be broken in a second by someone wanting to listen in.
>
> I'd put a higher price on privacy than the cost of those speech inversion
> phones.

Point well taken. I see that the new Rat Shack catalog offers a couple of 900 MHz models, one of which promises "Digital Spread Spectrum." I wonder if that's really secure, or does it just pick a channel and stay there until interference makes it move to another channel? In her environment it might stay on one channel for weeks!

3723. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-12 14:12:36 UTC
From: crisp@netcom.com
Message-ID: <crispCxKCt0.KKr@netcom.com>
Source record: 267402
Cross-posted to: rec.radio.scanner,misc.legal,la.general,alt.2600

In article <37d0sk$5mu@anshar.shadow.net> Don Whiteside <dwhite@shadow.net> writes:
>
>In article <crispCxH5wr.AJD@netcom.com>, <crisp@netcom.com> writes:
>> A second idea is to wear a hidden tape recorder and tape the entire
>> transaction, and play the game as outlined above. When he tries the
>> inevitable BS that we all expect tell him that you have taped the
>> entire conversation and that your next stop is the local DA's office.
>
> And then when you go the the DA, play the tape and get arrested for
>wiretapping, you will have a cellular phone to use while Bruno is
>boofing you in your cell.

negative. There is no wiretapping occurring. You are literally carrying the
tape recorder and mike on your person, you are perfectly aware of the
fact that the conversation is being recorded. No problem legally with this.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3724. Re: Cordless Snooping Outlawed?

Newsgroup: rec.radio.scanner
Date: 1994-10-12 14:15:39 UTC
From: crisp@netcom.com
Message-ID: <crispCxKCy4.Ksw@netcom.com>
Source record: 267404

In article <1994Oct11.045702.6430@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>crisp@netcom.com (Richard Crisp) writes:
>:
>: for the same reason the NRA did not oppose the machine gun ban of 1986.
>: It just did noccur to the old geezers that the nose of the camel was in
>: the tent and soon they'd have the whole camel in with them. Do not
>: vote for incumbents this fall, Send a clear message to Washington
>: that we will not stand for any more infringements of our liberties.
>: Toss out Bill Clinton and his whole liberal agenda into the waste heap
>: where they all belong. Hell maybe Tyson has a job for him shoveling
>: Chicken Sh*t into the rivers of Arkansas.
>
>You say this, yet you do not speak up when the government makes it illegal
>for people to use the drug of their choice, in the privacy of their own
>house. The Republicans, with their War on some Drugs, is just as bad.
>This erosion has been going on for over three decades. It is just that
>the more blind of you are finally starting to notice.
>
>We need to revamp the complete government, starting by getting rid of both
>major parties.
>
>

You make a good point relative to the WOD (War on Americans). However what I have said is that the rate of the acceleration of the attack on our liberties has increased under the arrogance of the Clinton administration.

Bill Clinton and his rights grabbing cronies in the democratically controlled house and senate need to all be tossed out on their duffs.

Remember that the Democrats have had CONTINUOUS CONTROL OF THE HOUSE SINCE 1954!!!!!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3725. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-12 14:27:49 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.134.000876F9@chevron.com>
Source record: 267405

In article <37d0sk$5mu@anshar.shadow.net> dwhite@shadow.net (Don Whiteside) writes:

>In article <crispCxH5wr.AJD@netcom.com>, <crisp@netcom.com> writes:
>> A second idea is to wear a hidden tape recorder and tape the entire
>> transaction, and play the game as outlined above. When he tries the
>> inevitable BS that we all expect tell him that you have taped the
>> entire conversation and that your next stop is the local DA's office.

> And then when you go the the DA, play the tape and get arrested for
>wiretapping, you will have a cellular phone to use while Bruno is
>boofing you in your cell.

Actually it isn't wire tapping. It's just like "hidden cameras" or "wired"
undercover folks, 60 Minutes, etc. Might get you sued if you aren't careful.
Wiretapping would be monitoring telephone conversations.

An interesting thing about wire taps in California. I don't know if the laws
have changed since I studied administration of justice 10 years ago but...
Wire taps are not permitted in California. Law enforcement uses them but the
warrants come from federal courts not state or local jurisdictions. This
includes cellular.

Land line and cellular "tapping" and tracing goes on everyday with warrants.
The carriers are obligated to provide the facilities for such operations.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

3726. Regency Turbo 800

Newsgroup: rec.radio.scanner
Date: 1994-10-12 14:44:03 UTC
From: mpulver@netcom.com
Message-ID: <mpulverCxKE9F.10F@netcom.com>
Source record: 267308

I've had a Regency TurboScan 800 for many years now, and I've always wondered if there was more to the unit than whats on the outside. In specific, I'd love to be able to cranky the scan speed up a notch or two. Is this something that's usually easy to do?

Thanks in advance....

Mark
--
---
mpulver@netcom.com -or- analog analog analog and um, analog
mpulver@lante.com Voyetra 8, Xpander, P5, MKS-70, other toys

3727. Got an old crystal scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-12 15:24:43 UTC
From: joep@bear.com
Message-ID: <39777@ursa.bear.com>
Source record: 267424

I recently acquired an old "Lake" (made in Japan) 8 channel Vhf/Uhf
scanner. It has 4 channels in each band and an antenna jack for each
band. It had the local weather freq. crystal installed (The only crystal,
but hey for nothing, what can I say...) It's dual voltage and has the 110v
power cord. I plugged it in and it worked! Had to use a makeshift antenna for
now...but it worked. Next I went to Radio Shack and ordered about six crystals
@ $4.99 each. (They should be in soon(7-10 business days))
Okay so you made it to the questions (Did you think I was just telling a story!?!)

I plan on using this in my car (I'm a volunteer firefighter so it's ok)and I'll
need to figure which pins to use for 12v. Will they be the ones _not_ being
used by the 110v or will the ground be common? The socket looks something like:
(crude ascii drawing)

```
_______
|o o o o|
-------
```

I can experiment with a 12v power supply but I'd hate to fry this thing.

Also it has two separate antenna jacks (one for each band) and I only want to
use one antenna. Is there an adaptor I can use or do I need to make something up?

Sorry for being long winded but hey, that's just me..

--
<><><>

3728. 2006 squelch

Newsgroup: rec.radio.scanner
Date: 1994-10-12 15:29:24 UTC
From: necakov@dev2.bear.com
Message-ID: <39778@ursa.bear.com>
Source record: 267275

I've recently picked up a new, fresh out of the box pro-2006. The only other scanner I own is a Pro-51. I'm happy with the 2006 except for the squelch. On my Pro-51 when I turn the squelch to a certain point it completely blocks out noise and weak signals like its supposed to. The 2006's squelch seems less, lets say, absolute. The noise and weak signals come in and cut out, back and forth unless I turn the squelch up very high. I was wondering if this is characteristic of this model or if there may be something wrong with my particular unit. I've seen a mod for the 2006 that alters the squelch hysteresis. Does this address the problem I'm having? The only definition of hysteresis I could find is as follows:

a retardation of the effect when the forces acting upon a body are changed (as if from viscosity or internal friction);
esp: a lagging in the values of resulting magnetization in a magnetic material (as iron) due to a changing magnetizing force

Thanks for any light you can shed on this darkness.

3729. Re: SCANNING THE ROAD

Newsgroup: rec.radio.scanner
Date: 1994-10-12 15:33:54 UTC
From: James_Abbott@monet.prs.k12.nj.us
Message-ID: <66910.ensmtp@monet.prs.k12.nj.us>
Source record: 267407

O.K. I'll bite, how do you go about blocking out the new laser radar?

3730. Re: Cordless Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-12 15:54:11 UTC
From: steven@sgb.oau.org
Message-ID: <CxKHIF.F1C@sgb.oau.org>
Source record: 267315

Terry Steinford (tls@gate.net) wrote:
: Steven T Blasen (stblasen@iastate.edu) wrote:

: : But if anyone gets caught illegally (US only) listening to
: : these -- you never got them from me (haha).

: You are still legal to listen to cordless phones at least for another
: day. Clinton still has not signed the law yet. But when he does, the Iron
: Curtain goes up around another chunk of RF spectrum.

Well I am in the US and no law is going to stop me!!

I could care less when the law goes into effect, one plus is that there will be more cordless phones sold as the salesmen will have one more vice to sell it with, such that my entertainment value will actually increase with MORE to listen to, not less.

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

3731. Re: Cordless Snooping Outlawed?

Newsgroup: rec.radio.scanner
Date: 1994-10-12 16:12:37 UTC
From: rats@ihlpm.ihsam.att.com
Message-ID: <CxKID1.JID@nntpa.cb.att.com>
Source record: 267408

|crisp@netcom.com (Richard Crisp) writes:
|:
|: for the same reason the NRA did not oppose the machine gun ban of 1986.

I think this is a bad rap on NRA. The McClure-Volkmer Firearms Owners Protection Act (FOPA) had the Hughes MG ban added at the last minute by some Representative from Florida, whose name escapes me. I believe the FL Representative was later convicted of some crime. NRA spent YEARS trying to get the FOPA passed, and had to accept other so-called "compromises" like removing the provisions to allow interstate handgun sales. NRA did do some stupid stuff later on the FOPA that monkeyed with the "safe transit" provisions concerning the transportation of firearms & ammunition. Ostensibly, NRA accepted the MG ban in the FOPA to get the other provisons; NRA stated that the MG ban would be fought in court. NRA kept it's word, and DID fight it in court. Unfortunately, the U.S. Judiciary despises gun ownership, because their members consider themselves imperial and the general public fools. NRA lost in the lower courts, and the U.S. Supreme Court refused to hear the case, just like the Morton Grove Handgun Ban case.

3732. Anyone Know Of:

Newsgroup: rec.radio.scanner
Date: 1994-10-12 16:36:44 UTC
From: gary@phoenixs.co.uk
Message-ID: <336686486wnr@phoenixs.co.uk>
Source record: 267419

Does anyone know of a reasonably good scanner which has continous coverage from around 100khz to around 500MHz which costs around 200 or less? Most of the ones I have seen such as the Pro 44 misses out some big chunks.

Gary
--

Gary Smith | Phoenix Software
Technical Support Engineer | Tel 0759 304885
gary@phoenixs.co.uk | Fax 0759 304341

3733. Pro 44 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-12 16:36:52 UTC
From: gary@phoenixs.co.uk
Message-ID: <58920730wnr@phoenixs.co.uk>
Source record: 267420

Could anyone who owns one of these scanners please let me know if it is any good or if someone knows of a simlar but better model.

Gary
--

3734. Re: [Q] PRO39 better value than PRO49?

Newsgroup: rec.radio.scanner
Date: 1994-10-12 16:41:00 UTC
From: domonkos@access.digex.net
Message-ID: <37h3it$24s@news1.digex.net>
Source record: 267311

In article <1994Oct10.181858@bbs.ug.eds.com>, magarro@bbs.ug.eds.com says:
>
>Hello,
>
>I'm a newbie that posted an earlier message and would like to thank the people
>that responded.
>
>I took their advise and went to my local Radio Shack to look at the PRO39 and
>PRO43 scanners. Besides the differences in features described in their
>catalogue, I found some aesthetic differences. The first and foremost
>difference is the sound quality. It seems like the PRO49 had too much bass.
>The PRO39 had a much more appealing, more treble sound. Secondly, the PRO49
>was heavier.
>
>It seems like, aesthetically, the PRO39 was a better value for $219 (down from
>$299) compared with the PRO43 at $299(down from $350? Right?
>
>From a modification standpoint, If one wanted to get the missing 800Mhz
>frequencies, which unit PRO39 or PRO43 is easier to convert? I heard that
>modifying the PRO39 might delete some of the stored frequencies in the unit.
>What other "side effects" might one encounter if one modifies any of the two
>units?
>
>Any help would be greatly appreciated from this radio scanner newbie.
>
>Thanks,
>Richard
>magarro@bbs.ug.eds.com

Richard,

If a modifiable scanner (full 800Mhz) is what you're priority is, then
the Pro-39 is the best bet, unless you get a Pro-43 with no A in the
serial number nor in the FCC-ID (manufacturing date no later than 1A4).
All Pro-39's are modifiable, so that may help your decision. The 43 has
triple conversion so it will be much less prone to images, especially
at 800Mhz. I found the images were not a problem with the Pro-39; the
800Mhz public service freq's won't interfere with 869-894 reception,
if that;s what you're after.

BTW, the 43 covers the 225-400 UHF Air band. Not toomuch activity there,
most of the military training activity I listen to here in Maryland
falls into the LOW BAND VHF (30-50Mhz) range anyway. Good luck.

Andy

3735. "Negative Pulse" Nicad Charger (Mfg. Source ??)

Newsgroup: rec.radio.scanner
Date: 1994-10-12 16:52:09 UTC
From: jcscott@pacbell.com
Message-ID: <37h45a$mg4@gw.PacBell.COM>
Source record: 267410
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.amateur.equipment,alt.radio.scanner

I am looking for a general purpose nicad battery charger that uses the "negative pulse" concept to recondition and properly charge nicad batteries. Does anyone know of such a device? I have seen nicad battery reconditioner/charges but most of these seem to first discharge and then fully charge a nicad. Maybe one of these will do just as good a job?

Thanks in advance,

Jon

3736. Pro-23

Newsgroup: rec.radio.scanner
Date: 1994-10-12 16:59:02 UTC
From: steveccbn@aol.com
Message-ID: <37h4km$j0p@newsbf01.news.aol.com>
Source record: 267319

I have a friend who purchased a Pro-23 scanner. Could someone repost any/or all mods for this particular scanner. I have a Pro-43 and have all the mods for it but I don't have any for the Pro-23. Thank you.

Steve.

3737. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-12 17:00:42 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <37h4nq$kcc@mozo.cc.purdue.edu>
Source record: 267316

In article <37bei8$521@detroit.freenet.org> ad225@detroit.freenet.org (Gary Baumgarten) writes:
>
>Anyone speaking on any radio device should always asume the
>conversation is being monitored. Legislation just gives the
>users of cordless phones and cellular phones a false sense
>of security.
>
>An acquaintance of mine recently fired up his scanner and
>picked up a conversation by a neighbor who was selling
>drugs out of his home. He began listening to the conversations
>regularly and started logging the license numbers of cars
>that went to the house to buy dope.
>
>After awhile he decided to tape record the calls as evidence.
>He then turned his findings over to his local police department.
>
>The local cops, armed with the information, contacted the
>Michigan State Police Narcotics Enforcement Team. Their
>investigation led to a raid which put the neighbor behind
>bars and out of business.
>
>Presumably, this new legislation would have made the
>scanner buff the criminal and would have precluded
>him from turning his information over to the police.

In the local paper this morning, there was an article about a woman who was arrested for marijuana possession as a result of cordless phone monitoring by a police department. The unusual twist is that she was on a *corded* phone and the *other end* was a 49MHz cordless phone. The person with the cordless phone was not arrested (as least as of the story's writing).

While I have no sympathy for drug dealers/users who use cordless phones and get caught, this is a bit of a gray area. Should cordless phones give some sort of warning for corded phone users on the other end, sort of like the 'beep' given by (legal) phone recording devices? If I want a conversation kept private, should I have to ask every time if the other end is on a cordless phone?

As a scanner user, I'm quite aware that when I use my cordless phone, I'm effectively broadcasting my phone conversation to the local area. I had never quite considered that the same thing happens (at the other end) whenever I call someone else with a cordless phone.

Should the law/rules of evidence be changed so that the phone conversation can be used only against the cordless phone's user? A corded phone user has a reasonable expectation of privacy, but the cordless phone user doesn't (if it's got an antenna, it ain't private).

I believe as a private citizen, I have the right to monitor any radio waves that pass by - it's up to the transmitter to do any required encryption to prevent monitoring. However, it's a little less clear when the state is doing the monitoring.

As a side note, the police department involved now has a policy where the chief must approve monitoring beforehand. Other police departments interviewed say they do not use scanners for law enforcement action.

--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

3738. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-12 17:09:50 UTC
From: mhm@austin.ibm.com
Message-ID: <CxKL0F.4Ap6@austin.ibm.com>
Source record: 267413

bill nelson wrote in article <1994Oct12.061154.7471@hpcvaac.cv.hp.com> :
|>
|>dwhite@shadow.net (Don Whiteside) writes:
|>:
|>: In article <crispCxH5wr.AJD@netcom.com>, <crisp@netcom.com> writes:
|>: > A second idea is to wear a hidden tape recorder and tape the entire
|>: > transaction, and play the game as outlined above. When he tries the
|>: > inevitable BS that we all expect tell him that you have taped the
|>: > entire conversation and that your next stop is the local DA's office.
|>:
|>: And then when you go the the DA, play the tape and get arrested for
|>: wiretapping, you will have a cellular phone to use while Bruno is
|>: boofing you in your cell.
|>
|>Bull. You are not tapping anything. There is no law against wearing a
|>"wire", and recording your conversations - even if the other person is
|>unaware. Of course, this does not apply to police who are gathering
|>evidence - stricter rules apply.

True as long as you are not taping from a telephone.

Michael H. Moran | Standard Disclaimer: The content of
mhm@austin.ibm.com | this posting is independent of
Commercial Performance | official IBM position.
IBM Corporation, Austin, Texas |

3739. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-12 17:16:11 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <37h5kr$koq@mozo.cc.purdue.edu>
Source record: 267310
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <db0_9410080746@wmeonlin.sacbbx.com> Larry.Sabo@highsierra.wmeonlin.sacbbx.com (Larry Sabo) writes:
>DW+>A fairly simple question... I hope. I am on the verge of purchasing an RS
> +>all-band antenna for use with my BC200xlt scanner (this after deciding
> +>that constructing my own antenna might drive me insane) and now I am faced
> +>with the decision as to which type of coaxial cable to use. Basically, I
> +>will only be running a maximum of 10-14 feet of cable. I have seen a lot
> +>of RG-58 and RG-59, but have also heard that RG-6 is superior. Any (semi-)
> +>definitive answers out there?
>
>Hi Dave,
>
>Use RG-6, it is the best for the money by far.

If you're going for large-diameter cable, you may as well get the right impedance match and get RG-8. RG-6 is 75-ohm cable and is primarily used for CATV. The best 50-ohm cable short of getting hardline is Belden 9913 - this is used for ham radio applications. There are a few different versions of RG-8, with different shielding, etc. - I believe one of them is equivalent in quality to RG-6 but the correct (50 ohm) impedance.

Since your cable run is only 10-15ft, the flexibility, smaller diameter, and lower cost of RG-58 will more than likely offset its higher loss. Even for transmitting applications, the difference between RG-8 and RG-58 only becomes noticeable at longer lenghts.

Impedance differences are not as critical for receive-only applications, but may be comparable to the difference between using RG-8 and RG-58.

On a side note, I don't see the difference between alt.r.s. and rec.r.s. that an earlier poster did. I read r.r.s. first and I only see a handful of topics in a.r.s. not already covered. I definitely don't see the "hacker" tilt on a.r.s. Since r.r.s. is the preferred and more heavily used group, note the follow-up setting.

--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

3740. Re: "Negative Pulse" Nicad Charger (Mfg. Source ??)

Newsgroup: rec.radio.scanner
Date: 1994-10-12 18:31:21 UTC
From: schuster@panix.com
Message-ID: <37ha1p$ls6@panix3.panix.com>
Source record: 267317
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.amateur.equipment

In article <37h45a$mg4@gw.pacbell.com>, <jcscott@pacbell.com> wrote:
>
>I am looking for a general purpose nicad battery charger that uses the
>"negative pulse" concept to recondition and properly charge nicad batteries.
>Does anyone know of such a device? I have seen nicad battery
>reconditioner/charges but most of these seem to first discharge and then fully
>charge a nicad. Maybe one of these will do just as good a job?

Advance Tech in Florida makes/distributes 6 and 7.2V chargers for cellular
phones, which use the negative pulse method. Don't have their address
here, but Hello Direct (1-800-444-3556) sells them.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3741. How many Birdies??

Newsgroup: rec.radio.scanner
Date: 1994-10-12 18:57:57 UTC
From: ccartee@regal.cisco.com
Message-ID: <CCARTEE.94Oct12115757@regal.cisco.com>
Source record: 267411

I am new to scanning and just recently purchased a BearCat 2500XLT.
In the manual they list all of the birdie frequencies. The list
'looks' rather large, but when I consider the range of the scanner, it
is a small fraction of the possible reception frequencies. My
question is how many birdies do some of the other popular scanners on
the net have? How does the conversion scheme (double/triple) affect
birdies? Are portable units more likely to have more birdies?

--

Claude Alan Cartee "I have neither the time nor the inclination to explain
1525 O'Brien Drive myself to a man who rises and sleeps under the blanket
Menlo Park, CA 94025 of the very freedom I provide...
ccartee@cisco.com ... and then questions the manner in which I provide it"
415 688-7801 -Col Nathan R. Jessep

3742. Re: Cordless Phone Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-12 19:51:01 UTC
From: tharrell@nmsu.edu
Message-ID: <37hen5$gc1@dns1.NMSU.Edu>
Source record: 267412

Robert E. Edmunds (az342@FreeNet.Carleton.CA) wrote:
: 1- 46.610
: 2- 46.630
: 3- 46.670
: 4- 46.710
: 5- 46.730
: 6- 46.770
: 7- 46.810
: 8- 46.830
: 9- 46.870
: 10- 46.910

I think 7-10 should be:
7- 46.83
8- 46.87
9- 46.93
10- 46.97
--
--
| T.J. Harrell III http://rever.nmsu.edu ~weasel weasel@acca.nmsu.edu |
| NRA KC5??? Beware of geeks bearing .gifs... |
--

3743. 900 Mhz Cordless Phone Ev

Newsgroup: rec.radio.scanner
Date: 1994-10-12 20:36:00 UTC
From: Louis.Gantz@f239.n109.z1.fidonet.org
Message-ID: <f4b_9410122323@blkcat.fidonet.org>
Source record: 267294

TO: DSREKCC@PRISM.GATECH.EDU

* Quoting Dsrekcc@prism.gatech.edu to All * msg date 10-11-94 11:41 *

D">
D">Sorry if this is a duplicate post; the first one went to net.oblivion
D">...
D">
D">About a month ago I put out a call on the net for your comments and
D">experiences with 900 MHz cordless phones. The following is what I
D">finally distilled out of those responses. Note that these are

<Stuff deleted>

D"> Talk
D">Handset MODEL #R SS Sound Quality Range (ft) Duration
D">Size ---------------- -- --- --------------- ---------- --------
D">--------- AT&T 9100/9120 5 Yes hissy, tinny "Good"
D">Wide BEL 900 1 No crystal clear "1 block"
D">Escort 9000/9020 4 Yes good, crappy 2.0 hrs
D">Panas. 9000/9220 6 No excellent "few 100" 0.5 hrs Flip
D">Sony SPP-ER1 1 No Big
D">Tropez 900 DL/DX 15 No* noisy, artifacts 300-1000 1.5 hrs
D">Difficult Uniden 9100/9200 13 Yes good but echo 500
D">Good

<more stuff deleted>

To add to above, I have a Cobra Intenna 900. It uses Spread Spectrum,
has 100 channels, sound quality is generally good, but could be a bit
louder, range is about 1000 ft., the handset's duration is unknown at
this time and the handset itself feels like you're holding a block.

Louis * INTERNET: bbsmeister@aol.com * VYUC18A@prodigy.com
Bowie, Md. USA * louis.gantz@f239.n109.z1.fidonet.org * RIME ->2

***
...CMPQwk 1.42-09 #9059
...Two things I hate: People that can't count.

Fidonet: Louis Gantz 1:109/239
Internet: Louis.Gantz@f239.n109.z1.fidonet.org

3744. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-12 20:37:03 UTC
From: dmunroe@vcd.hp.com
Message-ID: <CxKuLr.6vt@vcd.hp.com>
Source record: 267415

Mark D. Conner <mconner@rain.atms.purdue.edu> wrote:

>In the local paper this morning, there was an article about a woman
>who was arrested for marijuana possession as a result of cordless
>phone monitoring by a police department. The unusual twist is that
>she was on a *corded* phone and the *other end* was a 49MHz cordless
>phone. The person with the cordless phone was not arrested (as least
>as of the story's writing).

What's equally interesting is why they were monitoring the cordless
phone at all then. I also wonder how they tracked down the person
who was on the cord phone. In fairness, though, both parties could've
been suspects for some other reason and the locations known beforehand.

>I had never quite considered that the same thing happens (at the other
>end) whenever I call someone else with a cordless phone.

Cordless and cellular is so popular these days that I automatcally assume
that the other party has one and that whatever's being said is also being
received by others. I got a call once from a friend who proudly announced
she was calling from her bathtub. After confirming she was using a cordless
phone, I told her that everything she's saying is most likely being monitored.
She really didn't believe me.

Sometimes when I'm talking on my cell phone I'll deliberately say outrageous
things or somehow acknowledge the scanner audience. Hey, I might even have a
fan club. :-)

>I believe as a private citizen, I have the right to monitor any radio
>waves that pass by - it's up to the transmitter to do any required
>encryption to prevent monitoring.

Yep.

-Dave

3745. Needed: PRO 44 Mods

Newsgroup: rec.radio.scanner
Date: 1994-10-12 20:44:09 UTC
From: jason.powers@sdrc.com
Message-ID: <37hhqp$noo@info1.sdrc.com>
Source record: 267414

Does anyone know if there are modifications that can be done to the RS PRO 44?
If so please E-mail me

Thanks in advance
Jason

3746. Re: Cancer rate among hams.

Newsgroup: rec.radio.scanner
Date: 1994-10-12 22:00:04 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.135.001000C9@chevron.com>
Source record: 267248
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

A friend of mine said he doesn't believe those who say RF energy is harmful.
"RF exposure will make you live forever - just listen to 80 meters!"

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

3747. Re: How many Birdies??

Newsgroup: rec.radio.scanner
Date: 1994-10-12 22:15:58 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CxKz6M.M80@nntpa.cb.att.com>
Source record: 267250
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <CCARTEE.94Oct12115757@regal.cisco.com>,
Claude Alan Cartee <ccartee@regal.cisco.com> wrote:

> ... How does the conversion scheme (double/triple) affect
>birdies? .....

One source of "fixed" birdies is the crystal controlled oscillators
used in multiconversion receivers. For example the Radio Shack
PRO-2006 has crystal controlled local oscillators at 37.8 (for WFM)
and 48.045 MHz (for NFM and AM). Also, there's a 12 MHz clock
for the CPU and a 10 MHz oscillator used for the synthesizer's
reference oscillator.

It's not difficult to imagine that you can hear the harmonics
of these oscillators, and the sums and differences of integer
multiples of one or more oscillators (e.g., N*X + M*Y and
N*X - M*Y) if they are not well shielded or the signals leak
through the mixers.

The fixed oscillators can mix with other signals inside the
receiver, like the tuneable local oscillator signal
or its harmonics, the CPU clock crystal, or even the crystal
controlled reference oscillator used in the synthesizer.

Another source of birdies, never documented in the specs,
is an unstable amplifier stage going into oscillation.
That causes what I term "drifting birdies" or growling noises
which are generated within a receiver and seem to float up and down
a band.

There are 91 fixed birdies listed in the new PRO-2035 owner's manual.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

3748. Re: Cordless Phone Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-13 00:18:06 UTC
From: rout0003@stingray
Message-ID: <CxL4rx.5Bx@news.cis.umn.edu>
Source record: 267286

John A. Perry (perry@jpunix.com) wrote:

: >My God! Is this a joke? a US Ham but have no idea where cordless
: >freqs are? I am ashame for you.

: Have you considered trying to be informative and helpful rather
: than flame someone for a simple question?

I think he actually did think it was a joke. From past experience,
banning a frequency range to scan just draws more attention to the
frequencies and there is more of an increase in monitoring, rather
than the intended decrease. I could see how someone would have thougth
this post was tougue-and-cheek. Anyways, hope this helps you out.

- Andy R.

tel.cordless
==
CORDLESS TELEPHONE
==

Channel Base Handset

1 46.610 49.670
2 B 46.630 49.845 Chs A - E handset
3 C 46.670 49.860 frequencies are also
4 46.710 49.770 used for baby room
5 D 46.730 49.875 monitors and low power
6 A 46.770 49.830 handie-talkies
7 E 46.830 49.890
8 46.870 49.930
9 46.930 49.990
10 46.970 49.970

Panasonic KX-T9000 base 902.100-903.870 { 60 channels
handset 926.100-927.870 { 30 kHz spacing

VTech Tropez 900DX base 905.600-907.500 { 20 channels
(digital) handset 925.500-927.400 {100 kHz spacing

AT&T #9120 902.0-905.0 / 925.0-928.0 }
OTRON CORP. #CP-1000 902.1-903.9 / 926.1-927.9 } unconfirmed
SAMSUNG #SP-R912 903.0 / 927.0 }

- writer unknown

==

3749. Never in Palo Alto

Newsgroup: rec.radio.scanner
Date: 1994-10-13 00:37:00 UTC
From: fd@wwa.com
Message-ID: <37hvfc$dm9@sashimi.wwa.com>
Source record: 267239
Cross-posted to: alt.2600,alt.radio.scanner,rec.radio.scanner,chi.media,chi.general,misc.legal

[my press release about cordless phone snooping being outlawed]

From: Palo Alto Weekly <paweekly@netcom.com>
Subject: Re: your mail
To: Glen Roberts <glr@rci.ripco.com>

Please remove us from your distribution list. The Palo Alto Weekly is a
strictly local newspaper covering Palo Alto, Calif., and surrounding towns
only. Thank you.

--
Palo Alto Weekly - 703 High Street, Palo Alto, CA 94301 - 415-326-8210
Our Home Page URL: http://www.service.com/PAW/home.html

From: glr@rci.ripco.com (Glen Roberts)
To: Glen Roberts <glr@rci.ripco.com>, Palo Alto Weekly <netcom.com!paweekly>
Subject: Re: your mail

You're removed... and I trust non of the 12 million people with scanners
that can listen to cordless phone calls live on Palo Alto... I'm sure
non of them want to know that such listening is a federal offense now,
and I'm even more sure that no residents of Palo Alto use cordless phones,
so none of them are at risk to having their privacy invaded, credit card
or bank account numbers lifted... I'm sure Palo Alto is not like it is
here, where every 3rd person has a cordless phone, unknownly pumping
their private affairs onto the airwaves for all to peep in on...

I'm sorry to have wasted your email time with that blurb...

Glen L. Roberts

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
KEVIN MITNICK DISGUISE KIT: From your fax: (708) 356-9646 doc #903
email for uuencoded .TIF of T-Shirt Honoring the FBI

3750. insecure voice mail was Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-13 00:39:19 UTC
From: crisp@netcom.com
Message-ID: <crispCxL5tJ.36q@netcom.com>
Source record: 267295

In article <37h4nq$kcc@mozo.cc.purdue.edu> mconner@rain.atms.purdue.edu (Mark D. Conner) writes:
>
>In the local paper this morning, there was an article about a woman
>who was arrested for marijuana possession as a result of cordless
>phone monitoring by a police department. The unusual twist is that
>she was on a *corded* phone and the *other end* was a 49MHz cordless
>phone. The person with the cordless phone was not arrested (as least
>as of the story's writing).
>
>While I have no sympathy for drug dealers/users who use cordless phones
>and get caught, this is a bit of a gray area. Should cordless phones
>give some sort of warning for corded phone users on the other end,
>sort of like the 'beep' given by (legal) phone recording devices? If
>I want a conversation kept private, should I have to ask every time if
>the other end is on a cordless phone?

The problem even goes beyond that. Many people leave rather detailed voice mail in my industry. Often this is filled with all sorts of information that could be damaging in the wrong hands. Things like deals, competitive information etc.

many times people check their voice mail with cellular or cordless phones. You may want to keep this in mind when you leave voice mail in the future.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3751. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-13 00:43:35 UTC
From: crisp@netcom.com
Message-ID: <crispCxL60o.4Mn@netcom.com>
Source record: 267296

In article <37eg4l$dg1@tadpole.fc.hp.com> kws@fc.hp.com (Karl Schultz) writes:
>Couldn't this problem be solved simply by passing a law that
>required cordless phone manufacturers to CLEARLY and PLAINLY
>print warnings on their packages stating that the phone could
>be monitored? I don't own such a phone, but a quick look at
>the packages in a store didn't reveal any obvious warning
>signs.
>
>The cordless phone manufacturers could lose some sales this way,
>but it seems to me that the item causing the problem are the
>phones and not the scanners.

the problem is you would accelerate the market demand for crypto phones,
something the FEDs and the local keystone cops really do not want to
see happening. I tis far better from their parochial perspective to
pass laws whihc inhibit your ability to enjoy a hobby to buy a bit
of futile time than it is to permit everyone to be hammered with the
facts that unprotected radio conmmunications are vulnerable.

Remember that you have no organization like the NRA to protect your
interests, hence it should not be a surprise to see how fast the
liberty grabbing Clinton Administration is moving in this area.

Remember this when you Vote in November. You are planning on voting
aren't you?

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3752. DDI Box Principle

Newsgroup: rec.radio.scanner
Date: 1994-10-13 00:47:32 UTC
From: starin@netcom.com
Message-ID: <starinCxL678.2uy@netcom.com>
Source record: 267297

I'm wondering if anyone out there in radioland can enlighten me as to how a DDI Box works. The device is intriquing, and although I do not intend to go out and spend $400 for one, I'd love to know the principle behind its operation.

Any help appreciated.

Jeffrey
{New York}
--
Jeffrey
{New York}

3753. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-13 01:02:35 UTC
From: phil reed <p01613@psilink.com>
Message-ID: <2991085254.14.p01613@psilink.com>
Source record: 267281
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

```
>
>I'm not trying to start anything, simply looking for clarification. Why would
>it be illegal to transmit infrared laser? I wasn't aware there were any
>regulations on transmitting light of any frequency/pulse duration or
>coherency. Am I simply misinformed? Or are there other laws in effect here?

Sure! Obstruction of justice, interference with a police officer...

I don't claim that using a laser jammer results in a violation of those
laws, but I'm sure a cop might someday, at which point it is up to the
judge. Good luck.

>
>I'll sit back and listen now...
>
>-- Dave
>finster@fasttax.com
>

...phil
```

3754. Re: pro43 vs bearcat 200xlt

Newsgroup: rec.radio.scanner
Date: 1994-10-13 01:37:23 UTC
From: John Harr <harrj@delphi.com>
Message-ID: <BS03Jhj.harrj@delphi.com>
Source record: 267249

I own both the PRO-43 and the BC200xlt. The PRO-43 is by far the better of the two. The PRO-43 is faster, smaller, easier to use, has less intermod, better technical support through the Shack's parts and service manual availabity, and the PRO-43 uses regular batteries (Nicad or alkaline) whereas the BC200
uses a custom battery pack. If it goes while your out or on vacation you're stuck until you can get a new one, and they're expensive! Spend the extra and get a PRO-43!!
John

3755. Icom R-7100 Delay

Newsgroup: rec.radio.scanner
Date: 1994-10-13 01:40:05 UTC
From: gz38s69@sycom.mi.org
Message-ID: <gz38s69.a8j4@sycom.mi.org>
Source record: 267130

If anyone knows of a way to eliminate the 2 second delay after the signal drops to resume scanning under computer control, please let us know!

This is becoming very agrivating when I want to skip a hit and I still have to wait!

Please post or mail me!

Thanks!!

Greg

3756. Re: Radio Politics

Newsgroup: rec.radio.scanner
Date: 1994-10-13 02:16:05 UTC
From: wwhitby@aol.com
Message-ID: <37i595$s33@newsbf01.news.aol.com>
Source record: 267290

It is only a matter of time before a police chief or their union lobbiests start complaining to congress about people listening to their communications. Then we will lose another HUGE chunk of our hobby. Our rights are under attack on many fronts. Stand up. Make your vote count. This may be the last chance to defend our rights. If you don't take the time to vote in the election coming up, keep quiet - I don't want to read the whining of people who throw away the chance they have to make a difference and complain when congress and the president strips them of another one of our liberties.

Make your vote count!!

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

3757. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-13 02:38:49 UTC
From: g9153402@huey.csun.edu
Message-ID: <37i6jp$si3@nic-nac.CSU.net>
Source record: 267282
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

Ken Navarre (kjn@netcom.com) wrote:
> provided by the ECPA (Extremely Crappy Privacy Arrangement).
> --
> Ken Navarre

Thanks. I wondered what that stood for.

3758. Pro 2020

Newsgroup: rec.radio.scanner
Date: 1994-10-13 02:40:52 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <CxLBG4.9zu@freenet.carleton.ca>
Source record: 267252

I've recently acquired a Realistic Pro 2020 scanner (a rather older base model scanner with 20 channels).

I was wondering if there was any info (mod's , neat tricks, trap-doors, etc.) that might be handy from anyone.

THANX
Rob.

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

3759. Re: Help on Pro2006 Cellular Restoration

Newsgroup: rec.radio.scanner
Date: 1994-10-13 03:02:31 UTC
From: g9153402@huey.csun.edu
Message-ID: <37i807$si3@nic-nac.CSU.net>
Source record: 267292

Tim Bohr (tbohr1@ed8751.pto.ford.com) wrote:
> Hello all:

> A friend of mine recently modded his Pro2006 (its a few yrs old) for cellular.
> The step size in the cell range doesn't seem to be the proper 30Khz.
> I believe I read it here before that one must press the RESET button to
> get the proper step size in that range.
> Can someone confirm this for me?

It should. On my 2006, it automatically goes to 30 khz spacing in that
869 - 894 mhz range. Pressing reset will change it to that, or to the
scanner's default scanning spacing/modes for the frequency range you're
in, if you changed it. If all else fails, press the 'step' button,
until you get the proper spacing in the range you're im.

> This will also, I assume, clear all
> the channels that are programmed.

Nope. Not true. Just pressing the reset button in front, won't clear
all your memories. If that was true, that would be a poor design flaw
of the unit. I probably press that button accidentally every time
I use it. People would be wiping out their scanner's memory every
time they use it. I'm not sure of the exact command to clear everything,
since I've never used it. I would have to check the manual, but I
think it involves pushing a couple of buttons in front, while
depressing something in the back of the scanner too. Hardly something
that would be done by accident. But I did lose my memories once, which
was caused by my 9 volt battery inside somehow coming loose. What a
pain to put all my frequencies back in.

3760. Need some info on the AR1500 ...

Newsgroup: rec.radio.scanner
Date: 1994-10-13 03:16:51 UTC
From: Tim <tmfreeman@delphi.com>
Message-ID: <J4wWRpr.tmfreeman@delphi.com>
Source record: 267283

Hellllo ...

I want to know more about the AR1500 ...

Who out there owns one that can tell me about the price, coverage, quality, etc..
What about this "huge" "complete" range? Does it have to be modified to get the ".5Mhz to 1300Mhz range?

Thanks,
-Tim...

for informational purposes, of course

3761. Off-topic postings

Newsgroup: rec.radio.scanner
Date: 1994-10-13 03:45:11 UTC
From: gdallal@world.std.com
Message-ID: <CxLEFB.3o1@world.std.com>
Source record: 267299

I know how to use a kill file, I know how to skip over news items that I don't wish to read, and, as I rule, I don't get involved in discussions of off-topic posts because it only encourages them. But a real problem has developed: off-topic posts are distracting us from keeping our eyes on the prize--the prevention and removal of any restrictions on the right to monitor over-the-air transmissions.

The reasons behind restrictions on monitoring may be of academic or general interest but in rec.radio.scanner they should be incidental. In rec.radio.scanner, arguments about whether restrictions arise from pro or anti bias toward liberals, conservatives, elected officials, or the right to bear arms are distractions. Restrictions should be anathema regardless of what motivated them. A conspiracy theorist might suggest that these distractions were introduced just to paralize a group of individuals who might otherwise be highly effective in fighting monitoring restrictions.

If I understand the content of many recent posts, the House and Senate have passed a crime bill making it illegal to listen to cordless phones nationwide. Why were we not united against this? I recall a series of posts about a bill that began "knowningly and with intent to defraud", but *nothing* about a bill that would put a blanket prohibition on listening to frequencies used by cordless phones.

There is much we could have done with some warning. Not all elected officials are morally bankrupt. Many merely need to be educated so that they are not blindsided by unscrupulous colleagues. It takes only one or two to introduce a provision in such a way that others are likely to overlook it. I wish I'd known what was going on. My congressman is someone I have confidence in and with whom I would have discussed the issue.

Obviously, the group will have its way and people will discuss and argue about whatever they want to, but I hope that we don't go so far off topic that we forget what is on topic.

3762. Re: Never in Palo Alto

Newsgroup: rec.radio.scanner
Date: 1994-10-13 03:49:21 UTC
From: gdallal@world.std.com
Message-ID: <CxLEMA.4JA@world.std.com>
Source record: 267246
Cross-posted to: alt.2600,alt.radio.scanner,rec.radio.scanner,chi.media,chi.general,misc.legal

Glen L. Roberts (fd@wwa.com) wrote:
: [my press release about cordless phone snooping being outlawed]

: From: Palo Alto Weekly <paweekly@netcom.com>
: Subject: Re: your mail
: To: Glen Roberts <glr@rci.ripco.com>

: Please remove us from your distribution list. The Palo Alto Weekly is a
: strictly local newspaper covering Palo Alto, Calif., and surrounding towns
: only. Thank you.

I'm confused at your reaction. Listening to cordless phones is already
illegal in CA, so their response is not unreasonable.

3763. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-13 03:55:19 UTC
From: jnormandin@umassd.edu
Message-ID: <CxLEwF.DM8@umassd.edu>
Source record: 267293
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <1994Oct10.120820.26484@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <1994Oct10.075613.7018@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>>jnormandin@umassd.edu (JERRY NORMANDIN) writes:
>>
>>: I suggest you read up on bio physics!
>>: all matter, including our cell structure is bipolar.
>>
>>What does this mean?
>
>It means cells are affected by electric fields, same way a bar magnet
>will align with an external magnetic field. It's the principle behind
>electrophoresis. During cell division, while the nucleus is splitting,
>the cell is particularly vulnerable to electric fields. As far as I
>know, magnetic fields aren't implicated in this at all.
>
>>: that's why gravity has an effect on our body
>
>Of course this is nonsense.
>
>>: It's been found that if the magnetic field gets stimulated
>>: while our cells divide.... well the DNA code can get mangled
>>: the cell forms a mass.. it forgets to die after it split 50 times
>>
>>What magnetic field? Is there a counter in each cell that tells it
>>how many times it divides? I understood was that the DNA caused it
>>to split frequently, instead of at the normal rate.
>
>Apparently there *is* a form of counter in the cell. Cell death is
>programned in, otherwise we'd all live forever. What exactly that
>mechanism is, is still under intense research. We do know that
>cancer cells don't have it, and so proliferate indefinitely. Some
>cancer tissues have been kept alive in vitro for decades with no
>signs of aging.
>
>>: I don't know about you but I wouldn't want a 250Watt RADAR sitting on my lap
>>: and yep that's how some cops used it for speed!
>>
>>How did they do this? All the ones I have seen had the transmitter in the
>>head - which was aimed at the automobile. Kind of hard to do that if you
>>are holding it in your lap. The readout unit may have been held in their
>>laps, however - and they may have contained a high voltage power supply.

>
>Well, obviously, the handheld radar guns used by police are *not* 250 watts.
>They are in fact in the range of 10 *milliwatts* to 25 *milliwatts*.
>However, cops are in the habit of resting the guns in their laps when they
>aren't actively clocking a vehicle, and they *don't turn them off* for the
>entire shift. So they get a good near field dose to the testicles. Testicular
>cancer rates are higher among police who do traffic patrol. Figure what the
>power density is right at the mouth of a 17 db standard horn and you'll see
>the levels they are getting are above ANSI limits. This is also why you should
>never look into the antenna of a microwave transmitter, no matter if it is
>very low power. The ERP can still be above safety limits at very close range.
>
>Gary
>--
>Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
>534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
>Lawrenceville, GA 30244 | |
SO YOU BACK ME UP ON THE DANGER OF CELL F L I P PHONES!!

ALSO I thought the radar used in metropolitan areas were at least 25 WATT.

Also check out the weak field theory. I believe gravity is caused by this.

3764. Re: WANTED: Seattle/King Cnty FREQS

Newsgroup: rec.radio.scanner
Date: 1994-10-13 03:58:30 UTC
From: tllong@eskimo.com
Message-ID: <CxLF1J.LAB@eskimo.com>
Source record: 267298

In article <37fb4b$dch@explorer.csc.com>, lambrose@csc.com (Laren Ambrose) says:
>
>Jeff Jacobson (jjacobs@uswnvg.com) wrote:
>: Does anyone have Seattle and/or King County Police
>: freqs they could mail me?
>
>: Thanks!
>
>: [=-=-=-

> Federal Way - Midway 153.95
> Burien - White Center 154.415
> Bellevue 154.40
> Federal Way AUX 154.22
> Mutual Fire Aid Net 154.28
>
>I have other King, Pierce and Snohomish county frequencies. Some of the
>KCPD VHF frequencies are being phase out / or have been. Not sure how
>old my list is.
>
>Laren Ambrose
>Computer Sciences Corp.
>Contract to the: FAA
>Airports Division, Seattle
>(or) lambrose@connected.com
>(or) lambrose@hq.faa.gov
>** My comments are from me, not the FAA or CSC **
>
The frequency shown for KCPD southwest dispatch is incorrect. It is 460.400
This is what I have for KCPD:
460.325 north
460.225 east
460.450 southeast
460.400 southwest
460.200 county/aux dispatch
460.500 tac
460.275 data
154.965 marine patrol
460.525 command

3765. Re: Help on Pro2006 Cellular Restoration

Newsgroup: rec.radio.scanner
Date: 1994-10-13 04:02:06 UTC
From: DPalmer@ix.netcom.com
Message-ID: <37ibfu$2v5@ixnews1.ix.netcom.com>
Source record: 267301

In <37gptb$q46@ef2007.efhd.ford.com> tbohr1@ed8751.pto.ford.com (Tim Bohr) writes:

>
>Hello all:
>
>A friend of mine recently modded his Pro2006 (its a few yrs old) for cellular.
>The step size in the cell range doesn't seem to be the proper 30Khz.
>I believe I read it here before that one must press the RESET button to
>get the proper step size in that range.
>
>
>Can someone confirm this for me?
>
>
> This will also, I assume, clear all
>the channels that are programmed.

The RESET button on the front of the scanner resets the spacing (30KHz)
and mode to factory defaults. The RESTART button on the back erases
the memories, should only need this if the CPU locks up on you.
--
____
David Palmer DPalmer@ix.netcom.com
Who Stole My Screwdrivers?

3766. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-13 06:07:34 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <782028454snz@microvst.demon.co.uk>
Source record: 267305
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <37fc5i$sb0@news.it.gvsu.edu>
hutchine@river.it.gvsu.edu "E.Hutchinson-N8XHP" writes:

> Well Dave...I just recieved a brochure from K-40 electronics division
> and they have come out with a little device that is retrofitted in a
> license plate...they say if you get a ticket by laser then they will
> send you a check for DOUBLE the amount...they also state that it is
> 100% legal in all 50 states...and sugg. retail price is $199.99, kinda
> sounds neat-o to get on and figure out how it does it...

With K-40 pay the medical expenses for you, and those around you?

--
Tony, G3SKR & AA2PM

3767. BearCat 210

Newsgroup: rec.radio.scanner
Date: 1994-10-13 06:16:00 UTC
From: cb91s124@sycom.mi.org
Message-ID: <cb91s124.a8nk@sycom.mi.org>
Source record: 267253

Hi, I've asked for several mods while on this base, and I was wondering for my father if there is a mod. for the BearCat 210? This mod would be for upgrading it so it can receive the higher freqs. that the new models can get. My dad doesn't want to pay several hundred dollars for a new scanner when his works perfectly fine. Well dig into the vaults and see what you come up with any suggestions would be appreciated. If there is a diode or a chip or anything that can be replace or added. Also if added so the scanner can get Cell Phone freqs.

Thanks Corey

3768. RS-2021 for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-13 06:16:54 UTC
From: wbishop@netcom.com
Message-ID: <wbishopCxLLG6.8JK@netcom.com>
Source record: 267256
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

A friend of mine has an RS-2021 for sale. He's asking $195 or best offer. Since he doesnt have net access, Im posting this for him. He says its in good shape and judging from the AOR 1000 I bought from him, I think he's honest. Please respond by to wbishop@ix.netcom.com. Ill relay the offers to him and he'll make the final call. Thanks.

3769. CCR708A Hacking

Newsgroup: rec.radio.scanner
Date: 1994-10-13 06:23:01 UTC
From: stone@apple.com
Message-ID: <stone-121094232345@stone.atg.apple.com>
Source record: 267304

Oh hi,

Well I got the service manual for the thing and here how far I got....

I got the thing to accept entries from 25 thru 1300 mhz, by grounding pin 3 on the empty connector on the main motherboard, but it didn't receive anything outside of the stock range. I discovered that when freqs. are entered outside of the "stock" range it would kill the first IF stage. Removed two diodes (they are right beside pins one and two of the empty connector) to fix that, but still doesn't receive. The unit has four band stages for the first IF, and depending on what freq. range your in, it selects a band. For example 50-99 mhz would be band 1. When I select 49.999 mhz it goes and selects band 3 which is a very bad thing for it to do. The band selectors come straight from the processor, thus I figure the must be some key sequence required for making it keep the proper band selected when entering freqs outside of the stock range.

so close....

-Glen

3770. Re: RF Spectrum Analyzers: info req

Newsgroup: rec.radio.scanner
Date: 1994-10-13 06:44:02 UTC
From: rotnapple@aol.com
Message-ID: <37ikvi$3qf@newsbf01.news.aol.com>
Source record: 267254

In article <1994Oct6.103455.8891@ivax>, jlbowman@indyvax.iupui.edu writes:

Spectrum Analyzers.....

I seem to remember a company that made a portable unit with a freq span of
1-1000mhz the price was around $1000.

I'll see if I still can fing the info on it or maybe somebody will post.

Greg

3771. Re: faxes from immarsat

Newsgroup: rec.radio.scanner
Date: 1994-10-13 06:55:54 UTC
From: jdow@BIX.com
Message-ID: <jdow.782031354@BIX.com>
Source record: 267300

t9456079@minyos.xx.rmit.EDU.AU (John Elliot) writes:

>Does anybody out there scan the frequencies of IMMARSAT ?.
>I have heard rumours of programmes around to copy faxes from the satellites
>but as yet have not seen one. Where HF faxes are a broadcast to all, the
>satellite faxes are to a particular machine and therein lies the challenge.

Inmarsat-A is an analog system. You'd receive FAX from it the same way you'd
"phone tap" a fax off a telephone line.

You ain't gonna do that with Inmarsat-M or Inmarsat-B as they are scrambled
digital protocols which require a non-trivial receiver.
{^_^} Joanne Dow, Editor Amiga Exchange, BIX
jdow@bix.com

3772. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-13 06:58:47 UTC
From: orion1@iastate.edu
Message-ID: <orion1.782031527@pv7b85.vincent.iastate.edu>
Source record: 267302
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

(bunch of interesting but very speculative comentary deleted)

OK.

1. Most radars in patrol cars are permanently mounted. More so than handheld models. For instance the Iowa State Patrol has both a forward and rear mounted antenna. In the patrol car I drive in NW Iowa, our antenna is mounted on a rotating mount so it swings around, and works just as well as a handheld.

2. Officers place the antenna between their legs, because the are bored and not thinking. The passenger side floor is the best place for it. An officer does not want to have to many obstructions if he needs to get out of the car(or at least try to get out of the car.) I also agree some officers do eat to much junk(donuts) and that is why many die because they were to unhealthy.

3. Laser was invented for the patrol because of two reasons. First, it is tougher to detect because it diffuses very fast and doesn't carry the signature that sets many K or X radar detectors off. Second, it gives a much stronger signal as compared to K or X. With old radar it is very tough to get small vehicles on radar, unless they go very fast.

4. A new brand of Canadian radar now comes with a detector that hunts out jammers. It is available in the U.S. and it does detect laser radar jammers(I have only seen ads). There are also detectors that detect these detectors. Be advised that if you are caught with a jammer not only do you face a stiff state fine but you may be prosectuted under the federal code which is 5 yrs. and $10k. In Iowa it is a simple misdemeanor(30 days and/or $150 fine). I can promise if you are caught by an officer plan on getting a ticket and a possible vehicle inspection and impoundment to determine if there are any other devices in you vehicle(Yes, it is all legal).

5. Do not lay too much faith in all types of radar detectors. An officer does not have to show you his speed he locked you in at but it is a custom. An officer does not have to lock you in on the gun, most do but it is not required by law. If you show 71 then drop to 62, I can still give you a ticket at 71. Radar detectors only protect you because the beam did not directly hit you. It is the radiation on the beam striking various objects that gives you a signal. I will also say no one can beat the radar by slowing down. If an officer wants to stop you he will, do not think it is the radar detector warning you. If I see a radical drop in speed when I turn on the radar, I will stop that vehicle 100% of the time.

6. Police motorcycles also have permanent mounts and the handhelds have a holster on the bike. Most motor officers know better than to place the unit between their legs because it may side out and get caught on the bike or destroy the radar unit and the last thing an officer needs is to get tangled in his radar unit.

I just thought I would give some insight into the radar issue. MPH the largest manufacturer of radar was sued by an officer because of the cancer debate. It was found that there was only a microscopic chance that radar could cause cancer and that his main problem was that he was unhealthy(fat).

--
Alex Leu	"When police officers fire their
Pocahontas County and	guns, the immediate consequence
Laurens,Iowa Reserve Officer	of their decisions are realized at a
76-34	rate of 750 fps" James Fyfe

3773. CB frequencies on mobile/portables

Newsgroup: rec.radio.scanner
Date: 1994-10-13 09:02:41 UTC
From: jat741@rs740.gsfc.nasa.gov
Message-ID: <jat741.61.002F198A@rs740.gsfc.nasa.gov>
Source record: 267269

Warning: Newbie with <2 weeks lurking ahead, please flame gently...

I am looking at purchasing a scanner in the near future. After reading this group for a short while and browsing through a couple of books and catalogs, I've noticed a lack of coverage for 26-27 MHz freqs.

Are scanner enthusiasts not interested in CB chatter, and manufacturers intentionally excluding these frequencies (no demand -> no product) ? Or is it a matter of poor performance below the 29-30 MHz lower limit on most portables.

I intend to use my unit on the road, and would rather not have to purchase a separate CB unit.

Jordan

3774. Re: Pro-39 Modifications

Newsgroup: rec.radio.scanner
Date: 1994-10-13 10:39:23 UTC
From: beldar@eskimo.com
Message-ID: <CxLxHA.4ou@eskimo.com>
Source record: 267267

In article <jm39s70.a6vp@sycom.mi.org>,
Jim Mallory <jm39s70@sycom.mi.org> wrote:
>
>Hello,
>
>I used to have the post on how to mod the Pro-39 to pick up the business
>band. Could someone please repost it, I would appreciate it.
>
>
>
>--
>Jim Mallory
>Alternate Internet E-Mail Address 75230.3720@compuserve.com
>

*** Bob's Tip of the Month ***

(from Monitoring Times, January 1993, Dial 1-800-438-8155, Great Magazine!)

Realistic (R) PRO-39 Cellular Restoration (Page 107)

[with a few comments added by someone who witnessed such restoration -jqt]

The recently released PRO-39 handheld scanner from Realistic (R)
is a fine performer, but its 800 MHz range is interrupted by the
factory censoring of cellular frequency coverage. Long-time MT
supporter Larry Wiland of Youngstown, Ohio, would like to share the
simple fix. Remember, however, that it is unlawful to listen to
cellular phone calls.

(NOTE: These procedures may void your warranty. Do not attempt
them unless you are familiar with small component soldering.
Monitoring Times accepts no responsibility for damages resulting from
attempting this modification.)

TOOLS NEEDED: Fine-tipped soldering iron, desoldering wick,
small Philips screwdriver, long-nosed pliers, rosin-core solder.

(1) [Turn off your radio. Removing the batteries when the radio is ON can
erase the memory! -jqt] Remove the battery door, holder and [battery
pack] from the bottom of the radio.

(2) Remove the four screws from the back of the scanner and carefully lift
the back off.

(3) Unplug the two wiring harnesses at their connectors and remove the six
bright colored screws [that hold] the circuit board in place. Unsolder

the ground wire from the lower right corner of the circuit board. Unsolder the two wire connections from the BNC antenna connector at the board. Carefully lift the board (grasping it near the Molex connector) and set it aside.

(4) Remove the two bright colored screws from the next circuit board. Carefully unplug the two-wire connector [and remove the board, as I recall -jqt]. Unsolder and lift the rectangular metal shield exposing the diodes.

(5) Carefully unsolder and remove diode D6 only; this will restore the missing cellular frequencies which can be searched in appropriate 30 kHz steps.

This completes the cellular restoration. Reverse all procedures to reassemble the radio and test it by entering any frequency between 869-894 MHz. [If you are as lucky as I was, the memory will still contain your other frequencies! -jqt]

3775. 800 trunking tone (ssqueal) HELP!

Newsgroup: rec.radio.scanner
Date: 1994-10-13 11:50:01 UTC
From: "Fred T. Allen" <fta@delphi.com>
Message-ID: <RW0Whvp.fta@delphi.com>
Source record: 267268

I have a 2006 and the local P.D. is on 800 trunking. Is there a device or mod that will eliminate the tones after transmissions?

3776. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-13 12:03:41 UTC
From: esh6n@brain.neuro.virginia.edu
Message-ID: <CxM1I5.3zs@murdoch.acc.Virginia.EDU>
Source record: 267257
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <finster.337.2E9A1FBC@zeus.fasttax.com>,
David Finster <finster@zeus.fasttax.com> wrote:
>
>I'm not trying to start anything, simply looking for clarification. Why would
>it be illegal to transmit infrared laser? I wasn't aware there were any
>regulations on transmitting light of any frequency/pulse duration or
>coherency. Am I simply misinformed? Or are there other laws in effect here?
>
Regardless of whether it is illegal to transmit light (or whether light
is rf and comes under the FCC) any activity that INTERFERES with a
legal police activity is illegal in most jurisdictions. And no court
is going to allow a defense that relies on our rights to free speech or
that claims that this is a federal premption.

You probably have the right to transmit at any laser frequencies because
the FCC doesn't have jurisdiction at light frequencies although they
have jurisdiction over rf which light is. But you can't interfere with
the police measuring speed limits whether it's your speed or some one
else's. And most legal experts agree that the states can regulate your
rights to monitor the police radar signals. Look at Virginia where
it is illegal to have a radar detector in your car. The courts have
held that this Va law does not violate your federal rights.

=+=+=+

3777. REVIEW: 5th Edition SCANNER MASTER MASSACHUSETTS GUIDE

Newsgroup: rec.radio.scanner
Date: 1994-10-13 12:10:47 UTC
From: mc@shore.net
Message-ID: <37j847$ijp@shore.shore.net>
Source record: 267260
Cross-posted to:
rec.radio.scanner,alt.radio.scanner,rec.ham-radio,rec.radio.amateur.misc,rec.radio.shortwave,alt.books.reviews,alt.books.technical

REVIEW: SCANNER MASTER MASSACHUSETTS COMMUNICATIONS GUIDE, 5th Edition
EDITOR: Edward Soomre N1BFF Editor & Publisher: Richard Barnett KA1PYJ

A complete resource of public safety operations and one-and-two-way
communications in the Commonwealth....692 pages...ISBN 0-939430-25-8
available from SCANNERMASTER PO Box 428, Newton Highlands MA 02161.
Tel: 1-800-722-6701. Price: $29.95

The ever popular MASSACHUSETTS SCANNER MASTER has been completely
revised and the Fifth Edition, published in December 1993 is now available.
There have been many changes in the two-way communications scene in the
Bay State and the SCANNER MASTER has undergone a timely overhaul to keep
up with them. The biggest change was to the State Police - last year
state-level Metropolitan District Commission Police, Registry of Motor
Vehicle Police and Capitol Police departments were all merged into the State
Police. Since each had its own separate radio communications system this
was changed to accomodate the new, larger Massachusetts State Police. The
5th Edition features a special State Police section with 30 pages of
incredible detail on their new 800 MHz system and was written with
the assistance of most of the senior state public safety radio managers.

The SCANNER MASTER is produced for the scanner and radio hobbyist and
is an invaluable reference source for beginner and seasoned veteran alike.
Many technical matters are explained and there are photographs of major
dispatch centers, illustrations, organizational charts and plenty of maps.
Also included are profiles of several of the more important "movers-and-
shakers in Massachusetts communications. Some of the other "goodies" you
will find are complete, VERIFIED ham repeater listings from information
supplied directly by regional frequency co-ordinators, a huge new Federal
section with FBI, DEA, Customs etc, great railroad, MBTA and airport detail
and updated Notification Net information with the Metro Radio Syatem codes
and frequencies.

Probably the most innovative technology in the comunications business
is the new 800 MHz trunking system. The SCANNER MASTER has a section on how
to monitor trunking and has a complete listing of all 800 MHz trunking
business users. Other frequency guides list all trunking users at 806.10
from the FCC data. SCANNER MASTER researchers have taken considerable
time and effort to look up the SMR callsign of EACH 800 MHz user (and they
really have to dig for this!) and can accurately correlate this data to
determine which repeater is being used so the listings in this category can
be more specific and accurate. EVERY business license in the state is listed
including the new 220 MHz narrowband licensees.

The SCANNER MASTER is broken down into five major sections. The first 185 pages describe in great detail the functions, jurisdictions, equipment and radio usage of every state, county, federal and regional agency, including State Police, Mass Highways, MEMA, MWRA, Massport, MBTA, marine, Coast Guard, aviation, news media and a lot more. The Community Section provides an alphabetical listing of every community in the State along with ALL radio licensees, including PL tone code information where applicable. Information on police usage is extremely detailed - including roll-call times, codes, station/unit identifiers, maps, charts, etc. The New England Public Safety Frequency Sort includes ALL police, fire,ambulance/EMS, municipal service listed in frequency order (to assist you in identifying what you are hearing). The Business Frequency Sort section lists all non-public safety agencies in frequency order and finally, the Business Type Sort lists all businesses in the guide in alphabetical order. Unfortuntely, due to space limitations the popular fire department and community profiles sections had to be left out of the Fifth edition.

There is so much more to this book. It is an invaluable reference but, more important, it can be read like a book and is packed with a lot of good reliable information. I an fairly new to scanner monitoring but my 4th edition of the SCANNER MASTER provided me with a good foundation of knowledge. The Fifth edition contains so much more timely and up-to-date data to make the hobby more fascinating and enjoyable. I've looked at the other books available in this area and the SCANNER MASTER is THE best reference source. Anyone can get the raw F.C.C. data, but editors Soomre and Barnett have done an excellent job of explaining, clarifying and amplifying the information which is something the others have failed to do. I highly recommend this book to scanner enthusiasts in the Commonwealth.

SCANNER MASTER produces guides for other areas as well and in the next few weeks I hope to examine some of them and report my findings. But, if they are of the same caliber as the MASSACHUSETTS GUIDE I can tell you now that they're going to be great!

Michael Crestohl KH6KD/W1
mc@shore.net

3778. Raleigh, NC freqs requested

Newsgroup: rec.radio.scanner
Date: 1994-10-13 12:18:14 UTC
From: telam@bnr.ca
Message-ID: <37j8i6$4gb@bcrkh13.bnr.ca>
Source record: 267264

Would anyone please post the Police/Fire/Emergency frequencies for
Raleigh, NC.

Thanks
Tom.

3779. Re: 2006 squelch

Newsgroup: rec.radio.scanner
Date: 1994-10-13 12:56:04 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CxM3xG.3Ls@nntpa.cb.att.com>
Source record: 267272
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <39778@ursa.bear.com>,
Tony Necakov <necakov@dev2.bear.com> wrote:

>I'm happy with the 2006 except for the squelch.
>.... The 2006's squelch seems less, lets say, absolute.
> The noise and weak signals come in and cut out, back and
>forth unless I turn the squelch up very high...
>I've seen a mod for the 2006 that alters the squelch
>hysteresis. Does this address the problem I'm having? ....

If your squelch has too much hysteresis, the knob will
act something like a car's steering wheel with too much "play."

Disconnect the antenna on the PRO-2006, turn it on, and program
it to an unused frequency.

Rotate the squelch knob fully counter clockwise,
so the squelch is open and you hear all the white noise.

Slowly rotate the knob clockwise just until the squelch closes,
i.e., the noise is silenced.
Make note of this knob position (e.g., 10 o'clock position).

Slowly rotate the knob counterclockwise just until the squelch opens
and you hear the write noise.
Make note of this knob position (e.g., 10 o'clock position).

Compare the 2 knob positions. They should be different, but not
by too much. The further apart the two knob positions are, the
more hysteresis your squelch circuit has.

As a very rough rule of thumb, I prefer the two positions
to be within 1/2 - 1 hour of each other.

You do need *some* hysteresis or else the squelch will open
on popping noises and noisey, fading signals when set near
its threshhold.

last changed July 8, 1994

IMPROVE THE SQUELCH IN YOUR MONITOR RECEIVER

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in
part on CDROMS, in bulletin boards, networks, or
publications which charge for service without permission of

the author. Free distribution is encouraged.]

The squelch control in some FM monitor receivers is difficult to use because of too much hysteresis. The American Heritage Dictionary of the English Language defines hysteresis as the:

o "Failure of a property changed by an external agent to return to its original value when the cause of the change is removed."

It's like having play in a car's steering wheel, or backlash in a gear set. Too much hysteresis in a squelch circuit forces one to keep the squelch at a tighter setting, missing weaker signals when scanning or searching. The squelch hysteresis problem was first addressed in a 1984 article about the Radio Shack PRO-24 crystal controlled scanner.

Why do engineers design these circuits with any hysteresis? Basically, hysteresis prevents weak signals from "popping" the squelch open and closed rapidly, which would be very annoying to the listener. A squelch circuit with hysteresis requires a stronger signal to open the squelch than it does to keep it open.

Models cursed with too much hysteresis include the Bearcat 800XLT, Radio Shack PRO-2003, PRO-2004, and others. Don't despair, the fix is simple for most radios. Unfortunately, the Uniden/Bearcat 600XLT and 760XLT series use tiny surface mount components, which makes modification very difficult. I've successfully reduced the squelch hysteresis on other models by replacing a single resistor.

Hysteresis is usually implemented by providing feedback from the squelch gate input to output, through a resistor. The higher the resistor value, the less feedback there is, and less hysteresis. My modification involves replacing the "stock" resistor with a higher value resistor, as identified in the table below.

This article cannot provide step-by-step instructions for each radio. I always encourage radio hobbyists to purchase the service manuals for their equipment. The most useful sections of the manual are the schematics and printed circuit diagrams. Good manuals will also describe the theory of operation and alignment procedures, and contain a complete parts list.

If your radio has too much hysteresis, and is not listed in the table, study the service manual. Motorola MC3357 and MC3359 integrated circuits, which contain IF and squelch circuitry, are popular in scanners. In these receivers,

look for the hysteresis resistor to be connected to these ICs.

Notes |

1. The author cannot furnish modification information for other radios.

2. Don't attempt this, or any other internal modification, unless you are skilled in electronic servicing.

3. Make sure your receiver is disconnected from any power source before opening the cabinet.

Table 1. Squelch Hysteresis Resistor In Selected Receivers |

Squelch Hysteresis Resistor In Selected Receivers		
Receiver Model	Resistor Designation	Factory Value
Radio Shack PRO-24	R35	33K replace with 220K. Located between pins 12 and 14 of MC3357 (IC1)
Radio Shack PRO-2002	R197	47K try 220K.
Radio Shack PRO-2004	R148	47K remove R148 or replace with 220K. On linear board, between pins 12 & 14 of TK10420 (IC2)
Bearcat 220	R75	2.7M may be ok as is
Bearcat 20/20	R75	2.7M may be ok as is
Bearcat 250	R66	2.2M may be ok as is
Uniden/Bearcat 760XLT	R58	22K replace with 1M. Located on pin 14 of MC3359P IC
Uniden/Bearcat 800XLT	R91	860K replace with 2.2M. Located on pin 14 of MC3359P IC
Plectron P1	R81	180K may be ok as is
Plectron 700	R96	180K replace with 560K

References

1. "The Radio Shack PRO-24 Scanner," by Bob Parnass, excerpted in the "Technical Topics" column, RCMA Newsletter, February 1984.

2. "The Bearcat 800XLT ... an Owner's Report," by Bob Parnass, in Monitoring Times, March 1986.

3. "Product Review: The Radio Shack PRO-2004 Programmable Scanner," by Bob Parnass AJ9S, in The Radio Enthusiast, February 1987, and Monitoring Times, March 1987.

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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

3780. Re: NFL Head sets Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-13 13:03:14 UTC
From: tfoecke@nist.gov
Message-ID: <tfoecke-1310940903140001@steel.nist.gov>
Source record: 267271

In article <eliopoulos-1310940821560001@157.176.173.10>,
eliopoulos@delphi.ndhm.gtegsc.com (Angelo Eliopoulos) wrote:

> Does anyone know the frequency number for the New England Patriots head
sets???
>
What I have is

154.57 Operations
154.6 Operations
151.625 Operations and Referees
464.425 Security
463.7375 Security
463.7625 Security

'Ta

3781. Re: "Negative Pulse" Nicad Charger (Mfg. Source ??)

Newsgroup: rec.radio.scanner
Date: 1994-10-13 13:06:20 UTC
From: domonkos@access.digex.net
Message-ID: <FIIdkiubGksF066yn@access.digex.net>
Source record: 267312
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.amateur.equipment,alt.radio.scanner

In article <37h45a$mg4@gw.PacBell.COM>, jcscott@pacbell.com wrote:
>
> I am looking for a general purpose nicad battery charger that uses the
> "negative pulse" concept to recondition and properly charge nicad batteries.
> Does anyone know of such a device? I have seen nicad battery
> reconditioner/charges but most of these seem to first discharge and then fully
> charge a nicad. Maybe one of these will do just as good a job?
>
> Thanks in advance,
>
> Jon

Any conditioning charger will work very well. The discharge circuits bring the battery voltage down to approximatley .6 volt, one should avoid deep discharging the battery to 0 volts, when this happens the battery capacity is drastically reduced (Nicads go through a 'forming' process at the factory and deep discharges undo the benefits of the forming process). I built my own conditioner using hi current silicon diodes to shunt the battery. When the battery low indicator comes up on my scanner I pop the batteries into the discharger to bring everything down to .6 - .7 volts. It won't drop below this because the diode stops conducting below .6 volts. I have noticed a remarkeable improvement in battery capacity between charges and this also eliminates the memory effect (when a cell plateaus at 1v for the duration of its remaining capacity between charges).

Hope this helps.

Andy

3782. Re: How many Birdies??

Newsgroup: rec.radio.scanner
Date: 1994-10-13 13:06:43 UTC
From: domonkos@access.digex.net
Message-ID: <GQIdkiubGgz3066yn@access.digex.net>
Source record: 267313

In article <CCARTEE.94Oct12115757@regal.cisco.com>, Claude Alan Cartee wrote:
> I am new to scanning and just recently purchased a BearCat 2500XLT.
> In the manual they list all of the birdie frequencies. The list
> 'looks' rather large, but when I consider the range of the scanner, it
> is a small fraction of the possible reception frequencies. My
> question is how many birdies do some of the other popular scanners on
> the net have? How does the conversion scheme (double/triple) affect
> birdies? Are portable units more likely to have more birdies?
>
> --
>
> --
> Claude Alan Cartee "I have neither the time nor the inclination to explain
> 1525 O'Brien Drive myself to a man who rises and sleeps under the blanket
> Menlo Park, CA 94025 of the very freedom I provide...
> ccartee@cisco.com ... and then questions the manner in which I provide it"
> 415 688-7801 -Col Nathan R. Jessep
> --

The amount of birdies is totally dependent on how well the isolation is between the different stages of the scanner. Triple conversion will have little or no effect on birdies; they are being received because they are internally generated (including all harmonics of the fundamental frequency). I have seen very few if any birdies in my Pro-43, then again, the Pro-43 has a considerable amount of shielding in between the circuits.

Andy

3783. NFL Head sets Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-13 13:21:56 UTC
From: eliopoulos@delphi.ndhm.gtegsc.com
Message-ID: <eliopoulos-1310940821560001@157.176.173.10>
Source record: 267261

Does anyone know the frequency number for the New England Patriots head sets???

--
****
* Angelo Eliopoulos *
* Network Operations *
* GTE Government Systems Corp. *
* 400 John Quincy Adams Road *
* Taunton, MA 02780 *
****

3784. Re: BearCat 210

Newsgroup: rec.radio.scanner
Date: 1994-10-13 13:50:28 UTC
From: hcorn@cix.compulink.co.uk
Message-ID: <CxM6G4.BL0@cix.compulink.co.uk>
Source record: 267314

You ask:
> Hi, I've asked for several mods while on this base, and I was wondering
> for my father if there is a mod. for the BearCat 210? This mod would
> be for upgrading it so it can receive the higher freqs. that the new
> models can get. My dad doesn't want to pay several hundred dollars for
> a new scanner when his works perfectly fine. Well dig into the vaults
> and see what you come up with any suggestions would be appreciated. >
If there is a diode or a chip or anything that can be replace or added.
> Also if added so the scanner can get Cell Phone freqs.
If I remember correctly, the Bearcat 210 was one of the earliest of the synthesised desk-top scanners; at a guess it first appeared in 1978 or so. The only mod I am aware of shifts the VHF-Lo coverage from 30-50 MHz to 68-88 MHz for European use. But you have to flip both the logic (fairly easy) and change RF components (not so easy). You then lose the 30-50 but gain the ability to listen to some TV sound channels. No other changes are possible because there is no RF circuitry or logic to support it. Most of the scanner mods available on later models are the re-instatement of facilities blocked in the US but available in other markets.

Your dad should keep his BC210 (which is quite an important machine in the history of scanners) and use it happily on its existing operational range. He should also but himself something newer and more modern - by keeping his BC210 in good condition all these years, he's earned it!

3785. Re: Never in Palo Alto

Newsgroup: rec.radio.scanner
Date: 1994-10-13 14:30:14 UTC
From: drears@pica.army.mil
Message-ID: <CxM8AE.M7A@pica.army.mil>
Source record: 267320
Cross-posted to: alt.2600,alt.radio.scanner,rec.radio.scanner,misc.legal

In article <37hvfc$dm9@sashimi.wwa.com>, Glen L. Roberts <fd@wwa.com> wrote:
>[my press release about cordless phone snooping being outlawed]
>
>I'm sorry to have wasted your email time with that blurb...

If you are sorry about it why are you wasting our news reading time with a private matter between you and the Palo Alto newspaper?

dennis

3786. Re: Never in Palo Alto

Newsgroup: rec.radio.scanner
Date: 1994-10-13 14:35:11 UTC
From: fd@wwa.com
Message-ID: <37jgiv$g23@sashimi.wwa.com>
Source record: 267318
Cross-posted to: alt.2600,alt.radio.scanner,rec.radio.scanner,chi.media,chi.general,misc.legal

Jerry Dallal (gdallal@world.std.com) wrote:
: Glen L. Roberts (fd@wwa.com) wrote:
: : [my press release about cordless phone snooping being outlawed]

: : From: Palo Alto Weekly <paweekly@netcom.com>
: : Subject: Re: your mail
: : To: Glen Roberts <glr@rci.ripco.com>

: : Please remove us from your distribution list. The Palo Alto Weekly is a
: : strictly local newspaper covering Palo Alto, Calif., and surrounding towns
: : only. Thank you.

: I'm confused at your reaction. Listening to cordless phones is already
: illegal in CA, so their response is not unreasonable.

It's not the illegality of the listening that is really at issue... BUT,
all the information people give out on the cordless... and that legal or
not, people ARE listening.

Since, you have nothing to hide, please post your SSN, credit card numbers,
home address, names and addresses of your relatives, income, bank account
number, mortgage balance, home and work phone....

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
KEVIN MITNICK DISGUISE KIT: From your fax: (708) 356-9646 doc #903
email for uuencoded .TIF of T-Shirt Honoring the FBI

3787. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-13 15:27:07 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.138.000973F8@chevron.com>
Source record: 267321

In article <37h5kr$koq@mozo.cc.purdue.edu> mconner@rain.atms.purdue.edu (Mark D. Conner) writes:
>From: mconner@rain.atms.purdue.edu (Mark D. Conner)
>Subject: Re: Superior coaxial line?
>Date: 12 Oct 94 17:16:11 GMT

>In article <db0_9410080746@wmeonlin.sacbbx.com> Larry.Sabo@highsierra.wmeonlin.sacbbx.com (Larry Sabo) writes:
>>DW+>A fairly simple question... I hope. I am on the verge of purchasing an RS
>> +>all-band antenna for use with my BC200xlt scanner (this after deciding
>> +>that constructing my own antenna might drive me insane) and now I am faced
>> +>with the decision as to which type of coaxial cable to use. Basically, I
>> +>will only be running a maximum of 10-14 feet of cable. I have seen a lot
>> +>of RG-58 and RG-59, but have also heard that RG-6 is superior. Any (semi-)
>> +>definitive answers out there?
>>
>>Use RG-6, it is the best for the money by far.

>If you're going for large-diameter cable, you may as well get the
>right impedance match and get RG-8. RG-6 is 75-ohm cable and is
>primarily used for CATV. The best 50-ohm cable short of getting
>hardline is Belden 9913 - this is used for ham radio applications.
>There are a few different versions of RG-8, with different shielding,
>etc. - I believe one of them is equivalent in quality to RG-6 but the
>correct (50 ohm) impedance.

>Impedance differences are not as critical for receive-only
>applications, but may be comparable to the difference between using
>RG-8 and RG-58.

I aggree that if you going to the trouble of finding the best coax for your application that you should certainly stick to the correct impedance.

But I would offer that impedance is critical for receive only applications but not in the same way. We worry about impedance matching our feed on a transmitter because we don't want reflected power damaging the radios. And because we want as much of our transmitter power to make it to the antenna. But any losses that you experience between the transmitter and antenna would also be present between antenna and the receiver. The idea is to get as much of the power that goes into one end of the coax to come out at the other.

IMO every dB counts when optimizing a receive system.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

3788. Re: Got an old crystal scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-13 16:11:10 UTC
From: <>
Message-ID: <37jm6u$3qp@wizard.uark.edu>
Source record: 267030

joep@bear.com (Joe Polizzotti) writes:

>I plan on using this in my car (I'm a volunteer firefighter so it's ok)and I'll

AFAIK, NJ changed their facist scanner law so that ordinary, law-abiding citizen/taxpayers can now have mobile scanners without fear of persecution by jackbooted storm-troopers ... foam ... foam ... :-)

I could be wrong but am confident *someone* will correct me!

>(crude ascii drawing)

Not that bad ...

> _______
> |o o o o|
> -------
> I can experiment with a 12v power supply but I'd hate to fry this thing.

Try to find a variable PS and start at a low voltage, though I doubt putting 12-13.8 VDC into the 120VAC input will have the same effect as the reverse. :-)

You could open the thing (I bet the warranty has expired), too, and trace the wires to the transformer ...

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

3789. Re: 800 trunking tone (ssqueal) HELP!

Newsgroup: rec.radio.scanner
Date: 1994-10-13 16:20:21 UTC
From: kturner@infi.net
Message-ID: <37jmo5$pa9@lucy.infi.net>
Source record: 267027

Fred T. Allen (fta@delphi.com) wrote:
: I have a 2006 and the local P.D. is on 800 trunking. Is there a device or
: mod that will eliminate the tones after transmissions?

Better yet, has anyone figured out how to decode that data yet?

Keith Turner
KE4QOL.

3790. Re: Cobra Scrambler Cordless Phone Good?

Newsgroup: rec.radio.scanner
Date: 1994-10-13 16:50:01 UTC
From: dctrhappy@aol.com
Message-ID: <37jofp$aqm@newsbf01.news.aol.com>
Source record: 267047

RE: Cobra phone

I actually have this phone and it works very well. I like the no-antenna design of this phone, it still delivers clearly. However, it helps if you don't put the phone on your shoulder. The price is very reasonable. I would'nt conduct illegal transactions or disclose my cc # over it but it will give you privacy from most of the public (also from those who pick up your conversation on their cordless). If people want to go through the trouble of descrambling your call to gramma, more power to 'em. However, most people (myself included) only use conventional scanners w/out any sort of illegal descrambling device. So...if you think that people within 1000 ft. of your phone 1.Have a scanner 2. Have a descrambling device , feel free to blow cash on 900mhz. Again, this phone cannot not be foiled by just a regular scanner.

3791. Re: Off-topic postings

Newsgroup: rec.radio.scanner
Date: 1994-10-13 16:56:52 UTC
From: thomas@n7oxx.zso.dec.com
Message-ID: <37josk$d44@therag.zso.dec.com>
Source record: 267230

In article <CxLEFB.3o1@world.std.com>, gdallal@world.std.com (Jerry Dallal) writes:
|> But a real problem has developed: off-topic
|> posts are distracting us from keeping our eyes on the prize--
|> the prevention and removal of any restrictions on the right to
|> monitor over-the-air transmissions.

As a fairly new member of this group, I wasn't aware that the main intent
of it was to discuss solely the legal aspects of scanning.

My largest kill file by far is for this group (consisting mostly of
repetitive requests for modification information).

Maybe we need to split it up into several groups (no, I'm not volunteering,
I have neither the time nor the knowledge) :

rec.radio.scanner.legal
rec.radio.scanner.frequencies
rec.radio.scanner.equipment (which maybe would not include mods, leading to:
rec.radio.scanner.mods)

Mike

3792. Re: Help on Pro2006 Cellular Restoration

Newsgroup: rec.radio.scanner
Date: 1994-10-13 17:18:01 UTC
From: shawn4sk1@aol.com
Message-ID: <37jq49$b7p@newsbf01.news.aol.com>
Source record: 267049

Pressing RESET will put you in 30 step if you are doing a limited SEARCH in the cellular ranges. As far as I know, the initial press of RESET under these conditions does not wipe out any memory. I know for a fact it does not wipe out the channels programmed in any of the 400 permanent memory banks. Whether it wipes out monitor memory/temporary memory- I'm not for sure...

Have fun!

soliver@ozarks.sgcl.lib.mo.us

3793. Re: 2006 squelch

Newsgroup: rec.radio.scanner
Date: 1994-10-13 17:24:01 UTC
From: shawn4sk1@aol.com
Message-ID: <37jqfh$bah@newsbf01.news.aol.com>
Source record: 267046

The inconsistant, non-precise squelch settings you're finding ARE a characteristic of the 2006- you have one that works, unfortunately, just like it's supposed to. There is a modification that corrects it (makes it much better) but it seems to be a fairly in-depth mod that I don't feel confident enough to tackle (I usually try to tackle most anything! :-), and if it's the task I remember reading complaints about, it does require some hard-to-find components. If you want the mod, I'm sure someone out here will offer it to you- I would but I only have it on paper and it's kinda long.

soliver@ozarks.sgcl.lib.mo.us

3794. Re: Never in Palo Alto

Newsgroup: rec.radio.scanner
Date: 1994-10-13 17:28:04 UTC
From: gdallal@world.std.com
Message-ID: <CxMGIt.BLz@world.std.com>
Source record: 267029
Cross-posted to: alt.2600,alt.radio.scanner,rec.radio.scanner,chi.media,chi.general,misc.legal

: Jerry Dallal (gdallal@world.std.com) wrote:
: : Glen L. Roberts (fd@wwa.com) wrote:
: : : [my press release about cordless phone snooping being outlawed]

: : I'm confused at your reaction. Listening to cordless phones is already
: : illegal in CA, so their response is not unreasonable.

: It's not the illegality of the listening that is really at issue... BUT,

Earth to Glen . . . :-)
Your post began "[my press release about cordless phone snooping being
outlawed]"! Sure sounds like illegality being at issue to me.

3795. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-13 18:28:15 UTC
From: johng@ecs.comm.mot.com
Message-ID: <johng-1310941328150001@johng.comm.mot.com>
Source record: 267232

In article <crispCxGMK1.KL7@netcom.com>, crisp@netcom.com (Richard Crisp) wrote:

> In article <CxFqAJ.Hoy@umassd.edu> jnormandin@umassd.edu writes:
>
> Why is it that our generation had to gut the bill of rights when we were
> passed the torch? Because we elected Bill Clinton. I will vote for no
> incumbents in November. I pledge to ensure Bill Clinton is not re-elected.
>

Think back a little harder. The "war on drugs," which spawned the crazy
property seizure laws we have today, didn't start with the present
administration.

--
John Gilbert johng@ecs.comm.mot.com KA4JMC

3796. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-13 19:03:37 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.139.000D0FD1@chevron.com>
Source record: 267228
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.antenna

In article <37ek40$n3a@athos.cc.bellcore.com> wcnk@puffin.NoSubdomain.NoDomain (Bill Conkright) writes:
>--
>loss will be negligible ?

>Perhaps , if only receiving, xmting is another story. By using the correct type
>of torroid core, one can design a vhf broadband 75 to 50 xfrmr, or use the old
>transmission -line xfrmr technique, or design a pi network for this frequency,
>or modify (or try out first) your existing output network in your xmtr , to
>see if it can match to 75 ohms (using SWR meter)
>-Washington Community Radio

Loss is loss, a decibel is a decibel, whether transmitting or receiving.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

3797. Re: How many Birdies??

Newsgroup: rec.radio.scanner
Date: 1994-10-13 19:13:04 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.501.0013384E@ccm.hf.intel.com>
Source record: 267241

In article <CCARTEE.94Oct12115757@regal.cisco.com> ccartee@regal.cisco.com (Claude Alan Cartee) writes:

>I am new to scanning and just recently purchased a BearCat 2500XLT.
>In the manual they list all of the birdie frequencies. The list
>'looks' rather large, but when I consider the range of the scanner, it
>is a small fraction of the possible reception frequencies. My
>question is how many birdies do some of the other popular scanners on
>the net have? How does the conversion scheme (double/triple) affect
>birdies? Are portable units more likely to have more birdies?

I have used my 2500 in San Jose/Sunnyvale, Menlo Park/Atherton area, as well as here in Utah, and have not found the birdies to problem while scanning. Generally, the wider the frequency coverage, the more birdies that the designers can't hide in the gaps!

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3798. Re: Never in Palo Alto

Newsgroup: rec.radio.scanner
Date: 1994-10-13 19:24:01 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.502.00136708@ccm.hf.intel.com>
Source record: 267042
Cross-posted to: alt.2600,alt.radio.scanner,rec.radio.scanner,chi.media,chi.general,misc.legal

In article <37hvfc$dm9@sashimi.wwa.com> fd@wwa.com (Glen L. Roberts) writes:

>You're removed... and I trust non of the 12 million people with scanners
>that can listen to cordless phone calls live on Palo Alto... I'm sure
>non of them want to know that such listening is a federal offense now,
>and I'm even more sure that no residents of Palo Alto use cordless phones,
>so none of them are at risk to having their privacy invaded, credit card
>or bank account numbers lifted... I'm sure Palo Alto is not like it is
>here, where every 3rd person has a cordless phone, unknownly pumping
>their private affairs onto the airwaves for all to peep in on...

>I'm sorry to have wasted your email time with that blurb...

The Palo Alto Weekly does not cover such issues. They try not to cover
stories that the major local papers already have.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3799. Re: CORDLESS SCANNING OUTLAWED

Newsgroup: rec.radio.scanner
Date: 1994-10-13 19:29:08 UTC
From: O1EVERT@VM1.CC.UAKRON.EDU
Message-ID: <1704ED9C9S86.O1EVERT@VM1.CC.UAKRON.EDU>
Source record: 267322

In article <37feoh$kts@portal.gmu.edu>
smasters@bzy.gmu.edu (Shawn C. Masters) writes:

> The real problem is that the general public seems to support this
>type of law for the reason they think it is like a theft of privacy.

I agree that people support these unenforcable laws because it probably
does give them a (false) sence or privacy and protection and feel their
privacy has been invaded. These same people will no doubt continue
to GIVE away their privacy by using some type of wireless phone.

Tom

P.S. Someone raised the question of Cell telephones themselves being
illegal because they are capable of receiving cell phone calls. Do
cordless telephones fall into this same category?? Just a thought.

3800. Modifiable PRO-43, how to know

Newsgroup: rec.radio.scanner
Date: 1994-10-13 19:30:30 UTC
From: jim@ttech.com
Message-ID: <jim-131094113030@jimsmac.ttech.com>
Source record: 267039

Date: Wed, 5 Oct 1994 17:04:44 -0400 (EDT)
From: "Thomas A. Finzel" <tfinzel@DGS.dgsys.com>
Subject: PRO-43
To: jim@ttech.com
Mime-Version: 1.0

"Thomas A. Finzel" <tfinzel@DGS.dgsys.com> wrote:

If the FCC ID: DOES NOT have an 'A' on the end you can restore cellular.

Example:

My FCC ID: AA020-300 --Restorable

FCC ID: AA020-300A -- Not Restorable.

This information is 100 percent correct and should be taken as the final word on this subject. BTW you can still find some modifiable PRO-43's at RS. I found three in Southern Cal.

Good Scanning,

+-Jim

3801. Frequency Downconverter

Newsgroup: rec.radio.scanner
Date: 1994-10-13 19:35:09 UTC
From: Steve4@ix.netcom.com
Message-ID: <37k25d$p5t@ixnews1.ix.netcom.com>
Source record: 267234

In <tfoecke-1310940903140001@steel.nist.gov> tfoecke@nist.gov (Tim Foecke) writes:

>
Does any one know of any companies in the U.S. that manufacture or sell frequency
downconverters. Schematics or plans to build one would also be helpfull. Any and
all information is welcome.

Steve

3802. ELIMINATE ALT.RADIO.SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-10-13 19:35:23 UTC
From: jim@ttech.com
Message-ID: <jim-131094113523@jimsmac.ttech.com>
Source record: 267038

Why not just have one newsgroup. Let's all band together and eliminate alt.radio.scanner. This can be done as follows:

Post the following message to alt.radio.scanner and repeat the message many times on a daily basis:

"If you are posting to alt.radio.scanner, please post to rec.radio.scanner so that we can eliminate alt.radio.scanner and have one scanner newsgroup. Thankyou for your cooperation."

I would appreciate replies and help from anyone and everyone. I am tired of reading two newsgroups for no valid reason!!

+-Jim

jim@ttech.com

3803. Scanning the police chase

Newsgroup: rec.radio.scanner
Date: 1994-10-13 19:48:14 UTC
From: ad225@detroit.freenet.org
Message-ID: <37k2tu$pgs@detroit.freenet.org>
Source record: 267324

In an earlier discussion of cordless phones there was a posting about how police monitored a cordless phone conversation and then arrested a person for marijuana posession based on what they overheard. Here's a story about the other side of the coin, though it has to do with monitoring police scanners.

Earlier this month, Dearborn, Michigan police chased a reckless driver at high rates of speed into Detroit. The car eventually struck another, killing three occupants of the suspect car and the driver of the innocent car he hit.

Attorney Geoffrey Feiger (you've heard of him, he represents Dr. Kevorkian) brought a $20 million suit yesterday against the Dearborn police on behalf of the innocent victim.

The cops maintain they broke the chase off after the car they were after entered Detroit. An off-duty Detroit cop who says he witnessed the accident refutes that contention.

In addition to the suit, Feiger requested an injunction prohibiting Dearborn police from destroying tape recordings of the police radio conversations during the chase. But then he said, even if the Dearborn police "lose" the tapes, he has his evidence because of scanner buffs who tape recorded the chase in their homes and then made those tapes available to him!

Interesting!

Gary Baumgarten
--
Gary Baumgarten
ad225@detroit.freenet.org

3804. DDI software

Newsgroup: rec.radio.scanner
Date: 1994-10-13 20:07:20 UTC
From: ccarroll@cs.uml.edu
Message-ID: <37k41o$jjo@ulowell.uml.edu>
Source record: 267227

Does software version 4.04 of ddi.exe have the capability
of displaying ESNs? Is there a specific command switch
that has to be set? I'd appreciate any help.

Thanks,
chris
ccarroll@cs.uml.edu

3805. Re: Never in Palo Alto

Newsgroup: rec.radio.scanner
Date: 1994-10-13 21:09:33 UTC
From: fd@wwa.com
Message-ID: <37k7md$aae@sashimi.wwa.com>
Source record: 267323
Cross-posted to: alt.2600,alt.radio.scanner,rec.radio.scanner,chi.media,chi.general,misc.legal

Jerry Dallal (gdallal@world.std.com) wrote:
: : Jerry Dallal (gdallal@world.std.com) wrote:
: : : Glen L. Roberts (fd@wwa.com) wrote:
: : : : [my press release about cordless phone snooping being outlawed]

: : : I'm confused at your reaction. Listening to cordless phones is already
: : : illegal in CA, so their response is not unreasonable.

: : It's not the illegality of the listening that is really at issue... BUT,

: Earth to Glen . . . :-)
: Your post began "[my press release about cordless phone snooping being
: *outlawed*]"! Sure sounds like illegality being at issue to me.

It about people being screwed becaue they blab on the cordless phone and
haven't a clue that people tune in. Now, whether it is legal or illegal
to tune in, thousands if not millions will. Whether those who tune in
use the information for legal or illegal purposes is another question.
But neither of those are the problem or the issue... but the fact that
people blab too much information on the cordless phones.

The fact that Congress outlawed listening to cordless phones... and the
fact that it will not stop people, particularly those with true criminal
intent is the issue...

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
KEVIN MITNICK DISGUISE KIT: From your fax: (708) 356-9646 doc #903
email for uuencoded .TIF of T-Shirt Honoring the FBI

3806. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-13 21:26:57 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CxMrKx.EC8@freenet.carleton.ca>
Source record: 267243
Cross-posted to: alt.radio.scanner,rec.radio.scanner,ncf.sigs.radio-scanner

For anyone interested...

Attenuation per 100' loss in dB===>

Coax type	25mhz	30mhz	50mhz	150mhz	200mhz	400mhz	800mhz	1000>
hardline*	0.23	0.25	0.35	0.70	0.80	1.30	1.90	2.10+
9913	0.60	0.70	0.90	1.60	1.80	2.10	3.90	4.20+
RG-11/Ufoam	0.60	0.75	1.30	1.60	2.00	3.00	4.00	8.9+
RG-8/U foam	0.80	0.90	1.30	2.10	2.40	3.50	7.90	9.1+
RG-6/U foam	0.90	0.75	1.50	2.50	3.10	4.40	6.90	7.2+
RG-58 most	1.99	2.70	3.30	6.00	8.00	11.5	16.0	21.0+

* 7/8" Hardline (Aluminum Jacket or Heliax type cable..

Figures from ARRL Antenna Book, and from Belden spec sheets. Specs for the RG-58 is from the average of all RG-58 types listed. The main thing is what are you going to monitor. I like mil a/c so 9913 and RG-11/U has the lowest attenuation in the 200-400mhz band If I used RG-58 I would expect a net lose of between 6.20 to 9.40 dB on that band. That is a BIG difference!!! Hardline would be great...But it is tough to work with, like running conduit.

10-4

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

3807. Re: Pro 43- 400 Channels.

Newsgroup: rec.radio.scanner
Date: 1994-10-13 22:05:59 UTC
From: 5609946@sscl.uwo.ca
Message-ID: <5609946.105.2E9DAF44@sscl.uwo.ca>
Source record: 267048

In article <37fqkd$b1u@newsbf01.news.aol.com> you write:
>From: chip30@aol.com (Chip30)
>Subject: Re: Pro 43- 400 Channels.
>Date: 12 Oct 1994 01:02:05 -0400

>In article <tfoecke-1110941426450001@steel.nist.gov>, tfoecke@nist.gov
>(Tim Foecke) writes:

>When I follow this procedure on my Pro-43, I get the message: Error
>Am I missing something, or is my 43 a different model?

Try modifying your scanner first!
~~~~~~~~~
~~~~~~~~~

3808. Re: Cordless Snooping Outlawed?

Newsgroup: rec.radio.scanner
Date: 1994-10-13 22:07:49 UTC
From: Quill@Ties.Org
Message-ID: <37kb3l$dua@powergrid.electriciti.com>
Source record: 267036
Cross-posted to: alt.2600,rec.radio.scanner,alt.radio.scanner,comp.org.eff.talk

In article <37ekjk$827@access1.digex.net>, jthomas@access1.digex.net (Joe Thomas) says:
>In article <37biev$dn5@sashimi.wwa.com>, Glen L. Roberts <fd@wwa.com> wrote:
>>So, the Digital Wiretap Act outlawed the monitoring of Cordless Phone
>>Calls? Same as Cellular Now? Or, what?>
>It appears so. The EFF may have had something to do with this. They
>added a number of "significant new privacy protections" to DigTel when
>they became convinced they would be unable to defeat the bill. Among the
>protections listed in their August 10 summary of the Edwards/Leahy bill
>is "an expansion of current law to protect the radio portion of cordless
>telephone conversations from unauthorized surveillance."

This was NOT a late breaking "significant new privacy protection" added to the bill,
rather it was in the bill from the very beginning. Since there is not FEDERAL
RIGHT OF PRIVACY such as those added to many state constitutions, to protect privacy
one needs statutory language to do it. The FBI tried to point out that they were
also curtailing their powers to snoop by allowing this section in the bill
(in reality a few federal courts were just about ready to come down with a ban
on cordless phone snooping by law enforcement).

Quill
--
Preferred E-mail to: Quill@Ties.Org
Finger quillan@powergrid.electriciti.com for PGP Key

3809. Kauai freqs

Newsgroup: rec.radio.scanner
Date: 1994-10-13 23:17:37 UTC
From: pickled@ix.netcom.com
Message-ID: <37kf6h$25h@ixnews1.ix.netcom.com>
Source record: 267127

Just got back from honeymooning on Kauai, and we're glad we took along our PRO-43! (We both enjoy monitoring!) Although there isn't very much traffic (pretty safe place), we *did* have a tsunami warning on Oct. 4th due to an earthquake measuring 8.2 in Japan. They can predict the time of arrival, but not the magnitude of the tsunami - so everyone in coastal areas had to go to a shelter or head inland. Turns out the wave was a huge <g> 18". But it was fun listening to the traffic on the ham bands and civil defense frequencies. Much better than the repetitious drivel on FM radio 8^).

On our way back to the states, while waiting to takeoff from Lihue airport, we monitored the tower and learned that the airport was to be shutdown for 20 minutes for an airshow (they were having an open house) featuring a stunt pilot in a biplane. The advance notice allowed us to snarf a prime viewing spot for what proved to be quite an entertaining display.

On the way _to_ Hawaii from LAX (on Hawaiian Air) I was listening to the scanner *after* we reached cruising altitude. A flight attendant came over and asked (incredulously), "WHAT is THAT?" I told her it was a scanner, capable of receiving - but *not* transmitting. She said she would have to check with the captain, but didn't think I was allowed to use it on the plane. I told her I'd shut it off while she checked. A few minutes later she returned and said that the co-pilot knew what it was and was certain it would do no harm, but that the pilot indicated it was against FAA regulations to use it in flight. No harm - there wasn't any traffic to speak of, anyway!

I picked up the following frequency list from Rat Shack while I was on Kauai (for two bucks #^( )...

```
Radio Shack (Kukui Grove) Scanner Frequency List
================================================

KAUAI POLICE DEPARTMENT
-----------------------
154.740 Kukuilono/Waimea
154.755 Kahili
154.785 Kilauea/Kokee
155.415 Lihue
155.850 Hanalei/Kapaa/Lihue/Koloa/Kalaheo/Waimea/Kekaha Dispatcher
453.300 Kukuilono

KAUAI FIRE DEPARTMENT
---------------------
154.430 Hanalei/Kapaa/Lihue/Koloa/Kalaheo/Waimea
```

155.760 Hanalei/Kapaa/Lihue/Koloa/Kalaheo/Waimea

AMBULANCE SERVICE & EMERGENCY ROOM HOSPITALS

155.760 Hanalei/Kapaa/Lihue/Koloa/Kalaheo/Waimea Dispatcher
453.400 Lihue Dispatcher/Wilcox ER/KMVH ER
462.075 Hawaii Air Ambulance
462.975 International Life Support Service

WEATHER SERVICE

162.400 Kokee Park
162.550 Honolulu

KAUAI COUNTY GOVERNMENT

155.040 Hanalei/Lihue/Kalaheo/Hanapepe
155.100 Hanalei to Kekaha Parks & Recreation Operation
155.760 Hanalei to Kekaha Fire Public Works
155.985 Koloa
173.312 Koloa [?? - wrong step for this freq. range - Sandy]

STATE OF HAWAII GOVERNMENT - KAUAI

155.550 Lihue - State Airport Police
155.850 Wailua Conservation Rangers
154.085 Lihue - Land & Natural Resources/Other Agencies
154.995 Lihue - Conservation "Green Net"
155.025 Lihue - (F-1) "Yellow Net"
155.100 Wailua
155.715 Lihue - (F-2) Simplex/Civil Defense
155.760 Wailua/Lihue - Kauai County Dispatcher
155.820 Lihue - Airport
155.880 Lihue
158.895 Waimea - KMVH
453.400 Kapaa - County link to ambulance
453.775 Lihue
453.900 Statewide - MediCom
453.700 Honolulu - MediCom

FEDERAL & MILITARY GOVERNMENT

32.050 Lihue - U.S. Navy
32.450 Lihue - U.S. Navy
38.300 Lihue - U.S. Navy
138.525 P.M.R.F. [Pacific Missle Range Facility]
138.550 P.M.R.F.
139.560 P.M.R.F./Energy P.M.R.F.
141.800 Department of Energy Lihue
142.230 Department of Energy P.M.R.F.
148.150 Civil Air Patrol
148.240 NASA

148.300 P.M.R.F.
148.980 NASA - Lihue
149.520 NASA - Lihue
149.820 NASA - Lihue
164.225 Department of Energy P.M.R.F.
167.950 U.S. Interior - Kilauea
168.425 U.S. Interior - Kilauea
168.450 Department of Energy P.M.R.F.
169.400 U.S. Interior - Kilauea
171.262 FAA
172.150 FAA
407.000 Department of Energy P.M.R.F.
408.000 Department of Energy P.M.R.F.
417.000 Department of Energy P.M.R.F.
423.000 U.S. Navy P.M.R.F.
443.000 U.S. Navy P.M.R.F.

BUSINESS REPEATERS

451.725 AMFAC Inc. - Lihue
451.542 Hawaiian Dredging - Lihue
451.900 Kekaha Sugar Co. - Kekaha
451.950 Hawaiian Dredging - Lihue
452.000 Hawaiian Dredging - Lihue
452.175 Hawaiian Dredging - Lihue
460.725 United Arlines, Inc. - Lihue
460.700 Aloha Airlines - Lihue
460.825 Aloha Airlines - Lihue
460.850 Hawaiian Airlines - Lihue
461.050 Sheraton Kauai - Poipu Beach
461.100 Kiahuna Beach Houses - Koloa
461.250 Poipu Beach & Waioha - Koloa
461.375 Lihue Electronics
461.575 Westin Kauai - Lihue
461.650 Sheraton Coconut Beach - Kapaa
461.675 Westin Kauai Security - Lihue
462.000 Hawaiian Airlines - Lihue
463.200 Pacific Design, Inc. - Koloa
463.275 Marin Steel Construction - Koloa
463.300 Yukimuras, Inc. - Koloa
463.550 WARDAIR Kauai Beachboy - Kapaa
463.800 Precision Home Builders - Koloa
463.825 Princeville Community - Hanalei
463.875 Pomare Ltd. Store
463.875 Kauai Island Tours
463.950 Sheraton Princeville - Princeville
464.100 Kauai Cable TV - Koloa
464.425 Poipu Kai - Koloa
464.875 Kauai Hilton - Lihue
854.762 Eileen & Wi. Winters [?] - Kapaa

AIRCRAFT RADIO TRAFFIC

Omni-Bearing Indicator:
110.900 Lihue Airport ILS for runway 35
113.500 Lihue Airport VORTAC
115.400 South Kauai - NAVAID VOR
151.625 Kauai Hangglider Pilots

Aircraft Air-to-Ground Communication:
118.900 Lihue Control Tower
121.500 Emergency Radio Beacon - actual
121.600 Emergency Radio Beacon - training
121.900 Lihue Ground
122.100 NAVAID - South Kauai
122.300 Flight Service Station (FSS) - North Kauai
122.600 Flight Service Station (FSS) - Lihue
122.800 Princeville Airport
122.825 Island Arlines of Hawaii/Ohana Aviaton, Inc.
122.900 Port Allen Airport - Hanapepe
122.950 Kauai's High Volume Air Traffic Information
123.100 Civil Air Patrol
123.800 P.M.R.F. Barking Sands
126.200 P.M.R.F. Barking Sands Control Tower
126.500 Honolulu Center - Honolulu International Airport
127.200 Lihue ATIS
129.150 Aeronautical Radio
129.300 Aeronautical Radio
129.500 Aeronautical Radio
129.900 Aeronautical Radio
131.600 Aeronautical Radio
243.000 Emergency Radio Beacon - actual
263.100 Lihue Tower - alternate channel
409.025 Emergency Radio Beacon - actual

AMATEUR RADIO SERVICE

146.520 Simplex ? [sic] - Lihue
146.660 GTE ARC - Mt. Kalepa
146.820 Wilcox Repeater - Lihue
146.860 Kokee Repeater - Kukui trail
146.920 Kahili Repeater - Mt. Kahili
147.040 State Wide Repeater - State Bldg.
147.160 Hanalei Repeater - Princeville
147.380 Private Repeater - Hanamaulu
223.940 Private Repeater - Kilohana
224.500 Private Repeater - Kalaheo
447.050 Private Repeater - Lihue
449.250 Kahili Repeater - Mt. Kahili
449.400 Private Repeater - Kekaha

Aloha!,
Sandy & Liz

--
Sandy & Liz Herring | The sunlight clasps the earth |
| And the moonbeams kiss the sea: |
pickled@ix.netcom.com | What is all this sweet work worth |
Orange County, CA | If thou kiss not me? -- Percy Bysshe Shelley |

3810. Re: Cordless Phone Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-14 02:14:32 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <Cxn4w8.5L7@freenet.carleton.ca>
Source record: 267259

In a previous article, tharrell@nmsu.edu (Thomas J. Harrell) says:

>
>I think 7-10 should be:
> 7- 46.83
> 8- 46.87
> 9- 46.93
>10- 46.97
>--

I stand corrected. :->

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

3811. Re: The Scanman's Handbook v11 now out

Newsgroup: rec.radio.scanner
Date: 1994-10-14 02:35:03 UTC
From: draziw@netcom.com
Message-ID: <draziwCxn5uG.LpE@netcom.com>
Source record: 267240

Brian Arsenault (arsenaul@emc.com) wrote:

: Where can one find the Scanman's Handbook...FTP Site???

You can anon ftp it from: ftp.netcom.com:/pub/draziw filename scanm11.zip

Ryan draziw@netcom.com

3812. Lking for advice on tech prblm with Pro 2004

Newsgroup: rec.radio.scanner
Date: 1994-10-14 02:56:01 UTC
From: Shustak@parkcomm.iii.net
Message-ID: <37ks0k$coq@nic.iii.net>
Source record: 267133

I would like to contact a technical expert via internet
who has serviced Pro 2004s. Mine has been fixed by Radio Shack Service
six times for the same problem, and they can't seem to fix it. If you can
offer advice, please respond and I will describe the problem. It involves
scrambled memories, and freqs that don't enter properly when I am programming.
Thanks.

3813. Philadelphia Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-10-14 03:04:07 UTC
From: jbaker@dolphin.upenn.edu
Message-ID: <37ksf7$6b6@netnews.upenn.edu>
Source record: 267050

Anyone have Philadelphia frequencies out there? Mainly interested in
Phil. PD, fire and Rescue, and UPenn police. Thanks. email to
jbaker@dolphin.upenn.edu

--
==========
:-) JMB (-:
"The object of war is not "In war, there is no
to die for your country, but substitute for victory."
to make the other bastard die
for his." "Don't ever give up."

"If you can dream it, you can do it. "The only place where
Always remember that this whole thing success comes before work
was started by a mouse." Walt Disney is in the dictionary."
==========

3814. Scanner Info

Newsgroup: rec.radio.scanner
Date: 1994-10-14 04:16:10 UTC
From: fanfant@netcom.com
Message-ID: <fanfantCxnAIy.Crp@netcom.com>
Source record: 267247

I'm new to the world of scanning and am considering purchasing a scanner in the $400 price range. Would prefer a handheld unit or table top model if it would run off of 12 Volts DC.

Any suggestions?

-rob WB7TDU

3815. Re: CORDLESS SCANNING OUTLAWED

Newsgroup: rec.radio.scanner
Date: 1994-10-14 04:17:53 UTC
From: davidm@iglou.com
Message-ID: <nPWdkK7gXzf1073yn@iglou.com>
Source record: 267007

In article <1704ED9C9S86.O1EVERT@VM1.CC.UAKRON.EDU>,
O1EVERT@VM1.CC.UAKRON.EDU (Tom Evert) wrote:

> P.S. Someone raised the question of Cell telephones themselves being
> illegal because they are capable of receiving cell phone calls. Do
> cordless telephones fall into this same category?? Just a thought.

It depends. If you are a participant in the phone call, it is not illegal.
Likewise, if you have the permission of atleast one of the participants in the
call, then you may monitor the call and it still isn't illegal. Only when you
intercept a call that you are not a part of and none of the participants has
given you permission to monitor does it become illegal.

David
davidm@iglou.com

3816. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-10-14 04:19:04 UTC
From: guru314708@aol.com
Message-ID: <37l0ro$ncd@newsbf01.news.aol.com>
Source record: 267242

In article <376vug$3ru@narnia.ccs.neu.edu>, zen@ccs.neu.edu (Paul Nash)
writes:

Hmmmmm???? That's funny, I have a CB from Radio Shack that I bought
oh about 18 years ago and it's still working like new and then there's
my eight channel scanner that's been through two car accidents and 14
years of beating and it still keeps right on ticking and then there's my
STA 2100 240 watt stereo receiver that's about 12 years old and gets used
every single day! I could go on & on & on but I would just have to
suggest
maybe reading the owners manual once in a while and maybe your stuff
would last.

3817. Washington Area Frequencies -- Up-to-date listing?

Newsgroup: rec.radio.scanner
Date: 1994-10-14 04:40:49 UTC
From: mrw13@merhaba.cc.columbia.edu
Message-ID: <37l24h$51m@apakabar.cc.columbia.edu>
Source record: 267245

I have a fairly comprehensive list of public safety and other related frequencies for the Washington, DC Metropolitan area. I downloaded it from this newsgroup last year, but it's dated March 12, 1992. I would appreciate someone either posting or emailing a more up-to-date list if it exists.

Thanks,

Marc Wollemborg

3818. Centre Cty,Pa freq's?

Newsgroup: rec.radio.scanner
Date: 1994-10-14 04:41:11 UTC
From: "Matthew R. Muenzen" <MRM134@psuvm.psu.edu>
Message-ID: <94287.004111MRM134@psuvm.psu.edu>
Source record: 267244

Although I might be going against the "topic" of this group, I have a question and didn't see any other groups that could help. Does anybody have the police/fire and ambulance frequencies for the Centre Cty,PA or State College area? Please e-mail me at mrm134@psuvm.psu.edu. Thanx...

3819. 463.70 in New York City

Newsgroup: rec.radio.scanner
Date: 1994-10-14 05:50:31 UTC
From: mrw13@merhaba.cc.columbia.edu
Message-ID: <37l677$7v8@apakabar.cc.columbia.edu>
Source record: 267138

Does anyone know who operates on this frequency? From what I can hear, it sounds like it is the output frequency for two different repeaters. One is Columbia Security which uses digital squelch and the other is perhaps a trucking company of sorts which uses a pl-tone. Anyhow, can someone look up to whom this frequency is licensed to.

Thanks,

Marc Wollemborg
<mrw13@columbia.edu>

3820. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-14 05:50:46 UTC
From: georgec@onramp.net
Message-ID: <37l67m$iv8@news.onramp.net>
Source record: 267135
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

>ALSO I thought the radar used in metropolitan areas were at least 25 WATT.
>
>Also check out the weak field theory. I believe gravity is caused by this.
>
The microwave sources used in motion detectors/radars, etc are almost allways 10-50 milliwatt units with 17db horns. Classic example sold to hams for 10 ghz 15 years ago was the
M/A Gunnplexer. 25MW I think it was. 17 db horn. 1.25 watts ERP.

Get a life.

-G

3821. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-14 05:55:13 UTC
From: georgec@onramp.net
Message-ID: <37l6g1$iv8@news.onramp.net>
Source record: 267139
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <782028454snz@microvst.demon.co.uk>, tgold@microvst.demon.co.uk ("Anthony R. Gold") says:
>>
>With K-40 pay the medical expenses for you, and those around you?
>
>--
>Tony, G3SKR & AA2PM

What Medical Expenses?

3822. Wanted: Montreal, Quebec scanner frequencies.

Newsgroup: rec.radio.scanner
Date: 1994-10-14 08:39:54 UTC
From: aj860@FreeNet.Carleton.CA
Message-ID: <CxnMqJ.Jz6@freenet.carleton.ca>
Source record: 267084

Hi!

I'm searching over the net a list of Montreal Frequencies.
Please post it directly to my Electronic Mailbox.

Thank you very much,

Joel Bedard.

--
Joel Bedard Etudiant en informatique de gestion a l'UQAM.

Internet : aj860@Freenet.Carleton.Ca
Bitnet : bl108%Cleveland.Freenet.Edu@CUNYVM

3823. Scanners with PL Tone Capability and/or Pager tones

Newsgroup: rec.radio.scanner
Date: 1994-10-14 09:49:13 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <18a_9410141035@rccons.lm.com>
Source record: 267035

Hello gregm@ccwf.cc.utexas.edu!

14 Oct 94 05:52, gregm@ccwf.cc.utexas.edu wrote to All:

gcue> I'm looking for a scanner that is capable of pl tone scanning.

Yes. Get a Uniden BC-760XLT. Can program PL tones from a list of 38 into each channel as needed.

gcue> I also am trying to find out if there are any scanners capable of
gcue> squelching out until the recieve a preprogrammed pager tone. By pager
gcue> tone, I'm referring to the tones used by Public Safety departments to
gcue> tone out units.

No scanner has built in 2 tone or 5/6 tone pager decoding at this time. I wish they did. You can purchase a 2 tone decoder from Communications Electronics and attach it to the line out or speaker out of the scanner. Operation may be poor at best unless the channel to decode is set as the only channel to monitor or on priority. The first tone is only 1-2 seconds long or less, depending on format, and with the receiver scanning it may miss the first tone and not decode.

gcue> Is the company Plectron still in business??? They used to make single
gcue> freq. monitors that have the capabilities abouve.

Yes. I don't have any info for them. Motorola makes a monitor, Minitor II, which can be carrier squeclch, PL, or 2 tone decode activated. Accessories for scan area available from outside sources.

Another source makes a PC programmble 2 ch. monitor w/scan & priority. PL, carrier or 2 tone decode.

You may look at getting USED monitors from another dept. which has upgraded recently.

Rick Christian, AAJP/BSEE
Internet: rccons!rec@telerama.lm.com

3824. Scanners with PL Tone Capability and/or Pager tones

Newsgroup: rec.radio.scanner
Date: 1994-10-14 09:52:58 UTC
From: gregm@ccwf.cc.utexas.edu
Message-ID: <gregm-1410940252580001@slip-1-20.ots.utexas.edu>
Source record: 267251

I'm looking for a scanner that is capable of pl tone scanning.

I also am trying to find out if there are any scanners capable of squelching out until the recieve a preprogrammed pager tone. By pager tone, I'm referring to the tones used by Public Safety departments to tone out units.

Is the company Plectron still in business??? They used to make single freq. monitors that have the capabilities abouve.

Any info. is greatly appreciated.

Greg Middleton, Firefighter/EMT
Travis County Fire Control

--
Greg Middleton
gregm@ccwf.cc.utexas.edu

3825. Re: Washington Area Frequencies -- Up-to-date listing?

Newsgroup: rec.radio.scanner
Date: 1994-10-14 12:19:27 UTC
From: jcosiman@clark.net
Message-ID: <37lt0f$s8a@clarknet.clark.net>
Source record: 267258

Marc Richard Wollemborg (mrw13@merhaba.cc.columbia.edu) wrote:
: I have a fairly comprehensive list of public safety and other related
: frequencies for the Washington, DC Metropolitan area. I downloaded it from
: this newsgroup last year, but it's dated March 12, 1992. I would appreciate
: someone either posting or emailing a more up-to-date list if it exists.

http://rever.nmsu.edu/~weasel
http://dice.dac.neu.edu/Homepages/paul/index.html

These are two web sites that have freq stuff. One is better than the
other, but I can't remember which is which. You might also try
oak.oakland.edu via ftp. They have a lot of mods and such, but don't know
if they have freqs...

--
+---+
| jcosiman@clark.net - jcosimano@his.com |
| ^^^^^^^^^^^^^^^^^^ |
| Finger for PGP public key |
+---+

3826. Re: Scanners with PL Tone Capability and/or Pager tones

Newsgroup: rec.radio.scanner
Date: 1994-10-14 12:29:11 UTC
From: pfunke@qa.pica.army.mil
Message-ID: <pfunke.24.00077CC7@qa.pica.army.mil>
Source record: 267262

In article <gregm-1410940252580001@slip-1-20.ots.utexas.edu> gregm@ccwf.cc.utexas.edu (Greg Middleton) writes:
>From: gregm@ccwf.cc.utexas.edu (Greg Middleton)
>Subject: Scanners with PL Tone Capability and/or Pager tones
>Date: Fri, 14 Oct 1994 02:52:58 -0700

>
...

>Is the company Plectron still in business??? They used to make single
>freq. monitors that have the capabilities abouve.

>Any info. is greatly appreciated.

>Greg Middleton, Firefighter/EMT
>Travis County Fire Control

>--
>Greg Middleton
>gregm@ccwf.cc.utexas.edu

Plectron's phone number is 501-869-2877. I know that they are still
in business (recently ordered replacement components for repair of older
plectron units) and would imagine that they are still making new units.

Eric Pfunke

3827. Frequencies Centered About a Long/Lat Pair

Newsgroup: rec.radio.scanner
Date: 1994-10-14 12:35:19 UTC
From: usfmcw2j@ibmmail.com
Message-ID: <9410141500.AA25794@inet-gw-1.pa.dec.com>
Source record: 267165

---------- Mail Item Text Follows ----------

To: INTERNET--IBMMAIL
cc: THERMANN--DRBN005

From: Matt Loiselle
Subject: Frequencies Centered About a Long/Lat Pair

Would anyone be interested in getting a list of licensed transmitters that are within a certain radius centered at a specific point? I can produce a list of all licensed transmitters within any distance of a point specified by a longitude/latitude pair.

For more information you can contact me via email at usfmcw2j@ibmmail.com.

Matt Loiselle |
| A = A
usfmcw2j@ibmmail.com |
m.loiselle@ieee.org |

3828. Re: Pro 43- 400 Channels.

Newsgroup: rec.radio.scanner
Date: 1994-10-14 12:49:44 UTC
From: tfoecke@nist.gov
Message-ID: <tfoecke-1410940849440001@steel.nist.gov>
Source record: 267263

> In article <37fqkd$b1u@newsbf01.news.aol.com> you write:
> >From: chip30@aol.com (Chip30)
> >Subject: Re: Pro 43- 400 Channels.
> >Date: 12 Oct 1994 01:02:05 -0400
>
> >In article <tfoecke-1110941426450001@steel.nist.gov>, tfoecke@nist.gov
> >(Tim Foecke) writes:
>
> >When I follow this procedure on my Pro-43, I get the message: Error
> >Am I missing something, or is my 43 a different model?
>
>
> Try modifying your scanner first!
> ~~~~~~~~~

Two comments. First, the original message is not mine. My header was put on top through a crappy editing job. Second, to the lameoid who did not read this thread back one more message, this was a trial of a rumored keyboard mod taken from a service manual.

Watch it, your ignorance is showing. . .

3829. Re: Scanners with PL Tone Capability and/or Pager tones

Newsgroup: rec.radio.scanner
Date: 1994-10-14 12:57:24 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cxnyno.C92@nntpa.cb.att.com>
Source record: 267266

In article <gregm-1410940252580001@slip-1-20.ots.utexas.edu>,
Greg Middleton <gregm@ccwf.cc.utexas.edu> wrote:

>....Is the company Plectron still in business???
> They used to make single >freq. monitors that have the
> capabilities above.
>
>Any info. is greatly appreciated.

Plectron's new address is:

Plectron
Plectron Place
P.O. Box 960
Imboden, Arkansas 72434

telephone 1-(501)869-2877

They still sell monitor receivers, and I have their product
literature. Parts and manuals for their older monitor
receivers are also available.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

3830. Maruhama RT-618

Newsgroup: rec.radio.scanner
Date: 1994-10-14 13:05:10 UTC
From: gary@phoenixs.co.uk
Message-ID: <220945519wnr@phoenixs.co.uk>
Source record: 267265

I'm looking at getting a scanner and I saw an advert for the Maruhama
RT-618. Does anyone know this scanner? Is it totaly cool or a waste
of space. Please give me your 0.02 worth.

Gary
--

Gary Smith | Phoenix Software
Technical Support Engineer | Tel 0759 304885
gary@phoenixs.co.uk | Fax 0759 304341

3831. Re: DDI Box Principle

Newsgroup: rec.radio.scanner
Date: 1994-10-14 13:05:22 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.504.000D174B@ccm.hf.intel.com>
Source record: 267034

In article <starinCxL678.2uy@netcom.com> starin@netcom.com (Jeffrey Starin) writes:

>I'm wondering if anyone out there in radioland can enlighten me as to how
>a DDI Box works. The device is intriquing, and although I do not intend
>to go out and spend $400 for one, I'd love to know the principle behind
>its operation.

Each time the tower wants the phone to do something, it sends a chirp of
digital data. This chirp is on the same frequency as the audio during a
conversation. When a phone is not in use it is montoring the control channel.
The DDI box can decode the digital data so that when the tower sends a
command to change to a different cell the box tells your radio what frequency
to change to.

The box does more than that, but that the basic concept.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3832. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-14 13:25:03 UTC
From: parnass@ihlpf.att.com
Message-ID: <Cxnzxs.CFx@nntpa.cb.att.com>
Source record: 267270
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

- 1 -

Last changed: October 14, 1994 |

Introduction to Scanning
by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, where to get it repaired if required, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves between 49.67 and 49.99 MHz by their sensitive baby monitor intercom.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. A new law threatens to outlaw listening | to cordless phones, too. |

It is now illegal for companies to sell recently | manufactured scanners which cover or can be easily modified to cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have enacted their own | laws against listening to cordless phones. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend many of the AOR brand scanners.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners almost always provide more audio than portables, and portables are usually more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band. Usage of the 800 - 950 MHz | band is growing fast and you will miss out on the action unless your scanner covers this band.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio specifically designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to many scanner owners.

Currently, the more popular scanners include the Uniden/Bearcat 760XLT (a/k/a 950XLT) and Radio Shack PRO-2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT) and Radio Shack PRO-43 portables. A number of owners report problems with the Uniden/Bearcat 8500XLT and 2500XLT and new replacement models are rumored. |

Considered by many as the best scanner ever made, the 400 | channel Radio Shack PRO-2006 has recently been replaced by | the 1000 channel PRO-2035.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be somewhat more prone to lightning strikes because they are not at "DC ground."

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Wal-Mart, K-Mart, Service Merchandise, and Circuit City sell scanners, but carry just a few models. Department stores, like Sears Roebuck and Montgomery Wards, sometimes offer low end scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- Marymac Distributing (Katy, TX) sells Radio Shack scanners at discount, but charges a 20% restocking fee for returned merchandise. Telephone (800)231-3680 and (713)392-0747.

- Scanner World (Albany, NY). Telephone (518)436-9606.

Beware of inflated "shipping and handling" charges and be sure to include these when comparison shopping.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, garage sales, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your

warranty. Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

KD4MOJ maintains a scanner modification server for people without FTP access. You can request a list of scanner modifications by sending electronic mail with the words GET INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove

Enterprises for about $25. This single edition contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. It will likely disappoint experienced scanner hobbyists and is better suited for beginners. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about

$100. The DOS access software is somewhat difficult to use and the frequencies are displayed with annoying leading zeroes.

Grove enterprises sells FCC license information on floppy disks. Disks for each state are sold separately, and the information is basically the same as the FCC "state sort," i.e., transmitter location (state/city), callsign, licensee name, and type of license. Some hobbyists find Grove's DOS access software is easier to use than the PerCon CDROM access software.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

I developed a process which produces a color map of FCC licensed and selected FAA transmitter sites in an area, given a center location (latitude/longitude) and a range (in miles). I call this new innovation a RadioMap(TM). It allows you to identify antenna sites (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of interest -- from VLF through microwave. Streets, rivers, and ham radio stations are not shown as they would clutter the RadioMap. RadioMap includes key sheets which list frequencies, callsigns, and licensee names. In rural areas, ranges of up to 10 miles are possible, while ranges of 1/2 to 3 miles produce best | results in urban cities.

Currently, I will produce custom color 8-1/2" by 11" | RadioMaps, suitable for framing or laminating, only for areas in Illinois, Indiana, Wisconsin, Michigan, Missouri, New York, Ohio, and Pennsylvania. Send $19.95 for each | color RadioMap, your name, address, and telephone number, along with center location (lat/long or nearest intersection of 2 streets) to: Bob Parnass, 2350 Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM central time.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being

placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the

ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded, attenuating cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. Rick Christian advises these strict rules for the AOSCNet Scanner Radio Echo (as of 2/1/94):

1. No discussion of cellular modifications or discussions on how to monitor cellular transmission.
2. No discussions on topics which would violate the ECPA '84, TDDRA '93, (18 USCA 2510 et seq.) or Communications Act 1934 & 1984 as amended (47 USCA 705), i.e., decoding/reception of paging, cellular, encrypted stuff, descrambling etc..
3. No Aliases.
4. No discussion of Shortwave or Amateur Radio material (except SAREX).

For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for

membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is the foremost club for scanner radio hobbyists in the northern Illinois area. CARMA was formed from the Chicago chapter of the Radio Communications Monitoring Association (RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays at area restaurants, about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about 4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members sometimes sell radio equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year subscription is available by mailing a $10 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Many CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for the remainder of 1994. All meetings will be held on Saturdays at the Destiny Restaurant, 1440 Rand Road, Des Plaines, IL:

October 15
December 10

Bring a notebook and your appetite.

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

3833. How to Find Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-14 13:30:23 UTC
From: parnass@ihlpf.att.com
Message-ID: <Cxo06o.CIs@nntpa.cb.att.com>
Source record: 267274
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

- 1 -

last changed October 14, 1994 |

HOW DO YOU FIND THESE SCANNER FREQUENCIES?

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

I am often asked, "How do you find these frequencies?" Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books

The most convenient source of fire and police frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores for under $10. Police Call is basically a computer printout of FCC license information in the fire, police, local government, and conservation services in two lists: by licensee name within state, and by frequency. Later editions have included a few pages of local airport and nonsensitive federal government frequencies.

I highly recommend Richard Barnett's 1992 book, Monitor America, published by Scanner Master Corp., and available from Grove Enterprises for about $25. This second edition is crammed full of police, fire, local government, news media, sports, national park, and commercial broadcast frequencies for all 50 states. The information was compiled mainly from members of the world's largest scanning club, the Radio Communications Monitoring Association (RCMA). Monitor America contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.

Beyond Police Call, available from several sources including Radio Shack, covers the business, schools, and other stations not covered by Police Call, its sister publication. One volume covers the entire USA, but no call signs are shown.

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide. The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $20. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is the best book in print for this difficult to obtain information.

A more accurate, but smaller and less comprehensive book is Midwest Federal Frequency Directory. It was published in 1986, and copies are getting scarce. Copies may still be available for $10 from Scan America.

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells the information on PC floppy disks for each state instead.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The DOS access software is somewhat difficult to use and the frequencies are displayed with annoying leading zeroes.

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

I developed a process which produces a color map of FCC licensed and selected FAA transmitter sites in an area, given a center location (latitude/longitude) and a range (in miles). I call this new innovation a RadioMap(TM). It allows you to identify antenna sites (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of interest -- from VLF through microwave. Streets, rivers, and ham radio stations are not shown as they would clutter the RadioMap. RadioMap includes key sheets which list frequencies, callsigns, and licensee names. In rural areas, ranges of up to 10 miles

are possible, while ranges of 1/2 to 3 miles produce best | results in urban cities.

Currently, I will produce custom color 8-1/2" by 11" | RadioMaps, suitable for framing or laminating, only for areas in Illinois, Indiana, Wisconsin, Michigan, Missouri, New York, Ohio, and Pennsylvania. Send $19.95 for each | color RadioMap, your name, address, and telephone number, along with center location (lat/long or nearest intersection of 2 streets) to: Bob Parnass, 2350 Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM central time.

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)1. Only 12 of the 21 information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau", indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'2.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information is marked 'unclassified', but all fields are furnished, including some which indicate security related usage. Grove sold this set of 33 microfiche cards for about $13.

Two way radio equipment formerly used by the armed forces often appears for sale at hamfests. Less often, Secret Service and FBI radios appear there from time to time, too. When you see such equipment, look over the radio for a frequency label and write down the frequencies stamped on the crystals or channel elements. Make note of any service or property tags which specify the agency or military base which used the equipment.

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists

about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

Since the early 1960s, I had been an amateur radio operator, and belonged to amateur radio clubs, but I never realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road
Springfield, OH 45503

Do Your Own Sleuthing

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

More about sleuthing will be discussed in Part II of this article.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

Part I of this series discussed how scanner enthusiasts can obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

What Makes Station Identification Difficult?

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters. Police and fire departments, especially those with trained radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are

given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information.

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find Dymo or P-Touch tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I examined a military manpack radio being used by

dispensary paramedics. The radio's tuning dial was set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored personnel carriers at the local county fair, each equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM radio had a set of channel select pushbuttons, much like those in a car radio. I asked a guardsman a few questions about the radio, and he demonstrated the channel preset feature. A panel above the channel pushbuttons was labeled with the frequencies: 32.055, 34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at the Marseilles armory "open house". The public was permitted to climb aboard, and observe the instrumentation and radio gear. A channel plate on the instrument cluster listed over a dozen frequencies.

Hobbyists are urged to exercise a modicum of restraint and good judgement. In New Jersey, a radio technician/hobbyist called to service a transmitter in a county building, noticed a new unattended repeater installation in the same room. Being curious about what frequency this repeater was on, he opened the access door to copy the frequencies from the radio's crystals. It turns out that this radio belonged to the US Secret Service, and opening the access door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's permission to tamper with that equipment.

Another source of frequency information is as close as your nearest Radio Shack store. Some Radio Shack stores make a local frequency list available to assist their scanner customers. Be sure to ask. Stores located in shopping malls almost always know the mall security frequencies. I often check the frequencies programmed into the floor model scanners, too.

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the Radio Shack PRO-2035, | ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

How Can I Determine To Whom I'm Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot easier for me, and legal for them! (one may use FCC license microfiche, described in Part I of this article, to identify stations using call letters.) Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls. A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi

antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center (XYZ is a pseudonym for the actual licensee name.)
Lisle, Illinois

I watched the driver pick up a microphone, and listened to him on my portable scanner checking back with his "base".

All the pieces fit: the "guests", the "classes", the "instructors". Mystery solved; I had been monitoring the customer training center for a large computer manufacturer. The training center has hotel rooms and dining facilities to accommodate students from out of state. As a convenience, shuttle van service is provided to local shopping malls.

Summary

Through books, government records, and radio clubs, scanner listeners can make use of frequency information compiled by others. Two-way radio users often fail to identify their transmissions properly, making it more difficult for listeners to know who they are monitoring. By examining radio equipment labeling, and monitoring and taping transmissions, scanner enthusiasts can unearth new information.

Addresses

Grove Enterprises,
PO Box 98,
140 Dog Branch Road,
Brasstown, NC 28902.
tel (704)837-9200

Official Scanner Guide,
PO Box 712,
Londonderry, NH 03053.

Scan America,
430 Garner Drive,
Suffield, OH 44260-1557

Scanner Master,
PO Box 428,
Newton Highlands, MA 02161.
telephone 1-800-722-6701.

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1. See "The Government Giveth, the Government Taketh Away", by Richard Prelinger, in Monitoring Times, July 1982.

2. See "AFIO and the FOIA", by Bob Grove, in Monitoring
Times, September 1982.

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

3834. Buying a Used Scanner Radio

Newsgroup: rec.radio.scanner
Date: 1994-10-14 13:30:47 UTC
From: parnass@ihlpf.att.com
Message-ID: <Cxo07B.CKA@nntpa.cb.att.com>
Source record: 267026
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed September 12, 1994 |

BUYING A USED SCANNER RADIO

by Bob Parnass, AJ9S

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Anybody with enough money can buy a brand new scanner, but you can save lots of money if you get a good deal on a used scanner. Hamfests are probably the best place to find used radios, but you must be familiar with the equipment. Hamfests are repleat with older radios you won't see in today's catalogs.

At last count, there were over 70 scanners and monitor receivers of various brands in my collection. I purchase most of my receivers at hamfests or horsetrade with other radio hobbyists. This article describes a few of the FM receivers in my collection, and is not meant to be complete.

A Used Scanner May be a Broken Scanner

Getting a bargain is not without some risk. I have had sellers look me square in the eye and tell me their radio worked fine -- when it really didn't.

Buying a used portable scanner is riskier than buying a mobile or base model. Portable scanners are subject to more physical abuse and many have been dropped. If a radio has been dropped, the laws of probability dictate that the first point of impact was probably a corner, so be sure to examine each corner for evidence of trauma.

Scanners used in mobile service are subject to vibration, dust, and temperature extremes. This shouldn't dissuade you from buying a used mobile scanner, but be aware of possible complications.

You should have some recourse if the radio you buy turns out to be defective.

If you can't fix the radio yourself, you can pay to have the manufacturer or a service clinic repair it for you. Several people have been pleased with Electronic Repair Center, in Franklin Park, IL, which repairs scanners for a flat fee. Call them at (708)455-5105 to find out their current rates. G & G Communications (telephone 716-768-8151) is another scanner repair company. This family owned company repairs scanners and stocks parts for several older models. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Evolution of the Scanner

It helps to understand some scanner history before shopping for a used scanner. You will likely see radios from many vintages at a hamfest, and should avoid buying early units unless you are a scanner collector.

One of the earliest ancestors to the scanner was the converter. Manufactured by Tompkins (Tuneaverter), Petersen, Bearcat (Lil Tiger), Midland, and others, converters were made to operate in conjunction with AM radios. Then came wide band monitor receivers, in both tunable and crystal control models, like the Radio Shack PRO-2B. Truthfully, converters and tuneable FM receivers are interesting but don't work well by today's standards.

While tuneable receivers were in vogue, solid state technologies supplanted tubes. Better performing, narrow band crystal controlled units, like the Sonar FR-105, followed. These units did not scan, rather channel selection was accomplished using a simple rotary switch. Sonar even made a 24 channel unit, model FR-2513, in which crystals were held in a rotary "turret."

The earliest scanners, like the 1968 vintage Bearcat BCH, | BCL, and BCU models, did not provide individual channel | lockout capability. Electra didn't use the term "scanner" | and instead called these innovative radios "business | receivers." Other models, like the SBE Sentinel, employed | a "Channel 1 Bypass" switch so a user could lockout channel 1.

The first scanners came in single band models, followed by multiband models. As two-way radio users started to populate the 450 - 470 MHz band, consumers were forced to pay a premium for UHF scanner coverage. Some multiband scanners, like the Electra's Bearcat III, required an optional circuit board for each band.

There were scanner mutations, designs which never evolved -- odd combinations of AM broadcast receivers with VHF-FM receive capability, like the flamboyant turquoise Sonar

Sentry FR-103 portables, Electra's Jolly Roger, and GE's Surveyor series. Lafayette Radio Electronics offered a few CB transceivers with VHF receiver capability. These poor performers didn't interest consumers of that era and you should avoid these models unless you are a scanner collector.

The first programmable (crystal-less) scanners were difficult to program. Users had to look up frequencies in a code book and tediously program the information into the scanner in binary form. Some models, like the Bearcat BC-101, Radio Shack COMP 100, and Tennelec MCP-1, resembled Altair or PDP-8 computers, with a row of 16 or so toggle switches. Instead of toggle switches, the Regency WHAMO-10 was programmed by breaking teeth from metal combs. The SBE Optiscan (and its Sears clone) required poking a series of holes in plastic cards which were then inserted into a slot on the front panel.

Keyboard Programmable Scanners

Both Bearcat and Regency, as well as Radio Shack offer some good models. I would avoid the Bearcat 100, and scanners made by AOR, JIL, Fox, Tennelec, and Robyn.

Scanner features often differ not only by model but by manufacturer. For instance, most Radio Shack and Bearcat programmables allow enable/disable of the delay function on a per-channel basis. Older Regency units permit the delay to be enabled/disabled only globally, that is, for all the channels at one time.

Radio Shack scanners contain a reasonable number of features. All the older Radio Shack scanners were made by General Research Electronics (GRE). Uniden began making scanner models for Radio Shack in the late 1980s, and now supplies about half the Radio Shack scanners. The older GRE-made models scan a bit slowly and have a higher level of synthesizer noise. Most have too much hysteresis in the operation of the squelch control, but this can be fixed completely by replacing one resistor. Good, detailed shop manuals are available for Radio Shack units for $5 - $12.

In the name of cost cutting, some models have done away with the concept of a "channel bank", i.e. the ability to select/deselect a group of channels at a time. The bank concept was a good one. It may be inconvenient to operate a 30 channel scanner without banks (e.g. Regency MX3000, HX1000) if you operate the way many scanner hobbyists do.

If you want to buy an American-made scanner, you will have to buy an old model. A few years ago, the Regency and

Bearcat scanner lines were purchased by Uniden, a Japanese company, and production was moved to Asia.

My favorite VHF/UHF receivers are the 300 channel Radio Shack PRO-2004, the newer 400 channel PRO-2005 and PRO-2006, and the ICOM R7000 and R7100. The ICOM models are more "communications receiver" than a conventional scanner.

Other favorites include the Bearcat 300 and 760XLT, Regency M400, and the Regency K500 (predates the M400), all of which include a "service search" feature.

For portable use, I prefer the Radio Shack PRO-43 and Uniden/Bearcat 200XLT.

Obtaining Crystals

If you do purchase a crystal controlled scanner or monitor receiver, you will probably want to buy more crystals to cover local frequencies.

Scanner crystals may be ordered from your local Radio Shack store or from one of the companies below. Be sure to specify the operating frequency you want and the brand and model of scanner.

Some companies may ask you to send a schematic of the scanner or require more detailed information, like series or parallel resonance, load capacitance, etc.

American Crystal Co.
1623 Central Ave.
Kansas City, KS 66102
tel. 913-342-5493

Bomar Crystal Company
201 Blackford Ave.
Middlesex, NJ 08846
tel. 908-356-7787

Cal Crystal Lab Inc.
1142 N. Gilbert St.
Anaheim, CA 92801
tel. 714-991-1580

International Crystal Mfg Co.
11 N. Lee Ave
Oklahoma City, OK 73102
tel. 405-236-3741

Jan Crystals
Box #-6017
Fort Myers, FL 33911
tel. 813-936-2397

Monitor Crystal Svc
124 W Walnut St Watseka, IL 60970
tel. 815-432-5296

ICOM

R-7000: At about $1000, this was once the top VHF/UHF receiver. 99 channel, multi mode coverage from 25-2000 MHz with a small gap at 1000-1025 MHz. Memory can be expanded to 198 channels by adding simple switch to pin 19 of memory IC8. Tuning knob lets you tune through parts of the spectrum much easier than using the SEARCH mode on conventional scanners. Selectable USB/LSB allows reception of new amplitude compandored sideband (ACSB) stations. S-meter doubles as discriminator meter to aid tuning. Useful search and store feature, reminiscent of the the Bearcat 250, searches between 2 limits and automatically stores new frequencies into channels 80-99. Audio and control interface for tape recorder. Noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Searches and scans slowly but can be sped up to about 12 cps by adding a resistor. Too big for permanent mobile use, but too nice to leave alone in the car. If you don't want to spend $1000, get a Radio Shack PRO-2004/5/6 instead.

R-7100: At about $1300, this is the Cadillac of VHF/UHF receivers. 900 channel, multi mode continuous coverage from 25-2000 MHz. The radio RF/IF/AF portions of the R7100 are similar to the older R7000, but the R7100 is constructed using surface mount parts. Both the R7000 and R7100 are much more immune to intermod than the Uniden/Bearcat 760XLT and the portable PRO-43. The firmware in the R7100 is much more sophisticated. 9 banks of 100 channels. Further, you can associate each channel with 1 of 10 groups. Many possible ways to scan. 10 pairs of search limits. Search and store ("memory write") scan mode lets you store 100 frequencies instead of the 20 in R7000. Another R7100 improvement is that you can program up to 100 channels for the R7100 to skip while searching. R7100 has 2 VFOs ("windows"). Both the R7000 and R7100 scan slowly compared with PRO-2004 and PRO-2006, and that's a drawback. Both the R7100 and R7000 employ a noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Scanning a mixture of VHF and UHF frequencies serenades the Icom user with a very annoying clickety-clack, clickety-clack!

UNIDEN/Bearcat and Electra/Bearcat

Bearcat III (Electra): 8 channel crystal controlled scanner. Requires optional front-end circuit board for VHF-low, VHF-high, and UHF bands, but only 2 boards can be

installed within the radio at the same time. Two crystal filters. No aircraft band coverage nor rescan delay. Front mount speaker sounds good. Strong local oscillator radiation often causes interference with other scanners in the same house.

Bearcat IV (Electra): 8 channel crystal controlled scanner. Newer version of Bearcat III but has better IF filtering and contains front-end circuitry for VHF-low, VHF-high, and UHF bands. No aircraft band coverage. Three crystal filters. Front mount speaker sounds good. No rescan delay.

Bearcat 12 (Electra): One of the last decent crystal controlled scanners. 10 channels. Variable scan speed up to 20 ch/sec. Single delay on/off switch. Front mount speaker sounds good. Manual contains schematic. Selectivity is poorer than programmable models, like the 300, allowing adjacent channel interference. Covers VHF-low, VHF-high, and UHF bands but no aircraft band coverage. Crystal positions must be arranged by band.

BC101 (Electra): First Bearcat synthesized unit. 16 channels, no priority. Frequency programmed in binary by setting toggle switches on front panel after looking up code in code book. No frequency readout. Uses custom IC for CPU, now discontinued, so factory authorized service is no longer available. I have four of these units. DC operation requires optional mobile power supply.

BC100 (Electra): First programmable portable scanner. Be prepared for at least one repair in the first year. Early units, with threaded antenna connector, have high frequency of repair, particularly LCD readout, keyboard, and battery holder. No battery backup. Poor case design in early units caused battery to disconnect from radio, resetting microprocessor and clearing memories. No priority channel or aircraft band. Some people swear by the BC100, others swear at them.

BC220 (Electra): 20 channels. Reasonable number of features but 20 channels doesn't seem enough. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC20/20 (Electra): A BC220 but with 40 channels. A maximum of 20 channels can be scanned at one time. Reasonable number of features. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC250 (Electra): 50 channel model, rich in features, but lacks aircraft band and 144-146 MHz. Search and Store

feature extremely useful for finding federal frequencies. Clock. High frequency of repair. Power transistors not heat sinked adequately, causing heat damage to surrounding components and circuit board. Failure of Q204 on the feature board known to cause odd display readings. Digital circuitry very sensitive to glitches caused by static and AC line spikes. Avoid 1978 or earlier vintage units. All BC250s use custom ICs (e.g., IC6, a divider chip, mfd. by Exar), which are now discontinued, so factory service is no longer available from Uniden.

BC260 (Electra): Super heavy duty metal cabinetry and lit controls, aimed at mobile use for firemen, police, etc. Few frills, only 16 channels, no aircraft, but generous coverage of federal bands omitted in the older Bearcat scanners. Good sensitivity. Lots of audio. Good internal construction. Backlit keyboard allows operation in the dark, but the keyboards on some units require high pressure to operate. Brightness control for display and keyboard, but multiplexor circuitry for vacuum fluorescent display produces audible whine which may be annoying in a quiet room. Backlighting may fail in some units due to poor contact on connector used to fasten light panel to front circuit board. 9 volt regulator transistor Q28 (TIP29) may fail, causing blank display while leaving audio intact. Method of connecting an external speaker is awkward.

BC300 (Electra): 50 channel top of the line scanner. Service Search feature contains 11 ROM banks of preprogrammed channels. Switching power supply failure noted in early units due to insufficient capacitance - component value was changed in newer units. Schematics show at least 100 components changed between earliest and later units. Preset squelch pot, mounted internally on circuit board, misadjusted in new units - adjustment usually required after burn-in period. Good sensitivity. Built in clock. I leave it on 24 hours a day. This is a favorite.

BC350 (Electra): 50 channels in 5 banks. Includes aircraft. Used to be Bearcat's top of the line, overpriced scanner but never very popular. Dual use keyboard and display allowed 8 text characters to be associated with each channel, a feature clumsily implemented, and awkward to use. Units plagued with various hardware problems including bad memory ICs and short life power transformers. Firmware bugs without cures. The BC300 is a much better scanner than the BC350, and at a lower price.

800XLT (Uniden): 40 channels in two banks. Covers 806-912 MHz, as well as of vhf, uhf, and aircraft bands. Receives

10 meter fm and all of 6 meters, as well as federal portions of vhf and uhf bands. Fewer birdies on vhf-lo band than other scanners. Scans and searches very fast. Clean, robust audio output. Extremely sensitive, but very prone to overload by strong signals when connected to outdoor antenna. Too much play (hysteresis) in squelch adjustment - can be improved by changing one resistor. Positive terminal in memory backup battery holder installed backwards in early units, allowing memory loss when scanner unplugged from AC outlet. Tunes in increments of 12.5 KHz on 800 MHz band, whereas cellular telephones are on 30 KHz channels.

BC100XLT (Uniden): Excellent 100 channel portable with 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Generous coverage of conventional bands, including commercial aircraft, but no 800 MHz. Decent leather-like case. Slide-on 550 mAH NiCd battery pack.

BC200XLT (Uniden): Excellent 200 channel version of BC100XLT portable scanner but includes 800 MHz band. 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Decent leather-like case. Slide-on NiCd battery pack.

Regency

TMR series: First generation crystal scanners. Come in all varieties of band coverage. Models with both UHF and VHF bands must use separate antennas for each band (disadvantage in mobile installations, but can be overcome by connecting two front ends via a capacitor). Not sensitive enough to cover the entire 30 - 50 MHz range in a single model. There three versions of VHF-low band coverage depending on the part of the 30 - 50 MHz band covered (LL, LM. and LH). TMR scanners use unsocketed incandescent bulbs for channel indicators which require periodic replacement. Easy to crystal: Radio Shack crystals work well. TMRs usually $2 and up at hamfests, often in poor condition. Don't pay more than $50, even if mint. Front ends must be tuned for selected portions within the bands for best sensitivity. Wide IF selectivity troublesome in urban/suburban areas. Primitive digital scanning circuitry may become confused at times. but power off/on restores sanity. Replace aging capacitors in the scanning circuits. You can find a TMR8H eight channel high band unit most often.

TME series: The base versions of the TMR models. Both the TME and TMR models share many common circuits but the base versions contain speakers mounted on the front panel. The

most common TME model is the TME8 H/LM eight channel dual band scanner in a metal cabinet with wood coloring.

ACTR series: Replaced the Regency TMR units. By the time Regency made the ACTR units, they no longer offered different models for different parts of the 30 - 50 MHz band. Look for the later ACT series, e.g., ACTR-106 (10 channel tri band) or ACTR20/6 (20 channel tri band), used light emitting diodes for channel indicators instead of incandescent bulbs. Available in 1 to 20 channel models - most are multi band receivers. Somewhat wide selectivity. Not all that bad a deal if cheap.

ACTE series: The base versions of the ACTR series. The ACTE and ACTR circuitry is similar, although the base versions contain speakers mounted on the front panel. The most common ACTE model is the ACTE8 H/L eight channel dual band scanner in a black metal cabinet.

WHAMO-10: Regency's first synthesized scanner. Appearance more like a crystal scanner, with a single LED per channel. User has to break off teeth on a metal 'comb' for each channel according to a code book. External frequency control unit DFS-5K optional. UHF VCO reference oscillator drifts on some units. Soldered sheet metal shields around some circuitry make access to some components difficult for servicing. Comb sockets prone to bad connections after moderate use. Not recommended due to maintenance difficulties.

K500: Nice wood-like cabinet. 40 channel model with every feature Regency could dream of in one scanner, except aircraft band. Idle tone bypass feature for mobile phone stations works about 50% of the time. Weather alert feature. Service Search in several banks. Search and Store facility not implemented as well as BC250, but better than none. Built in clock when radio off or in manual mode. Can be programmed out of band. Reasonable performance, but sensitivity could be better. Spring contacts on membrane keyboard may need soldering after prolonged use.

K100: Bare bones version of the K500. 10 channels, no priority feature. Same wood-like cabinet and reasonable performance as K500. Spring contacts on membrane keyboard may need soldering after prolonged use.

M400: 30 channel replacement for K500. Service Search, but no aircraft. Easily programmable out of band. Built in clock when radio off or in manual mode. Backlit keyboard good for night viewing and mobile use but generates RFI into nearby SW receivers. A favorite.

MX3000: 30 channel replacement for M400, but basic features only. Nice lit keyboard, but may cause RFI into nearby SW receivers. Easily programmable out of band, but no aircraft. All 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Good first scanner.

M100: 10 channel unit. Same as MX3000 except different color and fewer channels. Nicely lit keyboard, but may cause RFI into nearby SW receivers.

HX1000: Good, fairly rugged, 30 channel handheld synthesized unit. Generous out of band coverage but no AM aircraft coverage. Built by Azden. Very sensitive on UHF, but annoying audio hiss leaks through speaker when squelched. Belt clip chintzy, but can be directly replaced with better clip from Kenwood TR2600A. Like the MX3000, all 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Low discount price makes this best choice for programmable portable.

HX650/H604: 6 channel crystal portable. Likely made by Sanyo. Same as Fannon and Bearcat Thin Scan units, (except that Bearcat has 10.8 MHz IF frequency, and is harder to get crystals for), but scans faster. Small size and common crystals (available at Radio Shack), make this 1st choice for bare bones portable scanner.

Radio Shack

PRO2004: Top of the line, wide band scanner for 1987. After a diode is cut, enjoy continuous coverage from 25-520 and 760-1300 MHz, AM, NBFM, and WBFM. Has 300 channels in 10 banks of 30, backed up by conventional 9 volt alkaline battery. Any channel can be designated the priority channel. Scans and searches fast. Lots of well designed features, like 10 pairs of search limits, Lockout Review, default search increment and emission mode. Sound Squelch allows skipping dead carriers during search or scan. Metal cabinet, good internal construction and shielding, but no mobile mounting bracket or DC power cord. Soft touch membrane keyboard. Good sensitivity and selectivity. Very good radio.

PRO2005: Radio Shack's top of the line scanner for 1989 and scanner of choice. Essentially a size reduced PRO-2004 with surface mount components and 400 channels. Some people think the small knobs, smaller display, and plastic cabinet are a setback from the 2004. The smaller size, real rubber keyboard, and vertical front panel make it easer to use mobile, although there is no mobile mounting bracket available and the keyboard is not backlit. More

sensitive than the PRO-2004 but 800 MHz signals leak through into the commercial aero band. Highly recommended.

PRO2006: Radio Shack's 1994 top of the line scanner. Essentially the same as PRO-2005 but scans faster. Probably the best scanner made to date. Highly recommended.

PRO34: Portable scanner with 200 channels and 800 MHz coverage. Ten "monitor" channels. Operates from AA cells. Slow scanning, low audio output, and chintzy plastic case detract from an otherwise good performance. No decent leather case available from Radio Shack. If you need a portable with 800 MHz, get a Bearcat 200XLT. If you can't get a 200XLT, get a PRO-34.

PRO2021: Base/mobile scanner. 200 channels in 10 banks, LCD display and raised rubber keys. Lots of memory but scans too slowly and lacks 800 MHz. Ten "monitor" channels. Radio Shack seemed to have an overstock of 2021s as they were on sale for such a long time. Close out price dipped to about $200, which made it a nice scanner for beginners.

PRO2001: Early, single bank 16 channel programmable. Reasonable coverage of the 3 traditional bands, minus aircraft band. LED digital display as well as an LED per channel. Mechanical lockout switch for each channel. Delay is either on or off for all channels at a time. High synthesizer noise level. Troublesome plated through holes on digital board in some units renders radio virtually unfixable. Could never get mine to work more than a few days in a row; always another bad connection. Some owners have no trouble.

PRO52: 8 channel VHF-Lo/Hi base unit. No UHF band or provision for mobile operation. Good little scanner despite limited frequency coverage and Spartan lack of frills. Crisp squelch action and good audio, helped by a front mounted, vertical speaker.

PRO2003: Radio Shack's 1986 top of line. 50 channels + 10 FM commercial broadcast band channels. Includes aircraft. Good frequency coverage and functionality, but at a high price. Poor human engineering: difficult to read keyboard makes the PRO2003 hard to operate unless in a well lit room. Keyboard label coloring improved on newer units. Rather slow scan rate and high price. Although there are provisions for 12VDC operation, the cabinet shape and lack of mounting bracket makes mobile operation impractical. Scan rate only 8 channels/sec vs. 15/sec in Regency and Bearcat. Causes RFI: Plastic case permits scanner to

radiate signals into nearby receivers.

PRO30: 16 channel programmable portable with aircraft band. Good frequency coverage. Extra controls on top allow control of SCAN, MANUAL, and PRIORITY functions while worn on belt. Good belt clip. Low audio output. Plastic case prone to break at BNC antenna connector under severe use, vs. metal frame in Regency HX1000. High price, no discounts or sales yet. I had 6 or 7 PRO30s, having to return them several times during the 1 year warranty, although other owners have had little or no trouble. Troubles included oscillation in IF stage, no UHF band reception, case broken around base of antenna connector, etc.

PRO24: Only 4 channels in this crystal controlled portable. Covers the three basic bands, but no aircraft. Easy to obtain batteries and crystals. Characteristic Radio Shack squelch problem, fixable by changing one resistor. All-plastic case larger than Bearcat Thin Scan and clones.

Craig (division of Pioneer)

4530: Japanese 10 channel crystal controlled 3 band unit. Also available under Plectron name but in different cabinet. No aircraft band. Deluxe features like priority, trimmer capacitors for netting each channel, front panel speaker, and rugged metal cabinet make this unit a winner. Channel lockout slide switches have finite life. Replacing burned out incandescent channel lamps not fun. Grab a 4530 if you find one in good condition.

Sonar:

Sonar made several crystal controlled scanners and channelized monitor receivers which shared the same RF circuitry. Each radio was housed in the same size metal case and worked on both 120 VAC and 12 VDC. The models differed in the number of channels, the band coverage, and whether individual channels could be locked out.

Although they used a 10.7 MHz first IF, Sonar radios require parallel resonant crystals different from the common series resonant crystals used in Regency and Radio Shack scanners. Some Radio Shack crystals will work in Sonar units, but more often they oscillate a few kHz off frequency and are unsuitable unless changes are made to the oscillator circuitry. Therefore, beginners should avoid these radios. Typical Sonar squelch has long time constant causing a long noise burst at the end of each transmission.

FR-104, FR-105: 6 channel monitor receivers covering 25 - 50 MHz or 150 - 175 MHz. Manual channel selection, i.e.,

no scanning. Early models are identified by an 11 pin connector on the rear and they could be used with an optional NiCd battery pack and charger which bolted to the rear panel. Later models used Cinch Jones connectors with flat contacts. Optional tone decoder board.

FR-2512, FR-2513: 24 channel versions of the FR-104 and FR-105 monitor receivers. Manual channel selection, i.e., no scanning.

FR-2514, FR-2515: 8 channel scanners. Channel 1 priority. Recommend you avoid these models as there is no way to lockout a channel from the scan sequence.

FR-2526, FR-2526, FR-2528: 10 channel scanners covering various combinations of 3 bands. Each channel could be locked out. Channel 1 priority.

Sonar Model	#chan- nels	VHF low	VHF high	UHF scans?	lock- outs?
FR104	6	X			no
FR105	6	X			no
FR2512	24	X			no
FR2513	24	X			no
FR2514	8	X		yes	no
FR2515	8	X		yes	no
FR2526	10	X		yes	yes
FR2526	10	X	X	yes	yes
FR2528	10	X	X	yes	yes

Table 1. Summary of Sonar base/mobile monitor and scanner receivers

Tennelec

Manufactured the first synthesized scanners. Company went out of business several years ago. Schematics and parts difficult to obtain. Radios reputed to be poor performers. Got my MS-2 and MCP-1 basket cases for free and sometimes regret taking them. Not worth fixing unless you have access to DTL/RTL chips and circuit diagrams.

--

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

3835. Frequency Downconverter

Newsgroup: rec.radio.scanner
Date: 1994-10-14 13:40:00 UTC
From: sysop@pfzrfsg.com
Message-ID: <29e.361.21@pfzrfsg.com>
Source record: 267053

In article <37k25d$p5t@ixnews1.ix.netcom.com> Steven Fischer
(steve4@ix.netcom.com) said:

SF> Does any one know of any companies in the U.S. that manufacture or sell
SF> frequency downconverters.

GRE makes a downconverter that shifts the 810-950 MHZ range to the 410-550 MHZ
range.

Super Converter II

GRE America, Inc.
425 Harbor Blvd
Belmont, CA 94002
(800) 233-5973, (415) 591-1400 (inside CA)

Grove sells a downconverter that shifts the 216-406MHZ range to the 118-136
MHZ range. They claim that using "bandstacking" that they can compress the
175 MHz wide military band into the 18 MHZ air band.

Grove Military Aircraft Scanverter (catalog #CRV4)

Grove Enterprises
P.O. Box 98
300 S. Highway 64
West Brasstown, NC 28902
(704) 837-7081 (technical), (800) 438-8155 (orders)

Internet E-Mail: sysop@pfzrfsg.com (System Supervisor)

3836. Re: Pro 43- 400 Channels.

Newsgroup: rec.radio.scanner
Date: 1994-10-14 14:09:16 UTC
From: kturner@infi.net
Message-ID: <37m3ec$23g@lucy.infi.net>
Source record: 267025

Tim Foecke (tfoecke@nist.gov) wrote:

: Two comments. First, the original message is not mine. My header was
: put on top through a crappy editing job. Second, to the lameoid who did
: not read this thread back one more message, this was a trial of a rumored
: keyboard mod taken from a service manual.

I have seen the theory of this mod in a post by Bill Cheek. It is more than just a keyboard mod, it requires soldering in two additional memory chips.. AK93C67F's (exact replacement) can be had from Tandy for about $35 a peice.. Or you can use a diff chip from Digikey (not positive on number) for $3-4.. a little cross wiring is involved.. These are surface mount chips, so its not going to be a easy mod... I'm just not sure how the wiring is going to be done.. for the chip select..

BTW, that 400 channel excerpt was printed in 2 places in the service manual.

Keith Turner
KE4QOL..

3837. Re: ELIMINATE ALT.RADIO.SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-10-14 14:27:18 UTC
From: rjgrocho@aud.alcatel.com
Message-ID: <37m4g6$e3c@fozzy.aud.alcatel.com>
Source record: 267171

In article 131094113523@jimsmac.ttech.com, jim@ttech.com (Jim Wayda) writes:
>
> (mailbombing suggestion cut)
>
>I would appreciate replies and help from anyone and everyone. I am tired of
>reading two newsgroups for no valid reason!! ~~~~~~~~~~~~~
~~~~~~
\
Then *don't*! It's that simple!

If you feel that the information is redundant ("... no valid reason"), then
you won't be missing anything by reading only one of the two groups. Let
"natural selection" take it's course, it works just fine without clogging up
the network with useless posts and mailbombs. If only one scanner group is
needed, then only one scanner group will survive. If you feel that you *must*
read both groups, or the world will come to a crashing end, then I suggest
you re-evaluate your priorities. That is MNSHO.

Robert
~~~~~~

3838. Re: Never in Palo Alto

Newsgroup: rec.radio.scanner
Date: 1994-10-14 14:27:38 UTC
From: fd@wwa.com
Message-ID: <37m4gq$nj4@sashimi.wwa.com>
Source record: 267028
Cross-posted to: alt.2600,alt.radio.scanner,rec.radio.scanner,chi.media,chi.general,misc.legal

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: In article <37hvfc$dm9@sashimi.wwa.com> fd@wwa.com (Glen L. Roberts) writes:

: >You're removed... and I trust non of the 12 million people with scanners
: >that can listen to cordless phone calls live on Palo Alto... I'm sure
: >non of them want to know that such listening is a federal offense now,
: >and I'm even more sure that no residents of Palo Alto use cordless phones,
: >so none of them are at risk to having their privacy invaded, credit card
: >or bank account numbers lifted... I'm sure Palo Alto is not like it is
: >here, where every 3rd person has a cordless phone, unknownly pumping
: >their private affairs onto the airwaves for all to peep in on...

: >I'm sorry to have wasted your email time with that blurb...

: The Palo Alto Weekly does not cover such issues. They try not to cover
: stories that the major local papers already have.

And, the major papers have covered that... nor have they ever really
covered those issues in the past... They might also have said WHAT
they did cover (you have so far done a better job than they have).

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
KEVIN MITNICK DISGUISE KIT: From your fax: (708) 356-9646 doc #903
email for uuencoded .TIF of T-Shirt Honoring the FBI

3839. Re: BearCat 210

Newsgroup: rec.radio.scanner
Date: 1994-10-14 14:33:46 UTC
From: domonkos@access.digex.net
Message-ID: <1uedkiubGcK2066yn@access.digex.net>
Source record: 267170

In article <cb91s124.a8nk@sycom.mi.org>, Corey Berger wrote:
> Hi, I've asked for several mods while on this base, and I was wondering for
> my father if there is a mod. for the BearCat 210? This mod would be for
> upgrading it so it can receive the higher freqs. that the new models can get.
> My dad doesn't want to pay several hundred dollars for a new scanner when
> his works perfectly fine. Well dig into the vaults and see what you come up
> with any suggestions would be appreciated. If there is a diode or a chip or
> anything that can be replace or added. Also if added so the scanner can get
> Cell Phone freqs.
>
>
> Thanks Corey
>

I too have an old BC210 that I won't part with. Last year I bought a scanner converter, the GRE Super Converter II. It converts the entire 800-912Mhz range to the 400-512 Mhz of the BC210. It works great, and the converters are still available for $79 from Grove Enterprises. It's part number is CVR2 for handheld scanners and CVR3 ($84.95) for base scanners. Grove's number is 1-800-438-8155. Good luck.

Andy

3840. Re: Freq's Needed For Fairfax Cnty VA Sheriff's Office

Newsgroup: rec.radio.scanner
Date: 1994-10-14 14:52:56 UTC
From: jthurs@gcr.com
Message-ID: <37m608$d2d@mandolin.gcr.com>
Source record: 267169

djvelez@aol.com (DJVelez) writes:

>In article <jernandez-051094115316@jernandez.pbs.org>, jernandez@pbs.org
>(John J. Ernandez) writes:

>: I need some help with the Fairfax Cnty. VA Sheriff's Office :
> frequencies.

>John, have you tried the Frequency Forum BBS in Vienna, VA? There's all
>kinds of local freq lists there, and the number (can't find it at the
>moment but the BBS is listed in most BBS mags) is local.... Dan
(703) 207-9622...hope this helps!
--Jason

==
| Jason Thurston | jthurs@gcr.com |
| Firefighter III/EMT-A |_________________________|
| Dumfries-Triangle Rescue Squad, Stations 3-Rescue & 17 |
| Prince William County, Virginia, USA |
==

3841. Shielded weather radio

Newsgroup: rec.radio.scanner
Date: 1994-10-14 15:41:08 UTC
From: ccopreb@phantom.oit.gatech.edu
Message-ID: <37m8qk$1im@phantom.oit.gatech.edu>
Source record: 267167

I'm looking for a weather radio suitable for use in a large computer data center. The Radio Shack weathercube we have gets clobbered by all the RF noise since it has absolutely no shielding. A scanner receives okay, but it doesn't react to the "weather-alert" tones that NOAA puts out. A shielded weathercube with an antenna jack is roughly what I'm looking for. Anyone here know where I can find one? Thanks.

--
Earl Barfield -- Operations Department / Information Technology
Georgia Institute of Technology, Atlanta Georgia, 30332
Internet: Earl.Barfield@oit.gatech.edu ccopreb@prism.gatech.edu
earl@fantasy.gatech.edu ccopreb@oit.gatech.edu

3842. Speedx World of Utilities Electronic Edition, Oct.94

Newsgroup: rec.radio.scanner
Date: 1994-10-14 15:48:00 UTC
From: ae411@yfn.ysu.edu
Message-ID: <199410141548.AA07918@yfn.ysu.edu>
Source record: 267097
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

Date: Fri, 14 Oct 1994 11:48:00 -0400
Message-Id: <199410141548.AA07918@yfn.ysu.edu>
From: ae411@yfn.ysu.edu (Richard Baker)
Subject: Speedx World of Utilities Electronic Edition, Oct.94

```
========================================================================
===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
========== Vol. 4, No.11 October, 1994 ==========
========================================================================
Edited by Richard Baker
ae411@yfn.ysu.edu
*Please feel free to re-post this file to other boards, as long as
the file remains unchanged. Permission is granted to use this
information so log as SPEEDX, and World of Utilities Electronic Edition
is cited as the original source. COPYRIGHT 1994, SPEEDX.
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////////////////////////////// UTILITIES \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Ute Logs and Frequency Information
Mike Wolfson, Editor
1842 Mifflin Ave
Ashland, Ohio 44805

AERO

5550 OASIS 902: 0028 5/2 USB (wkg NY w/position rpt, SELCAL chk-BGBA) (Clar,
NY)
5574 SINGAPORE 1: 0928 5/17 USB (wkg San Francisco w/position rpt, enroute
to Hong Kong) (Clar, NY)
5598 LTU 441: 0051 5/2 USB (wkg Shanwick w/position rpt, SELCAL chk-HJFQ)
(Clar, NY); AIR AFRIQUE 091: 0056 5/4 USB (wkg Santa Maria w/position
rpt, SELCAL chk- FDBM) (Clar, NY)
5643 NEW ZEALAND 6981: 0943 5/15 USB (wkg Auckland w/position rpt, SELCAL
chk BLHJ) (Clar, NY); QANTAS 49: 0945 5/17 USB (wkg Auckland, flt level
request) (Clar, NY)
5649 SCANDINAVIAN 912: 0200 5/1 USB (wkg Gander w/position rpt) (Clar, NY);
OLYMPIC 412: 0233 5/1 USB (wkg Gander, request SELCAL chk- CHDK) (Clar,
NY)
5696 GRP PHILADELPHIA: USCG 0657 5/18 USB (wkg COMMSTA Boston-NMF w/radio
chk) (Baker, Oh)
5718 N2S: USN 0315 5/21 USB (wkg V4F w/ref to ALLIGATOR LINK-11 freq, odd
freq, Canadian Forces) (Baker, Oh)
6535 ETHIOPIAN 8921: 0037 5/4 USB (wkg Dakar w/position rpt) (Clar, NY);
FIR: Dakar IFSS Senegal 0520 5/18 USB (wkg flt ?-790 w/change of flt
```

level, flt ?-740 w/waypoint chk-in) (Baker, Oh)
6577 GUYANA 711: 2301 5/1 USB (wkg NY w/position rpt) (Clar, NY)
6586 SPRINGBOK 201: 2338 5/10 USB (wkg Accra w/position rpt, flt level request) (Clar, NY); JETSET 22: Air 2000 UK 2258 5/10 USB (wkg NY w/position rpt) (Clar, NY)
6993 AF 2: 1830 5/20 USB (wkg ANDY, pp to CROWN) (Baker, Oh)
8825 VIASA 708: 2226 5/1 USB (wkg NY w/position rpt, SELCAL chk-CKAD) (Clar, NY)
8846 AIR EUROPE 711: 0021 5/1 USB (wkg NY w/position rpt) (Clar, NY); AMTRAN 390: 2206 5/1 USB (wkg NY w/position rpt) (Clar, NY)
8861 SPEEDBIRD 244: 0044 5/2 USB (wkg Recife Brazil w/position rpt) (Clar, NY)
8894 SPEEDBIRD 57: 2356 5/2 USB (clg Algiers, no joy, wkg Niamey w/position rpt) (Clar, NY); SWISSAIR 265: 0039 5/18 USB (wkg Algiers w/position rpt, SELCAL chk AGCO) (Clar, NY)
11176 BLUE ZERO 1: 1422 5/23 USB (wkg ANDREWS w/flt ops, 6 POB were noted) (Johnson, Il); ASCENSION GHFS: 1905 5/30 353 (wkg various USAF planes w/tfc & pp) (D'Angelo, Pa)
11178 PAMA: HrMS Karel Doorman 1935 5/6 USB (clg PEMMA, no joy) (Navary, Va) Dutch warship -RD
11220 SIERRA 310: USAF 1605 5/12 USB (on CHANNEL BRAVO, msg re a press conference, dinner w/Russians, menu) (Lukas, NY)
11300 MAURITIUS 042: 0025 5/22 USB (wkg Cairo w/flt level rpt and position) (Clar, NY); EGYPT AIR 822: 0213 5/22 USB (wkg Khartoum w/position rpt) (Clar, NY)
11306 LIMA RADIO: Peru 0443 5/12 USB (wkg AMERICAN 999, 901) (Navary, Va)
13201 XPM: USAF Thule Greenland 1758 5/17 USB (SKYKING b/c) (Lukas, NY)
13217 XRAY 906: USAF 1921 5/17 USB (Base NIGHTWATCH wkg perimeter) (Lukas,NY)
13354 POLYNESIAN 315: 0036 5/6 USB (wkg Honolulu w/position rpt, SELCAL chk-CQJR) (Clar, NY); AIR CHINA 986: 0053 5/6 USB (wkg Honolulu) (Clar, NY)
15015 ADNF: NO ID 1545 5/15 USB (unk USA vessel wkg McDill GHFS w/pp to AAC2-Ft Eustis Va Harbormaster) (Navary, Va)

CW

4015 NMH: USCG Systems Command Alexandria Va US 1906 5/21 (wkg KC8UR, clg CQ & QSX 3705 for Armed Forces Day) (Baker, Oh)
4192 SZJM: M/V Pacific Prosperity 0402 5/11 (AMVER msg) (Navary, Va)
6288 IGJ43: Augusta Naval Radio 0420 5/11 (marker) (Navary, Va)
6834.2 NBL: USN NAVSUBASE Groton Ct US 1543 5/21 (wkg W9SUM, K1VMI for Armed Forces Day) (Baker, Oh)
6970 NMN: USCG CAMSLANT Chesapeake Va US 1530 5/21 (wkg W8FEC, K4FRM, WQ5L for Armed Forces Day) (Baker, Oh); 6970; NMN: CAMSLANT Chesapeake 0240 5/22 (sending SECDEF msg for Armed Forces Day) (Navary, Va)
8352 SYRF: M/V Golden Trader 0254 5/17 (wkg HPP w/msg to Panama) (Navary, Va)
8374 ELLE3: M/V Van Trader 0505 5/4 (wkg KFS) (Navary, Va)
8402 C6JF3: M/V Chiquita Roma 0146 5/21 (wkg OBC3) (Navary, Va)
8459 YQI4: Constanta Radio Romania 0130 (wkg YQCM, YQHY, YQRC)(Navary, Va)
8470 XFL: Mazatlan Radio Mexico 1127 5/15 (marker) (Navary, Va)
8506 XSX: Chi Lung Radio Taiwan 1125 5/15 (marker) (Navary, Va)

8527 OBY2: Paita Radio Peru 0344 5/11 (wkg PPXN) (Navary, Va)
8577 HLO: Seoul Radio S Korea 1120 5/15 (marker) (Navary, Va)
8606 ZRQ: Cape Naval S Africa 0551 5/20 (sending PARIS loop, marker) (Navary, Va)
8682 EAD: Madrid Radio Spain 0206 5/12 (wkg ICVG) (Navary, Va)
12581.1 KFS: Palo Alto Radio Ca US 1437 4/28 (ID) (Lukas, NY)
12696.1 KFS: Palo Alto Radio Ca US 2043 5/10 (marker) (Lukas, NY)
12750 CWA: Cerrito Radio Uruguay 2300 (ID, call for tfc) (Babin, Ma)
12780 D3E51: Luanda Radio Angola 2032 5/10 (marker) (Lukas, NY)
12800.4 PCH51: Scheveningen Radio Netherlands 1848 5/12 (marker) (Lukas, NY)
12857.6 6WW: Dakar Naval Radio Senegal 1802 5/4 (marker) (Lukas, NY)
12861.3 4XO: Haifa Radio Israel 2011 5/10 (marker) (Lukas, NY)
12874.8 VCS: Halifax CG Radio Nova Scotia Canada 1508 5/5 (marker) (Lukas, NY)
12888.4 EAD44: Madrid Radio Spain 1605 5/4 (marker) (Lukas, NY)
12913.1 FFL6: St Lys Radio France 1540 5/4 (marker, CQ) (Lukas, NY)
13034 WCC: Chatham Radio Ma US 1445 5/4 (marker, CQ) (Lukas, NY)
16835 WNU: Slidell Radio La US 0100 4/28 (ID) (Lukas, NY)
16976 USCG NORFOLK: Va US 2315 (CQ, ID) (Babin, Ma.)
16984 RIO RADIO: Rio de Janeiro Brazil 2310 (call for tfc) (Babin, Ma)
17050.8 4XZ: Haifa Radio Israel 1930 4/29 (marker) (Lukas, NY)
17074 LGB: Rogaland Radio Norway 1840 5/21 (tfc list, CQ marker) (Baker, Oh)
17194.5 PPR: Rio de Janeiro Brazil 1920 (ID) (Hall, SA)
17215 JBD: Nagasaki Radio Japan 0916 (ID) (Hall, SA)
17232.8 9VG53E: Singapore Radio 0913 (M/17232.9 khz QSX 16Mhz CH13458 10) (Hall, SA)
22450.1 PPO: Olinda Radio Brazil 1910 5/29 (marker) (Ward, Ca)
22460.9 FUJ: Noumea Naval New Caledonia 2254 5/8 (marker) (Ward, Ca)
22476 NMO: USCG COMMSTA Honolulu Hi US 0345 5/10 (marker) (Ward, Ca)
22485 VHC: Belconnen Australia 0231 5/10 (marker) (Ward, Ca)
22518 WCC: Chatham Radio Ma US 2202 5/28 (marker) (Ward, Ca)
22544 FUM: Papeete Naval Tahiti 2201 5/7 (marker) (Ward, Ca)
22565 XSW: Taichung Radio Taiwan 0456 5/21 (marker) (Ward, Ca)
22587.5 LPD91: General Pacheco Radio Argentina 2156 5/5 (marker) (Lukas, NY)
22592.5 A9M: Bahrain Radio Bahrain 0351 5/21 (Ward, Ca)
22610.5 CLA: Havana Radio Cuba 2138 5/28 (marker) (Ward, Ca)
22646.5 JOS: Nagasaki Radio Japan 0220 5/10 (marker) (Ward, Ca)
22669.5 JCS: Choshi Radio Japan 2311 5/8 (marker) (Ward, Ca)
22688.6 WLO: Mobile Radio Al US 2134 5/23 (marker) (Lukas, NY)
22690.5 JOU: Nagasaki Radio Japan 0214 5/10 (marker) (Ward, Ca)

MARINE

518 USCG COMMSTA BOSTON: Ma US 5/12 SITOR B (wx b/c sked) (Babin, Ma)
2182 H9CK: M/V Freewinds 0547 5/31 USB (wkg Bermuda Harbor Radio re distressed M/V Elaine taking on water, QSY 4125) (Baker, Oh)
2670 NMR1: USCG San Juan Puerto Rico 0658 5/24 USB (wkg S/V Sandy Kay 2 re medico on bd, establish radio guard) (Baker, Oh)
4113 HPEN: C/S SS Britanis 0321 5/27 USB (wkg WOM w/R/T tfc) (Baker, Oh)
4125 H9CK: M/V Freewinds 0612 5/31 USB (wkg USCG San Juan re M/V Elaine

taking on water, pumps and supplies passed to Elaine, Elaine enroute to San Juan) (Baker, Oh)
4134 NRCB: USS Bowen (FFT-1079) 0233 5/11 USB (wkg NMN w/2 xmitr tests) (Baker, Oh); NPCR: USCGC Dallas 0532 5/3 USB (wkg COMMSTA New Orleans) (Navary, Va)
6200 NOPQ: USS Thorn (DD-988) 1839 5/9 USB (wkg NMF-COMMSTA Boston, re secure RTTY freq) (Baker, Oh)
6224 SOUTHBOUND II: 0030 5/29 USB 444 (wkg various vessels in Caribbean w/wx) (D'Angelo, Pa)
6227 AADX: USAV Buena Vista 2221 5/16 USB (clg AAC2, no joy, QSY Channel 5) (Navary, Va)
6516 NDCH: USCGC Point Francis (WPB-82356) 1653 5/26 USB (w/CTU, cutter in "green", CTU in red or clear) (Baker, Oh); USCGC Grand Isle: 1344 5/28 USB (wkg CTU) (Navary, Va) *CTU is Commander Task Unit -RD
8198 6NBK: Vessel Je Won 55 0014 5/26 USB (w/R/T tfc via WOM) (Baker, Oh)
8207 IBBG: American Family Cruises (Costa) SS American Adventure 1430 5/5 USB (w/R/T tfc via WOM) (Baker, Oh)
8216 WOO: Oceangate Radio NJ 1413 5/10 USB (wkg Glorianna) (Lukas, NY)
8240 NRQW: USCGC Sweetgum (WLB-309) 0420 5/18 USB (clg NMG, no joy) (Baker, Oh); GXBH: HMS Beagle 2228 5/5 USB (clg Portishead Radio) (Navary, Va)
8297 ADNF: NO ID 2232 5/16 USB (unk USA vessel, clg USS Buena Vista-AADX) (Navary, Va)
8776 W3F: USN 0437 5/17 USB (wkg a/c net w/Y4W, V4S w/coded msg, coast channel 820) (Lukas, NY) USN HICOM -RD
12242 ICGA: M/V Aquitania 1718 5/6 USB (wkg NMN re medical problem, request that NMN pass msg to CIRM Rome) (Navary, Va); NYWL: USCGC Thetis 1933 5/20 USB (wkg CAMSLANT w/pp to Group Key WEST) (Navary, Va)
12500 FOUR ZULU: 1856 5/4 USB (wkg ONE YANKEE, middle of ship RTTY band) (Navary, Va)

PHONE

4020 WAR: Ft Detrick Md US 1515 5/21 LSB (wkg N2BIN, AA3CT, W2LVN for Armed Forces Day, ID, listening on 3995.5 for QSOs) (Baker, Oh)
4035 AAR: Ft Bragg NC US 0139 5/22 LSB (wkg W4NJKI for Armed Forces Day) (Baker, Oh)
4038.5 NAV: USN MARS HQ Md US 0145 5/22 USB (wkg WA4JQS for Armed Forces Day, listening on 3965) (Baker, Oh)
6779 DRDX: German Navy Attack Submarine FGS U-30 0020 5/14 USB (wkg DHJ59-Wilhelmshaven in EE/GG/RTTY comms) (Baker, Oh); DRDV: German Submarine U-28 0341 5/13 USB (wkg DJH59) (Navary, Va); DRKD: Gluecksburg 0421 5/6 USB (wkg DHJ59) (Navary, Va)
6834.5 NBL: NAVSUBASE Groton Ct US 1630 5/21 LSB (clg CQ, announcing 7520, wkg WA8AHV for Armed Forces Day) (Baker, Oh)
7313.5 AFF2T: USAF MARS Training Net 1450 5/21 USB (Baker, Oh)
7345 NMH: USCG System Command Alexandria Va US 2054 5/21 USB (clg CQ, listening on 7252 LSB, wkg VE3HMV for Armed Forces Day) (Baker, Oh)
7391 NNN0CVG: USS Dwight D. Eisenhower (CVN-69) 2035 5/21 USB (wkg NNN0ZTI w/pp tfc) (Baker, Oh)
7535 MCM-11: USS Gladiator 1456 5/24 USB (unk call, wkg SESEF re xmitr tests, QSY 18200) (Baker, Oh); NZDN: USS Fairfax County 1424 5/13 USB

(wkg Norfolk SESEF) (Navary, Va)
7741 NICB: USCGC Forward (WMEC-911) 2355 5/13 USB (wkg AIRWOLFE 73 for landing time) (Baker, Oh)
14441.5 NNN0CVV: USS Yellowstone (AD-41) 1903 5/1 USB (clg ASSMS) (Baker, Oh)
14478.5 NZJ: MCAS El Toro Ca US 1926 5/21 USB (wkg K4KBI, K8AQ, N3KLR for Armed Forces Day) (Baker, Oh)
15630 NO ID: 0004 5/15 AM (SS 5 numbers grps) (Bellovich, Fl)
16300 OMZ: MFA Prague Czech Republic 1605 USB (nx in Czech) (Hall, SA)

RTTY/FAX

518 VFN: CCG Montreal Canada 0750 5/31 FEC (w/experimental FF NAVTEX info) (Baker, Oh)
3898.2 TNL: ASECNA Brazzaville Congo 0141 ARQ M2 96/408 (idling) (Hall, SA)
4023.6 3BZ: Plaisance Air Mauritania 0152 ARQ E3 48/864 (idling) (Hall, SA)
4487.6 TNL: ASECNA Brazzaville Congo 0210 ARQ M2 96/394 (wx codes) (Hall, SA)
4813.2 LZA8: Sofia Meteo Bulgaria 0342 50/497N (wx codes) (Hall, SA)
5160.2 5UA: ASECNA Niamey Nigeria 0227 ARQ M2 96/406 (wx codes) (Hall, SA)
5474 CSY: Santa Maria Air Azores 0455 5/31 50/750 (RY, ID) (Baker, Oh)
5847.9 TUH: ASECNA Abidjan 0405 50/427R (meteo codes) (Hall, SA)
6785 MKK: British Army London UK 1830 VFT 50/170 (RYs, ID) (Hall, SA)
6835.3 NO ID: 0153 5/22 50/400 (coded wx) (Baker, Oh)
6895.4 NO ID: 1840 ARQ E3 72 476 (scrambled FF tfc) (Hall, SA)
7464.6 5YE: Nairobi Meteo Kenya 1900 FAX (very good Indian Ocean chart) (Hall, SA)
7508 ZRO2: Pretoria Meteo South Africa 0434 FAX (vg chart on 7506.3 USB) (Hall, SA)
8165 5YD: Nairobi Air Kenya 0016 5/31 50/170 (RY, ID) (Baker, Oh)
8225.9 NO ID: 1710 86/999 (queer speed/shift, garbage on screen) (Hall, SA)
8366 WTEJ: NOAA Survey Ship McArthur 1440 5/11 SITOR A (wkg NMC w/AMVER tfc) (Blair, Ca)
8376 GBTT: Queen Elizabeth 2 0203 5/31 SITOR A (tlx tfc, off the coast of Normandy for D-Day events) (Baker, Oh)
8381 NQST: USNS Sealift Arctic 2145 5/6 SITOR A (obs msg) (Navary, Va)
8401.5 USYQ: PB Baltijskaya Slava 0019 5/31 50/170 (RY to UIW, no joy) (Baker, Oh)
8414 UJUF: TH Anna Ul'yanova 0420 5/3 50/170 (TG's) (Baker, Oh)
8465.7 JJC: Tokyo Radio Japan 1743 FAX 60/576 (JJ newspaper, very interesting) (Hall, SA)
8556.1 SAB44: Goteburg Radio Sweden 1753 SITOR A (tfc in Swedish for "Vikingland") (Hall, SA)
10133 NPL: DIRNAVMARCORMARS Reg 5 San Diego Ca US 0340 5/22 75/170 (msg from Sec of Defense) (Baker, Oh)
10496.2 MKK: British Army London UK 1820 VFT 50/170 (on several channels) (Hall, SA)
11139 CTV71 ?: Portuguese Navy ? 0450 5/18 75 baud (ID correct ?, 2 stns on same freq sending to each other, one stn ends with QAP NESTA, QAP=listen for me on...) (Navary, Va)
11326 ALB2: NO ID 0440 5/18 PACKET (attempting to contact ALB, BOM attempting to contact OLI, no idea who this is, any ideas ???)

(Navary, Va)
12140 HWN: French Navy Paris France 1706 75/800R (RYs/SGs+ 1WERTYOUOP ??)
(Hall, SA)
12474 C4BT: M/V Hunter 2140 5/20 SITOR A (tlx w/position rpt) (Baker, Oh)
12481.5 PGKQ: Vessel Northern Explorer 0318 5/18 SITOR A (Dutch tlx, SELCAL
QYYV) (Baker, Oh)
12507 KNJA: SS Tampa Bay 1230 5/30 SITOR A (tlx tfc) (Navary, Va)
12559 YLBP: MK Z. Griva 2219 5/8 RTTY (RY to UDH Riga Radio, into TGs)
(Baker, Oh)
12585 WLO: Mobile Radio Al US 2200 5/10 SITOR A 555 (nx) (Card, RI)
12780.5 5BJB: M/V Seaboni 1623 5/6 SITOR A (tlx to Athens in Greek) (Navary,
Va)
13444.4 RFQP: French Forces Djibouti 1055 ARQ E3 100/377 (idling) (Hall, SA)
13864.5 NO ID: 1700 SITOR A (always idling, never sending) (Hall, SA)
14356 GFL24: Bracknell Meteo UK 2047 5/21 50/400 (coded wx) (Baker, Oh)
14359.1 SNN299: MFA Warsaw Poland 0700 72/261N (Polish/EE tfc to embassies,
weird shift) (Hall, SA)
14383 GXQ: British Army London UK 2010 5/21 50 baud (test tape) (Navary,
Va)
14642.1 MFA CAIRO: Egypt 0725 SITOR A (EE nx) (Hall, SA)
14960 RFTJ: French Forces Dakar Senegal 0920 ARQ E3 192/404 (idling)
(Hall, SA)
15562.6 NO ID: 1646 PICCOLO (strong signal) (Hall, SA)
15950 RBI777: Moscow Meteo Russia 1636 FAX 90/576 (fair chart) (Hall, SA)
16092.8 ECHO: South Africa 1138 PACKET (ECHO chatting to Lima in Africaans)
(Hall, SA)
16104.2 MFA OSLO: Norway 1147 TWINPLEX 100/? (M7000 can not decode) (Hall,
SA)
16125 RFQP: French Forces Djibouti 1155 ARQ M2 200/393 (CdeV @+50,
unlisted in Klingenfuss) (Hall, SA)
16187 5YE: Nairobi Meteo Kenya 1231 FAX (superb chart) (Hall, SA)
16261.9 RFTJD: French Forces Libreville Gabon 1610 ARQ E3 192/393 (5 ltr
grps for RFFABCR, RFFIM) (Hall, SA)
16312.6 C37A: NO ID 1600 100/314 (listed in Klingenfuss, could not decode)
(Hall, SA)
16689.5 YJZD3: Chemshion 0020 5/27 SITOR A (wkg KPH) (Blair, Ca)
16693.5 GBSA: M/V Author 1802 5/26 SITOR A (AMVER msg) (Navary, Va)
16697.5 UKVD: M/V Novokuibyshevsk 1910 5/22 SITOR A (AMVER msg) (Navary, Va)
16699.5 UBSR: Kapitan V. Izanov 0010 5/27 SITOR A (wkg HPP w/coded wx)
(Blair, Ca)
16702 C6KK9: Franina 2324 5/23 SITOR A (w/tfc for NYC via WCC) (Blair, Ca)
16703.5 DZUV: M/V Handy Explorer 2136 5/20 SITOR A (tlx via Scheveningen
Radio-PCH65) (Baker, Oh)
16705 PPJV: Frota Maraba 1255 5/16 SITOR A (tlx tfc) (Navary, Va)
16708.5 TCDI: M/T Esram 0006 5/20 SITOR A (tlx to Klagenfurt) (Navary, Va)
16710 3EAW7: M/V Pacific Rider 1954 5/22 SITOR A (tlx tfc) (Navary, Va)
16716 P3AC3: M/V Atlas 1455 5/8 SITOR A (tlx to Copenhagen) (Navary, Va)
16798.9 UYKK: Sovship STM Omalo 1502 50/170N (wkg VT7- where is it???)
(Hall, SA)
16940.7 9MR: Malay Navy Johore Bahru 1205 72/846R (w/test tape) (Hall, SA)

17036.1 UXN: Arkhangelsk Russia 1213 50/170N (w/RR telegrams) (Hall, SA)
17445 5YE: Nairobi Kenya 2000 5/30 343 FAX (wx maps) (Card, RI)
17510 OXT: Meteo Copenhagen Denmark 1345 5/20 FAX (good ice conditions chart) (Navary, Va)
17521.5 HSW61: Bangkok Meteo Thailand 1243 50/351N (wx codes) (Hall, SA)
17946.7 NO ID: 1217 SITOR A (probably Egyptian diplo tfc/AA) (Hall, SA)
18030.6 RFFXI: French Forces Bangui Central African Republic 1217 ARQ E 72/406 (w/5 ltr grps for RFFXOC, RFFIK, RFFABCT) (Hall, SA)
18365.4 6WW: French Navy Dakar Senegal 1515 96/832 (crypto, unlisted) (Hall, SA)
18380.4 RFFXS: French Forces Versailles France 1510 ARQ E3 100/412 (idling, unlisted) (Hall, SA)
18385 LOR: NAVRAD Puerto Belgrano Argentina 1507 96/170N (ID, crypto, 5 ltr grps, unlisted) (Hall, SA)
18490.2 NO ID: 1102 ARQ S (S4 signal, a lot of XOCs) (Hall, SA)
18552.1 MFA BUCHAREST: Romania 1058 RUM FEC 164/375 (could not decode) (Hall, SA)
18621.5 LRO84: Buenos Aires Meteo 1445 FAX (fair chart, new freq) (Hall, SA)
18702.1 DPA SPEZIAL: Bonn Germany 1442 FEC A 96/398 (GG nx, unlisted) (Hall, SA)
18804.7 NO ID: 1435 75/482N (looked like Argentina Naval, 5 ltr grps, unlisted) (Hall, SA)
19106.6 MFA JAKARTA: Indonesia 1055 SITOR A (Indonesian tfc, unlisted) (Hall, SA)
19420.2 NO ID: 1305 ARQ S 96/486 (Xs and Os on the screen) (Hall, SA)
20091.8 MFA CAIRO: Egypt 0947 SITOR A (AA tfc, unlisted) (Hall, SA)
21065.3 NO ID: 1230 100/205 (sounded like SWED-ARQ L, unlisted) (Hall, SA)
21071.2 NO ID: 1235 SITOR A (synch pulses only, unlisted) (Hall, SA)
22379 VIP: Perth Radio Australia 0115 5/20 SITOR (ID) (Ward, Ca)
22382 NMC: USCG COMMSTA San Francisco Ca US 0315 5/21 SITOR (ID) (Ward, Ca)
22389 9VG: Singapore Radio 0509 5/21 SITOR (ID) (Ward, Ca)
22391 NO ID: 2243 5/8 SITOR (frequently heard no CW ID) (Ward, Ca)
22395 KPH: San Francisco Radio Ca US 2155 5/7 SITOR (ID) (Ward, Ca)
22396 NO ID: 2243 5/8 SITOR (frequently heard no CW ID) (Ward, Ca)
22404 UFC2: NO ID 0505 5/21 SITOR (ID) (Ward, Ca)
22420 XSQ: Guangzhou Radio China 0243 5/10 SITOR (ID) (Ward, Ca)

That about wraps things up for this month. If anyone knows where the off switch for the sun is these days, would they please use it. Between solar conditions and the usual thunderstorm garbage, I'm being reduced to consider (gasp) TV. Maybe next month will be better (P-L-E-A-S-E !!!!). Stay cool. CUN 30.

\\\\\\\\\\\\\\\\\\\\\\\\ UTILITY NOTES ////////////////////////////////
News and Information from the World of Utilities
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The most often asked question is how can a new person "break into" the utility listening hobby and understand anything at all? Well first, one has to understand that under the umbrella of "utilities" lay many different and unique sub-groups. You have your SSB or single side-band folks, who enjoy listening to several sub-groups within that area. We have maritime, international aero, government and military stations making up the lions share of listening. Now we divide say...military...into several more sub-groups such as your "serious" Air Force, or Navy listeners for example. Then some just like to tune around and see what they catch.
We have the multi-mode folks who, through the use of various decoders, search the bands for the sounds of various transmission modes, which are cropping up in a very wide variety of modes. We can again sub-divide these folks into specialty areas. For example Russian maritime RTTY or FAX reception.
Then we have the Numbers Stations folks, who enjoy the chase of finding and logging those strange numbers counters that turn up. Spies? Or Spy vs Spy? Non-directional beacon chasing also remains popular.
There are more, and not to offend anyone, the point is we have a lot of angles to look at the "ute's". So to assist the new comer in "listening to the ute's" and perhaps provide information other "veterans" didn't have before, from time to time I will present one aspect of utility listening with complete background and information as a "Monitoring the ____" series. This month the series will start with Monitoring the U.S. Coast Guard. I know there are many Speedx members who are very proficient in one aspect of the ute's or another. I'd invite these folks to interest others into their part of the hobby by writing a small article. Speedx editors start with a legal sized page. One to three pages would be ideal. Perhaps by taking the cloak off some of these stations, methods and modes more people will enjoy "listening to the ute's"!

Monitoring the U.S. Coast Guard

Members
The U.S. Coast Guard is the smallest overall in number of the five Armed Services of the United States (Army, Navy, Marine Corps, Air Force, CG). The Coast Guard becomes a part of the Navy during times of war. As of August 1991, they had 36,906 active personal made up of: Officer Corps 5,522, Warrant Officers 1,501, Cadets 921, Enlisted 29,883, and Selected Reserve 12,135. The U.S. Coast Guard traces its start back to the Revenue Marine formed in 1790. Through a variety of mergers and name changes (including the U.S. Lighthouse Service) the service became known as the U.S. Coast Guard in 1915.

Organization
Simply put, the command structure is made up of "Districts" located in the COMPACAREA or Pacific Command Area and COMLANTAREA or Atlantic Command Area. These Districts are made up of the next level in command, the "Group", as in Group Cape May or Southwest Harbor Group you may have seen logged. These Groups are made up of "Stations" (formerly Lifeboat Stations) of which there are some 150 along the shores of the U.S.
So the Stations make up the Group and the Group answers to the District who answer to the Area Command.

Boats and Cutters
Boats include approximately 2000 (number fluctuates). All craft under 65 feet in length are in this classification. Craft include Motor Lifeboat; Motor Surf Boat; Utility Boat; Surf Rescue Boat; Port Security Boat; Ports and Waterways Boat; Aids to Navigation Boat; and a variety of smaller, non-standard boats. Sizes range from 63 feet in length down to 16 feet. A "Cutter" is basically any Coast Guard vessel 65 feet in length or more, having adequate accommodations for crew to live on board. All larger cutters over 180 feet in length are under Area Commands. Cutters under 180 feet are under District Commands. The largest except for the ocean going icebreakers, are the High Endurance Cutter (hull designation WHEC). There are 12 WHEC cutters, all are 378-Class or Hamilton-class cutters. The names of the cutters honor individuals.
The next class down are Medium Endurance Cutters, or WMEC's. These are presently made up of several classes. The newest, the Bear or 270-class, are numbers WMEC-901 thru 913.
Icebreakers (hull designation WAGB): 399 or Polar-class: Length: 399 feet, Crew: 138, Maximum Speed: 18 knots, Maximum Range: 28,000 miles. These are the USCGC Polar Sea and USCGC Polar Star which serve in the Arctic and Antarctic. These are two of the largest ocean-going icebreakers in the world. The 290-class is the USCGC Mackinaw, which serves exclusively on the Great Lakes.
Icebreaking Tugs (WTGB): These are made up of the 140 Bay-class: Biscayne Bay, Bristol Bay, Katmai Bay, Mobile Bay, Morro Bay, Neah Bay, Penobscot Bay, Sturgeon Bay, and Thunder Bay.
Surface Effect Ship, "Seabird" Class (Hull designation WSES) were all decommissioned in February of this year. The three cutters; Sea Hawk, Shear-water, and Petrel, were all deployed in the Florida Keys.
Patrol Boat cutters are made up of several classes, the newest being the Island-class (Hull designation WPB-1301 to 1377).
Patrol Craft, Large are made up of the Point-class (also WPB's) which will soon start to decommission. All of this class names start with the word "Point", as in the USCGC Point Arena.
Buoy Tenders, Seagoing (WLB) are made up of several classes.
Training Cutter (WIX): USCGC Eagle is 295 feet long with a maximum speed of 11/16 knots under full sail. Training complement is 12 Officers, 38 crew, and 150 cadets (average). Eagle is a three masted sailing Barque with some 21,350 square feet of sail. Homeport is at the Coast Guard Academy, New London, Ct. It is the only active commissioned sailing vessel in U.S. maritime services and one of five such Training Barques in world. "Sister-ships" include the MIRLEA in Romania, SAGRES II in Portugal, the FGS GORCH FOCK (A-60) in Germany, and the TOVARICH in Russia.
WFCI's are the "Cigarette" boat like Fast Coastal Interceptors, based in the Fl. Keys. All are used in the drug interdiction roll, and all use tactical call signs. These cutters are believed to be to be assigned to JTF4 (Joint Task Force 4), a multi-agency drug interdiction task force.
Here is the complete breakdown of the classifications: WHEC - Heavy Endurance Cutter; WMEC - Medium Endurance Cutter; WAGB - Icebreakers; WAGO - Oceanographic Cutter; WPB - Patrol Boat Cutters; WFCI - Fast Coastal Intercepter; WIX - Training Cutter; WLB - Offshore Buoy Tender; WLI - Inshore Buoy Tender; WLIC - Inland Construction Tender; WLM - Coastal Buoy Tender;

WLR - River Buoy Tender; WSES - Surface Effects Ship; WTGB, WYTM, and WYTL - Tugs.

U.S. Coast Guard Aircraft
The HH-60J Jayhawk is the newest addition to the aviation fleet. The United States Coast Guard plans to add over 30 medium range recovery HH-60J helicopters to its fleet to replace the HH-3F Sikorsky Pelican. The H-60 is similar lo the HH-3F in many ways, and the assigned mission will be the same. However, the H-60 will have numerous upgrades including a state of the art electronics package. The H-60 is lighter, faster and the engines have more power. The H-60 will not be able to perform water landings, which the H-3 is capable of. Coast Guard Air Station Elizabeth City was the first operational unit with the Jayhawk. HH-60J Air Stations: Alabama: ATC Mobile; Alaska: CGAS Kodiak & CGAS Sitka; California; CGAS San Francisco; Florida: CGAS Clear-water, Mass.; CGAS Cape Cod; North Carolina: CGAS Elizabeth City; Michigan: CGAS Traverse City.
Long a mainstay, the Sikorsky HH-3F "Pelican" is close to, if not completely phased out of service. In 1969, Sikorsky delivered the first HH-3F to Air Station New Orleans. The basic design was put in service in 1959 with a civilian designation of S-61. A few modifications were made to this design to tailor the aircraft to the specific needs of the Coast Guard. It is from this design that the U.S. Coast Guard ordered forty airframes.
Another well used helicopter is the Aerospatiale HH-65A "Dolphin".
The United Slates Coast Guard has 96 short range HH-65A helicopters in its fleet. The twin-engine Dolphins operate up to 150 miles off shore and will fly comfortably at 150 knots for three hours. Though normally stationed ashore, the Dolphins can be carried on board medium and high endurance Coast Guard Cutters.
The primary fixed wing asset used is the HU-25A "Guardian". Forty-one HU-25A, medium range surveillance fan jets replaced the HU-16E Albatross and the C-131A Samaritan prop driven aircraft, in the Coast Guard aviation fleet. The Guardian's modern technology and design enhances it's performance as the services first multi-mission jet.

Where to Listen
Ok, now you need to know where to listen. 90% of your comms are on the following freqs:
2182 International Distress.
2670 Coast Guard cutters, SAR's and non-CG ships.
3123 Air to Ground with CommSta's
3253 1st District/Group Woods Hole.
4426/4134 4 Megs SCN or Systems Cooridination Net (Shore/Cutter).
5320 Group Common.
5692 AirSta's, Air-Ground
5696 Air to Ground with CommSta's
6501/6200 6 Megs SCN (Shore/Cutter).
6516 Cutters, aircraft, CommSta's/Groups. 50/50 secure.
8764/8240 8 Megs SCN (Shore/Cutter).
8984 Air to Ground with CommSta's
11201 Air to Ground with CommSta's

13089/12242 13 Megs SCN (Shore/Cutter).

Notice that the SCN frequency pairs are regular maritime duplex channels. These are also "public" frequencies where non-Coast Guard ships can contact the USCG also. All of these frequencies are Upper Side Band (USB). Mostly what you will hear on the majority of these frequencies are the "CommSta's" or Communications Stations. There are "senior" stations on each coast. On the east coast we have CAMSLANT Chesapeake (CAMSLANT = Communications Master Station Atlantic), c/o NAVSECGRUACT Northwest, Chesapeake, VA 23322-2598 with the call sign NMN. On the west coast its CAMSPAC San Francisco (CAMSPAC = Communications Area Master Station Pacific), 1700 Sir Francis Drake Blvd, P.O. Box 560, Pt. Reyes, CA 94956-0560, call sign NMC. Other CommSta's include: Communications Station Boston, P.O. Box 608 Marshfield, MA 02050-0005, CALL: NMF; Communications Station New Orleans, P.O. Box 520, Belle Chasse, LA 70037-0520, CALL: NMG; Communications Station Honolulu, Wahiawa, HI 96786-3050, CALL: NMO; Communications Station Kodiak Box 17, Kodiak, AK 99619-5000, CALL: NOJ. Miami (NMA) was recently closed, and Guam (NRV) has ceased scheduled broadcasts. Plans are under way to eventually run all comms from CAMSLANT and CAMSPAC via remote antenna sites.

Terms
The table below contains some of the more common USCG terms used on the air.

AIRSTA Air Station
AMVER Automated Mutual Assistance Vessel Rescue System
CAMSLANT Communications Master Station Atlantic (Portsmo
CAMSPAC USCG Communications Area Master Station Pacific
CASREP Casualty Report
CHARLIE Copy, as in Affimitive, also "Charlie, Charlie"
COAST GUARD ZERO ONE Aircraft with Commandant of USCG on Board
COMMSTA Communications Station (USN, USCG) as in Comm-S
EIGHT MEGS Refers to SCN frequency pair 8764/8240, OR 8984
ELT Emergency Locating Transmitter
ELT PATROL Enforcement of Trades and Treaties Patrol
EPIRB Emergency Position Indicating Radio Beacon
FOUR MEGS SCN Refers to SCN frequency pair 4426/4134
FOXTROT MIKE "FM" Frequency (Most often in VHF Marine Band)
FRTT Fleet Radio Teletype
HFDL High Frequency Data Link
HOIST As in doing a hoist, lifting someone from water
HOME PLATE Home Base
HOTEL FOXTROT (FOX) "HF" High Frequency/Shortwave, Sometimes Hotel
IN THE BLIND Sending Message Without Hearing Response
LANDLINE Standard Telephone
LIMA CHARLIE Loud and Clear
MARS Military Affiliated Radio System
MEDICO Medical Emergency on Board Ship
NAS Naval Air Station
PFD Personal Floatation Device

PIW Persons in Water
POB Persons On Board
RADIO GUARD Maintain a Listening Watch for Safety
RCC Rescue Coordination Center
RDF Radio Direction Finding
RTB Return to Base
SAR CASE Search & Rescue Mission
SARSAT Search & Rescue Satellite
SCN Systems Coordination Net
SEVENTEEN MEGS SCN Refers to USCG SCN frequency pair 17314/16432 Khz
SITREP Situation Report
SIX MEGS SCN Refers to USCG SCN frequency pair 6501/6200 Khz
SOB Souls on Board, Older Term for PIB
SOS Save Our Ship, Mayday
UNIFORM HOTEL Frequency band, as in: "UHF" or AM military aero
WILCO Military Term for Will Comply
WINDOW FREQUENCY Frequency of Actual RF Carrier

"That's a charlie, charlie" would mean "that's a copy" or yes, I understand. The letter "C" being the first letter in "Copy". The phonetics make it more likely the message will be received.
Another typical message may go like "CommSta Boston, this is Coast Guard Rescue 2113, we were airborne at minute 35 from home plate AirSta Cape Cod with five POB. We are enroute to an EPIRB activation at (lat/lon) and request you take our radio guard".
So, 2113 is in comms with Communications Station Boston (NMF) and is telling them they took off from Air Station Cape Cod at 35 minutes after the hour with five persons on board the 2113. They are going out to check an Emergency Position Indicating Radio Beacon that has been detected as activated and they are requesting Boston maintain a listening watch for their safety.
Boston will confirm the data, and state "standard flight op's" and assign a primary and secondary frequency for the 2113 to use. Standard Flight Operations call for the aircraft to check in each 30 minutes with their position as long as they are airborne.
Coast Guard aircraft tasked on a SAR will ID as "Rescue" and their four number aircraft ID. Those not on a SAR type case will simply ID as "Coast Guard" and the four number ID.
Aircraft ID numbers are as follows:

1430-1497 HH-3F "Pelican"
1500-1720 HC-130 "Hercules"
2101-2168 HU-25-A "Guardian"
6001-6071 HH-60J "Jayhawk"
6501-6599 HH-65A "Dolphin"

A conversation I had recently with a former "Coastie" who flew HC-130's led to one term change. That was "home plate", which I had always taken to be "home base". Not so says the former flying Coastie, merely the point of departure.

I hope this quick tour helped shed some light on these comms for you. The U.S. Coast Guard also happen to be very good QSL'ers and offer excellent public relations with SWL's and amateur radio operators. Much of this information is courtesy of the USCG.

Some of the best listening I have heard has been on the U.S. Coast Guard HF frequencies. I hope you'll give them a listen. And, I hope you like this new feature!

While on the subject, Art Blair out in San Francisco checks in with some U.S. Coast Guard HF information from a 1994 Special Notice to Mariners:
Carrier frequencies are Khz, mode is USB, times are UTC
SHIP SHORE SAN FRANCISCO HONOLULU KODIAK
NMC NMO NOJ
4134.0 4426.0 0000-2400 0600-1800 On Request
6200.0 6501.0 0000-2400 0000-2400 0000-2400
8240.0 8764.0 0000-2400 0000-2400 On Request
12242.0 13089.0 0000-2400 0000-2400 On Request
16432.0 17314.0 On Request On request On Request

High Sea's Weather:
San Francisco, NMC 0430, 1030, 1630 & 2230 UTC
Honolulu, NMO 0545, 1145, 1745 & 2345 UTC
Kodiak, NOJ 0203 & 1645 UTC

Schedule of Marine Information including Broadcast Notice to Mariners and Weather:
San Francisco, NMC 0203 & 1403 UTC on 2670.0 USB
Monterey, NMC6 0333 & 1533 UTC on 2670.0 USB
Humboldt Bay, NMC11 0303 & 1503 UTC on 2670.0 USB
Long Beach, NMQ 0503, 1303, & 2103 UTC on 2670.0 USB

High Seas Weather Facsimile Broadcast Schedule and Frequencies
San Francisco, NMO: 0145, 0300 & 0500 UTC on 4344.1, 12728.1, & 17149.3
1500, 1715, 2015 & 2330 on 8680.1, 12728.1, 17149.3 & 22527.0

MILITARY
U.S. Navy
~ The U.S. Navy George Washington J.T.G. deployed May 20. The group, centered around the Nimitz-class Nuclear Aircraft Carrier USS George Washington (CVN-73), making her first deployment. The George Washington and the Iwo Jima-class Amphibious Assault Ship USS Guam (LPH-9) will relieve the Saratoga JTG. Upon return, the Forrestal-class USS Saratoga (CV 60) will stand-down for decommissioning in August.
~ Jamaica recently agreed to let a U.S. vessel anchor in Kingston harbor, where it will be used for processing of Haitians found at sea. Under the plan, Haitians found at sea by the U.S. Coast Guard will be brought to the USNS Comfort (T-AH-20) anchored in Kingston harbor. There, 300 personnel, some of INS, and UNHCR personnel will interview them to decide if they are eligible for asylum. The Comfort left Norfolk, VA, earlier in June for Guantanamo Bay. This may be a rare change to log the USNS Comfort by either her international call sign NCOM or her Mars Station, NNN0CCF.
~ The U.S. Navy Cyclone-class Coastal Patrol Boat USS Scirocco (PC-6)

was commissioned recently. Scirocco was the first Navy ship commissioned at the Washington Navy Yard in almost 120 years.

MARITIME

~ Tom Roach (CA) reports that recently Vladivostok Radio, UKA, on 8575 kHz, apparently changed their call sign to UFZ. Tom further reports "it is still in Vladivostok and works a small (probably single company) number of Russian fishing vessels".
Also, from the SWL Sig on Youngstown Freenet, I have news of another probable change for Arkhangelsk Radio. Derek Cooper in the UK reports hearing the call UCE for the last several months now on frequencies where he used to hear UXN. Can anyone confirm this is a callsign change for Arkhangelsk Radio?
Lastly, for the past seven to eight weeks, I have seen Russian and one Lithuanian ship sending RY markers in RTTY to "UIW". As I use a M-1000 decoder I can't determine for a fact if this is UIW or UIV as the M-1000 has no cyrillic capability. In non-cyrillic decoders, "W's" can also be "V's". Either way, its a new one. Following these RY markers, the telegrams or messages have been addressed to Murmansk, Kaliningrad and Riga Radio's, so no help there on the ship end yet.
~ For those of you who like odd things, Dutch Customs Service officers inspecting the Russian factory trawler BMRT Labrador (UHUS) after it docked today in Ijmuiden, the Netherlands, found a body in the ship's freezers. The master of the ship said the body was that of a sailor who committed suicide at sea April 27. The captain ordered the body placed in deep-freeze until the ship returned to Russia. However, the captain didn't inform the officers of the body until it was found. A Dutch public prosecutor has confiscated the body and ordered an autopsy. The Labrador is heard quite often here in NE Ohio and I've logged her a number of times. Now...how many times have we all forgotten little things when we're busy....? Geez...DE RD

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Note: This is the Oct. 'Electronic Edition' and is from the July 1994 SPEEDX member bulletin "Shortwave Radio Today", ISSN 0882-8091. SPEEDX utility coverage now consists of three columns:

UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and schedule information. Contributions in these area's can be sent to Mike.

UTILITY NOTES: Edited by Richard "RD" Baker. News and information about the world of utilities, and utility stations. Contributions in these area's can be sent to myself.

UTILITY VERIFICATIONS: Edited by Tim Braun. "UTE" only QSL's and Verifications. QSL info. I hope to add Tim's column to the electronic edition soon.

SPEEDX members had this information over 2 months ago! If you would like to recieve this information as quickly as our members do, SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the other column's include:

THE DXperience: Focusing on notes,news,and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

TRASH & TREASURE: Information on catalogs, freebies, promotions, and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson. (73540.3025@compuserve.com)

SHORTWAVE TO GO!: News and information on shortwave broadcast stations. Edited by Richard E. Hankison
WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Tim J. Johnson

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

SPEEDX AWARDS: A wide variety of awards are available for members DX'ing accomplishments, Harold Woering, Awards Chairman

....and more!

If you would like to learn more about the SPEEDX radio club, (the Society to Preserve the Engrossing Enjoyment of DX'ing), a Non-Profit ALL Volunteer hobby organization founded in 1971, please write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196, DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico $23.00
Canada (AO Airmail) 25.00
Central/South America, Caribbean (airmail) 29.00
Europe (AO Airmail) 33.00
Africa/CIS/Asia/Oceania (AO Airmail) 37.00
Outside North America (Surface Mail) 23.00

All prices are in US funds. Tell Bob you heard about us from the Electronic Edition!

--
Rick Baker (ae411@yfn.ysu.edu)
(xx159@yfn.ysu.edu) yfn SWL Sig Sysop
Recorded live and direct from downtown Austintown, Ohio

3843. Re: 800 trunking tone (ssqueal) HELP!

Newsgroup: rec.radio.scanner
Date: 1994-10-14 17:02:19 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.505.00110A6F@ccm.hf.intel.com>
Source record: 267083

In article <RW0Whvp.fta@delphi.com> Fred T. Allen <fta@delphi.com> writes:

>I have a 2006 and the local P.D. is on 800 trunking. Is there a device or
>mod that will eliminate the tones after transmissions?

There is a company that sells a mod kit to kill the tones put out by GE
trunked systems. Their ad in MT says: Send SASE to LesComm, P.O.Box 81294,
Corpus Christi, TX 78468-1294

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3844. Re: DDI software

Newsgroup: rec.radio.scanner
Date: 1994-10-14 17:06:33 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.506.00111C72@ccm.hf.intel.com>
Source record: 267075

In article <37k41o$jjo@ulowell.uml.edu> ccarroll@cs.uml.edu (Christopher Carroll) writes:

>Does software version 4.04 of ddi.exe have the capability
>of displaying ESNs? Is there a specific command switch
>that has to be set? I'd appreciate any help.

I do not know about v4.04 specifically, but I remember that the ESN features
would not be available to non-government types.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3845. Freq trap needed

Newsgroup: rec.radio.scanner
Date: 1994-10-14 17:07:05 UTC
From: dans@rehab1.UUCP
Message-ID: <1099@rehab1.UUCP>
Source record: 267197

The local county police dispatch frequency causes my RS 2006 to lock
on our local fire district F3 frequency. Of course I can reach around
the back and flip the switch to 10db - but as you know this affects the
signals I hear.

So what im looking for is plans to make a trap (maybe out of coax?).
The best result would be to reduce the signal of one frequency just
enough to remove the problem (then I could still monitor when needed).
But if the only solution is to remove this frequency thats fine. I do
happen to have a few other scanners around ;-)

-Dan
--
|\ /|
internet: rehab1!dans@canal.org 'O.O' Reading Rehabilitation Hospital
voice : (610) 796-6352 =(___)= RD 1 Box 250
fax : (610) 796-6342 U Reading, PA 19607

3846. Re: Pro 43- 400 Channels.

Newsgroup: rec.radio.scanner
Date: 1994-10-14 17:10:24 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.507.00112CED@ccm.hf.intel.com>
Source record: 267081

In article <37m3ec$23g@lucy.infi.net> kturner@infi.net (Keith Turner) writes:

>chips.. AK93C67F's (exact replacement) can be had from Tandy for about $35 a
>peice.. Or you can use a diff chip from Digikey (not positive on number) for
>$3-4.. a little cross wiring is involved.. These are surface mount chips, so

Last I heard, DigiKey has a minmum order of like $50!!

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3847. Re: Scanners with PL Tone Capability and/or Pager tones

Newsgroup: rec.radio.scanner
Date: 1994-10-14 17:18:37 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.508.00114FEE@ccm.hf.intel.com>
Source record: 267088

In article <gregm-1410940252580001@slip-1-20.ots.utexas.edu> gregm@ccwf.cc.utexas.edu (Greg Middleton) writes:

>Is the company Plectron still in business??? They used to make single
>freq. monitors that have the capabilities abouve.

>Any info. is greatly appreciated.

You might want to contact a company called Bramco.
Bramco Inc.
9676 Looney Rd.
P.O. Box 1482
Piqua, Oh. 45356-1482

They make a variety of decoders for public service paging.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3848. scanner forsale

Newsgroup: rec.radio.scanner
Date: 1994-10-14 17:21:11 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <37mem7$9qf@paperboy.gsfc.nasa.gov>
Source record: 267095

Still have this scanner, original buyer backed out

Desk model ?Pro 2028?
50 channels 10 5ch banks
29-54
136-174
406-512
$90
Excellent shape

Handheld Model Pro 38
10 channels
$50
29-54
136-174
406-512
Includes scanner,box,manual,antenna,charge plug
sorry no nicads(they died)

I will pay shipping and handling charges on any scanner.
They all receive fire,police,rescue,cordless phones.
You can call me at work (301) -286-6457 Richard

3849. Re: Maruhama RT-618

Newsgroup: rec.radio.scanner
Date: 1994-10-14 17:26:47 UTC
From: schuster@panix.com
Message-ID: <37mf0n$pi7@panix3.panix.com>
Source record: 267082

In article <220945519wnr@phoenixs.co.uk>,
Gary Smith <gary@phoenixs.co.uk> wrote:
>I'm looking at getting a scanner and I saw an advert for the Maruhama
>RT-618. Does anyone know this scanner? Is it totaly cool or a waste
>of space. Please give me your 0.02 worth.

JUNK. Stay away.

You have been warned.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3850. HELP PLEASE: 800MHz conversion advice

Newsgroup: rec.radio.scanner
Date: 1994-10-14 17:48:14 UTC
From: bthafer@acpub.duke.edu
Message-ID: <37mg8u$816@news.duke.edu>
Source record: 267098

I have a Radio Shack Pro-36 that I want to convert to receive 800MHz frequencies. What are the ways to do this? Are any better than others and which is the cheapest? How much would that kind of thing probably run me?

Thanks in advance to whoever can help.
E-mail:
bthafer@acpub.duke.edu

3851. Re: Icom R-7100 Delay

Newsgroup: rec.radio.scanner
Date: 1994-10-14 17:49:23 UTC
From: leej@austin.ibm.com
Message-ID: <CxoC6v.4Kt4@austin.ibm.com>
Source record: 267101

In article <gz38s69.a8j4@sycom.mi.org>, gz38s69@sycom.mi.org (Greg Ziel) writes:
|> If anyone knows of a way to eliminate the 2 second delay after the
|> signal drops to resume scanning under computer control, please let us know!
|>
|> This is becoming very agrivating when I want to skip a hit and I still
|> have to wait!
|>
|> Please post or mail me!
|>
|> Thanks!!
|>
|> Greg
|>

If you're doing your own code, try sending a stop_scan, then start_scan
command.
I use Ben Saladino's RadioManager, and the effect shows up there
as well. I can't think of a way he could avoid the problem because he uses
the tape relay. If I make the program skip off the present channel, the
program stops again because the tape relay is still activated.

I don't have my CI-V, book handy. Is there a command to turn off the relay?

--
Lee Johnson (leej@austin.ibm.com)

3852. Pro 44 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-14 18:58:02 UTC
From: jason@cpubbs.cuug.ab.ca
Message-ID: <8dc4_8f924cd8@cpubbs.cuug.ab.ca>
Source record: 267056

> Date: Wed, 12 Oct 1994 16:36:52 +0000
> X-Newsreader: Newswin Alpha 0.6
> From: gary@phoenixs.co.uk (Gary Smith)

> Could anyone who owns one of these scanners please let me know if it
> is any good or if someone knows of a simlar but better model.

Let me put it this way--I bought a PRO-44 in March and I'm already shopping for a new one. And that's not just because I've outgrown 50 channels. :)

The case of mine is cracked and beaten, the battery door doesn't stay shut without some tape, the pin on the CHG socket is broken off [meaning I can't charge batteries in it any more], and most annoyingly.. it seems like a board is cracked or something. The antenna, when wiggled, will break squelch on the radio and prevent it from working. Oddly enough this happens most often when it's clipped onto my belt [and moving around as I do].

Now, I *do* acknowledge that part of this is my fault for being a firefighter and taking it anywhere with me [no, it's not been in a situation where it could be burnt.. YET :)] .. but I wonder if maybe there's something better.

I was originally looking at a PRO-43, but would it exhibit the same problems [esp. with the board/antenna]? Does anyone know? If so, I might have to pass on it.. I'd like a scanner with the following, if anyone can offer me any suggestions..

100 or 200 ch.
Able to pick up the following: CBs, air, VHF-hi, VHF-lo, UHF, 800MHz (no, not cell, I mean like trunked systems]
Triple conversion
GOOD CONSTRUCTION

Anyone got any ideas?

jason low jason@cpubbs.cuug.ab.ca derran@sdf3.cpubbs.cuug.ab.ca
REMR - Pump-A - Parts 1 & 2 - Driver - V-X Tech - Trench Tech - General Peon

3853. Re: Shielded weather radio

Newsgroup: rec.radio.scanner
Date: 1994-10-14 19:11:21 UTC
From: rtm@newton.apple.com
Message-ID: <rtm-1410942011210001@kip-85.apple.com>
Source record: 267051

In article <CxoG9p.FoL@nntpa.cb.att.com>, rats@ihlpm.ihsam.att.com (Morris the Cat) wrote:

> |I'm looking for a weather radio suitable for use in a large computer
> |data center. The Radio Shack weathercube we have gets clobbered by
> |all the RF noise since it has absolutely no shielding. A scanner receives
> |okay, but it doesn't react to the "weather-alert" tones that NOAA puts
> |out. A shielded weathercube with an antenna jack is roughly what I'm
> |looking for. Anyone here know where I can find one? Thanks.
>
> Hmm, it's unclear here whether the scanner is utilising an antenna away
> from the EMI source, or, the ceramic filters typically used in such
> a scanner increase the S/N ratio of the received signal over that of
> the Rat Shack weathercube; which is it? (I recall the basic Weathercube
> to a 1-IC type wonder, or at least the early models were.)
>
> No reason why you couldn't stick the Weathercube into a coffee can
> and stick a BNC connecter on the end, right?

Remember that *everything* going into and out of the can has to be either shielded (the antenna) or bypassed and filtered out the kazoo (power, spkr) or you'll have those leads reradiating crud inside the shielded enclosure.

73-

--
73-
Bob Martin N6MZV * rtm@newton.apple.com
Apple Computer, Inc *

3854. Re: Shielded weather radio

Newsgroup: rec.radio.scanner
Date: 1994-10-14 19:17:48 UTC
From: rats@ihlpm.ihsam.att.com
Message-ID: <CxoG9p.FoL@nntpa.cb.att.com>
Source record: 267080

|I'm looking for a weather radio suitable for use in a large computer
|data center. The Radio Shack weathercube we have gets clobbered by
|all the RF noise since it has absolutely no shielding. A scanner receives
|okay, but it doesn't react to the "weather-alert" tones that NOAA puts
|out. A shielded weathercube with an antenna jack is roughly what I'm
|looking for. Anyone here know where I can find one? Thanks.

Hmm, it's unclear here whether the scanner is utilising an antenna away
from the EMI source, or, the ceramic filters typically used in such
a scanner increase the S/N ratio of the received signal over that of
the Rat Shack weathercube; which is it? (I recall the basic Weathercube
to a 1-IC type wonder, or at least the early models were.)

No reason why you couldn't stick the Weathercube into a coffee can
and stick a BNC connecter on the end, right?

3855. MT e-mail address ?

Newsgroup: rec.radio.scanner
Date: 1994-10-14 19:34:34 UTC
From: brendan@iaccess.za
Message-ID: <doodkS93Pez5071yn@iaccess.za>
Source record: 267031

Hi
I am trying to get hold of an e-mail address for anyone at Monitoring Times.
I need this so that I can get the address of a fellow South African who
is a regular contributor to articles in this mag.

Thanks
Brendan

3856. AOR 1500

Newsgroup: rec.radio.scanner
Date: 1994-10-14 19:35:00 UTC
From: brendan@iaccess.za
Message-ID: <WqodkS93POUE071yn@iaccess.za>
Source record: 267032

Hi
Are there any users of the AOR 1500 out there ?
What do you think of it. I am impressed with the Shortwave coverage. It does
a pretty good job seeing that its reception is so wide !

Cheers
Brendan

3857. FTP sites for scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-14 19:35:21 UTC
From: brendan@iaccess.za
Message-ID: <usodkS93PCYG071yn@iaccess.za>
Source record: 267033

Hi are there any FTP sites for scanning ? If so could you post them to me

Cheers
Brendan

3858. Re: Cordless Snooping Outlawed?

Newsgroup: rec.radio.scanner
Date: 1994-10-14 20:54:59 UTC
From: jthomas@access.digex.net
Message-ID: <37mr73$bmu@access2.digex.net>
Source record: 267077
Cross-posted to: alt.2600,rec.radio.scanner,alt.radio.scanner,comp.org.eff.talk

In article <37kb3l$dua@powergrid.electriciti.com> Quill@Ties.Org (Quill) writes:

[Glen L. Roberts <fd@wwa.com> wrote:]
> >>So, the Digital Wiretap Act outlawed the monitoring of Cordless Phone
> >>Calls? Same as Cellular Now? Or, what?

[and I said:]
> >It appears so. The EFF may have had something to do with this. They
> >added a number of "significant new privacy protections" to DigTel. . .

> This was NOT a late breaking "significant new privacy
> protection" added to the bill, rather it was in the bill from
> the very beginning.

Not the *very* beginning, but you're right, it looks like EFF didn't put it in. I just checked the EFF's archives on the bill. The cordless phone stuff wasn't in the '92 draft bill, but it showed up in the February '94 draft. I don't think the EFF started working on the bill until later in the spring or summer. (See ftp://ftp.eff.org/pub/EFF/Policy/Digital_Telephony/Old for more.) I'm still disappointed with the EFF's analysis that referred to the ban on cordless phone scanning as a "significant new privacy protection," but I'm glad EFF isn't responsible for this provision of the bill.

Joe
--
Joe Thomas <jthomas@access.digex.net> Say no to the Wiretap Chip!
PGP Public Key available by request, finger, or from pgp-public-keys@io.com
Key 01C3AADB fingerprint: 1E E1 B8 6E 49 67 C4 19 8B F1 E4 9D F0 6D 68 4B

3859. Thunderbirds request

Newsgroup: rec.radio.scanner
Date: 1994-10-14 21:06:04 UTC
From: dratomic@blkbox.com
Message-ID: <37mrrs$qtt@blkbox.blkbox.COM>
Source record: 267037

Does anybody out there have the frequencies that the Thunderbirds currently use? Thanks!

Patrick, KD6CXU

3860. Superior coaxial line

Newsgroup: rec.radio.scanner
Date: 1994-10-14 21:43:00 UTC
From: space.lodge@canrem.com
Message-ID: <60.9911.5773.0N1B4A96@canrem.com>
Source record: 267147

On (09 Oct 94) Fields.d@calc.vet.uga.edu wrote to All...

>with the decision as to which type of coaxial cable to use. Basically, I
>will only be running a maximum of 10-14 feet of cable. I have seen a lot
>of RG-58 and RG-59, but have also heard that RG-6 is superior. Any (semi-)
>definitive answers out there?

> Someone told me that if I'm going to run cable over 30-40 feet, that I need
> to use RG-8 (.60 a foot). Any thing umder this I can use RG-58 (.20 a
> foot).

No offense, but whoever told you to use RG-8/58 doesn't
know much about scanner frequencies and coax cable. That
person is assuming you need 50-52 ohm cable for the
receiver, at the expense of very high signal loss in the
cable. Remember, RG-8/58 is designed for low freqs, like
the 0.1-30 MHz range...not the 30-1000 MHz range that most
scanners cover.

A good cable to use would be RG-6, sometimes referred to
as satellite cable. It's impedance is 75 ohms instead
of 50-52, but for receivers, it's not that critical.
Any loss in the impedance mis-match is easily compensated
by the MUCH lower line loss of RG-6 over RG-8/58. This
is especially true at higher freqs like 100-1000 MHz that
many scanners receive.

A better choice would be RG-213, and one of the best
cables you can buy would be Belden 9913. These two
cables cost a little more per foot, but they are worth
it.

> I to am looking into this, I have two possiblities. 1) is over 100 feet on
> top of an dusk-to-dawn light pole. (owner of pole is me not elec. co.).
> 2) is on top of house about 50 feet. Is over 100 feet to far to run cable
> or
> is shorter the better?

The shortest cable run and the highest antenna location
is the best combination, even though it's a contradiction
in terms...<Grin>

Mount the antenna as high as possible, but keep the run
of cable to a minimum...don't waste signal gain by running
the cable down a pole, under the ground, across the yard,
inside the house and so forth. Run the cable as direct
to the receiver as possible.

Height can often make more of a difference in signal gain
than anything else, and increasing the height of the
antenna by 10 feet translates into almost 3dB of signal
gain, or twice as much signal, under many conditions.

-=] BF at K.S.C. FidoNet 1:229/618.6 [=-
-=] InterNet Bill.Foster@Odyssey.North.Net [=-

--- PPoint 1.88

3861. Re: Detecting scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-14 21:54:06 UTC
From: dusty@svpal.org
Message-ID: <37mulu$j0m@svpal.svpal.org>
Source record: 267044

Right! And of course the Republicans wouldn't dream of taking away
rights. I got a big bridge you can have real cheap buddy, Lol!!!!
Dusty (Flame On) Van

3862. Re: MT e-mail address ?

Newsgroup: rec.radio.scanner
Date: 1994-10-14 22:50:22 UTC
From: gary moncur <glm@xmission.com>
Message-ID: <37n1ve$fft@xmission.xmission.com>
Source record: 267076

> Hi
> I am trying to get hold of an e-mail address for anyone at Monitoring Times.
> I need this so that I can get the address of a fellow South African who
> is a regular contributor to articles in this mag.
>
> Thanks
> Brendan
>

Don't know if you got this before or not, but try
grove@rock.concert.net

I had it in an old address book. Hope it helps.

Gary

3863. Short PRO-43 Battery life?

Newsgroup: rec.radio.scanner
Date: 1994-10-14 23:22:23 UTC
From: ssyck@alpha2.csd.uwm.edu
Message-ID: <37n3rf$eg4@uwm.edu>
Source record: 267078

Just wondering..

Is the PRO-43 known for having a rather short battery life? I bought mine a couple of months ago with new Nicads and they don't seem to last very long even when fully charged. About 4 hours is all I can get. This is scanning 3 banks and with the 'pri' channel turned on.

Any suggestions to get longer life out of the batteries? I was thinking of getting some Renewal alkalines. Would they last longer? Or did get some bad nicads?

Thanks much
-Steve

3864. Re: ELIMINATE ALT.RADIO.SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-10-15 00:53:01 UTC
From: shawn4sk1@aol.com
Message-ID: <37n95d$c17@newsbf01.news.aol.com>
Source record: 267091

Many of us have asked why there are two scanner groups. At one time I thought about creating a game plan to do away with the alt. group as there is always half as many posts on it and I felt like I was playing the cat-n-mouse game trying to find things I was interested in between the two groups. I also quickly got tired of reading messages that had been posted to both groups for whatever reason the person decided they needed to double post ALL of their messages (you know who you are!!!)...

I finally made it clear in my last post to alt.radio.scanner that if anyone felt they had anything worthwhile to post, they should post it to rec.radio.scanner and that I would no longer support alt.radio.scanner by posting anything to it. Every once in awhile I read the alt. group just to see what they're up to- definately not a thing. The alt. group has to exist, from what I understand, because some people's Internet providers only offer alt. or rec. groups, not both... This is where I reasoned with myself and figured "Why dog people for using the alt. group- for some, it's all they have...".

Once again, I gladly post: If you have anything you want to say or ask, ask it on rec.radio.scanner. Everybody's great and it'll surely be worth your while. As far as alt.radio.scanner, well... just don't post to it or read it if you don't want to. I don't. I'm not missing anything. I just accept the reason why there's an alt. group but don't waste my time on it...

And Jim, as for your statement where you said " I am tired of reading two newsgroups for no valid reason!!", people who like to flame people on the Internet will sure have a fun time lighting the torch to you... I can see it coming- thought I'd warn you.

Happy rec.radio.Scanning!

solive@ozarks.sgcl.lib.mo.us

3865. Re: Pro 43- 400 Channels.

Newsgroup: rec.radio.scanner
Date: 1994-10-15 00:53:27 UTC
From: kturner@infi.net
Message-ID: <37n967$pum@lucy.infi.net>
Source record: 267079

: Last I heard, DigiKey has a minmum order of like $50!!

I'm holding their catalog #944, july - august 1994, There is no minimum,
but if the order is under $25 there is a $5 handling charge.

Keith Turner
KE4QOL

3866. Re: Never in Palo Alto

Newsgroup: rec.radio.scanner
Date: 1994-10-15 02:08:49 UTC
From: kjn@netcom.com
Message-ID: <kjnCxozAp.AGo@netcom.com>
Source record: 267106
Cross-posted to: alt.2600,alt.radio.scanner,rec.radio.scanner,chi.media,chi.general,misc.legal

Jerry Dallal says:
" Glen L. Roberts (fd@wwa.com) wrote:
" : [my press release about cordless phone snooping being outlawed]

" : From: Palo Alto Weekly <paweekly@netcom.com>
" : Subject: Re: your mail
" : To: Glen Roberts <glr@rci.ripco.com>

" : Please remove us from your distribution list. The Palo Alto Weekly is a
" : strictly local newspaper covering Palo Alto, Calif., and surrounding towns
" : only. Thank you.

" I'm confused at your reaction. Listening to cordless phones is already
" illegal in CA, so their response is not unreasonable.

Unreasonable? Perhaps not.
Your response is pretty typical. Quite a few people equate security with legality. Whether or not the practice of monitoring cordless calls is illegal or not it would be nice if the general news media would carry an article of the inherent problems of casual cordless use and some of the problems encountered.

I used to live in Palo Alto and had a run in with the Palo Alto Police Dept. before the ECPA became law. I had been having a conversation about my antennas and what not when my neighbor took a call on his cordless phone. I advised him that he really should be careful about what he said over the cordless phone.
[snip to the heart of the matter]

He called the PAPD and wanted me arrested for wiretapping. The officers who responded were on unfamiliar ground and placed me under arrest after I gave them a not-so-brief tour of my station and it's capabilities. I suggested that they might want to contact the FCC field station in Livermore and get some input from a field engineer before they made a SERIOUS mistake.

The officers left quite a while later with a better understanding of modern technology, cordless phones, baby monitors, and complete list of frequencies that they might find interesting in the future as they cruised around with their scanner equipped cars...

We even had discussions about the city purchasing baby monitors and offering them under some pretense as prizes to individuals who were suspected of dealing drugs from their homes. The police would then monitor the constantly open microphones for information. We were such creative little devils in those days...

As I say, this was 10 years ago. Today, the cordless phone is looked upon by most of the population (readers of these groups excepted) as a perfectly harmless and wonderfully useful tool for a busy society. Many people frequently forget that they should NEVER use the cordless phone to order items and pay with a credit card or to talk about sensitive issues or travel plans.

The response of the PA Weekly may not be unreasonable, but it sure was shortsighted. After all, they're not know for Pulitzer Prize articles... The topic of cordless phones and privacy is an important one for most of us. We've had the benefit of discussion. Most of the people in this country have not.

--
Ken Navarre

3867. Re: ELIMINATE ALT.RADIO.SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-10-15 02:20:37 UTC
From: kjn@netcom.com
Message-ID: <kjnCxozuD.BLD@netcom.com>
Source record: 267108

Jim Wayda says:
" Why not just have one newsgroup. Let's all band together and eliminate
" alt.radio.scanner. This can be done as follows:

This comes up all the time! Keep in mind that not all servers carry the
rec. newsgroups. Some carry alt. but not rec. (don't ask me why.)

" Post the following message to alt.radio.scanner and repeat the message many
" times on a daily basis:

Stupid, childish idea! A waste of bandwidth (as is this response...)

" "If you are posting to alt.radio.scanner, please post to rec.radio.scanner
" so that we can eliminate alt.radio.scanner and have one scanner newsgroup.
^^^ Who the heck is this WE?
So, who made you net police???

" Thankyou for your cooperation."

" I would appreciate replies and help from anyone and everyone. I am tired of
" reading two newsgroups for no valid reason!!

Then don't!
If your time is so valuable then it should be better spent on more
productive issues than trashing a newsgroup that you have no interest
in reading.

Don't mean to be too harsh, Jim. The question is an obvious one. There
are duplicate newsgroups all over the place. Take a cruise down the list
of possible groups. You will find a lot that have 0 messages. Just
failing to post to a group will, unfortunately, NOT make it go away.

regards;
--
Ken Navarre

3868. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-15 02:46:11 UTC
From: jnormandin@umassd.edu
Message-ID: <Cxp112.CBq@umassd.edu>
Source record: 267040
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <4212@dsinet>, daveb@dgtl.com (David Breneman) writes:
>JERRY NORMANDIN (jnormandin@umassd.edu) wrote:
>: In article <373pj9$600@news.it.gvsu.edu>, hutchine@river.it.gvsu.edu
(E.Hutchinson-N8XHP) writes:
>: > I am looking to purchase a CHEAP, USED radar gun...X or K band
>: >is not important. Wanted to take surveys in the area for school project.
>: MAKE SURE YOU USE CAUTION WHEN YOU USE THE RADAR GUN!! THEY CAUSE CANCER!
>: That's why Laser RADAR is now used!
>
>THAT'S NOT QUITE TRUE!! :-) If you drive around in a car 10-12 hours
>a day for 10 years with a radar gun in your lap, you'll definitely
>hard boil the ol' familial eggs. That's just natural selection at work.
>I'll brush off the fact that there is no such thing as "Laser RADAR",
>and comment that LIDAR accounts for only a small percentage of the
>tax-collector's arsenal. It's cumbersome, expensive, may pose health
>threats of its own (ie, shining coherent infrared laser light into the
>eyes of millions of motorists year after year could be dangerous as
>well - although not to Officer Friendly).
>
>
>--
>David Breneman Email: daveb@jaws.engineering.dgtl.com
>System Administrator, Voice: +1 206 881-7544 Fax: +1 206 556-8033
>Product Development Platforms
>Digital Systems International, Inc. Redmond, Washington, U. S. o' A.
Hows does LIDAR calculate speed? I thought Laser Doppler Radar uses DOPPLER
Doesen't the unit have to transmit a burst of light, pick it up on a
photodetector, and calculate the time it took? And then try again calculate the
diffrence.
i
LE

3869. Las Vegas INFO

Newsgroup: rec.radio.scanner
Date: 1994-10-15 03:10:29 UTC
From: jonj@snark.wizard.com
Message-ID: <37nh75$kqj@snark.wizard.com>
Source record: 267043

anyone have a FAQ list for this group and also freq. list for Las Vegas???

jon

--
##
######## JonJ@wizard.com
################or bb733@freenet.hsc.colorado.edu
##

3870. NiMH Batteries

Newsgroup: rec.radio.scanner
Date: 1994-10-15 03:41:35 UTC
From: dsteeves@atlas.cs.upei.ca
Message-ID: <37nfgv$i28@atlas.cs.upei.ca>
Source record: 267099

I would appreciate if anyone would know where these batteries maybe purchased especially if there is a source in Canada. I would like to use these batteries as a replacement in a 200xlt battery pack. Any information would be very much appreciated. Thanks
Dana
--
==========
Dana Steeves = Have a Great Day
dsteeves@atlas.cs.upei.ca =
==========

3871. Re: The one-issue election...

Newsgroup: rec.radio.scanner
Date: 1994-10-15 04:05:11 UTC
From: dmunroe@vcd.hp.com
Message-ID: <Cxp4on.Gut@vcd.hp.com>
Source record: 267092
Cross-posted to: alt.radio.scanner,rec.radio.scanner

<briskin@binah.cc.brandeis.edu> wrote:

>And, frankly, if you polled
>most Americans who have cellular or cordless phones, you
>would probably find that they SUPPORT the law, because it
>is designed to protect their privacy.

Actually, they support it because they *think* it protects their privacy when in fact the law does nothing! If our representatives <cough> really wanted to protect communications, they'd require the phone companies to scramble the cordless and cellphone transmissions.

As with the "crime bill", this is precisely the kind of symbolic lawmaking we've been getting for far too long now - laws that are simple to pass which avoid real issues and give a naive electorate the feeling that "something is being done".

-Dave

3872. Freqs for Will Co. sheriff in Illinois

Newsgroup: rec.radio.scanner
Date: 1994-10-15 04:10:33 UTC
From: Martin Kief <martink3@delphi.com>
Message-ID: <pC3X51x.martink3@delphi.com>
Source record: 267045

were? Any ideas on how to
find them would help. Thanks in advance. Martink3@delphi.com

3873. Re: Nickel Metal Hydride AA Cells?

Newsgroup: rec.radio.scanner
Date: 1994-10-15 04:39:42 UTC
From: GEORGE SEGENREICH <segenreich@delphi.com>
Message-ID: <hk7Wpd2.segenreich@delphi.com>
Source record: 267041

Rick Christian <rccons!root@telerama.lm.com> writes:

> jo> Anyone know where NiMH AA cells are available?

>AA NiMH 1000mAH $4.55/ea.
>AA NiMH 1200mAH $6.40/ea.

Tell me about NiMH - are they the same size as regular AA's and can I charge them in my regular NiCad charger?
George - segenreich@delphi.com

3874. rec.radio.scaner FAQ?

Newsgroup: rec.radio.scanner
Date: 1994-10-15 07:43:30 UTC
From: tetsuo@grove.ufl.edu
Message-ID: <37o172$qed@cutter.clas.ufl.edu>
Source record: 267103

[No readable article body recovered]

3875. 46Mz antenna for IC-R1

Newsgroup: rec.radio.scanner
Date: 1994-10-15 11:18:41 UTC
From: sjmitra@merlion.singnet.com.sg
Message-ID: <37odqh$osl@merlion.singnet.com.sg>
Source record: 267163

I have some questions for cordless "experts":

1: What is the best antenna to use for 46Mz?

2: I notice the IC-R1 when fitted with it's standard duckie works _much_ better when (strangely) the end of the Sony AN-61 compact antenna (comes with the Sony SW radio) is in close proximity to any part of the duckie. Is there a device to reproduce this effect.

2: What is the principle of the Sony AN-61 anyway? How can I make one myself?

3: How is it that reception is much improved for hand-helds when held? Can this improvement of reception be mimicked by any device?

3876. Re: NiMH Batteries

Newsgroup: rec.radio.scanner
Date: 1994-10-15 13:09:49 UTC
From: schuster@panix.com
Message-ID: <37okat$lmg@panix3.panix.com>
Source record: 267052

In article <37nfgv$i28@atlas.cs.upei.ca>,
Dana Steeves <dsteeves@atlas.cs.upei.ca> wrote:
>
>I would appreciate if anyone would know where these batteries maybe
>purchased especially if there is a source in Canada. I would like to use
>these batteries as a replacement in a 200xlt battery pack. Any information
>would be very much appreciated. Thanks

Very poor choice, unless you plan to recharge every few days. The 200XLT
always drains the batteries, to keep the memories alive. NiMH cells
SELF-discharge about 3 times faster than nicads. Put these two conditions
together and you have a frustrating combination.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3877. Re: Never in Palo Alto

Newsgroup: rec.radio.scanner
Date: 1994-10-15 14:12:59 UTC
From: grady@netcom.com
Message-ID: <gradyCxpwtn.6AB@netcom.com>
Source record: 267057
Cross-posted to: alt.2600,alt.radio.scanner,rec.radio.scanner,chi.media,chi.general,misc.legal

Ken Navarre (kjn@netcom.com) wrote:

: perfectly harmless and wonderfully useful tool for a busy society.
: Many people frequently forget that they should NEVER use the cordless
: phone to order items and pay with a credit card or to talk about
: sensitive issues or travel plans.

I never do, and I make sure that all the people I call never take
the call on a cell or cordless phone either. :-)

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

3878. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-15 14:39:25 UTC
From: crisp@netcom.com
Message-ID: <crispCxpy1q.MA2@netcom.com>
Source record: 267063

In article <CxKL0F.4Ap6@austin.ibm.com> mhm@austin.ibm.com writes:
>bill nelson wrote in article <1994Oct12.061154.7471@hpcvaac.cv.hp.com> :
>|>
>|>dwhite@shadow.net (Don Whiteside) writes:
>|>:
>|>: In article <crispCxH5wr.AJD@netcom.com>, <crisp@netcom.com> writes:
>|>: > A second idea is to wear a hidden tape recorder and tape the entire
>|>: > transaction, and play the game as outlined above. When he tries the
>|>: > inevitable BS that we all expect tell him that you have taped the
>|>: > entire conversation and that your next stop is the local DA's office.
>|>:
>|>: And then when you go the the DA, play the tape and get arrested for
>|>: wiretapping, you will have a cellular phone to use while Bruno is
>|>: boofing you in your cell.
>|>
>|>Bull. You are not tapping anything. There is no law against wearing a
>|>"wire", and recording your conversations - even if the other person is
>|>unaware. Of course, this does not apply to police who are gathering
>|>evidence - stricter rules apply.
>
>True as long as you are not taping from a telephone.
>

And that was the original suggestion I made: wear the concealed tape
recorder on you body when you go into the store. Even if you never
visited the DA it would be a lot of fun to see the clerk turn purple
from his discovery that you had him by the balls.....

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3879. Re: CB frequencies on mobile/portables

Newsgroup: rec.radio.scanner
Date: 1994-10-15 14:40:18 UTC
From: g9153402@huey.csun.edu
Message-ID: <37opki$hdh@nic-nac.CSU.net>
Source record: 267055

Truesdell, Jordan (jat741@rs740.gsfc.nasa.gov) wrote:
> Warning: Newbie with <2 weeks lurking ahead, please flame gently...

> I am looking at purchasing a scanner in the near future. After reading this
>group for a short while and browsing through a couple of books and catalogs,
> I've noticed a lack of coverage for 26-27 MHz freqs.

> Are scanner enthusiasts not interested in CB chatter, and manufacturers

There are lots of scanner that scan down to 25 mhz (my RS PRO-2006 does),
with some going down to 500 khz and below. But in general, scanners
aren't really a substitute for shortwave radios, so scanning down there
may not be achieving much, especially if you don't have connected a
proper antenna for such frequencies.
But I do have all 40 CB frequencies programmed in my scanner. The
reception is acceptable, but I'll never get the SSB CB frequencies on
my scanner. Anyway, there are scanners out there that do CB, but CB
radios themselves are very cheap. You might as well buy one, in case
you do get the urge to transmit too.

3880. clear the congress, Re: Off-topic postings

Newsgroup: rec.radio.scanner
Date: 1994-10-15 14:48:37 UTC
From: crisp@netcom.com
Message-ID: <crispCxpyH1.MtD@netcom.com>
Source record: 267059
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

In article <CxLEFB.3o1@world.std.com> gdallal@world.std.com (Jerry Dallal) writes:
> I know how to use a kill file, I know how to skip over
> news items that I don't wish to read, and, as I rule, I don't
> get involved in discussions of off-topic posts because it only
> encourages them. But a real problem has developed: off-topic
> posts are distracting us from keeping our eyes on the prize--
> the prevention and removal of any restrictions on the right to
> monitor over-the-air transmissions.
>

And I have been doing a lot trying to educate people of what is really happening in WDC. Those that care about their rights will join in while the net.nannies use kill files and encourage others to do so too.

I suppose they have initiated the net equivalent of the death penalty, something they probably have a problem with in the real world. This further underscores the hypocrisy found within the confines of the radio groups.

They want to play like the whole world revolves around the latest deal on the superradio or whethere or not the latest copy of Passport has arrived, and in so doing have found themselves to be the 20th century equivalent of Nero: fiddling while Rome is burning.

The time to act is NOW, the time to VOTE is November 8. I recommend doing away with the Democratic majority the House has had since 1954. This is the first place to start the sweeping changes we all feel is needed in our hearts. THE DEMOCRATIC PARTY HAS HELD CONTROL OF THE HOUSE UNINTERRUPTED SINCE 1954. IT IS TIME THIS CHANGES!

THE CONGRESS IN COLLUSION WITH BILL CLINTON HAS INCREASED THE RATE OF THE ATTACKS ON YOUR PERSONAL LIBERTIES>. IT IS TIME TO STOP THIS BEFORE WE HAVE TO RESORT TO DRASTIC MEASURES. USE THE SOAP AND BALLOT BOXES SO WE DO NOT HAVE TO USE THE CARTRIDGE BOX!

--
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-Will Rogers

3881. Re: RF Spectrum Analyzers: info req

Newsgroup: rec.radio.scanner
Date: 1994-10-15 14:49:27 UTC
From: crisp@netcom.com
Message-ID: <crispCxpyIF.MwL@netcom.com>
Source record: 267064

In article <37ikvi$3qf@newsbf01.news.aol.com> rotnapple@aol.com (RotnApple) writes:
>In article <1994Oct6.103455.8891@ivax>, jlbowman@indyvax.iupui.edu writes:
>
>Spectrum Analyzers.....
>
>I seem to remember a company that made a portable unit with a freq span of
>1-1000mhz the price was around $1000.
>
>I'll see if I still can fing the info on it or maybe somebody will post.
>
>Greg

AVCOM is the company you are thinking of.
--
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-Will Rogers

3882. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-15 14:52:55 UTC
From: crisp@netcom.com
Message-ID: <crispCxpyo7.n3z@netcom.com>
Source record: 267065

In article <johng-1310941328150001@johng.comm.mot.com> johng@ecs.comm.mot.com (John Gilbert) writes:
>In article <crispCxGMK1.KL7@netcom.com>, crisp@netcom.com (Richard Crisp) wrote:
>
>> In article <CxFqAJ.Hoy@umassd.edu> jnormandin@umassd.edu writes:
>>
>> Why is it that our generation had to gut the bill of rights when we were
>> passed the torch? Because we elected Bill Clinton. I will vote for no
>> incumbents in November. I pledge to ensure Bill Clinton is not re-elected.
>>
>Think back a little harder. The "war on drugs," which spawned the crazy
>property seizure laws we have today, didn't start with the present
>administration.

You are absolutely right. The current administration has accelerated
the rate of civil rights erosion. I will not vote for any of the bums,
they are all right up there with rotted meat and spoiled milk with me.

Into the trash heap they all go. Now if we could only indict them for
treason.......

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
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"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3883. Re: ELIMINATE ALT.RADIO.SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-10-15 14:55:13 UTC
From: crisp@netcom.com
Message-ID: <crispCxpys1.7x@netcom.com>
Source record: 267066

In article <jim-131094113523@jimsmac.ttech.com> jim@ttech.com (Jim Wayda) writes:
>Why not just have one newsgroup. Let's all band together and eliminate
>alt.radio.scanner. This can be done as follows:
>

For the umpteenth time, the alt version of the group has a hacker flavor
while the rec version is more mainstream. If you want to play net cop
go ahead, but there are different posts in the alt version of the group
and I like it that way.

--
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-Will Rogers

3884. Re: Cordless Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-15 14:58:27 UTC
From: crisp@netcom.com
Message-ID: <crispCxpyxF.EJ@netcom.com>
Source record: 267069

In article <37fmeh$oe9@tequesta.gate.net> tls@gate.net (Terry Steinford) writes:
>Steven T Blasen (stblasen@iastate.edu) wrote:
>
>: But if anyone gets caught illegally (US only) listening to
>: these -- you never got them from me (haha).
>
>You are still legal to listen to cordless phones at least for another
>day. Clinton still has not signed the law yet. But when he does, the Iron
>Curtain goes up around another chunk of RF spectrum.

So your action, reapeat after me, is to not vote for anyone that allowed
this bill to pass by:
1) voting for it
2) not voting against it.
It is high time to get rid of the rights grabbing democratically controlled
congress. The House has been continuously controlled by the democrats
since 1954. Think of how many rights we have lost to those schmucks
since then!

--
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-Will Rogers

3885. Re: Cordless Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-15 15:00:52 UTC
From: crisp@netcom.com
Message-ID: <crispCxpz1G.Lo@netcom.com>
Source record: 267070

In article <CxKHIF.F1C@sgb.oau.org> steven@sgb.oau.org (Steven Bradley) writes:
>Terry Steinford (tls@gate.net) wrote:
>: Steven T Blasen (stblasen@iastate.edu) wrote:
>
>: : But if anyone gets caught illegally (US only) listening to
>: : these -- you never got them from me (haha).
>
>: You are still legal to listen to cordless phones at least for another
>: day. Clinton still has not signed the law yet. But when he does, the Iron
>: Curtain goes up around another chunk of RF spectrum.
>
>Well I am in the US and no law is going to stop me!!
>
>I could care less when the law goes into effect, one plus is that there will
>be more cordless phones sold as the salesmen will have one more vice to sell
>it with, such that my entertainment value will actually increase with MORE
>to listen to, not less.
>

I am not sure what you are going to use to listen to them on. Remember that
the congress is taking away the FCC's ability to type certify radios
that can pick up cellular, how long before they do the same for cordless
capable receivers?

How long before it extends to receivers which can listen to the police? Do you
now understand?
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
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-Will Rogers

3886. MVT 7100 display contrast

Newsgroup: rec.radio.scanner
Date: 1994-10-15 15:16:55 UTC
From: murg@lethargy.demon.co.uk
Message-ID: <782234215snz@lethargy.demon.co.uk>
Source record: 267058

I've got a MVT 7100 but the display contrast isn't as good as I like.

Is there a mod to improve it? I've had a look inside and there doesn't seem to be a pot on the display board.

--
Andrew Murgatroyd

Can't be arsed to write a proper .sig

3887. Query: Tracking frequency for Whooping Cranes?

Newsgroup: rec.radio.scanner
Date: 1994-10-15 15:39:06 UTC
From: garyposs@bga.com
Message-ID: <37ot2q$9rf@giga.bga.com>
Source record: 267054

I am looking for the frequency used on tracking transmitters that are attached to Whooping Cranes as they migrate back and forth between their habitats.

Their was a PBS documentary somtime back where state/federal wildlife agencies tracked Whoopers across the United States. Tracking equipment was shown including vhf yagis and what appeared to be a DAVCO receiver.

Do you have any information related to this tracking activity, including migration schedules?

Thank you.....Gary

3888. Re: Short PRO-43 Battery life?

Newsgroup: rec.radio.scanner
Date: 1994-10-15 19:23:21 UTC
From: Chris Hall <chall@server0>
Message-ID: <Pine.SUN.3.90.941015152201.13778A-100000@server0>
Source record: 267060

> getting some Renewal alkalines. Would they last longer? Or did get some
~~~~~~~~~~~~~~~~~

Speaking of which, does anyone know how these things work?
~~~~~~~~~~~~~~~~~

3889. Re: Cancer rate among hams.

Newsgroup: rec.radio.scanner
Date: 1994-10-15 19:35:48 UTC
From: john.o'donnell@glitch.com
Message-ID: <9410151535.0LWT300@glitch.com>
Source record: 267062

> A friend of mine said he doesn't believe those who say RF energy is
> harmful.
> "RF exposure will make you live forever - just listen to 80 meters!"

Curtis:

Can I quote you on that? <GRIN>

Thanks for a very good one-liner that I'm sure will get used often here!

john.o'donnell@glitch.com

3890. HELLO!

Newsgroup: rec.radio.scanner
Date: 1994-10-15 19:35:50 UTC
From: john.o'donnell@glitch.com
Message-ID: <9410151535.0LWTG00@glitch.com>
Source record: 267061

As someone relatively new to the Internet ... but a longtime scanner enthusiast, I'm very happy to have discovered this newsgroup on the net. Have only been picking up on the messages from the past two days, but I'm already finding the topics of interest.

Was wondering if anyone else out there has picked up a PRO-2035? Have had mine for a couple weeks now and am interested in exchanging thoughts/opinions.

john.o'donnell@glitch.com

3891. RS Pro-2021 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-10-15 20:29:12 UTC
From: radix@pentagon.io.com
Message-ID: <Dn2ekWPq5rP4071yn@pentagon.io.com>
Source record: 267068

I know about the mods on oak.oakland.edu, but has anyone come up with a way to add the 800s (or anything else for that matter) to this scanner without disabling the search feature? Thanks.

++ Dave

3892. Nickel Metal Hydride AA Cells?

Newsgroup: rec.radio.scanner
Date: 1994-10-15 20:34:00 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <42c_9410152200@rccons.lm.com>
Source record: 267132

Hello segenreich@delphi.com!

15 Oct 94 00:39, segenreich@delphi.com wrote to All:

sc> Rick Christian <rccons!root@telerama.lm.com> writes:

>> AA NiMH 1000mAH $4.55/ea.
>> AA NiMH 1200mAH $6.40/ea.

sc> Tell me about NiMH - are they the same size as regular AA's and can I
sc> charge them in my regular NiCad charger? George - segenreich@delphi.com

AA is AA size, and will replace AA batteries.

You can charge NiMH in a NiCd charger, but it is not the best way. You really need one which will charge at the proper rate for NiMH v. the NiCd rate.

You also need to have trickle charge on NiMH due to the higher self discharge rate of NiMH v. NiCd.

Using a NiCd charger on NiMH will DEGRADE performance over time.

Rick Christian, AAJP/BSEE
AOSC PA Editor
Internet: rccons!aosc_pa@telerama.lm.com

3893. hx-1000

Newsgroup: rec.radio.scanner
Date: 1994-10-15 20:41:09 UTC
From: revsdm@profitmaker.com
Message-ID: <12373CWYDUEFVOFGRTE@profitmaker.com>
Source record: 267071

I need to get a Regency Hx-1000 repaired.
In western Illinois.
Help if you know place.

3894. Radio Shack sour grapes?

Newsgroup: rec.radio.scanner
Date: 1994-10-15 21:05:02 UTC
From: rherndon@ima.infomail.com
Message-ID: <08b_9410152305@ima.infomail.com>
Source record: 267140

Hi Paul!

On 08 Oct 94, Paul Nash illuminates speedily to All:

PN> Oi.. A friend of mine bought a Radio Shack CB, and found that it was
PN> defective a day after, so he took wrote down the SN and took it back..
PN> About a week later, he convinced me to purchase the same model.. As it
PN> turned out, 3 hours after I bought my scanner, it crapped out.. I called
PN> him up, and he read off the SN.. It turns out Radio Shack just threw the
PN> scanner back in the box, and put it on the shelf.. Grrrr, another wasted
PN> trip was made out to RS... After confronting the manager, they said that
PN> they were really sorry, and that the cb was supposed to be shipped back
PN> for repairs.... Ahh well.. Everything I ever bought from Radio Shack
PN> crapped out within 2 weeks.... Paul

Sorry to quote your whole message, Paul, but I was confused by it. You say at one point your friend bought a CB. Later, you buy a scanner, but it turns out to be the CB your friend bought. The radio shack guy threw a scanner back into the box (he also was confused, evidently). But in the end they were sure it was the CB that was to be sent out for repairs. When you get this story straight and/or quit smoking those funny cigarettes, let us know what really happened. :) Maybe the reason your equipment "craps out within 2 weeks" is that you forget what it was really supposed to do. :)

Best wishes from Richard

3895. Re: FRG-9600 mods

Newsgroup: rec.radio.scanner
Date: 1994-10-15 21:24:28 UTC
From: atwaterkent@delphi.com
Message-ID: <Jg52C+M.atwaterkent@delphi.com>
Source record: 267067

I have owned a 9600 fro several years and like it very mucjxx much. There
is actually a very good control program for it. it is SCANCAT.
Look in POP CPxx COMM for a dxx ad,. 73 John NS5Z

3896. Re: HELLO!

Newsgroup: rec.radio.scanner
Date: 1994-10-15 22:17:31 UTC
From: bcorson@iat.holonet.net
Message-ID: <CxqJ99.GMu@iat.holonet.net>
Source record: 267072

john.o'donnell@glitch.com writes:
:
: As someone relatively new to the Internet ... but a longtime scanner
: enthusiast, I'm very happy to have discovered this newsgroup on the net. Have
: only been picking up on the messages from the past two days, but I'm already
: finding the topics of interest.
:
Waswondering if anyone else out there has picked up a PRO-2035? Have had mine
: for a couple weeks now and am interested in exchanging thoughts/opinions.
:
: john.o'donnell@glitch.com
:

Since you're new, a suggestion I would make is to give your posts a
descriptive title.
Just typing "HELLO!" won't catch many usenet browsers attention.
Something like "Radio Shack PRO-2035" would, since it is a new product.
As far as the 2035, I've seen a couple mixed reviews posted here about
it. It seems like a fairly decent scanner, but probably isn't modifiable
to get the whole 800 mhz band (at least no one has said they've discovered
a way yet) in order to comply with ECPA.
It's the successor to the 2006, which I do own, and was very easy to
modify. Probably the main two advantages to the 2035 would be the faster
scanning rate, and larger channel capacity (1000 vs 400).
Hope you enjoy your new scanner.

3897. AOR Scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-15 22:26:20 UTC
From: bcorson@iat.holonet.net
Message-ID: <CxqJnx.Gq1@iat.holonet.net>
Source record: 267073

I have a question on AOR scanners, although I have no plans on buying one.
I see the AR3000A ($1099) and the AR2800 ($459) listed in Tucker Electronics (800-527-4642) Summer catalog. I don't know if they're still available, but are AOR scanners any good?
The AR3000A is a desktop model, and has coverage from .1 to 2036 mhz (continuous). The thing just weighs 1.2 kg. You would think for $1099 they would make it out of something more substantial, like a shielded-metal case, not light-weight plastic. The AR2800 covers .5 to 1300 mhz. Are these scanners deaf on the shortwave bands?
I also see a handheld AR1000XLT for $419. Any experiences with this?
Thanks

3898. PRO-43 Mod Wanted!

Newsgroup: rec.radio.scanner
Date: 1994-10-15 22:46:43 UTC
From: rpcigi@infi.net
Message-ID: <37pm4j$9fv@lucy.infi.net>
Source record: 267074

Well now that I know that my pro-43 can be modified where are the mods to be found??

3899. ATLANTIC FREQUENCIES

Newsgroup: rec.radio.scanner
Date: 1994-10-15 23:35:00 UTC
From: joe.newman@onlinesys.com
Message-ID: <c9.102.4179@onlinesys.com>
Source record: 267216

Anyone have the Atlantic scanner frequencies for the incoming jumbo
jets? Atlantic I mean aTlantic coast.
Jeff.podeszwa@onlinesys.com

 1st 1.11 Nothing can be made foolproof, as fools are so ingenious.

3900. *** Motorola PMR-2000 Alpha Pager for sale!!! ***

Newsgroup: rec.radio.scanner
Date: 1994-10-16 00:20:39 UTC
From: Dave Campbell <pdcatku@kuhub.cc.ukans.edu>
Message-ID: <1994Oct15.192039.75008@kuhub.cc.ukans.edu>
Source record: 267128

I have a Motorola PMR-2000 Alphanumeric Pager (I belive it also has voice capabilities) for sale. Looking for $75 or best offer, so start the bidding! Email me with questions...

Thanks!

Dave

```
+-----------------------------+-----------------------------+
|Dave Campbell | "I got an open mind so |
|2900 W. 15th St. Appt. F-2 | won't you all step inside" |
|Lawrence, Kansas 66049 +-----------------------------+
|(913)843-3177 (913)766-0933 (913)864-4810 (913)681-6950 |
|pdcatku@kuhub.cc.ukans.edu Go Hawks!!! |
+=============================================================+
|Call... B.A.R.T. Business And |
| Recreational Telecommunications |
|~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~|
| 16lines, 14.4 kbps, 3 Gb Online, Gifs, Games, Utilities...|
| Awesome Teleconference, Forums, and full RIPscrip support! |
| A constantly growing board in an exciting university town! |
|~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~|
| Call today! Tell them Dave sent ya! (913)832-0320 |
+-------------------------------------------------------------+
```

3901. *** Pro-39 For SALE!! ***

Newsgroup: rec.radio.scanner
Date: 1994-10-16 00:22:02 UTC
From: Dave Campbell <pdcatku@kuhub.cc.ukans.edu>
Message-ID: <1994Oct15.192203.75009@kuhub.cc.ukans.edu>
Source record: 267129

I have a Pro-39, great shape, cellular modified, ready to roll including the AC power adaptor/charger. Looking to at least break even on the deal so we'll start the offers at $250. Keep in mind this _IS CELLULAR READY!!_ I'll take the highest bid, but will consider at any serious offers.

Thanks,

Dave


```
+-----------------------------+-----------------------------+
|Dave Campbell | "I got an open mind so |
|2900 W. 15th St. Appt. F-2 | won't you all step inside" |
|Lawrence, Kansas 66049 +-----------------------------+
|(913)843-3177 (913)766-0933 (913)864-4810 (913)681-6950 |
|pdcatku@kuhub.cc.ukans.edu Go Hawks!!! |
+=============================================================+
```

3902. Los Angeles Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-10-16 00:32:27 UTC
From: bwkwong@hsc.usc.edu
Message-ID: <37psar$ok9@hsc.usc.edu>
Source record: 267125

Does anyone have a list of frequencies in L.A.?

Hmmm....a list of frequencies used at the University of Southern California
would be nice too.

Thanks.

--
+---+
| BRIAN W. KWONG, B.Sc. | University of Southern California |
| bwkwong@hsc.usc.edu | School of Dentistry |
+---+

3903. Re: clear the congress, Re: Off-topic postings

Newsgroup: rec.radio.scanner
Date: 1994-10-16 00:37:51 UTC
From: gdallal@world.std.com
Message-ID: <Cxqpr3.Ewv@world.std.com>
Source record: 267126
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

Richard Crisp (crisp@netcom.com) wrote:
: In article <CxLEFB.3o1@world.std.com> gdallal@world.std.com (Jerry Dallal) writes:
: > I know how to use a kill file, I know how to skip over
: > news items that I don't wish to read, and, as I rule, I don't

: And I have been doing a lot trying to educate people of what is really
: happening in WDC. Those that care about their rights will join in while
: the net.nannies use kill files and encourage others to do so too.

I know Richard realizes that I'm not advocating others use (or not use) kill files. The purpose of my comment was to indicate why I felt it necessary to speak about off-topic postings even though I'm fully capable of skipping them.

My concern is that when some posters raise issues such as "Throw the rascals out!" not everyone agrees and a heated discussion often takes place over . . . throwing the rascals out!

However, I cannot recall a single posting this year in which someone said that we should have our rights to monitor restricted.

My conclusion, then, is that the group could be highly effective is safeguarding our right to monitor it we focused on our rights to monitor.

If there had been a simple notice that the recent (crime? telecommunications?) bill had contained a blanket prohibition against monitoring frequencies used by cordless phones, perhaps we could have organized and done something about it.

Instead, people are discussing--AS IS THEIR RIGHT--liberalism, conservatism, throwing out the Congress and the right to bear arms.

Conspiracy theorists, are these distractions placed here by those who would take away our rights to monitor as a way of keeping is disorganized and off balance? No? I can't think of a more effective way to keep us disorganized and off balance.

3904. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-16 01:37:16 UTC
From: Carl.Moore@scarolina.edu
Message-ID: <Carl.Moore.22.0@scarolina.edu>
Source record: 267131

>>I had never quite considered that the same thing happens (at the other
>>end) whenever I call someone else with a cordless phone.
>
>Cordless and cellular is so popular these days that I automatcally assume
>that the other party has one and that whatever's being said is also being
>received by others. I got a call once from a friend who proudly announced
>she was calling from her bathtub. After confirming she was using a cordless
>phone, I told her that everything she's saying is most likely being monitored.
>She really didn't believe me.
>
>Sometimes when I'm talking on my cell phone I'll deliberately say outrageous
>things or somehow acknowledge the scanner audience. Hey, I might even have a
>fan club. :-)
>
>>I believe as a private citizen, I have the right to monitor any radio
>>waves that pass by - it's up to the transmitter to do any required
>>encryption to prevent monitoring.
>
>Yep.
>
>-Dave

...since I got a good scanner and 30' antenna, I've been enjoying cordless
and cellular calls more - I routinely make up some butt-stoopid scenario for
the listening audience. I suppose it is something like being able to
perform without actually standing in front of an audience... So if you're
listening in my neighborhood - - Enjoy!

The author of this blasphemy: Carl.Moore@scarolina.edu

My opinions are not necessarily those of my employer...
I'm sure they're relieved about that.

"...Dammit, Jim, I'm an Actor, not a Doctor..."

3905. Info: Air Show Freqs

Newsgroup: rec.radio.scanner
Date: 1994-10-16 01:46:32 UTC
From: rwm@Central.KeyWest.MPGN.COM
Message-ID: <rwm.782271637@Central.KeyWest.MPGN.COM>
Source record: 267137

A while back there was a thread about air-show frequencies. Today, there was a small air-show here in Key West. We had some F-14's and F-16's, a C-130, some bi-planes, and some jumpers. The show was being coorinated on 305.200 Mhz. The voice at Air Show control sounded like the same guy in the Key West International Tower.

The point being, the show was being controlled by a Civilian facility, with a mixture of Military and Civilian events and the freq was in the Mil Band.

Rob
--
Rob Miracle = Email: rwm@mpgn.com
Tantalus Inc. = Alt: Lewellian@aol.com
Key West, Florida =
"You have a problem? I have a plan!" -- Anton Devious

3906. Re: clear the congress, Re: Off-topic postings

Newsgroup: rec.radio.scanner
Date: 1994-10-16 02:25:33 UTC
From: davidb@ce.washington.edu
Message-ID: <37q2ut$qtl@news.u.washington.edu>
Source record: 267134
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

crisp@netcom.com (Richard Crisp) writes:

>The time to act is NOW, the time to VOTE is November 8. I recommend
>doing away with the Democratic majority the House has had since
>1954. This is the first place to start the sweeping changes we all
>feel is needed in our hearts. THE DEMOCRATIC PARTY HAS HELD CONTROL
>OF THE HOUSE UNINTERRUPTED SINCE 1954. IT IS TIME THIS CHANGES!

What a load. The bill that Mr. Crisp finds offensive (and no, I don't like it myself either) was sponsored by Democrats to forestall something custom-written by the FBI getting introduced by an FBI-friendly congresscritter and gaining approval. Read the EFF briefs on this bill that were posted a month or so ago.

The Republicans didn't sponsor the bill that Mr. Crisp finds offensive, not because they thought it was too intrusive, but BECAUSE THEY APPARENTLY DIDN'T SEE ANYTHING WRONG WITH AN EVEN MORE INTRUSIVE FBI-DESIGNED BILL GETTING APPROVED LATER!

Yes, this is off subject. But after biting my lip and not posting it time and time again, I couldn't hold it in any more. So sue me.

Damn, that felt good!

--
David Barts N5JRN UW Civil Engineering, FX-10
davidb@ce.washington.edu Seattle, WA 98195
0224 GMT T: 53 F wind: NNW 1 gust 2 mph P: 1020 mbar

3907. Re: Need some info on the AR1500 ...

Newsgroup: rec.radio.scanner
Date: 1994-10-16 02:27:01 UTC
From: joewo@aol.com
Message-ID: <37q31l$5gj@newsbf01.news.aol.com>
Source record: 267136

In article <J4wWRpr.tmfreeman@delphi.com>, Tim <tmfreeman@delphi.com>
writes:

Timster-
I have an AOR-1500 and i dont like it. It suffers from too much
intermod (lots of pagers and FMers bleeding all over) and when i hook up
my amplified rabitt ears which is connected to a 4 way to hook up my other
scanners, it locks up A LOT on the oscillators of the other scanners, and
the overload gets REALLY bad. I am looking at getting an 8000 myself and
cashing in the 1500. When i use the rubber duck antenna the problem goes
away to a point, but it still has to be several feet from the other
scanners(ergo several feet from me) and the reception is limited without
the amp of course. And it is pretty complicated to get to program and
just make basic changes. If i had it to do over, my advice would have
been to either take a step down in freq range and channels and get the Rat
Shack 43(i have a 32 and 34 and love them to death!!!) or go the other way
and get an 8000....wanna buy my 1500 by the way?????? like new
pristine, never dropped or abused for 400$$??? JoeWo@AOL.COM

3908. Re: Short PRO-43 Battery life?

Newsgroup: rec.radio.scanner
Date: 1994-10-16 04:21:32 UTC
From: mulligan@ACM.ORG
Message-ID: <37q9oc$29i@hopper.acm.org>
Source record: 267141

Typical NiCad life in a PRO-43 is 6 hours for 600mah batteries. A test
using standard R.S. NiCads with: Scan mode, minimum squelch, minimum volume
(i.e. receiving, but no audio out) produced a battery warning at 6h 4m and
a dead radio 9m later. Maximum audio would reduce this by 1/3.
The current draw for a sample PRO-43 was: max. audio, 150ma; normal audio,
90-105ma; squelched 85ma. In the battery saver mode the draws were 6.5ma for
1 sec and 80ma for 1/4 sec, yielding an average draw of 21ma.
/* barry /&

3909. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-10-16 06:38:56 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct16.063856.21752@hpcvaac.cv.hp.com>
Source record: 267207

guru314708@aol.com (GURU314708) writes:
:
: Hmmmmm???? That's funny, I have a CB from Radio Shack that I bought
: oh about 18 years ago and it's still working like new and then there's
: my eight channel scanner that's been through two car accidents and 14
: years of beating and it still keeps right on ticking and then there's my
: STA 2100 240 watt stereo receiver that's about 12 years old and gets used
: every single day! I could go on & on & on but I would just have to
: suggest
: maybe reading the owners manual once in a while and maybe your stuff
: would last.

And then, there is my stereo receiver - which has not worked right on AM ever since I bought it. It has been in for repair 4 times, and will work correctly for a week or two - then go on the fritz again. I have given up on the piece of crap, and only use it as an amp for my tape deck.

The scanners and ham transceivers are good. Much of the rest seems to be mediocre to poor.

Bill

3910. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-16 06:42:59 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct16.064259.21824@hpcvaac.cv.hp.com>
Source record: 267208

cgwh@chevron.com (Curtis Wheeler) writes:
:
: not in the same way. We worry about impedance matching our feed on a
: transmitter because we don't want reflected power damaging the radios. And
: because we want as much of our transmitter power to make it to the antenna.

Reflected power cannot damage the transmitter. Work it out on a Smith Chart, if you don't believe me. The power does not get back into the finals. The only power loss is resistive losses in the coax.

However, the reflected power causes the final efficiency to be lower, which means that the final amp runs hotter, which can cause it to fail.

Bill

3911. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-16 06:47:28 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct16.064728.21935@hpcvaac.cv.hp.com>
Source record: 267212
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

p01613@psilink.com ("phil reed") writes:
: >
: >I'm not trying to start anything, simply looking for clarification. Why would
: >it be illegal to transmit infrared laser? I wasn't aware there were any
: >regulations on transmitting light of any frequency/pulse duration or
: >coherency. Am I simply misinformed? Or are there other laws in effect here?
:
: Sure! Obstruction of justice, interference with a police officer...
:
: I don't claim that using a laser jammer results in a violation of those
: laws, but I'm sure a cop might someday, at which point it is up to the
: judge. Good luck.

Yes, it does violate those laws. Otherwise, radar jammers would be legal,
and sold as consumer products.

Bill

3912. Looking for Scanner Club in AUSTIN, TX area

Newsgroup: rec.radio.scanner
Date: 1994-10-16 06:56:45 UTC
From: gregm@ccwf.cc.utexas.edu
Message-ID: <gregm-1510942356450001@slip-5-3.ots.utexas.edu>
Source record: 267196

Anybody know of a Scanner Club in the Austin, Tx area????

--
Greg Middleton
gregm@ccwf.cc.utexas.edu

3913. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-16 06:58:41 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct16.065841.22009@hpcvaac.cv.hp.com>
Source record: 267211
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

orion1@iastate.edu (Alex Orion Leu) writes:
:
: 3. Laser was invented for the patrol because of two reasons. First, it is
: tougher to detect because it diffuses very fast and doesn't carry the
: signature that sets many K or X radar detectors off. Second, it gives a
: much stronger signal as compared to K or X. With old radar it is very tough
: to get small vehicles on radar, unless they go very fast.

This whole paragraph is silly. The primary reason for lasar time and distance measuring equipment (there is no such thing as lasar radar - at least, not yet) is that it does NOT diffuse anywhere near as rapidly as radar. That is a characteristic of coherent waves. It can easily be aimed at One target, so there is no confusion over which vehicle is being clocked.

Because the energy density of the signal striking the vehicle is higher, it returns a stronger signal.

The last bit about clocking small vehicles is also false. You can use a handheld radar to clock baseballs - which are a lot smaller and not nearly as good a target as even the smallest motor vehicle.

: 4. A new brand of Canadian radar now comes with a detector that hunts out
: jammers. It is available in the U.S. and it does detect laser radar
: jammers(I have only seen ads). There are also detectors that detect these
: detectors. Be advised that if you are caught with a jammer not only do you
: face a stiff state fine but you may be prosectuted under the federal code
: which is 5 yrs. and $10k. In Iowa it is a simple misdemeanor(30 days and/or
: $150 fine). I can promise if you are caught by an officer plan on getting a
: ticket and a possible vehicle inspection and impoundment to determine if
: there are any other devices in you vehicle(Yes, it is all legal).

This is correct. You can be charged with obstruction of justice, interfering with an officer in the performance of his duties, malicious hindering etc. They do not even have to mess with wimpy jammer laws.

: 6. Police motorcycles also have permanent mounts and the handhelds have a
: holster on the bike. Most motor officers know better than to place the unit
: between their legs because it may side out and get caught on the bike or
: destroy the radar unit and the last thing an officer needs is to get tangled
: in his radar unit.

Or get tangled in the wheels or chain, and cause the officer all sorts of grief. Thanks for reinforcing my point.

Bill

3914. WTB: Plectron Monitor or Minitor II Pager

Newsgroup: rec.radio.scanner
Date: 1994-10-16 06:59:00 UTC
From: gregm@ccwf.cc.utexas.edu
Message-ID: <gregm-1510942359000001@slip-5-3.ots.utexas.edu>
Source record: 267198

I'm looking for an older model Plectron monitor in working or nonworking condition. We need a second one for our fire station.

I am also looking for Minitor II pagers in good condition. working or not.

If you have any info, please email me.

thanks,

Greg Middleton
Firefighter/EMT
Travis County FIre Control

--
Greg Middleton
gregm@ccwf.cc.utexas.edu

3915. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-16 07:02:21 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct16.070221.22081@hpcvaac.cv.hp.com>
Source record: 267213
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

esh6n@brain.neuro.virginia.edu (Ned Hamilton) writes:
:
: You probably have the right to transmit at any laser frequencies because
: the FCC doesn't have jurisdiction at light frequencies although they
: have jurisdiction over rf which light is. But you can't interfere with

Light is NOT rf. However, both are part of the electromagnetic spectrum.
I don't know of the FCC claims jurisdiction over lasar transmission devices,
I doubt if they do.

: the police measuring speed limits whether it's your speed or some one
: else's. And most legal experts agree that the states can regulate your
: rights to monitor the police radar signals. Look at Virginia where
: it is illegal to have a radar detector in your car. The courts have
: held that this Va law does not violate your federal rights.

The state courts have ruled this way in Va. Other state courts have
ruled otherwise. I don't believe there has been any US Supreme Court
ruling on the matter.

Bill

3916. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-16 07:05:58 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct16.070558.22150@hpcvaac.cv.hp.com>
Source record: 267215
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

jnormandin@umassd.edu (JERRY NORMANDIN) writes:
:
: ALSO I thought the radar used in metropolitan areas were at least 25 WATT.

No way. They are under 1 watt - with a horn antenna that amplifies the signal (by making it much more directive) by about 100 times. I seem to recall that they were around 100 mw - which would mean the effective radiated power would be about 10 watts - at the mouth of the horn.

Bill

3917. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-16 07:07:48 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct16.070748.22220@hpcvaac.cv.hp.com>
Source record: 267214
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

jnormandin@umassd.edu (JERRY NORMANDIN) writes:
: >I'll brush off the fact that there is no such thing as "Laser RADAR",
: >and comment that LIDAR accounts for only a small percentage of the
: >tax-collector's arsenal. It's cumbersome, expensive, may pose health
: >threats of its own (ie, shining coherent infrared laser light into the
: >eyes of millions of motorists year after year could be dangerous as
: >well - although not to Officer Friendly).

: Doesen't the unit have to transmit a burst of light, pick it up on a
: photodetector, and calculate the time it took? And then try again calculate the
: diffrence.

That is exactly how it works. However, the distance measuring is so precise,
that the two measurements can be made within fractions of a second of each
other.

Bill

3918. Re: Hit list for November elections

Newsgroup: rec.radio.scanner
Date: 1994-10-16 07:23:50 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct16.072350.22310@hpcvaac.cv.hp.com>
Source record: 267144
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

jlbowman@indyvax.iupui.edu writes:
: > "It is a good thing that we do not get as much government as we pay for"
: > -Will Rogers
:
: Aye......A second on the "Hit List" as proposed by Mr. Crisp. It may fair well
: if a "note" to Washington would be generated in this newsgroup which could
: easily be forwarded to the respective members of our "distinguished" House and
: other "elected" officials. Wake up America!

Fat lot of good it will do. Most of the voting populace votes for a pretty face, or whoever spouts the best sounding drivel. Very few look at what actually is being made into law by our legislators, because most of the laws do not affect the directly right now - or only remove a "little" of their freedom. I doubt if this will change any time in this decade - although I think the most recent gun ban attempt (the silly "assault weapons" ban) may have woken some of the people up.

Bill

3919. Re: Radio Politics

Newsgroup: rec.radio.scanner
Date: 1994-10-16 07:32:31 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct16.073231.22639@hpcvaac.cv.hp.com>
Source record: 267145

wwhitby@aol.com (Wwhitby) writes:
: It is only a matter of time before a police chief or their union lobbiests
: start complaining to congress about people listening to their
: communications. Then we will lose another HUGE chunk of our hobby. Our
: rights are under attack on many fronts. Stand up. Make your vote count.
: This may be the last chance to defend our rights. If you don't take the
: time to vote in the election coming up, keep quiet - I don't want to read
: the whining of people who throw away the chance they have to make a
: difference and complain when congress and the president strips them of
: another one of our liberties.
:
: Make your vote count!!

Fine, but who are you going to vote for? If you vote either Democrat
or Republican, you are simply voting to continue with the status quo.
Maybe we should all consider voting for the Libertarian candidates.
However, I doubt if there are enough of us to make much of a difference.
The next best thing would be to vote all the incumbents out of office.

Bill

3920. Re: Scanner Info

Newsgroup: rec.radio.scanner
Date: 1994-10-16 08:00:33 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct16.080033.22737@hpcvaac.cv.hp.com>
Source record: 267146

fanfant@netcom.com (Robert Fanfant) writes:
: I'm new to the world of scanning and am considering purchasing a
: scanner in the $400 price range. Would prefer a handheld unit or
: table top model if it would run off of 12 Volts DC.
:
: Any suggestions?

If you do not insist on having cellular frequency capability, trot down to your local Radio Shack and buy a PRO-43. It may or may not be convertable. If it is not, there are converters available that will allow you to listen anyway.

Bill

3921. Re: Maruhama RT-618

Newsgroup: rec.radio.scanner
Date: 1994-10-16 11:06:48 UTC
From: ian@isis.demon.co.uk
Message-ID: <782305608snz@isis.demon.co.uk>
Source record: 267154

In article <37mf0n$pi7@panix3.panix.com>
schuster@panix.com "Michael Schuster" writes:

> In article <220945519wnr@phoenixs.co.uk>,
> Gary Smith <gary@phoenixs.co.uk> wrote:
> >I'm looking at getting a scanner and I saw an advert for the Maruhama
> >RT-618. Does anyone know this scanner? Is it totaly cool or a waste
> >of space. Please give me your 0.02 worth.
>
> JUNK. Stay away.
>
> You have been warned.

Anyway, the Yupiteru 7100 is only 20 UKP more expensive and that *is*
totally cool - still the one to beat, as far as I'm concerned. With
luck, the slide in the price of the 7100 is the first fallout of the
laughable US scanner laws, with more to follow, I hope :)

Ian.
--

| Ian Smith | "The Moving Finger writes;
| ian@isis.demon.co.uk | and, having writ, Moves on."

3922. Re: Short PRO-43 Battery life?

Newsgroup: rec.radio.scanner
Date: 1994-10-16 12:01:05 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CxrLDu.8I@nntpa.cb.att.com>
Source record: 267153

In article <37q9oc$29i@hopper.acm.org>,
F. Barry Mulligan <mulligan@ACM.ORG> wrote:

> Typical NiCad life in a PRO-43 is 6 hours for 600mah batteries. A test
>using standard R.S. NiCads with: Scan mode, minimum squelch, minimum volume
>(i.e. receiving, but no audio out) produced a battery warning at 6h 4m and
>a dead radio 9m later. Maximum audio would reduce this by 1/3.
> The current draw for a sample PRO-43 was: max. audio, 150ma; normal audio,
>90-105ma; squelched 85ma. In the battery saver mode the draws were 6.5ma for
>1 sec and 80ma for 1/4 sec, yielding an average draw of 21ma.

These figures are in close agreement with the PRO-43 I tested.
From my comparison with the Uniden/Bearcat 200xlt, posted previously:

"Current drain from batteries was measured at 88 ma. while
scanning and 90 - 140 at various settings of the volume con-
trol with the squelch open. The PRO-43 averages 36% higher
current drain than the 200XLT which means the batteries will
need recharging more frequently."

Non-rechargeable alkaline batteries work better than NiCd cells
in my PRO-43 application.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

3923. Re: Hams and Scanners in the Car

Newsgroup: rec.radio.scanner
Date: 1994-10-16 12:21:37 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.141.000C5C9E@cornell.edu>
Source record: 266811

>Like many others that post to this newsgroup, I am a licensed ham radio
>operator. I know that many states have laws against using a scanner in a
>vehicle. I have the following questions:

>1. Does the law refer to mobile scanners and therefore exempt handhelds?

>2. I believe that my FCC ham license exempts me from the law regarding
>using a scanner in a vehicle. Am I correct?

>I would appreciate any comments on this issue.

>thanks,

>+-Jim

>jim@ttech.com
Jim; the laws depend on your state. The exemption specifically mentions transcievers as being exempt. In the peoples republic of New York it is a violation of MV&T laws to have "any reciever capabile of recieving public safety band transmissions" I think the ANT covers hand held scanners. There has been a lot of discussion on whether the Ham exemption covers scanners and most feel that it dosen't.

This is al the more reason for Hams, ARRL etc to get on the stick and help get these laws removed. The airwaves belong (read are supposed to) to the people. It is up to us to tell congress and our other lawmakers which people we mean. Don't think it will get better just because you are a Ham, it will only take them a little longer to get to you.
carl KB2..it's in the mail.
Carl (ex-jarhead) Semper Fi
"To those who fought for it, freedom has a flavor
the protected will never know"
unknown Marine; Khe Sahn, Viet Nam

3924. Pro 44 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-16 12:25:00 UTC
From: darwin.teague@exnavy.esnet.com
Message-ID: <249.1338.352.0ND9E844@exnavy.esnet.com>
Source record: 267089

>Could anyone who owns one of these scanners please let me know if it
>is any good or if someone knows of a simlar but better model.

It's so-so. 50 channels, pretty good coverage (air and federal, but no 800).
The biggest pain is that you can't set an upper and lower limit to
search between. You CAN search upward or downward from a frequency, but
it just keeps going and going......
--- JCQWK

3925. Re: MT e-mail address ?

Newsgroup: rec.radio.scanner
Date: 1994-10-16 13:12:19 UTC
From: rout0003@stingray
Message-ID: <CxrooB.JEz@news.cis.umn.edu>
Source record: 267149

Brendan van Loggerenberg (brendan@iaccess.za) wrote:
: Hi
: I am trying to get hold of an e-mail address for anyone at Monitoring Times.
: I need this so that I can get the address of a fellow South African who
: is a regular contributor to articles in this mag.

: Thanks
: Brendan

Here is the email for grove. Don't know if it is exactly what you are looking
for, however, this should get you pointed in the right direction.

Try this:
grove@mercury.interpath.net

- Andy R.

3926. Re: Thunderbirds request

Newsgroup: rec.radio.scanner
Date: 1994-10-16 13:15:22 UTC
From: rout0003@stingray
Message-ID: <CxrotF.JHx@news.cis.umn.edu>
Source record: 267150

Patrick Briscoe (dratomic@blkbox.com) wrote:
: Does anybody out there have the frequencies that the Thunderbirds
: currently use? Thanks!

Here are some.

- Andy R.

mil.angels
==========
BLUE ANGELS/THUNDERBIRDS
==========
According to the 8th edition "Registry of US Govt. Freqs" by Tom Kneitel,

The Blue Angels are.....
121.9, 123.4, 134.1, 141.56, 142, 142.025/142.65, 143, 143.6, 241.4, 250.8,
251.6, 275.35, 307.7, 360.4, 384.4, 391.9, 395.9.

The Thunderbirds are.....
66.9, 114.95, 120.45, 123.4, 124.935, 140, 140.4, 141.85, 235.25, 236.55,
236.6, 250.85, 273.5, 283.5, 295.7, 322, 322.6, 382.9, 394.
Thunderbird ground crew....
413.025, 413.075, 413.1, 413.15, 413.275, 413.35, 413.4.

Most air comms should be AM while ground crews are most likely FM.
Although no ground crew was listed for the Blue Angels, check out the
140 MHz stuff for that. Also, the 142.025/142.65 is likely a repeater
output/input.

- writer unknown

Following frequencies for the Thunderbirds.

66.90
114.95
118.1
120.450 F-16 stunt coordination
123.540 air show control
124.925 air to air
126.2 tower
134.1 parachutists
138.875
141.850 air coordination (verified)
148.550 maintenance
241.4

250.85 team leader command
273.5
283.5
295.7
322.3
322.6
382.9
394.0
413.025 ground support crews

THUNDERBIRD FREQS. 5-JUL-1989 12:45
Heard on Jul 1 & 2 1989 from Hanscom AFB:

T-Birds: 141.850 & 236.550

Blue Angles Thunderbirds
142.0 120.45
143.0 126.2
143.6 141.85
241.4 413.025
251.6
275.35
384.4

Otis AFB in Massachusetts on Sunday July 10, 1988.
I had a Radio Shack PRO-2004 hooked up and monitored all frequencies
that I have heard of in this notes file and DX publications. The only
active one was 141.850 MHz in the AM mode. This was used for flight
coordination between planes.

- writer unknown

USN BLUE ANGELS FREQS.
==========
Not all frequencies are used at all airshows. During practice,
channel usage may not conform to actual airshow usage.

Maintenance / Flightline

142.000 Alpha Maintenance (AM) - rpts. on A-A channel
143.000 Bravo Maintenance (AM) - rpts. on A-A channel
141.560 Charlie Maintenance
142.025 Delta Maintenance (ground support) in
142.625 Delta Maintenance out
143.600 Ch. 10 Maintenance
263.350 Flight Line Common Maintenance
142.260 Unknown

142.2625 Unknown
142.265 Unknown

Flight - Air-to-ground

118.100 Unknown
118.200 Unknown
121.900 Ground Support (refueling, etc.)
123.400 Common Control
123.450 Common Control
251.600 A-A 8 (planes 5-6, the "soloists)
307.700 A-A 16 (All 6 aircraft)
302.150 A-A 17 (All 6 aircraft - alternate)
275.350 A-A (Diamond formation - planes 1-4)
246.400 A-A (Solo/2-Team)
251.800 A-A 19 (planes 5-6)
302.100 Talkback (?)
348.600 Ground Support (?)
360.400 Soloists (?)
362.600 Air Show Control (?)

241.400 A-A 382.500 A-A
245.900 A-A 384.400 A-A
250.800 A-A 391.100 A-A
263.500 A-A 391.900 A-A
318.900 A-A 395.500 A-A
345.900 A-A 395.900 A-A

I recently saw the Thunderbirds at Wilkes Barre-Scranton (PA) air show.
Here is what I VERIFIED -
141.850 - By far the busiest freq - used before and during the show.
Before the show they ran thru the whole routine on this freq
and during the show this was the MAIN delta formation freq.
322.950 - Used on the ground before the show for pre-flight check out.
During the show was used by the two solo planes.
235.250 - Was ID as TB control but was used very infrequently.
413.100 - Very active before the show. Mainly maint and "get ready"
type chatter, ground crew, maint etc. Was used as the
T-birds were taxing out to inform them that their "chatter"
was being re-broadcast thru airshow PA system.
120.450 - Before show seemed to be keyed along with 141.850 but during
the show there was no further activity on this freq.
122.850 - Used by "Swift Magic" and couple other acts during the show.
I have seen both the Angles and the T-birds and I can tell you the
T-birds have MUCH more chatter to listen too, although both teams are
GREAT.

- writer unknown

This past weekend in Cleveland the Blue Angels were using 275.350 and 251.600. At the Latrobe/Westmorland Co PA airshow the Thunderbirds were using 141.850 and 322.600, with some support traffic on 413.100 (like, "Hey, get Jean-Claude Van Damme's autograph for Jim and I, too!" -- really! :-)). Note also that the 141.850 traffic was AM (glad I have a Pro-43!).

THUNDERBIRDS U.S. Air Force
66.900 Ground Support NBFM
114.9500 THUNDERBIRDS AIR FORCE NATIONWIDE
118.100 REPORTED OPERATIONS
118.200 REPORTED OPERATIONS
120.450 reported ops
123.400 air show common
123.450 AIR TO AIR CHIT CHAT
124.9300 THUNDERBIRDS AIR FORCE NATIONWIDE
134.100 REPORTED OPERATIONS
138.875 REPORTED OPERATIONS
140.000 REPORTED OPERATIONS
140.400 AIR TO AIR TACTICAL & GROUND CHIT CHAT CHANNEL
141.300 REPORTED OPERATIONS
141.850 VICTOR 1 PRIMARY [air to air]
143.850 VICTOR 2 SECONDARY
148.175 other fq reported
148.550 REPORTED OPERATIONS
148.550 Ground Support NBFM
235.250 THUNDERBIRD CONTROL [Team Leader]
236.550 SOLOS 5 & 6 AIR TO AIR
236.600 air to air
241.400 Solo 5-6
250.850 REPORTED LEADER CUES [Team Leader]
273.500 REPORTED F2 /Solo 5-6
283.500 REPORTED F3 Solo 5-6
294.700 REPORTED OPERATIONS [air to air]
295.700 REPORTED F1
319.700 reported operations
322.300 REPORTED F4 [air to air]
322.600 REPORTED F5 [air to air]
322.950 ANSWERS TO 235.250 / SOLOS 5 & 6 AIR TO AIR
382.900 REPORTED F6 [air to air tactical]
383.900 Air to Air [UHF]
392.900 reported operations
394.000 REPORTED F7 [air to air tactical]
413.025 Ground Support NBFM [Channel 2]
413.100 Ground Support NBFM [Channel 1]

.....

123.4000 NAVY BLUE ANGELS COMMON CONTROL
142.0000 BLUE ANGELS TEAM NAVY NATIONWIDE
142.0250 BLUE ANGELS TEAM NAVY NATIONWIDE
142.2625 BLUE ANGELS TEAM NAVY NATIONWIDE

142.2650 NAVY BLUE ANGELS: UNKNOWN USE
143.0000 NATIONWIDE BLUE ANGELS ALSO 118.2 ,275.35 ,142.0 ,241.4 ,360.4
,391.1 ,395.9
142.6250 NAVY BLUE ANGELS GROUND SUPPORT FEEDS 142.025
143.0000 NAVY BLUE ANGELS AIR-AIR 'B'
143.6000 NAVY BLUE ANGELS MAINTENANCE/GROUND CREW
241.4000 USN BLUE ANGELS AIR TO AIR Y
246.4 - Solo/2-Team
250.8000 USN BLUE ANGELS AIR TO AIR Y
251.6000 USN BLUE ANGELS AIRCRAFT 5-6 (CH-19) ALSO AIR TO GND Y
263.350 Maintenance (My Plane's Broke! FIX it, Ground Mech!)
275.3500 USN BLUE ANGELS AIRCRAFT 1-4 ALSO AIR TO GND Y
302.150 All Aircraft
307.700 Alternate All Aircraft
360.4000 USN BLUE ANGELS AIR TO AIR Y
384.4000 USN BLUE ANGELS AIR TO AIR Y
391.9000 NAVY BLUE ANGELS AIR-AIR
395.9000 USN BLUE ANGELS AIR TO AIR Y

.....

032.2000 U-S ARMY GOLDEN KNIGHTS OPS SECONDARY
032.3000 U-S ARMY GOLDEN KNIGHTS OPS
042.0250 U-S NAVY BLUE ANGELS GROUND SUPPORT RPTR OUT
042.3500 U-S ARMY GOLDEN KNIGHTS OPS PRIMARY
121.9000 NAVY BLUE ANGELS GROUND SUPPORT
123.4000 U-S ARMY GOLDEN KNIGHTS COMMON CONTROL

.....

CANADIAN SNOWBIRDS ch.1 275.80 ch.2 295.60 ch.3 310.80
ch.4 227.60 ch.5 243.40 ch.6 240.50
ch.7 378.50 ch.8 266.30 ch.9 294.50
ch.10 322.80 ch.11 245.70 ch.12 316.50
ch.13 344.50 ch.14 356.60 ch.15 236.60
ch.16 283.90 ch.17 363.80 ch.18 289.40
ch.19 245.0 ch.20 239.80

.....

Brazilian A.F. 130.55 130.655 132.25
.....

- Christopher P. Dingman (dingman@ece.cmu.edu)

==========

3927. Re: clear the congress, Re: Off-topic postings

Newsgroup: rec.radio.scanner
Date: 1994-10-16 15:38:57 UTC
From: fd@wwa.com
Message-ID: <37rheh$7lb@sashimi.wwa.com>
Source record: 267142
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

David W. Barts (davidb@ce.washington.edu) wrote:
: crisp@netcom.com (Richard Crisp) writes:

: >The time to act is NOW, the time to VOTE is November 8. I recommend
: >doing away with the Democratic majority the House has had since
: >1954. This is the first place to start the sweeping changes we all
: >feel is needed in our hearts. THE DEMOCRATIC PARTY HAS HELD CONTROL
: >OF THE HOUSE UNINTERRUPTED SINCE 1954. IT IS TIME THIS CHANGES!

: What a load. The bill that Mr. Crisp finds offensive (and no, I don't
: like it myself either) was sponsored by Democrats to forestall
: something custom-written by the FBI getting introduced by an
: FBI-friendly congresscritter and gaining approval. Read the EFF
: briefs on this bill that were posted a month or so ago.

: The Republicans didn't sponsor the bill that Mr. Crisp finds
: offensive, not because they thought it was too intrusive, but BECAUSE
: THEY APPARENTLY DIDN'T SEE ANYTHING WRONG WITH AN EVEN MORE INTRUSIVE
: FBI-DESIGNED BILL GETTING APPROVED LATER!

: Yes, this is off subject. But after biting my lip and not posting it
: time and time again, I couldn't hold it in any more. So sue me.

: Damn, that felt good!

What a load! The congress should vote for something BAD, merely because
if they don't... something WORSE might come up for a vote! Are they
sucking jelly fish... or do they have some backbone and integrity?

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
KEVIN MITNICK DISGUISE KIT: From your fax: (708) 356-9646 doc #903
email for uuencoded .TIF of T-Shirt Honoring the FBI

3928. Digital info & Soundblaster

Newsgroup: rec.radio.scanner
Date: 1994-10-16 16:03:01 UTC
From: starin@netcom.com
Message-ID: <starinCxrwL1.128@netcom.com>
Source record: 267143

Well, here goes... it seems to me (and correct me if I'm wrong) that the technology for capturing digital information and doing something with it is literally staring us in the face in the form of Soundblaster cards and their equivalent. I know one knowledgeable person in this group posted a program that will decode DTMF tones via the Soundblaster. What about the same thing for digital data that is criss-crossing the sky and waves?

Any ideas... anyone?

Jeffrey
{New York}
--
Jeffrey
{New York}

3929. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-16 16:20:08 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <CxrxDK.8Bq@news.Hawaii.Edu>
Source record: 267201
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

billn@hpcvaac.cv.hp.com (bill nelson) writes:

>orion1@iastate.edu (Alex Orion Leu) writes:

>: 3. Laser was invented for the patrol because of two reasons. First, it is
>: tougher to detect because it diffuses very fast and doesn't carry the
>: signature that sets many K or X radar detectors off. Second, it gives a
>: much stronger signal as compared to K or X. With old radar it is very tough
>: to get small vehicles on radar, unless they go very fast.

>This whole paragraph is silly.

What's even more silly is the fact that you're cross posting this to
rec.radio.swap. Stop it!

3930. Re: Short PRO-43 Battery life?

Newsgroup: rec.radio.scanner
Date: 1994-10-16 18:16:16 UTC
From: woodman@coyote.rain.org
Message-ID: <woodman.782331072@coyote>
Source record: 267219

ssyck@alpha2.csd.uwm.edu (Steven B Syck) writes:

>Just wondering..

>Is the PRO-43 known for having a rather short battery life? I bought mine a
>couple of months ago with new Nicads and they don't seem to last very long
>even when fully charged. About 4 hours is all I can get. This is scanning
>3 banks and with the 'pri' channel turned on.

>Any suggestions to get longer life out of the batteries? I was thinking of
>getting some Renewal alkalines. Would they last longer? Or did get some
>bad nicads?

I have a set of nicads that I cycle into my Pro 43 that are over two
years old. At least once a week I let them completely discharge before
recharging. That way I avoid the memory problem. The 43 is much hungier
for electrons than my previous scanners, so I find that I have to plan
ahead. For instance, if there is a major brush fire near here and I'm
going to be running around and/or visiting the tanker base, I pop in a
set of alks for a couple of days.
--
-- | ComputerFOCUS
Michael H. Woodill |
(805) 681- 8343 | Software Training For The Tri Counties Since 1988
woodman@rain.org | Novell Authorized Education Center

3931. RE: Scanner sites on the Internet?

Newsgroup: rec.radio.scanner
Date: 1994-10-16 19:16:01 UTC
From: shawn4sk1@aol.com
Message-ID: <37ru5h$jfe@newsbf01.news.aol.com>
Source record: 267220

(Brendan, I reposted my mail to you here for the possible benefit to others :-)

Brendan,

oak.oakland.edu seems to be one of the most popular ftp sites.

If you do a Veronica or other search and look for "ham radio", you will find there are about 50 more sites out there but not all of them discuss scanners.

You might also try some of the nationally known scanner BBS sites, such as:

*US Scanner News BBS- (206)695-0678
300-24,000 baud N/8/1 settings 24hrs.

*Grove's BBS- (704)837-9200, -5957, -7081, 5183 (4 lines)
5:30pm-7:30am M-F, 24hrs Sat-Sun

Good luck!

Shawn Oliver
On the Internet at: soliver@ozarks.sgcl.lib.mo.us

(I do not read mail posted to shawn4sk1@aol.com)

3932. Re: clear the congress, Re: Off-topic postings

Newsgroup: rec.radio.scanner
Date: 1994-10-16 19:17:05 UTC
From: davidb@ce.washington.edu
Message-ID: <37ru7h$9qb@news.u.washington.edu>
Source record: 267148
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

fd@wwa.com (Glen L. Roberts) writes:

>What a load! The congress should vote for something BAD, merely because
>if they don't... something WORSE might come up for a vote! Are they
>sucking jelly fish... or do they have some backbone and integrity?

So, where was the Republican leadership? There was nothing stopping them from either (a) proposing their own amendments to defang the bill (and threatening a Senate filibuster if the Demos. refused to let them), or (b) proposing an alternative bill of their own and trying to win support for it. Such things happen routinely in Congress, yet neither was done in this case.

--
David Barts N5JRN UW Civil Engineering, FX-10
davidb@ce.washington.edu Seattle, WA 98195
1916 GMT T: 55 F wind: ESE 3 gust 5 mph P: 1022 mbar

3933. RE: Superior Coax Cable- I hope this is the final post!

Newsgroup: rec.radio.scanner
Date: 1994-10-16 19:26:02 UTC
From: shawn4sk1@aol.com
Message-ID: <37ruoa$jkl@newsbf01.news.aol.com>
Source record: 267151

I think we all have a better understanding about what type of coax cable is best and if there's a FAQ for rec.radio.scanner, whoever is "in charge"- it would be a great idea to add the coax recommendation info to it, if it's not there already. Thanks to some of the members who read rec.radio.scanner, I have since changed my cable from RG-58 to RG-6 and have had a MAJOR, MAJOR improvement!

But guys, I see about 3-5+ posts a day discussing coax cable and which is superior. From this point on, could you please begin discussing this between yourselves and keep it off rec.radio.scanner. I am not writing this as a flame- again, without the posts, I would not have the range I have now. I just think it's getting a little past the general audience's interest and quite redundant.

:-)

Shawn Oliver
soliver@ozarks.sgcl.lib.mo.us

(I do not read mail sent to shawn4sk1@aol.com)

3934. Discussion of Cordless monitoring laws

Newsgroup: rec.radio.scanner
Date: 1994-10-16 19:41:05 UTC
From: shawn4sk1@aol.com
Message-ID: <37rvkh$jt0@newsbf01.news.aol.com>
Source record: 267152

I found this today on the misc.legal newsgroup- don't know the reliability
of the info but thought it was pretty interesting. Enjoy! Shawn Oliver,
On the Internet at: soliver@ozarks.sgcl.lib.mo.us

Subject: Re: Cordless Snooping Outlawed?
From: eck@panix.com (Mark Eckenwiler)
Date: 14 Oct 1994 19:57:54 -0400
Message-ID: <37n5u2$641@panix.com>

In <37ekjk$827@access1.digex.net>, jthomas@access1.digex.net sez:
>In article <37biev$dn5@sashimi.wwa.com>, Glen L. Roberts <fd@wwa.com>
wrote:
>
>>So, the Digital Wiretap Act outlawed the monitoring of Cordless Phone
>>Calls? Same as Cellular Now? Or, what?
>
>It appears so. The EFF may have had something to do with this. They
>added a number of "significant new privacy protections" to DigTel when
>they became convinced they would be unable to defeat the bill. Among the

>protections listed in their August 10 summary of the Edwards/Leahy bill
>is "an expansion of current law to protect the radio portion of cordless
>telephone conversations from unauthorized surveillance."
>
>It's not clear that EFF actually got the cordless phone language inserted

>into the bill

It's clear they did no such thing. That provision was in the earlier
version of the measure last spring, at a time when EFF opposed the
measure altogether.

>I believe that a Federal Court of Appeals (if not the Supremes
>themselves) had found that there is no "expectation of privacy" for
>conversations on cordless phones, so there is no problem intercepting
>conversations held on them.

There was some pre-1986 federal caselaw to that effect. The 1986 ECPA
added an explicit proviso exempting cordless phone transmissions from
Title III's protections. Since then, however, a number of states
(Conn., NY, Calif.) have adopted new statutes (or readings of existing
ones) that extend protection to such communications.

A good rule of thumb is that if cordless comms are protected in your
jurisdiction -- which will be the entire US in short order -- then

there is a legal "expectation of privacy."

---------- Headers ----------
Path: newsbf01.news.aol.com!newstf01.cr1.aol.com!uunet!panix!not-for-mail
From: eck@panix.com (Mark Eckenwiler)
Newsgroups: alt.2600,comp.org.eff.talk,misc.legal
Subject: Re: Cordless Snooping Outlawed?
Date: 14 Oct 1994 19:57:54 -0400
Organization: Saltieri, Poore, Nash, deBrutus & Short, Attorneys at Law
Lines: 35
Distribution: inet
Message-ID: <37n5u2$641@panix.com>
References: <37biev$dn5@sashimi.wwa.com> <37ekjk$827@access1.digex.net>
NNTP-Posting-Host: panix.com
Xref: newsbf01.news.aol.com alt.2600:26455 comp.org.eff.talk:16306
misc.legal:24683

3935. AOL 900

Newsgroup: rec.radio.scanner
Date: 1994-10-16 20:02:13 UTC
From: blade@tyrell.net
Message-ID: <Cxs7nq.1EC@tyrell.net>
Source record: 267161

[No readable article body recovered]

3936. AOL 900

Newsgroup: rec.radio.scanner
Date: 1994-10-16 20:07:01 UTC
From: blade@tyrell.net
Message-ID: <Cxs7vq.1F3@tyrell.net>
Source record: 267162

[No readable article body recovered]

3937. Re: AOR 1500

Newsgroup: rec.radio.scanner
Date: 1994-10-16 20:54:25 UTC
From: jnormandin@umassd.edu
Message-ID: <CxsA2p.2Iv@umassd.edu>
Source record: 267155

In article <WqodkS93POUE071yn@iaccess.za>, brendan@iaccess.za (Brendan van Loggerenberg) writes:
>Hi
>Are there any users of the AOR 1500 out there ?
>What do you think of it. I am impressed with the Shortwave coverage. It does
>a pretty good job seeing that its reception is so wide !
>
>Cheers
>Brendan
>
I own an AR 1500. It's a decent radio. The one I have has continuous coverage! Nothing is blockes out. I wish it had 1khz stepping though so the bfo could be finer.
I built several antenneas for it so we could listen to the shuttle mission being repeated from NASA's JPL. Well I had to go to Radio Trash and pick up a DX-380 for the week. The DX-380 did a better job, the AR1500 was getting swamped by a local AM Radio Station. The Radio Trash didn't. Do you have a problem with local radio stations when listening to SW?
d

3938. Re: clear the congress, Re: Off-topic postings

Newsgroup: rec.radio.scanner
Date: 1994-10-16 20:57:15 UTC
From: crisp@netcom.com
Message-ID: <crispCxsA7G.HvJ@netcom.com>
Source record: 267157
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

In article <37q2ut$qtl@news.u.washington.edu> davidb@ce.washington.edu (David W. Barts) writes:
>crisp@netcom.com (Richard Crisp) writes:
>
>
>>The time to act is NOW, the time to VOTE is November 8. I recommend
>>doing away with the Democratic majority the House has had since
>>1954. This is the first place to start the sweeping changes we all
>>feel is needed in our hearts. THE DEMOCRATIC PARTY HAS HELD CONTROL
>>OF THE HOUSE UNINTERRUPTED SINCE 1954. IT IS TIME THIS CHANGES!
>
>What a load. The bill that Mr. Crisp finds offensive (and no, I don't
>like it myself either) was sponsored by Democrats to forestall
>something custom-written by the FBI getting introduced by an
>FBI-friendly congresscritter and gaining approval. Read the EFF
>briefs on this bill that were posted a month or so ago.
>
>The Republicans didn't sponsor the bill that Mr. Crisp finds
>offensive, not because they thought it was too intrusive, but BECAUSE
>THEY APPARENTLY DIDN'T SEE ANYTHING WRONG WITH AN EVEN MORE INTRUSIVE
>FBI-DESIGNED BILL GETTING APPROVED LATER!

I said that the rights erosion has accelerated under the Clinton Regime.
I have also said that the Democrats have controlled the congress since
1954. Do you have trouble with these facts?

I do not like the Republicans much better, if any. I am suggesting
it is time for massive change, and I suggest we do away with all
incumbents so they know that we know they have totally gutted
the Bill of Rights and that we will stand for it no more.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3939. Re: Los Angeles Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-10-16 20:58:07 UTC
From: phila@crl.com
Message-ID: <37s58n$ooj@nntp.crl.com>
Source record: 267156

>
> Does anyone have a list of frequencies in L.A.?
>
> Hmmm....a list of frequencies used at the University of Southern California
> would be nice too.
>
Try Gene Hughes' POLICE CALL Radio Guide. Has a pretty good listing of
emergency, government etc. freq. for SoCal. Listed by county. Available at
most electronics shops or California Radio Communications, PO Box 35102,
LA,CA,90035.

phil a

3940. Re: The one-issue election...

Newsgroup: rec.radio.scanner
Date: 1994-10-16 21:14:54 UTC
From: crisp@netcom.com
Message-ID: <crispCxsB0u.Izz@netcom.com>
Source record: 267158
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <Cxp4on.Gut@vcd.hp.com> dmunroe@vcd.hp.com (Approach maximum loads with caution) writes:
>
><briskin@binah.cc.brandeis.edu> wrote:
>
>>And, frankly, if you polled
>>most Americans who have cellular or cordless phones, you
>>would probably find that they SUPPORT the law, because it
>>is designed to protect their privacy.
>
>
>Actually, they support it because they *think* it protects their privacy
>when in fact the law does nothing! If our representatives <cough> really
>wanted to protect communications, they'd require the phone companies to
>scramble the cordless and cellphone transmissions.
>

Actually you are mistaken about this, it definitely does something: it further restricts the type of equipment you can own.

Not the stated intent, but it does have an effect that is contrary to what the congresscritter Levin told his constituent. We either are being lied to by our representatives or they are too stupid to know what they are doing. Either way their time is over as far as I am concerned.

I WILL VOTE FOR NO INCUMBENT IN WASHINGTON, I SUGGEST YOU ADOPT THE SAME POLICY>

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3941. Re: clear the congress, Re: Off-topic postings

Newsgroup: rec.radio.scanner
Date: 1994-10-16 22:19:34 UTC
From: gdallal@world.std.com
Message-ID: <CxsE0n.8FK@world.std.com>
Source record: 267159
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

```
> From: [Person 1]
> [Person 2] wrote:
> : [Person 3] writes:
>
[snip]
> : The Republicans didn't sponsor the bill that [Person 3] finds
> : offensive, not because they thought it was too intrusive, but BECAUSE
> : THEY APPARENTLY DIDN'T SEE ANYTHING WRONG WITH AN EVEN MORE INTRUSIVE
> : FBI-DESIGNED BILL GETTING APPROVED LATER!
>
> What a load! The congress should vote for something BAD, merely because
> if they don't... something WORSE might come up for a vote! Are they
> sucking jelly fish... or do they have some backbone and integrity?
```

Thanks for a perfect illustration of my point. Three intelligent people who seem *UNITED* in their stand against restrictions on monitoring radio freqencies. However, are they united in their fight against restriction? No. They are arguing about what might be the underlying force behind the restrictions. Score 1 for the powers of darkness.

3942. RS Pro-39 Modification Procedure Needed

Newsgroup: rec.radio.scanner
Date: 1994-10-16 22:46:22 UTC
From: jm39s70@sycom.mi.org
Message-ID: <jm39s70.ad8a@sycom.mi.org>
Source record: 267164

Can someone please post the procedure to Mod the Realistic Pro-39 to receive cellular. Thanks.

--
Jim Mallory
Alternate Internet E-Mail Address 75230.3720@compuserve.com

3943. Re: PRO 46

Newsgroup: rec.radio.scanner
Date: 1994-10-16 22:49:31 UTC
From: jmaio@sw
Message-ID: <jmaio.1.000FD3C1@sw>
Source record: 267160

In article <X5eckiubGsfR066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:
>From: domonkos@access.digex.net (Andy Domonkos)
>Subject: Re: PRO 46
>Date: 11 Oct 1994 08:40:40 -0400

>In article <37c2ki$qg4@apple.com>, Ulan King wrote:
>>
>> I also hear that the Pro 46 microprocessor is capable of 760-1300 Mhz.
>> How do you
>> get the scanner to do that type of range?
>>
>> Ulan

>It isn't so much opening up the tuning range as it is having the required
>front end tuned circuits. When you go beyond the intended frequency ranges
>the front end tuned circuits act as filters, thus you'll get very little,
>if anything outside the designed ranges.

>Andy

3944. T.A.R.G.E.T. Newark, NJ

Newsgroup: rec.radio.scanner
Date: 1994-10-17 00:23:35 UTC
From: ceravolo@pegasus.montclair.edu
Message-ID: <ceravolo.782353415@pegasus.montclair.edu>
Source record: 267168

Looking for info on the 'elite' group who's handled stolen car chases in Newark the past two years. There doesn't seem to be any freqs in books for them.

Thanks,
Jim C.

3945. Bad Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-10-17 00:37:21 UTC
From: ad225@detroit.freenet.org
Message-ID: <37sh01$ct3@detroit.freenet.org>
Source record: 267166

This discussion has been going on under so many different
headers that I thought I'd try a new one that maybe we can all
hold to.

I don't think voting folks out of office because we don't agree
with one position they take is very effective. Let's say I
like my congress member's voting record on every other issue
except his/her scanner legislation vote. Should I campaign
against him? I think not.

I suggest that the best thing to do is to contact our
representatives in Washington and express our concerns about
any future legislation that might hinder our hobby.

The kind of finger pointing at one party or another and name
calling that we've seen on this thread is, if you stop
and think about it, counterproductive, don't you think?

Gary Baumgarten
Reporter and scanner "freq"
Detroit
--
Gary Baumgarten
ad225@detroit.freenet.org

3946. Re: WTB: Re: Off Topic Postings

Newsgroup: rec.radio.scanner
Date: 1994-10-17 02:06:01 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <CxsoI1.EqE@freenet.carleton.ca>
Source record: 266982

In a previous article, jeffrey@kahuna.tmc.edu (Jeffrey Herman) says:

>billn@hpcvaac.cv.hp.com (bill nelson) writes: (blah, blah blah)
>
>>orion1@iastate.edu (Alex Orion Leu) writes: (blah, blah, blah)
>
>>This whole paragraph is silly.
>
>What's even more silly is the fact that you're cross posting this to
>rec.radio.swap. Stop it!
>
OK, I feel this has gone far enough. If ANYONE wants to talk about
how laser works, or how it doesn't work. Or how motorcycle cops hold on
to their radar when they're on their bikes, or how jammers, detectors,
detector-detectors, or jammer-detectors work, then POST THEM TO THE PROPER
NEWSGROUP!!!!!! In case you forgot to check when you entered this
newsgroup, it it REC.RADIO.SCANNER, which means that all postings should
have some basic connection to scanners. Please stop wasting our time with
these major off-topic postings.
Thank You.

(flame shields up)

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

3947. WTB: RS Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-10-17 04:00:07 UTC
From: pmb@netcom.com
Message-ID: <pmbCxsts8.Gv0@netcom.com>
Source record: 267173

```
--
Phil Burton pmb@netcom.com
Palo Alto, CA
```

3948. Re: Radio Politics

Newsgroup: rec.radio.scanner
Date: 1994-10-17 04:05:51 UTC
From: cremer@delphi.com
Message-ID: <9410170004591.DLITE.cremer@delphi.com>
Source record: 267172

>Fine, but who are you going to vote for? If you vote either Democrat
>or Republican, you are simply voting to continue with the status quo.
>Maybe we should all consider voting for the Libertarian candidates.
>However, I doubt if there are enough of us to make much of a difference.
>The next best thing would be to vote all the incumbents out of office.
>
>Bill

Even voting the incumbants out has problems. Doing so this November will make Ollie North the Senator from West Virginia. How do you guess Ollie feels about the public monitoring government activities?

I don't know what the answer is, but I reckon its a bit more complicated then "Throw the bums out!"

3949. Please update us on the AR8000

Newsgroup: rec.radio.scanner
Date: 1994-10-17 06:22:02 UTC
From: rotnapple@aol.com
Message-ID: <37t56a$1ej@newsbf01.news.aol.com>
Source record: 267174

Hello-

Anybody with info, would you please update us on the AR8000.

I've heard of some early bugs that have already been fixed, have anymore popped up ?

Also, is the unit living up to all its features and specs?

Greg

3950. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-17 06:54:25 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct17.065425.13967@hpcvaac.cv.hp.com>
Source record: 267085

jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:
: billn@hpcvaac.cv.hp.com (bill nelson) writes:
:
: >: signature that sets many K or X radar detectors off. Second, it gives a
: >: much stronger signal as compared to K or X. With old radar it is very tough
: >: to get small vehicles on radar, unless they go very fast.
:
: >This whole paragraph is silly.
:
: What's even more silly is the fact that you're cross posting this to
: rec.radio.swap. Stop it!

And several others, it appears. I failed to check the newsgroup line.
I wonder who originated the cross-post, it certainly was not I.

Bill

3951. Re: RS Pro-39 Modification Procedure Needed

Newsgroup: rec.radio.scanner
Date: 1994-10-17 06:55:15 UTC
From: beldar@eskimo.com
Message-ID: <Cxt1q3.5Jp@eskimo.com>
Source record: 266999

In article <jm39s70.ad8a@sycom.mi.org>,
Jim Mallory <jm39s70@sycom.mi.org> wrote:
>
>Can someone please post the procedure to Mod the Realistic Pro-39 to
receive
>cellular. Thanks.
>
>
>
>--
>Jim Mallory
>Alternate Internet E-Mail Address 75230.3720@compuserve.com
>

I just did. Go to article #14540.
-Dan

3952. Re: Radio Politics

Newsgroup: rec.radio.scanner
Date: 1994-10-17 06:56:25 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct17.065625.14059@hpcvaac.cv.hp.com>
Source record: 267086

cremer@delphi.com (charlie cremer) writes:
: >Fine, but who are you going to vote for? If you vote either Democrat
: >or Republican, you are simply voting to continue with the status quo.
: >Maybe we should all consider voting for the Libertarian candidates.
: >However, I doubt if there are enough of us to make much of a difference.
: >The next best thing would be to vote all the incumbents out of office.
: >
: >Bill
:
: Even voting the incumbants out has problems. Doing so this November will
: make Ollie North the Senator from West Virginia. How do you guess Ollie
: feels about the public monitoring government activities?
:
: I don't know what the answer is, but I reckon its a bit more complicated
: then "Throw the bums out!"

Yep. The replacement can be worse than the current lackey. That is one of
the problems with the two party system - no real choice.

Bill

3953. Freqs wanted:Border area, Washington State

Newsgroup: rec.radio.scanner
Date: 1994-10-17 07:39:08 UTC
From: franklin@freenet.vancouver.bc.ca
Message-ID: <37t9ms$jiv@freenet.vancouver.bc.ca>
Source record: 266981

I am interested in monitoring US public service agencies located in the Blaine area near the Canada-US border. I have found freq lists to be highly inaccurate and vague re this region. For eg. the BC Freq List is very vague and inaccurate w.r.t. its Blaine listings. Radio Shock in the US has a lousy list for this area.
I live in Vancouver, BC and listen to
agencies "down south." I am especially interested in finding out how the ambulance service and paramedic service operates and what their freqs are. Also does the US Border Patrol have freqs other than 163.625?
So if you have any knowledge on this subject, I'd be interested in hearing from you.
73
Greg VE7FXG

3954. Pinellas Florida Freqs Needed

Newsgroup: rec.radio.scanner
Date: 1994-10-17 10:34:03 UTC
From: stevez97@aol.com
Message-ID: <37tjur$49f@newsbf01.news.aol.com>
Source record: 267087

I'll be down in Pinellas next month and could use any interesting frequencies, especially EMS and Sheriff. Have been trying to obtain the freqs of Sunstar Ambulance and Bayflight without luck, so would appreciate any help with these also!

Thanks for any assistance that may be rendered!

3955. HRPT Weather Pictures

Newsgroup: rec.radio.scanner
Date: 1994-10-17 11:59:03 UTC
From: t9456079@minyos.xx.rmit.EDU.AU
Message-ID: <37tou7$lg4@aggedor.rmit.EDU.AU>
Source record: 266983

Is there anyone on this net that has been involved in reception of
HRPT pictures from the NOAA satellites (weather)?.
After some technical advice.

3956. Re: The one-issue election...

Newsgroup: rec.radio.scanner
Date: 1994-10-17 12:38:10 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.146.000CA342@cornell.edu>
Source record: 266611
Cross-posted to: alt.radio.scanner,rec.radio.scanner

>I WILL VOTE FOR NO INCUMBENT IN WASHINGTON, I SUGGEST YOU ADOPT THE SAME
>POLICY>

>--
>Richard Crisp Cupertino, Ca. crisp@netcom.com
>(415) 903-3832 wk (408) 253 4541 fax
> For PGP Public Key, type finger crisp@netcom.com
>"It is a good thing that we do not get as much government as we pay for"
> -Will Rogers
Right on Rich, RE-ELECT NO ONE!
Carl;
Carl (ex-jarhead) Semper Fi
"To those who fought for it, freedom has a flavor
the protected will never know"
unknown Marine; Khe Sahn, Viet Nam

3957. Re: Hams and Scanners in the Car

Newsgroup: rec.radio.scanner
Date: 1994-10-17 12:53:06 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.147.000CE2F8@cornell.edu>
Source record: 266685

>I am Mr. Naive but does this mean in New York that Radio Shack
>can't sell scanners like the PRO-2027 I just bought?

>And if I moved there would I be in violation of the law
>by owning one?

>And how do they enforce this? Call Janet and the BATF in?

Owning the scanner isn't illeagle (yet), just using it in your motor vehicle
in PRNY (peoples republic of New York). It is the local city cop, sheriff
or trooper who may inforce this law, as it is a Motor Vehicle & Traffic
infraction. As long as you are out of your car you are (read may) be OK. For
tomorrow who knows.
Carl
Carl (ex-jarhead) Semper Fi
"To those who fought for it, freedom has a flavor
the protected will never know"
unknown Marine; Khe Sahn, Viet Nam

3958. Re: Please update us on the AR8000

Newsgroup: rec.radio.scanner
Date: 1994-10-17 13:10:59 UTC
From: schuster@panix.com
Message-ID: <37tt53$d1g@panix3.panix.com>
Source record: 267094

In article <37t56a$1ej@newsbf01.news.aol.com>,
RotnApple <rotnapple@aol.com> wrote:
>Hello-
>
>Anybody with info, would you please update us on the AR8000.

There really is nothing to update ... what do you want to know that hasn't
been posted ad nauseum here already?

>I've heard of some early bugs that have already been fixed, have anymore
>popped up ?

No. Some minor discrepancies in squelch threshholds on some units ...
nothing to get excited about. Some image problems on HF. Also
non-critical.

>Also, is the unit living up to all its features and specs?

So far, yes.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3959. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-17 13:37:56 UTC
From: zlau@arrl.org
Message-ID: <1994Oct17.133756.19241@arrl.org>
Source record: 266984
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

bill nelson (billn@hpcvaac.cv.hp.com) wrote:
: jnormandin@umassd.edu (JERRY NORMANDIN) writes:
: :
: : ALSO I thought the radar used in metropolitan areas were at least 25 WATT.

: No way. They are under 1 watt - with a horn antenna that amplifies the
: signal (by making it much more directive) by about 100 times. I seem to
: recall that they were around 100 mw - which would mean the effective
: radiated power would be about 10 watts - at the mouth of the horn.

This isn't right. The mouth of the horn is too close for the
gain to fully develop--you are still in the near field region.
Otherwise, you could run into the paradox of two horn antennas
being close together, and getting more energy out of the
antennas than you put in.

One of the curious things about really big dishes is that you
can reduce the field strength away from the dish by making it
bigger! Imagine a huge dish 1 mile across, perfectly built.
You will get a tremendous amount of gain at X band, but you
have to go so far away to see it that the field strenth isn't
really that strong. Not surprisingly, you can stand anywhere on
the surface of the dish and the field will be pretty weak.

Where is the most dangerous spot on the big dish?

At the feed--but the feed is really a little antenna without
much gain. Thus, you should really worry about stuff like
open waveguide and tiny antennas more than big horns or dishes
at microwaves.
--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

3960. Wanted: NYC freqs with P.L.

Newsgroup: rec.radio.scanner
Date: 1994-10-17 13:54:48 UTC
From: gdzimmer@stud.med.cornell.edu
Message-ID: <37tvn8$llt@guru.med.cornell.edu>
Source record: 267090

Does anyone have a relatively complete list of frequencies for New York City. I really need a list with PL (CTCSS, or whatever you want to call them) as well. Fire/EMS/Police, etc. Thanks!

--
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(o o)
+-=-=-=-=-=--------------------oOOo-(_)-oOOo----------------------=-=-=-=-=-+
| Gary D. Zimmer '97 Cornell University Medical College |
| Phone: (212) 737-6683 Pager: (800) 666-7243 #888-7067 |
| Email: gdzimmer@stud.med.cornell.edu |
+-=-=-=-=-=---=-=-=-=-=-+
() ()

3961. Re: AOR Scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-17 13:56:05 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.509.000DEFBD@ccm.hf.intel.com>
Source record: 267110

In article <CxqJnx.Gq1@iat.holonet.net> bcorson@iat.holonet.net (Berton M Corson) writes:

>I have a question on AOR scanners, although I have no plans on buying
>one.
>I see the AR3000A ($1099) and the AR2800 ($459) listed in Tucker
>Electronics (800-527-4642) Summer catalog. I don't know if they're
>still available, but are AOR scanners any good?
>The AR3000A is a desktop model, and has coverage from .1 to 2036 mhz
>(continuous). The thing just weighs 1.2 kg. You would think for
>$1099 they would make it out of something more substantial, like a
>shielded-metal case, not light-weight plastic. The AR2800 covers
>.5 to 1300 mhz. Are these scanners deaf on the shortwave bands?
>I also see a handheld AR1000XLT for $419. Any experiences with this?
>Thanks

The AOR 3000 and the AOR 8000 are the only AOR scanners that are worth buying.
The 3000 should be in a metal case, but for some reason they chose plasitc.
The plastic case does not seem to cause any problems though. My 3000A is more
solid than my R7000 when it comes to intermod, images, interference, noise,
etc. (the 8000 is a new Handheld that will soon be sold here in the USA).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3962. Re: Superior coaxial line?

Newsgroup: rec.radio.scanner
Date: 1994-10-17 14:04:51 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.140.000814EF@chevron.com>
Source record: 267096

In article <1994Oct16.064259.21824@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:

>cgwh@chevron.com (Curtis Wheeler) writes:
>:
>: not in the same way. We worry about impedance matching our feed on a
>: transmitter because we don't want reflected power damaging the radios. And
>: because we want as much of our transmitter power to make it to the antenna.

>Reflected power cannot damage the transmitter. Work it out on a Smith
>Chart, if you don't believe me. The power does not get back into the
>finals. The only power loss is resistive losses in the coax.

>However, the reflected power causes the final efficiency to be lower, which
>means that the final amp runs hotter, which can cause it to fail.

The end result being a damaged radio - proximate cause: reflected power!
But I guess when you get down to the nitty gritty you are correct.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

3963. Re: Please update us on the AR8000

Newsgroup: rec.radio.scanner
Date: 1994-10-17 14:13:26 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.510.000E39BE@ccm.hf.intel.com>
Source record: 267111

In article <37tt53$d1g@panix3.panix.com> schuster@panix.com (Michael Schuster) writes:

>In article <37t56a$1ej@newsbf01.news.aol.com>,
>RotnApple <rotnapple@aol.com> wrote:
>>Hello-
>>
>>Anybody with info, would you please update us on the AR8000.

>There really is nothing to update ... what do you want to know that hasn't
>been posted ad nauseum here already?

>>I've heard of some early bugs that have already been fixed, have anymore
>>popped up ?

>No. Some minor discrepancies in squelch threshholds on some units ...
>nothing to get excited about. Some image problems on HF. Also
>non-critical.

>>Also, is the unit living up to all its features and specs?

>So far, yes.

He may be referring to the power-on problem that was fixed by adding a diode.
This fix has been added to current production units.

There was also a bug in the Audio Scan feature that AOR said they would be
fixing (this may be the squelch threshold problem you referred to).

So far, the units are not available in the US yet. Past due...

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3964. Re: Icom IC-R1

Newsgroup: rec.radio.scanner
Date: 1994-10-17 14:22:39 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.513.000E610F@ccm.hf.intel.com>
Source record: 267112

In article <37u32vINN9ss@life.ai.mit.edu> nemo@gnu.ai.mit.edu (Paolo Bevilacqua) writes:

>I'm suprised to not have seen any reference to the Icom IC-R1
>among the "Most Wanted Scanners" reports here. Actually, i own
>one of these handheld wideband receivers and I'm quite satified.
>(I don't work for Icom anyway ;). So i summarize here some specs,
>hoping to be useful for a choice.
>
>Coverage: 100 kHz ~ 1300 MHz continuos.
>Tuning step: 0.5, 5, 8, 9, 10, 12.5, 25, 30 or 50 kHz
>Memory chans: 100
>Modes: AM & FM Triple-conversion; WFM Double.
>Size: 49 x 102.5 x 37 mm (19 x 4 x 1.2 in)
>Weight: 280 g (9.9 oz)
>
>.. Skipping sensitivity & other EE's things .. (mail if curious)
>
>It has six scanning modes, including auto-write, freq. skip.

Many people really like this little radio because of its size/features ratio,
but the majority of people find it very frustrating because of its poor RF
performance.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

3965. QMAIL4 CONTROL MESSAGE

Newsgroup: rec.radio.scanner
Date: 1994-10-17 14:25:00 UTC
From: john.beard@travel.com
Message-ID: <1d.7203.930@travel.com>
Source record: 266501

QMAIL4 CONTROL MESSAGE=DROP CONF:(930) REC.RADIO.SCA

 CMPQwk #1.4 UNREGISTERED EVALUATION COPY

---

* ST. LOUIS ONLINE: 81,000 files; 2,600 conferences, 110 game doors.

3966. Icom IC-R1

Newsgroup: rec.radio.scanner
Date: 1994-10-17 14:52:15 UTC
From: nemo@gnu.ai.mit.edu
Message-ID: <37u32vINN9ss@life.ai.mit.edu>
Source record: 267093

I'm suprised to not have seen any reference to the Icom IC-R1
among the "Most Wanted Scanners" reports here. Actually, i own
one of these handheld wideband receivers and I'm quite satified.
(I don't work for Icom anyway ;). So i summarize here some specs,
hoping to be useful for a choice.

Coverage: 100 kHz ~ 1300 MHz continuos.
Tuning step: 0.5, 5, 8, 9, 10, 12.5, 25, 30 or 50 kHz
Memory chans: 100
Modes: AM & FM Triple-conversion; WFM Double.
Size: 49 x 102.5 x 37 mm (19 x 4 x 1.2 in)
Weight: 280 g (9.9 oz)

.. Skipping sensitivity & other EE's things .. (mail if curious)

It has six scanning modes, including auto-write, freq. skip.
channel priority, 10 scan limits and other nicenesses.
Separated speaker & line out. Internal 300 mAh batteries but
it is possible to add ICOM external battery cases.
I found it "used-few-hours" and payed about 400$.
If not sold in USA, should be easy to buy in other countries.

These are the frequencies restrictions from user manual.
USA, Australia, Asia: no restriction. (may be an OLD printing ?)
Germany: only ham bands. (...)
France: everyting EXCEPT 87.5 ~ 108 MHz. (O-la-la !)

Another international note: In Italy (where i live) an SWL license
is required to listen only to ham bands from your home.
It costs 20$ and looks nice hanging on the wall.

Easy listening!

-=-=-=

3967. Strange reception experience?

Newsgroup: rec.radio.scanner
Date: 1994-10-17 14:58:21 UTC
From: ddavis13@itc109.ccd.ford.com
Message-ID: <37u3ed$mjs@eccdb1.pms.ford.com>
Source record: 266980

Last night I was listening to the Detroit, MI Police on my Pro 51 scanner when I began receiving the Buffalo, NY Police Department on 453.4250 (in Detroit is a seldom used detective band). This seems quite strange to me - Buffalo is quite a distance away! My radio is not modified (except via the keypad) and the antenna is the RS telescoping mast (with the coil) - replacement for the rubber ducky. Oddly, reception was better if I held the radio/antenna horizonally.

What did I experience and how can I replicate it?

Thanks!

3968. Re: 800 trunking tone (ssqueal) HELP!

Newsgroup: rec.radio.scanner
Date: 1994-10-17 15:28:50 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1994Oct17.152850.27997@news.csuohio.edu>
Source record: 267102

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
: In article <RW0Whvp.fta@delphi.com> Fred T. Allen <fta@delphi.com> writes:
:
: >I have a 2006 and the local P.D. is on 800 trunking. Is there a device or
: >mod that will eliminate the tones after transmissions?
:
: There is a company that sells a mod kit to kill the tones put out by GE
: trunked systems. Their ad in MT says: Send SASE to LesComm, P.O.Box 81294,
: Corpus Christi, TX 78468-1294

And I might add that GE put those tones there on purpose to foil
scanner listeners from following trunked transmissions. It's
a pretty cruel trick on us scanner enthusiasts. I heard the
tones are the "GE, we bring good things to life" jingle.
Glad someone sells a workaround.

Mike
--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

3969. Re: Strange reception experience?

Newsgroup: rec.radio.scanner
Date: 1994-10-17 15:32:30 UTC
From: mgarrett@prairienet.org
Message-ID: <37u5ee$p2b@vixen.cso.uiuc.edu>
Source record: 266997

In a previous article, ddavis13@itc109.ccd.ford.com (Dan Davis) says:

>Last night I was listening to the Detroit, MI Police on my Pro 51 scanner when I
>began receiving the Buffalo, NY Police Department on 453.4250 (in Detroit is a seldom used
detective band). This seems quite strange to me - Buffalo is quite a distance away! My
radio is not modified (except via the keypad) and the antenna is the RS te
l
>escoping mast (with the coil) - replacement for the rubber ducky. Oddly, reception was
better if I held the radio/antenna horizonally.
>
>What did I experience and how can I replicate it?
>
>Thanks!
>
What you experienced is a tempeture inversion that trapped the signals from
Buffalo and allowed them to follow the curvature of the earth to the Detroit
area. This is a common occurence especially over the Great Lakes region
when signalsppass over the warmer waters of the lake versus the cooler air.
Unfortunatly you cannot make it occur again since it takes several factors
of weather to make it happen.
You might also try and scan some of the ham frequencys and see how hams
react to other hams from 3 states away check into the local repeater system.
--
Mark Garrett mgarrett@firefly.prairienet.org
KA9SZX @ N9LNQ.#ECIL.IL.USA.NA

3970. Re: clear the congress, Re: Off-topic postings

Newsgroup: rec.radio.scanner
Date: 1994-10-17 15:34:15 UTC
From: gdallal@world.std.com
Message-ID: <Cxtpx4.Cy2@world.std.com>
Source record: 266985
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

> From: [Person 1]
> [Person 2] wrote:
> : [Person 3] writes:
>
[snip]
> : What a load. The bill that [Person 3] finds offensive (and no, I don't
> : like it myself either) was sponsored by Democrats to forestall
> : something custom-written by the FBI getting introduced by an
> : FBI-friendly congresscritter and gaining approval. Read the EFF
> : briefs on this bill that were posted a month or so ago.
>
> : The Republicans didn't sponsor the bill that [Person 3] finds
> : offensive, not because they thought it was too intrusive, but BECAUSE
> : THEY APPARENTLY DIDN'T SEE ANYTHING WRONG WITH AN EVEN MORE INTRUSIVE
> : FBI-DESIGNED BILL GETTING APPROVED LATER!
>
> What a load! The congress should vote for something BAD, merely because
> if they don't... something WORSE might come up for a vote! Are they
> sucking jelly fish... or do they have some backbone and integrity?

Thanks for a perfect illustration of my point. Three
intelligent people who seem *UNITED* in their stand against
restrictions on monitoring radio freqencies. However, are
they united in their fight against restrictions? No. They
are arguing about what might be the underlying force behind
the restrictions. Score 1 for the Powers of Darkness.

3971. Re: Please update us on the AR8000

Newsgroup: rec.radio.scanner
Date: 1994-10-17 16:52:58 UTC
From: lgenco@crl.com
Message-ID: <TffekWpGkjdV072yn@crl.com>
Source record: 266990

In article <37tt53$d1g@panix3.panix.com>,
schuster@panix.com (Michael Schuster) wrote:
> In article <37t56a$1ej@newsbf01.news.aol.com>,
> RotnApple <rotnapple@aol.com> wrote:
> >
> >Anybody with info, would you please update us on the AR8000.
>
> There really is nothing to update ... what do you want to know that hasn't
> been posted ad nauseum here already?

What/when is the availability of the RS-232 interface and software?

Lou

Internet: lgenco@crl.com AmprNet: n5sgl@sat.n5lyt.ampr.org

3972. Re: *** Pro-39 For SALE!! ***

Newsgroup: rec.radio.scanner
Date: 1994-10-17 17:22:42 UTC
From: horak@convex.com
Message-ID: <37ubt2$i72@eugene.convex.com>
Source record: 267100

In <1994Oct15.192203.75009@kuhub.cc.ukans.edu> Dave Campbell <pdcatku@kuhub.cc.ukans.edu> writes:

> I have a Pro-39, great shape, cellular modified, ready to roll including
>the AC power adaptor/charger. Looking to at least break even on the deal
>so we'll start the offers at $250. Keep in mind this _IS CELLULAR
>READY!!_ I'll take the highest bid, but will consider at any serious
>offers.

What do you mean by *break even*. Do you want what you paid for it?
Try a *starting* price around $200. A new unit went for $299 last
year before it was discontinued. Sale prices on similar *new* models
are usually $199. A used price of $250 is high, even with a charger.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

3973. Re: Pro 43- 400 Channels.

Newsgroup: rec.radio.scanner
Date: 1994-10-17 18:22:29 UTC
From: brueger@infi.net
Message-ID: <brueger.187.001E037E@infi.net>
Source record: 266991

In article <1994Oct17.135233.75160@kuhub.cc.ukans.edu> bbb@kuhub.cc.ukans.edu (LORD BB) writes:
>From: bbb@kuhub.cc.ukans.edu (LORD BB)
>Subject: Re: Pro 43- 400 Channels.
>Date: 17 Oct 94 13:52:33 CDT

>As for Digi-Key:
>They have never had a min order. They do however place
>a $5.00 handling fee on orders under $25.00 in addition to
>shippping charges.

>BB

BB,

I would like to see your 400 channel mod again.

Thanks

Brian

3974. Re: Digital info & Soundblaster

Newsgroup: rec.radio.scanner
Date: 1994-10-17 18:42:32 UTC
From: shima@eel.ufl.edu
Message-ID: <37ugio$lee@huron.eel.ufl.edu>
Source record: 267104

> What about the
> same thing for digital data that is criss-crossing the sky and waves?

Yes, digital demodulation is on the current state-of-the-art
horizon. Any digital data can be piped into a computer and decoded
using digital signal processing (DSP) techniques. Thus, any RF wave
can be demodulated and "broken out" via software.

The next generation receiver is a digital radio, which I have worked
on. This radio is purely digital, no analog mixers, etc.
Getting another demodulator or customizing the radio is as
simple as changing the firmware. Going digital gives more
flexability and better performance in some cases.

-Jim

3975. Re: Pro 43- 400 Channels.

Newsgroup: rec.radio.scanner
Date: 1994-10-17 18:52:33 UTC
From: bbb@kuhub.cc.ukans.edu
Message-ID: <1994Oct17.135233.75160@kuhub.cc.ukans.edu>
Source record: 266998

In article <brett_miller.507.00112CED@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
> In article <37m3ec$23g@lucy.infi.net> kturner@infi.net (Keith Turner) writes:
>
>>chips.. AK93C67F's (exact replacement) can be had from Tandy for about $35 a
>>peice.. Or you can use a diff chip from Digikey (not positive on number) for
>>$3-4.. a little cross wiring is involved.. These are surface mount chips, so
>
> Last I heard, DigiKey has a minmum order of like $50!!
>
>
>
> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
> Intel Corp.
> American Fork, UT DoD#1461

How do these rumors spread like this??

First off, unless there has been a INCREDIBLE price increase since
April of this year, the 93C67 are $13.00 each, they might even be
less by now. Thats what they cost me then. It is true that you
can use the 93C66 (as I recall but don't quote me). It is also true
that you have to 'cross-wire' them to make them work. But they
are only 2 and a fraction dollars apeice.

When I designed the 400 channel mod, presented here a couple of times
and published this last spring in World Scanner Report,
I felt that trying to cross wire the cheap chip wasn't worth the
effort given how 'tight-for-space' the insides of the Pro-43 are.
Besides the 93C67 was a sure thing. I have never had any feed-back
from anyone else who has performed my mod, so for all I know my
Pro-43 is the only one in the world with 400 channels and a fade-away
lamp. Its still thriving for what its worth.

From some of the other post on this thread, its almost like my
re-post of the 400 channel mod a few weeks ago didn't
get to very many places. If there is demand, I'll post it again.

As for Digi-Key:
They have never had a min order. They do however place
a $5.00 handling fee on orders under $25.00 in addition to
shippping charges.

BB

3976. Re: Strange reception experience?

Newsgroup: rec.radio.scanner
Date: 1994-10-17 19:01:18 UTC
From: jqtaylor@boi.hp.com
Message-ID: <CxtzI7.J3z@boi.hp.com>
Source record: 266989

Dan Davis (ddavis13@itc109.ccd.ford.com) wrote:
: Last night I was listening to the Detroit, MI Police
: on my Pro 51 scanner when I
: began receiving the Buffalo, NY Police Department on 453.4250
: ...
: What did I experience and how can I replicate it?
^^^^^^^^^^^^^^^^^^^^^^
Well, you could shuffle off to Buffalo...

Consider the advantages: Great Pizza, Chicken Wings, and Beef on 'Weck;
could a man ask for more? And bring a snow shovel!

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MDT = GMT - 6) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 230 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

haiti, rwanda, cuba, bosnia, ... we have a list,
where is our schindler?

3977. Re: Please update us on the AR8000

Newsgroup: rec.radio.scanner
Date: 1994-10-17 19:23:08 UTC
From: schuster@panix.com
Message-ID: <37uius$qqv@panix3.panix.com>
Source record: 266988

In article <TffekWpGkjdV072yn@crl.com>, Lou Genco <lgenco@crl.com> wrote:
>In article <37tt53$d1g@panix3.panix.com>,
>schuster@panix.com (Michael Schuster) wrote:
>> In article <37t56a$1ej@newsbf01.news.aol.com>,
>> RotnApple <rotnapple@aol.com> wrote:
>> >
>> >Anybody with info, would you please update us on the AR8000.
>>
>> There really is nothing to update ... what do you want to know that hasn't
>> been posted ad nauseum here already?
>
>
>What/when is the availability of the RS-232 interface and software?

What do you mean by "Available"?

Because you can do nasty things with it, the RS232 interface may never be
sold in the US.

The RS-232 interface has been manufactured and shipped to distributors.
Javiation sells them to 80 pounds sterling. To date I know of no widely
distributed software for it,

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3978. ftp sites ???

Newsgroup: rec.radio.scanner
Date: 1994-10-17 20:39:29 UTC
From: lostisle@crl.com
Message-ID: <37une1$91m@crl.crl.com>
Source record: 267109

hello fello scanners,
Does anyone know of any anonymous ftp sites which I can
connect too. ??? Also is there a newsgroup for the scanner group where
people can relate their scanner experiances..I like to read these experiances
some of the stories are quite interresting.

thanx for your help,
-Vic.....

3979. Re: Strange reception experience?

Newsgroup: rec.radio.scanner
Date: 1994-10-17 20:50:26 UTC
From: gbelton@rs6.tcs.tulane.edu
Message-ID: <37uo2i$ce@news.cs.tulane.edu>
Source record: 267115

Dan Davis (ddavis13@itc109.ccd.ford.com) wrote:

: began receiving the Buffalo, NY Police Department on 453.4250 (in Detroit
: is a seldom used detective band). This seems quite strange to me - Buffalo
: is quite a distance away! My radio is not modified (except via the keypad

: What did I experience and how can I replicate it?

Tropospheric ducting; during certain weather conditions, a "duct" is formed
in the atmosphere which guides VHF or UHF radio waves over the horizon.

You can't do anything to replicate it. All you can do is be there when
it happens.

--

"What a strange person. I don't speak
Is there anyone else up there we can talk to?" for Tulane.

3980. WANTED: cheap scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-17 21:01:49 UTC
From: Alex@amiganet.demon.co.uk
Message-ID: <782427709snz@amiganet.demon.co.uk>
Source record: 267116

WANTED: A cheap radio scanner. The type that can pick-up mobile phones and fun stuff like that. Preferably hand-held.

Thankyou.

--
Alex Wilkins
MegaMolecular Research

3981. Re: Bad Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-10-17 21:11:35 UTC
From: henniger@cisco.com
Message-ID: <henniger.782428295@cisco.com>
Source record: 267114

In <37sh01$ct3@detroit.freenet.org> ad225@detroit.freenet.org (Gary Baumgarten) writes:

[...]
>I don't think voting folks out of office because we don't agree
>with one position they take is very effective. Let's say I
>like my congress member's voting record on every other issue
>except his/her scanner legislation vote. Should I campaign
>against him? I think not.

If a US senator wants to keep his job - he will.
The only time a US senator does not get to keep his job is if he makes so
many enemies in Washington, those in power there decide to throw him out.

(e.g. tax evasion, misappropriation, indecent personal behavior, etc,
or any of the other things they either did or didn't happen, but everyone
believes. They either resign or the manipulated public vote them out.)

The only other way is for the senator to decide to not run for reelection.

Remember when the populace was going to "throw the bums out"?
Only two incumbents who wanted the jobs failed to keep their jobs.
This is the reason they act the way they do. If you had guaranteed job
security, wouldn't you play the system as well?

I think that the system should be changed.
I agree entirely with Mr. Crisp on this issue.

>I suggest that the best thing to do is to contact our
>representatives in Washington and express our concerns about
>any future legislation that might hinder our hobby.

They don't even listen unless you have paid for their ear.
Again, the system needs to be changed. The guarantee needs to be challenged.

Mick
(ac6eu)

[...]

>Gary Baumgarten
>Reporter and scanner "freq"
>Detroit

3982. Need help decoding transmission

Newsgroup: rec.radio.scanner
Date: 1994-10-17 21:26:54 UTC
From: hoey_s@kosmos.wcc.govt.nz
Message-ID: <37umqs$iv4@golem.wcc.govt.nz>
Source record: 267105

Hi. I have been monitoring some sort of pager/packet transmission which I'd like to try to decode. I am a reasonably good programmer but I suck at radio theory, so a little help would be appreciated.

What I have done is record the transmission using my sound card on my PC. So now I have a bunch of samples which represent the transmission. So far so good. I can display the samples (get pretty wave displays - fine). Can anyone give me some direction on how to decode this? All I really need to know is how a binary 0 or 1 is normally represented in a radio transmission. The rest I can do myself.

If you want to help, feel free to answer offline, or direct me to a good book.

3983. Re: Strange reception experience?

Newsgroup: rec.radio.scanner
Date: 1994-10-17 21:49:41 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.141.000FD477@chevron.com>
Source record: 267008

In article <37u3ed$mjs@eccdb1.pms.ford.com> ddavis13@itc109.ccd.ford.com (Dan Davis) writes:

>Last night I was listening to the Detroit, MI Police on my Pro 51 scanner when I >began receiving the Buffalo, NY Police Department on 453.4250 (in Detroit is a seldom used detective band).
> This seems quite strange to me - Buffalo is quite a distance away! My >radio is not modified (except via the keypad) and the antenna is the RS >telescoping mast (with the coil) - replacement for the rubber ducky. Oddly, >reception was better if I held the radio/antenna horizonally.

>What did I experience and how can I replicate it?

>Thanks!

Sounds like case of troposheric ducting. An condition that creates a sort of "atmospheric waveguide" that carries VHF/UHF well beyond line of site - like Buffalo to Detroit, L.A. to Honolulu, wherever.

Mother nature did it and she is probably the only one that can replicate it for your purposes. It has to do with temperature inversions, moisture and maybe interest rates, etc. There actually isn't anything that I know of one can do to replicate a duct. I understand they can be predicted - I suppose if you want to dedicate yourself to such studies.

Skywaves (skip) and ducted signals don't always maintain their original polarity when they take this type of topsy-turvy journy which MAY explain the better reception when your antenna was horizontal. In addition horizontal polarization tends to reduce natural and unnatural noise.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

3984. Re: ICOM R-1

Newsgroup: rec.radio.scanner
Date: 1994-10-17 23:01:04 UTC
From: wwhitby@aol.com
Message-ID: <37uvng$246@newsbf01.news.aol.com>
Source record: 267009

BTW, does anyone know how the sales of ICOM VHF/UHF receivers have been since they gutted the entire 800 mHz band?

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

3985. Re: Short PRO-43 Battery life?

Newsgroup: rec.radio.scanner
Date: 1994-10-17 23:21:33 UTC
From: norman@cs.toronto.edu
Message-ID: <1994Oct17.192132.2963@jarvis.cs.toronto.edu>
Source record: 267113

Here's a battery-life anecdote that some may find useful:

I travel by train a lot, and usually carry my Pro 43 along to keep track
of what's going on. A round trip from (say) Toronto to San Francisco
can easily involve 90 hours of listening, even if I don't use the scanner
at my destination (and I do, of course). If I used alkalines, that would
be a lot of batteries, at a lot of cost, inconvenience, and embarrassing
waste; hence I use rechargeables.

For most of such a trip, I am travelling in a sleeping car, where there's
a handy outlet into which I can plug my charger. I don't spend all my
time in the sleeper (it's a train, not an airplane or a bus: you can
get up and walk around), but I've developed the habit of keeping the
radio plugged into the charger whenever I'm there, and of course overnight.
This works fine; I've never had the batteries run out when travelling in
a sleeper.

But occasionally I have to take a long trip on a coach-only train, and
though most passenger coaches have an outlet somewhere, it's usually hard
to find and inconvenient to use (especially with something as big as a
typical wall-wart power supply). I usually get about eight hours of life
out of my rechargeables when I've charged them fully, but all-day coach
rides of 12 hours or so are not unusual (in fact they are almost inevitable
when connecting to the Amtrak system from Toronto). To deal with this,
I carry around a spare battery cartridge full of ordinary alkaline batteries.
When the rechargeables poop out, I swap to the alkalines; the next time I can
plug the charger in, I swap back. Because the alkalines are already installed
in a case, it takes only a few seconds to do the swap.

I am quite happy with this system; I've been using the same set of alkalines
for almost a year and a half (about 28000 miles) without grief. The
rechargeables do most of the work, of course.

I've thought about using a second set of rechargeables instead of alkalines,
but it hardly seems worth it if the alkalines last for several years.

Norman Wilson
University of Toronto
norman@utirc.utoronto.ca

3986. Re: philadelphia scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-17 23:33:49 UTC
From: philscott@delphi.com
Message-ID: <ZS5VqEV.philscott@delphi.com>
Source record: 266992

David S Aidekman <aidekman@mail1.sas.upenn.edu> writes:

>I'm in Philadelphia and I'm wondering if there's anything interested or
>different that anyones found to listen to here.

Try punching up the following:
460.475
453.4
155.385
154.235
153.95
154.145
453-454 PHL PD

Let me know if u need more
Internet: pscott@wellfleet.com

3987. Re: Digital info & Soundblaster

Newsgroup: rec.radio.scanner
Date: 1994-10-17 23:34:12 UTC
From: tom_boza@ccm.hf.intel.com
Message-ID: <37v1lk$l2u@chnews.intel.com>
Source record: 267006

Will a pure digital transceiver still communiate with an older analog transceiver?

Tom WB7ASR...

In article <37ugio$lee@huron.eel.ufl.edu>, shima@eel.ufl.edu (James M. Shima) writes:
> > What about the
> > same thing for digital data that is criss-crossing the sky and waves?
>
>
> Yes, digital demodulation is on the current state-of-the-art
> horizon. Any digital data can be piped into a computer and decoded
> using digital signal processing (DSP) techniques. Thus, any RF wave
> can be demodulated and "broken out" via software.
>
> The next generation receiver is a digital radio, which I have worked
> on. This radio is purely digital, no analog mixers, etc.
> Getting another demodulator or customizing the radio is as
> simple as changing the firmware. Going digital gives more
> flexability and better performance in some cases.
>
>
> -Jim

3988. Re: Please update us on the AR8000

Newsgroup: rec.radio.scanner
Date: 1994-10-18 00:04:07 UTC
From: rotnapple@aol.com
Message-ID: <37v3dn$3jm@newsbf01.news.aol.com>
Source record: 267107

In article <brett_miller.510.000E39BE@ccm.hf.intel.com>,
brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>No. Some minor discrepancies in squelch threshholds on some units ...
>nothing to get excited about. Some image problems on HF. Also
>non-critical.

He may be referring to the power-on problem that was fixed by adding a
diode.
This fix has been added to current production units.

There was also a bug in the Audio Scan feature that AOR said they would be

fixing (this may be the squelch threshold problem you referred to).

Brett and others (well except for Michael), Thank you for answering my
questions and updating us.

Greg

3989. Re: faxes from immarsat 1

Newsgroup: rec.radio.scanner
Date: 1994-10-18 00:58:00 UTC
From: ric.topp@nccbbs.com
Message-ID: <89BF4EA.000B002A32.uuout@nccbbs.com>
Source record: 267118

>/Does anybody out there scan the frequencies of IMMARSAT ?.
>/I have heard rumours of programmes around to copy faxes from the satellites
>/but as yet have not seen one. Where HF faxes are a broadcast to all, the
>/satellite faxes are to a particular machine and therein lies the challenge.
>/
>/
>Yes - try some of these(see below).
>There is a program to decode weather fax with a sound blaster board.
>The author Paul Hitchcock can be found at "paulhtc@netcom.com" for
>download information.

Paul, can you please send me information regarding your program???
I'm very interested in receiving the fax's but don't have a clue
how do do it. I currently have a PRO-43 and a regular sound blaster.

Thanks in advance...Ric

3990. Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-18 01:05:02 UTC
From: jim@ttech.com
Message-ID: <jim-171094170503@jimsmac.ttech.com>
Source record: 266950

I live in the Anaheim California area and recently purchased a copy of "Scan Fan". It contains alot of useful information about frequency useage in the Southern California area. This publication also states that many radio services (i.e. Orange County Sheriff and LAPD) are in the process of converting to an all digital modulation system. Does anyone know if companies that design scanners are going to provide digital modulation decoding in future products? Maybe it is not even possible to monitor digital communication? If it is not possible to monitor digital communication, the future for scanning could be very bleak.

+-Jim

jim@ttech.com

3991. Re: Short PRO-43 Battery life?

Newsgroup: rec.radio.scanner
Date: 1994-10-18 01:29:06 UTC
From: docekalr@delphi.com
Message-ID: <9410172115591.DLITE.docekalr@delphi.com>
Source record: 267117

Bob,

Do you have any numbers for rechargable alkaline batteries. I run across the same difficulties with the NiCads in my HH scanner and was considering the purchase of a alkaline recharger. Do you think it's worth the $$$.

-Rich

DOCEKALR@DELPHI.COM

3992. Re: Radio Politics

Newsgroup: rec.radio.scanner
Date: 1994-10-18 02:06:57 UTC
From: jkobzeff@sybil.jpl.nasa.gov
Message-ID: <jkobzeff-1710941906570001@jackmac.jpl.nasa.gov>
Source record: 266944

In article <1994Oct17.065625.14059@hpcvaac.cv.hp.com>,
billn@hpcvaac.cv.hp.com (bill nelson) wrote:

> cremer@delphi.com (charlie cremer) writes:
> : >Fine, but who are you going to vote for? If you vote either Democrat
> : >or Republican, you are simply voting to continue with the status quo.
> : >Maybe we should all consider voting for the Libertarian candidates.
> : >However, I doubt if there are enough of us to make much of a difference.
> : >The next best thing would be to vote all the incumbents out of office.
> : >
> : >Bill
> :
> : Even voting the incumbants out has problems. Doing so this November will
> : make Ollie North the Senator from West Virginia. How do you guess Ollie
> : feels about the public monitoring government activities?
> :
> : I don't know what the answer is, but I reckon its a bit more complicated
> : then "Throw the bums out!"
>
> Yep. The replacement can be worse than the current lackey. That is one of
> the problems with the two party system - no real choice.

I believe that you had the right idea about supporting Libertarian
candidates. I used to think that the Libertarian platform was too radical.
Not any more....

--
Jack Kobzeff ----- jkobzeff@sybil.jpl.nasa.gov

3993. ELIMINATE ALT.RADIO.SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-10-18 02:29:02 UTC
From: jim@ttech.com
Message-ID: <jim-171094182903@jimsmac.ttech.com>
Source record: 266961

Many newsgroups start out as an "ALT" group and then after gaining popularity are converted to a "REC" group. In all of the replies that I have received to my previous posting, it is indicated that the goals of both groups are identical. Therefore why waste the Internet bandwidth by posting to and reading from two newsgropus as many scanner hobbyists are currently doing?
Many hobbyists posting to alt.radio.scanner may not be aware of the existance of rec.radio.scanner. We currently have enough problems with government attempting to regulate what we can monitor. Why not form a single Internet alliance of scanner hobbyists in one newsgroup (rec.radio.scanner)?

+-Jim

jim@ttech.com

3994. Re: Radio Shack - PRO-2030

Newsgroup: rec.radio.scanner
Date: 1994-10-18 02:35:09 UTC
From: davec33401@aol.com
Message-ID: <37vc8t$6cf@newsbf01.news.aol.com>
Source record: 266945

In article <34au46$ibl@nic-nac.CSU.net>, g9153402@huey.csun.edu (Berton Corson) writes:

Any update on RS 2030 mods for units which do not have the L20 loop?

Any help would be appreciated...

3995. Re: Discussion of Cordless monitoring laws

Newsgroup: rec.radio.scanner
Date: 1994-10-18 02:42:57 UTC
From: billsohl@earth.planet.net
Message-ID: <37vcnh$4g6@jupiter.planet.net>
Source record: 267003

Shawn4sk1 (shawn4sk1@aol.com) wrote:
: I found this today on the misc.legal newsgroup- don't know the reliability
: of the info but thought it was pretty interesting. Enjoy! Shawn Oliver,
: On the Internet at: soliver@ozarks.sgcl.lib.mo.us
: ---
: Subject: Re: Cordless Snooping Outlawed?
: From: eck@panix.com (Mark Eckenwiler)
: Date: 14 Oct 1994 19:57:54 -0400

: In <37ekjk$827@access1.digex.net>, jthomas@access1.digex.net sez:
: >In article <37biev$dn5@sashimi.wwa.com>, Glen L. Roberts <fd@wwa.com>
: wrote:
: >
: >It's not clear that EFF actually got the cordless phone language inserted
: >into the bill

: It's clear they did no such thing. That provision was in the earlier
: version of the measure last spring, at a time when EFF opposed the
: measure altogether.

: >I believe that a Federal Court of Appeals (if not the Supremes
: >themselves) had found that there is no "expectation of privacy" for
: >conversations on cordless phones, so there is no problem intercepting
: >conversations held on them.

The case mentioned above was whether the police needed a "warrant" to
allow evidence collected because a neighbor overheard a converstion
of a cordless conversation on his scanner. The "legality" of
listening was not at issue. It will ne interesting to see what
happens to future cases like this. Will someone report illegal
activity overheard on a cordless conversation knowing that the act
of such listening is now illegal. That probably won't happen anymore
because why would someone expose themselves to prosecution?

: There was some pre-1986 federal caselaw to that effect. The 1986 ECPA
: added an explicit proviso exempting cordless phone transmissions from
: Title III's protections. Since then, however, a number of states
: (Conn., NY, Calif.) have adopted new statutes (or readings of existing
: ones) that extend protection to such communications.

But, I don't know if those laws prohibit police monitoring or the
submission of evidence so obtained.

: A good rule of thumb is that if cordless comms are protected in your
: jurisdiction -- which will be the entire US in short order -- then
: there is a legal "expectation of privacy."

I don't think that's necessarily true. It will be true that it is
illegal to listen, but the courts may still take the view that
expecting no one will listen (given the ease of listening and the
millions of existing scanners) goes beyond any expectation of privacy.

--
Bill Sohl K2UNK (billsohl@planet.net)
Budd Lake, New Jersey

3996. Wanted: Reno, NV Public Safety Freqs

Newsgroup: rec.radio.scanner
Date: 1994-10-18 02:46:53 UTC
From: Ivan Landis <wk03268@worldlink.com>
Message-ID: <2991530643.3.wk03268@worldlink.com>
Source record: 267176

Taking a short trip to Reno on Saturday; would love to have the local public safety freqs to plug into my handheld. Anybody have a list?

3997. Re: ICOM R-1

Newsgroup: rec.radio.scanner
Date: 1994-10-18 03:31:47 UTC
From: amigo@seanet.com
Message-ID: <amigo.782450656@kisa>
Source record: 266948

wwhitby@aol.com (Wwhitby) writes:

>BTW, does anyone know how the sales of ICOM VHF/UHF receivers have been
>since they gutted the entire 800 mHz band?

>Warren Whitby
>wwhitby@aol.com
>73s de KE4ITL

It continues to sell quite well - simply because small size, features,
and overall coverage continue to make it a great scanner. Yes its
receiving in HF is bad -- I've found a good antenna/tunner/match/wiring
works to solve a lot of that problem. HF is low freq, therefore a LARGE
(long) antenna is best to get anything. I still can frequent most mid-high
power stations from 80m on up -- I've even had luck picking up a ship
beacon at 350 KHz with it (and I"m at least 15 miles from it).
Bad filtering on the input end makes close stations & harmonics
of stations stronger then they should be (they shouldn't break squelch).
I've also cured some of that with a good bandpass filter for HF band only.
Course this all ends up with a very stationary station.. another way
to get OK reception of lower frequencies is Radio Shack's antenna -- at
$10 it does OK, I can get the WWV/WWVH stations on 5/10/15 MHz as well
there's Radio Russia, Radio Austrailia, and a crazy preaching station
from the south.. just to sum up the low end reception I've been able
to get.
I've had fun with it -- now moving over to HAM radio.. scanning
gets old after awhile!

3998. Re: Alpha paging from cell phone

Newsgroup: rec.radio.scanner
Date: 1994-10-18 03:33:05 UTC
From: comms@delphi.com
Message-ID: <Rc11qwZ.comms@delphi.com>
Source record: 267001

I do it all the time in Washington, dc Metro area...never had a problem. The only difficulty encountered is reading my plasma screen in the sunlight to make sure that I have misspelled an acceptable number of words...and that the meaning isn't lost. Some
..sorry. Punched the return. Only one way to find out. If it doesnt work, you can always move to DC. Good Luck.

3999. Re: Short PRO-43 Battery life?

Newsgroup: rec.radio.scanner
Date: 1994-10-18 03:45:26 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cxunrq.69w@nntpa.cb.att.com>
Source record: 266949

In article <9410172115591.DLITE.docekalr@delphi.com>,
Rich Docekal <docekalr@delphi.com> wrote:

>Bob,
>
>Do you have any numbers for rechargable alkaline batteries.
>I run across the same difficulties with the NiCads in my HH
>scanner and was considering the purchase of a alkaline recharger.
>Do you think it's worth the $$$.

Sorry, I don't use rechargeable alkaline cells. The only impressive
testimonials I've seen are the advertisements selling them.

Instead, I buy ordinary alkaline batteries on sale, often Osco brand.
Most brands have been good performers, except the imported store brand
batteries bought from Walgreens.

It's 1994 and we're still using about the same batteries we did 25
years ago. Improvement in battery technology for the masses
remains a promise unfulfilled.

As another poster mentioned, buying an extra battery holder is a good
idea.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

4000. Re: The one-issue election...

Newsgroup: rec.radio.scanner
Date: 1994-10-18 03:46:16 UTC
From: domonkos@access.digex.net
Message-ID: <37vge8$hqa@news1.digex.net>
Source record: 267011
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <crispCxsB0u.Izz@netcom.com>, crisp@netcom.com (Richard Crisp) says:
>
>In article <Cxp4on.Gut@vcd.hp.com> dmunroe@vcd.hp.com (Approach maximum loads with caution) writes:
>>
>><briskin@binah.cc.brandeis.edu> wrote:
>>
>>>And, frankly, if you polled
>>>most Americans who have cellular or cordless phones, you
>>>would probably find that they SUPPORT the law, because it
>>>is designed to protect their privacy.
>>
>>
>>Actually, they support it because they *think* it protects their privacy
>>when in fact the law does nothing! If our representatives <cough> really
>>wanted to protect communications, they'd require the phone companies to
>>scramble the cordless and cellphone transmissions.
>>
>
>Actually you are mistaken about this, it definitely does something: it
>further restricts the type of equipment you can own.
>
>Not the stated intent, but it does have an effect that is contrary to
>what the congresscritter Levin told his constituent. We either are being
>lied to by our representatives or they are too stupid to know what they
^^
>are doing. Either way their time is over as far as I am concerned.
^^^^^^^^^^>

They know EXACTLY what they are doing, they are assuming the general
public is stupid...

>I WILL VOTE FOR NO INCUMBENT IN WASHINGTON, I SUGGEST YOU ADOPT THE SAME
>POLICY>
>
>--
>Richard Crisp Cupertino, Ca. crisp@netcom.com
>(415) 903-3832 wk (408) 253 4541 fax
> For PGP Public Key, type finger crisp@netcom.com
>"It is a good thing that we do not get as much government as we pay for"
> -Will Rogers

4001. Re: faxes from immarsat 1

Newsgroup: rec.radio.scanner
Date: 1994-10-18 04:55:01 UTC
From: norman@pagesat.net
Message-ID: <37vkf5$6es@news.pagesat.net>
Source record: 266941

ric.topp@nccbbs.com (RIC TOPP) writes:

> >/Does anybody out there scan the frequencies of IMMARSAT ?.
> >/I have heard rumours of programmes around to copy faxes from the satellites
> >/but as yet have not seen one. Where HF faxes are a broadcast to all, the
> >/satellite faxes are to a particular machine and therein lies the challenge.
> >/
> >/
> >Yes - try some of these(see below).
> >There is a program to decode weather fax with a sound blaster board.
> >The author Paul Hitchcock can be found at "paulhtc@netcom.com" for
> >download information.

>Paul, can you please send me information regarding your program???
>I'm very interested in receiving the fax's but don't have a clue
>how do do it. I currently have a PRO-43 and a regular sound blaster.

>Thanks in advance...Ric

Pagesat has a version of it's UDI-1 interface that can receive faxes
from the Inmarsat marine satellites.Here is what is needed a satellite
receiver that can receive the Inmarsat signal in the 1540 Mhz range. The
audio signal is fed into the UDI-1 interface and RS-232 data is fed to your
computer.

The UDI-1 trains on the incoming rf data stream. A two way handshake
is not needed.

A limited number of these UDI-1 interface boxes are available for $200
each.. Also the appropriate software is meeded to decode and
display the fax is needed which is available by the developer. I do not
have a price on this software. However if you are interested I will put
people together.

Norman Gillaspie
.
--
For information regarding Pagesat's Satellite delivered usenet news
mail info request to "info@pagesat.net" or call: 415-424-0384
.. Delivering 100+ (Soon to be 180) megabytes of Usenet news each
day via satellite

4002. How do freq. down- / up-converters work?

Newsgroup: rec.radio.scanner
Date: 1994-10-18 05:05:14 UTC
From: browere@einstein.cs.ucdavis.edu
Message-ID: <37vl2a$ai0@nic-nac.CSU.net>
Source record: 266955

I suppose the title says it all. Perhaps a kind and knowledgeable individual could give a more-than-basic overview of how these things work and how they would interface with a scanner.

A place to look for such a schematic (or if one could be provided as an example) would be very helpful.

Please, do not email- I must re-compile my newsreader, as my address is incorrect.

Eric
.

4003. Scanners vs. Shortwave

Newsgroup: rec.radio.scanner
Date: 1994-10-18 05:05:25 UTC
From: "Robert Pincus"
Message-ID: <37vl2l$mnm@tbm128.thomas.com>
Source record: 266958

Hi,

For us Newbies, what are the differneces between scanners
and shortwave radios?
What can one do that the other can't? What are their advantages?

Thanks,
Robert

4004. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-18 09:09:34 UTC
From: hpeach@ca.uky.edu
Message-ID: <hpeach.163.002EACC3@ca.uky.edu>
Source record: 267190

In article <jim-171094170503@jimsmac.ttech.com> jim@ttech.com (Jim Wayda) writes:
>From: jim@ttech.com (Jim Wayda)
>Subject: Bleak Future for Scanning
>Date: Mon, 17 Oct 1994 17:05:02 -0800

[... Stuff Deleted ...]
>converting to an all digital modulation system. Does anyone know if
>companies that design scanners are going to provide digital modulation
>decoding in future products? Maybe it is not even possible to monitor
[... Stuff Deleted ...]

It is certainly possible to decode digital modulation schemes. The biggest problem that I am aware of is that there are no standards for digital modes. Each vendor has their own proprietary, patented method.

I expect that like most technologies at first there will be no 3rd party equipment. As time goes on and patents run out official or defacto standards will emerge and 3rd party radios, including scanners will become available.

The question you should ask is what about encryption. As we move to digital modes encryption become easier and most business/police systems will probably move to it. Because it is illegal to decrypt transmissions not intended for you that will be the end of listening to these comms. There will always, however, be services that because of the nature of the communications will be open (i.e., aircraft, marine, etc.).

Radio as a hobby will always be around, but like always, the nature of the hobby will change. If you like fooling around with radio there will always be something to do!

4005. A few questions

Newsgroup: rec.radio.scanner
Date: 1994-10-18 11:07:13 UTC
From: rab@pluto.me.adfa.oz.au
Message-ID: <9410181107.AA04874@pluto.me.adfa.oz.au>
Source record: 267119

G'day,
I'm fairly new to scanning in general, so I was wondering if I
could get a couple of questions answered, or least pointed in the right
direction to get some answers.

What exactly is a 'birdy
' ? My scanner manual mentions them, but isn't v. clear on exactly what they
are. Also, does anyone know about (or even own) a Uniden Bearcat 70XLT ?
I'm using one at the moment - it's basic, but quite nice to use.
And...finally (phew!) does anyone have any Australian frequencies that might
be interesting to listen to ?

Thanks muchly in advance.

-Richard B.
===
rab@pluto.me.adfa.oz.au - Stuck without a proper news reader...
===

4006. Re: Optoelectronics Interceptor

Newsgroup: rec.radio.scanner
Date: 1994-10-18 12:44:04 UTC
From: robert1159@aol.com
Message-ID: <380fuk$2th@newsbf01.news.aol.com>
Source record: 267189

In article <37b1j0$kat@nanette.pdb.sni.de>, schro@norton.sni.de (W.F.Schroeder) writes:

I have been using my Interceptor for awhile now. it's ok and does what it says it does but at any given time in any given place you are being bombarded with TV and Radio signals (including the video frequency for the TV channels) 90% of the time that's what I hear on the interceptor. if a Cab happens to be going by or something .. you will hear them.. This device is not designed for you to be just wondering around cuz the TV and Radio is all you'll here.. but Say you are at the opening of a new mall and they are using radios right by you or you know they have an inhouse repeater then you will probably hear it. I just wish i could block out the TV and Radio signals. Email me for more info.

4007. Re: Maruhama RT-618

Newsgroup: rec.radio.scanner
Date: 1994-10-18 13:18:56 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <782486336snz@javiaton.demon.co.uk>
Source record: 266938

In article <37mf0n$pi7@panix3.panix.com>
schuster@panix.com "Michael Schuster" writes:

> In article <220945519wnr@phoenixs.co.uk>,
> Gary Smith <gary@phoenixs.co.uk> wrote:
> >I'm looking at getting a scanner and I saw an advert for the Maruhama
> >RT-618. Does anyone know this scanner? Is it totaly cool or a waste
> >of space. Please give me your 0.02 worth.
>
> JUNK. Stay away.
>
> You have been warned.
>
>

SPOIL SPORT.....where's your sense of adventure gone....:-(

--
Cheers,
/--\
Jonathan Clough,	"How important is an airplane's appearance" ?
Javiation, Bradford, UK	"Its important to me. My wife tells me that if
Compu$$erve: 100117,535	it doesn't look good, it won't fly good.
Internet:	That's good enough for me" - Kelly Johnson
Clough@javiaton.demon.co.uk	Designer of the Lockheed SR-71
\--/

4008. Re: Maruhama RT-618

Newsgroup: rec.radio.scanner
Date: 1994-10-18 13:20:21 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <782486421snz@javiaton.demon.co.uk>
Source record: 266937

In article <220945519wnr@phoenixs.co.uk> gary@phoenixs.co.uk "Gary Smith" writes:

> I'm looking at getting a scanner and I saw an advert for the Maruhama
> RT-618. Does anyone know this scanner? Is it totaly cool or a waste
> of space. Please give me your 0.02 worth.
>

Gary,

The RT-618 has been "around" since earlier this year.....I was
fortunate (!) enough to get a few when they came out. On paper
they look quite a nice unit...in real life...mmmm....well....
leaves a little to be desired.

A couple of Importers in the UK looked at the unit: we had some
(and I have some left...), SMC considered it and Icom looked at it but
nobody took the thing on board at that time, finally Lowes
started to bring the thing in...I don't think you will see it around
for long to be honest though. Its price is good at under 300 quid but for a
little bit more you have the Camnis '50/TR-2400 and a little bit
more than that the MVT-7100.

If your not too bothered about SSB then the MVT-7000 would be
a far better bet.

One major "stupidity point" is that whilst various increment
steps are avialable (1, 3, 5, 10, 12.5KHz etc) they are not
avialable accross the whole band, on top of this its a bugger to
drive.....

Maybe later versions might overcome the increment steps, then
again maybe not...mmm

--
Cheers,
/--\
Jonathan Clough,	"How important is an airplane's appearance" ?
Javiation, Bradford, UK	"Its important to me. My wife tells me that if
Compu$$erve: 100117,535	it doesn't look good, it won't fly good.
Internet:	That's good enough for me" - Kelly Johnson
Clough@javiaton.demon.co.uk	Designer of the Lockheed SR-71
\--/

4009. Re: How do freq. down- / up-converters work?

Newsgroup: rec.radio.scanner
Date: 1994-10-18 13:37:18 UTC
From: Fred.Herrmann@msfc.nasa.gov
Message-ID: <380j2e$ioe@hammer.msfc.nasa.gov>
Source record: 267120

You down or up convert a frequency by beating the incomming frequency
against a local oscillator. When you mix the two frequencies you
get two images. One image the difference the other the sum. Example:

400 mhz local frequency
869 mhz target frequency

Image 1 is 869-400=469mhz
Image 2 is 869+400=1269mhz
>

4010. Re: Query: Tracking frequency for Whooping Cranes?

Newsgroup: rec.radio.scanner
Date: 1994-10-18 13:39:55 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.142.0007AA8F@chevron.com>
Source record: 267015

In article <37ot2q$9rf@giga.bga.com> garyposs@bga.com (Gary Poss) writes:
>I am looking for the frequency used on tracking transmitters that are
>attached to Whooping Cranes as they migrate back and forth between their
>habitats.

>Their was a PBS documentary somtime back where state/federal wildlife agencies
>tracked Whoopers across the United States. Tracking equipment was shown including
>vhf yagis and what appeared to be a DAVCO receiver.

>Do you have any information related to this tracking activity, including migration
>schedules?

Several years ago I worked for a company that made transmitters and receivers
for tracking wildlife. I don't remember exactly what frequencies were used
but most were in the 160 MHz area. The highest freq I believe we dealt with
was around 216 MHz. We built some low band stuff that was implanted in fish
also. The frequency all depends on whose using it and the application.

Receiving the signals on a scanner is very difficult. The transmitters are
very low power, just a couple of milliwatts. Nor do they usually carry any
information. It's just an interupted CW signal. The only information I
recall we ever handled was movement and temperature. Those changes were
represented by changes in the speed of the CW keying.

Things may be different now - wouldn't doubt it. I worked for that small
company about eight years ago.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

4011. Freqs: York Area in UK

Newsgroup: rec.radio.scanner
Date: 1994-10-18 13:40:07 UTC
From: gary@phoenixs.co.uk
Message-ID: <536253136wnr@phoenixs.co.uk>
Source record: 267121

Does anyone have any interesting Freqs from around York?

Gary
--

4012. Re: Pro-43 leather case?

Newsgroup: rec.radio.scanner
Date: 1994-10-18 13:43:31 UTC
From: glm@xmission.com
Message-ID: <glm.3.001C7EBA@xmission.com>
Source record: 267217

In article <1994Oct18.125048.925@Firewall.Nielsen.Com> pooledm@msmail.dun.nielsen.com writes:
>From: pooledm@msmail.dun.nielsen.com
>Subject: Pro-43 leather case?
>Date: Tue, 18 Oct 94 08:45:26 PDT

>I know this was posted sometime back but I didn't
>have a Pro-43 then and didn't save the info :(

>Does anyone know of a manufacturer for a leather case
>(or maybe vinyl) specifically to house the Pro-43 scanner?

>Thanks,
>Dave, N4XRO
>pooledm@msmail.dun.nielsen.com

Contact:
Design EQ
PO Box 1245
Menlo Park, CA 94025

Cost is $29.95 plus $2 bucks shipping. I bought one and thought it was pretty good. The guy who makes them is Howard Bornstein. He is online on CompuServe, but I don't know his user ID.

Good luck,

4013. Re: Optoelectronics Interceptor

Newsgroup: rec.radio.scanner
Date: 1994-10-18 13:53:22 UTC
From: gdallal@world.std.com
Message-ID: <CxvFwy.FxI@world.std.com>
Source record: 267122

Robert1159 (robert1159@aol.com) wrote:
: I just wish i could block out
: the TV and Radio signals. Email me for more info.

I thought you could do that by spending a small fortune for filters.

Also, my understanding is that the Scout will tune certain receivers to the frequency it is registering, but I don't know if any compliant receivers are handhelds.

4014. Re: Icom IC-R1

Newsgroup: rec.radio.scanner
Date: 1994-10-18 13:56:23 UTC
From: nemo@gnu.ai.mit.edu
Message-ID: <380k67INNitk@life.ai.mit.edu>
Source record: 267014

In article <brett_miller.513.000E610F@ccm.hf.intel.com>,
Brett Miller - N7OLQ <brett_miller@ccm.hf.intel.com> wrote:
>In article <37u32vINN9ss@life.ai.mit.edu> nemo@gnu.ai.mit.edu (Paolo Bevilacqua) writes:
>
>>I'm suprised to not have seen any reference to the Icom IC-R1
>>among the "Most Wanted Scanners" reports here. Actually, i own
>>one of these handheld wideband receivers and I'm quite satified.
>
>Many people really like this little radio because of its size/features ratio,
>but the majority of people find it very frustrating because of its poor RF
>performance.
>

What is generally meant by poor RF perf. ? I can't figure by myself
because I owned this scanner only.
--
nemo@gnu.ai.mit.edu "I can do FSK."
-or- Not HAM, but SWL 5756
p.bevilacqua@agora.stm.it "Always with net.tradition"
-=-=-=

4015. Re: Scanners vs. Shortwave

Newsgroup: rec.radio.scanner
Date: 1994-10-18 13:59:22 UTC
From: gdallal@world.std.com
Message-ID: <CxvG70.IFM@world.std.com>
Source record: 267124

RobertPincus wrote: : Hi,

: For us Newbies, what are the differneces between scanners
: and shortwave radios?
: What can one do that the other can't? What are their advantages?

The short answer is that shortwave listening is (mostly, there
are exception) concerned with long range reception--often,
international--of broadcast transmissions below 30 MHz (AM).
Scanner enthusiast are (mostly, this is the short answer) concerned with
the interception of short range point-to-point transmissions above 30MHz
(mostly FM).

4016. PRO-43 MEMORY UPGRADE TO FOLLOW.

Newsgroup: rec.radio.scanner
Date: 1994-10-18 14:16:58 UTC
From: bbb@kuhub.cc.ukans.edu
Message-ID: <1994Oct18.091658.75230@kuhub.cc.ukans.edu>
Source record: 266966

Following this post will be two more that
detail the adding of 200 more channels to a
PRO-43 radio.
The first will be the text of the article.
The second will be a UUENCODED GIF showing
the circuits needed.
(check out one of the many binary picture groups
if you are unfamiliar with UUENCODING.)

I'm posting this 'annoucement' message in case
the next two post don't move through the NewNet
for some reason.

GET THEM NOW. I won't be able to repost
them all the time.

Good Luck, and enjoy the MOD.

BB

(PS. if someone out there actually does the mod, I'd love
to hear from ya. Esp if there were any places where
the instructions could be improved.)

Hears listening to ya.....

4017. Pro-43 400 CHANNEL MOD part 1 (LONG)

Newsgroup: rec.radio.scanner
Date: 1994-10-18 14:19:23 UTC
From: bbb@kuhub.cc.ukans.edu
Message-ID: <1994Oct18.091923.75231@kuhub.cc.ukans.edu>
Source record: 266965

This is a repost of an article I posted in
April. It was also published in WSR.
Following this post is a UUENCODED GIF.
(If you don't know what a UUENCODED GIF is
then please check out one of the BINARY groups.)

BB 9/30/94

Second Repost
10/18/94
BB

PRO-43 ENHANCEMENT
MEMORY EXPANSION & "FADE-AWAY" LIGHT
Brett Bennett 4/12/94
bbb@kuhub.cc.ukans.edu
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INTRODUCTION

The following document details two enhancement
modifications that are possible on the Radio Shack PRO-43 scanning
radio. The first modification doubles the factory standard memory
capacity, allowing you to enjoy an additional 200 channels of memory,
plus 10 more monitor memories. After completing the first
modification, it is a fairly simple matter to add a 7 to 10 second delay
feature to the LCD back-light lamp circuit. I designed and performed
these modifications on my PRO-43 and they do work. As I understand
it, there (has been/is being) presented in WORLD SCANNER
REPORT a similar memory expansion. I have not seen this
modification and for all I know it is a better way of doing it. What is
presented is a 'clean-room' design of my own that to the best of my
knowledge is the only one to also offer a time-delay for the LCD back-
light. Having said that, let me say:

I ASSUME NO RESPONSIBILITY FOR ANYTHING THAT
MIGHT HAPPEN TO YOUR RADIO SHOULD YOU OR
ANYONE ELSE ATTEMPT THESE MODIFICATIONS.
WHILE REASONABLE CARE HAS GONE INTO THE
PREPARATION OF THE FOLLOWING DOCUMENT, I CAN
NOT GUARANTEE THAT THERE ARE NOT ERRORS.

The procedure described below is very complicated, and
involves the soldering and desoldering of very tiny components and
the cutting of printed circuit board traces. While the procedure is not
irreversible, it will leave permanent scars inside your scanner. It

should only be attempted by someone with moderate to advanced electronics experience. I don't think it should be attempted by, to quote someone else, a "weekend technician." If as you read through this you feel intimidated by the jargon and required procedures or if an electronic schematic looks like a strange piece of modern art to you, then this might not be the 'mod' you are looking for. The following document will assume you have obtained the materials listed below, especially the Service Manual, and you have studied the circuit in some detail. I will not describe in great detail where every component is or where every solder point on the logic board should be placed. Having the Service Manual, and having studied the drawings therein will allow you determine to where it is I refer.

REQUIREMENTS

1 - PRO-43 Service Manual. (Tandy Parts # MS-2000300 - approx. $6.00)
1 - CD4053 - Triple - SPDT analog switch - Surface mount package (DigiKey #CD4053BCM-ND - approx. $1.50)
2 - 93C67 EEPROMs (Tandy Parts # MX-8050 - approx. $13.00/each)
1 - 100k x 5 resistor network. Common lead type. (DigiKey # Q5104)
1 - UN2111 PNP transistor (Q1 on Logic PCB. Tandy Parts #)
1 - 1 uF 16v capacitor.
1 - 10 MOhm 1/8-1/16W resistor.
Misc.:
Wire wrap wire-30 gauge. (Radio Shack)
Grounded soldering iron with approx. 1/32" tip or smaller.
Desoldering Equipment.
Digital Volt Meter. (Used to double check your VCC and Ground connections, pre-check switching assembly)
Utility knife with fresh sharp small blade. (Needed to cut traces.)
Strong hand held magnifying lens. (Needed to check solder joints.)
+5-10 Volt bench power supply. (Used to check switching assembly.)
Anti-Static work place and grounding wrist band.
Very fine needle nose pliers, wire cutters.

THEORY

When studying the schematic for the PRO-43 one sees that the channel memory is organized using two 93C67 EEPROMS. As is common in microcomputer designs, the memory is all connected together on a common bus, with the individual memory devices being selected with a Chip-Select (CS) control line. The 93C67 are particularly simple, in that they are serial devices, only requiring 4 signal lines. (Data In, Data Out, Data Clock and CS) This inspired me to consider the possibility of adding two more EEPROMs, creating in effect a second 'bank' of 200 channels. One could then, presumably with the flip of a switch, choose between the original 200 channels, and a second bank of 200 channels. (In theory, this could continue to 600, 800, 1000 etc. channels. In practice however, space is very tight

in the PRO-43, and getting anymore memory installed would be very tricky.)

Switching two CS lines between two pairs of EEPROMs requires the equivalent of a DPDT switch. While it might be possible to do this with a mechanical switch, the physical implementation of this could prove to be very difficult. Rather than use a DPDT switch, I chose to use a CD4053 triple 2 channel analog multiplexer/demultiplexer. This CMOS analog 'mux/demux' can be viewed as a triple SPDT switch. Two sections of the CD4053 are wired in such a way as to act as a DPDT switch. The advantage being that a DPDT switch can be controlled with a SPST switch, and no actively switching digital signal lines need leave the area of the CPU. At this point one is still faced with the need of a mechanical switch to control the CD4053, albeit, only a SPST switch is needed. It was suggested to me by someone on the Internet, that the 'Keylock' switch might be a good candidate. And indeed it is! While it might be nice, once in a while, to be able to disable the keyboard, it is more than a fair trade to give this up for more memory. Thus I used the Keylock switch to control the DPDT switch made from the CD4053.

Good design dictates that the state of all signal/control lines are always in a known state. The 93C67's CS lines are active high leading to the need for pull-down resistors on all 4 CS lines. This insures that the 93C67's not currently being used will have their CS lines pulled to ground. I accomplished this with 100K ohm resistors connected between the CS line and ground. Physically I implemented this using a resistor array (SIP package) containing 5-100K resistors all having one common lead. The 5th. resistor is used to pull-down the CD4053 control lines making up the DPDT switch. This is necessary when the Keylock switch is in the open position (unlocked) since the line must be driven low.

This leaves a SPDT switch in the CD4053 not being used.

Studying how the lamp circuit works shows that the keyboard light switch grounds the base of Q1 to turn on the lamp. Using the CD4053 to act as the switch to ground, and placing a large RC time constant circuit on the control line of the CD4053 will allow for a time delayed lamp modification. Because the input impedance of the CD4053 is extremely high, a small valued capacitor and large value resistor will work. In my design I used as 1 uF tantalum capacitor and a 10 MOhm resistor to form the RC time delay. The Pro-43's keyboard light switch is connected across the capacitor to discharge it when depressed. This causes the CD4053 to switch on, grounding the base of Q1. After the switch is released, the capacitor begins to charge through the 10 MOhm resistor. When this voltage reaches approximately 1/2 VCC the CD4053 switches off, and the lamp goes out. (One caveat: When the radio is first turned on, the capacitor is discharged and therefore a lamp timing cycle will begin with each power up.)

PROCEDURE

**REMEMBER TO ALWAYS WORK AT A STATIC FREE WORK-
STATION, INCLUDING THE USE OF GROUNDED SOLDERING
EQUIPMENT AND THE WEARING OF STATIC REMOVAL
BRACELETS.**

The first step is to build the switching assembly. To build this first tin the leads of the surface mount CD4053 and the resistor array. Following the connections shown in the schematic (figure 1), attach short (3/8" to 1/2") pieces of wire wrap wire between the 5 resistor leads of RA1-NEW and pins 1,2,3,5, and 9-10 on the CD4053. (You should always: Size, cut, strip, tin and trim the wire before soldering it to the CD4053. Doing this makes it fairly easy to get good solder connections.) Connect the common lead of the resistor array to pins 6,7,8 and 12 of the CD4053. If done correctly you will have the resistor array laying flat on its side with its leads facing the CD4053 as shown in figure 2. This makes the assembly very thin. Inspect the solder joints with a magnifying glass, and give them a gentle 'tug' to make sure they are securely soldered. The PCB board drawing on page 19 of the service manual is an actual size drawing. Check to see that your assembly will fit into the area just above IC1 and to right of IC2.

Soldering to the pins of RA1-NEW, connect 4 - 2.5" lengths of wire to the resistor leads going to pins 1,2,3&5 of CD4053 (This makes up the 4 switched lines going to the CS pins.) Connect a 5" length of wire to the resistor pin connected to pins 9&10 of the CD4053.(This will go to the Keylock switch.) Attach a 2" piece of wire to the resistor lead attached to pins 6,7,8 & 12 of the CD4053. (This will be the ground connection.) Attach 3 - 4.5" long wires to pins 4,15,&16 of the CD4053. These will be the two poles of the switch and the VCC connection respectively. Finally attach 2 - 5" wires to pins 11 & 14 of the CD4053 if you intend to also add the lamp timer modification. At this point you should have a strange looking device with 11 wires sticking out of it. DOUBLE CHECK YOUR WORK AND SOLDER JOINTS AT THIS POINT.

The next step is to check the operation of the switching assembly. Using a 5-10 volt power supply, apply power to the assembly. Using a DVM, check to see that there is continuity between pins 4&5 and pins 15&2 while the control line (the wire attached to pins 9&10) is not connected to anything. And also check to see there is NO continuity between pins 4&3 and 15&1. If that checks, attach the control line to VCC. There should then be continuity between pins 4&3, and 15&1 and no continuity between 4&5 and 15&2. Next check for continuity between pin 14 and ground when pin 11 is grounded. The resistance between 14 and ground should become infinite when pin 11 is then connected to VCC. After check-out put the assembly aside in a static proof container.

Using extreme care bend all the leads, EXCEPT FOR PIN 3, of one of the 93C67 so that they are pointing as straight DOWN as possible . Bend pin 3 so it is sticking straight out from the body of the chip. These leads are very fragile and I suspect they will only accept a single bending before breaking,. After the leads are bent, carefully tin

all leads. Put the EEPROM back in its carrier, and repeat on the second EEPROM. The next step is to prepare the scanner for the switch assembly. From here on out, "The cheese becomes more binding," so work carefully and think about everything twice before doing it!

Remove the battery compartment lid and battery. Remove the 4 case screws and the back of the case. Disconnect the two wire connectors on the RF board. Desolder the antenna feed line and its ground connection. Remove the 6 screws holding down the RF board and remove it from the audio board. Disconnect the speaker wire from the audio board, and remove the 2 screws holding it to the front of the case. Separate this from the front of the case. Desolder and remove the RF-shield from the logic board. Wash your hands to remove as much skin oil as possible! Remove the screws holding the logic PCB. Turn the unit over, and with your hand supporting the PCB lower it from the case front. The reason for this is that the LCD assembly will stay with the board. If during this process the LCD and its backing glass do separate, handle them as little as possible. Also note the back-glass has a white frosted side. The frosted side, the light diffuser, is placed away from the LCD panel. Remove the rubber keypad, and locate the two traces running to the Keylock switch. Using a sharp utility knife, cut both of these traces near the switch, examine the cuts with a magnifying lens to make sure the switch is severed from the rest of the board. Avoid touching the keypad contact area as much as possible. Checking to make sure dust has not entered the LCD view area, put the logic PCB back in the front of the case and secure it with its screws.

Locate IC2 and IC3 EEPROMs on the logic board. Add to each of the pins on both chips a small amount of solder. This will be necessary to attach the new EEPROMs. Of course you must make sure that you form no solder bridges. At this stage I suggest you re-install the audio board and RF board. (There is no need to solder the RF shield back on, nor should you resolder the antenna connections.) By holding the battery in place and slipping the battery lid into proper position, it is possible to power up the radio without bothering with the case back. Check to see that all keys are functioning correctly except for the Keylock switch, and that the display looks normal. You are now ready to begin the 'fitting' of your switch assembly into the radio.

Locate the area just above IC1 and to the right (as being viewed from the backside of the radio) of IC2&3. There is a relatively open space here where the CD4053 and resistor array can lay. Cut a piece of thin card board stock to be slightly larger than the area taken up by the switch assembly. This will serve as an insulator between the logic PCB and the assembly. Keeping the assembly in its final position, start sizing the lengths of the wires. The wires connected to pins 1&2 of the CD4053 must reach IC3 pin 3, and the wires on pins 3&5 of the CD4053 must reach IC2 pin 3. Remember when cutting these down to leave enough extra wire for stripping, tinning and final trimming. The wire connected to pin 15 of the CD4053 must be long enough to reach the TRACE on the PCB going to IC3 pin 3. Likewise

the wire on pin 4 of the CD4053 must reach the trace running to IC2 pin 3. The switch control wire (pins 9&10 of the CD4053) must reach down to outside most solder pad on the Keylock switch. VCC, pin 16 of the CD4053, is sized to reach the 82 ohm resistor R26 located next to Q1. The ground connection can be made on the large copper area under the switch assembly after scraping a small area of solder-mask off. After the wire lengths have been determined, strip and tin the ends of all the wires and set the assembly aside.

Using a sharp knife, cut the trace running from IC1 to pin 3 of IC2. Repeat this for the trace running from IC1 to pin 3 of IC3. On either side of the cuts, scrape off a 1/8" area of solder mask and tin the exposed copper. Be careful not to damage any of the surrounding traces or components. Place the switching assembly in its proper location and solder the ground wire to the solder-mask free area you made near IC1. Attach VCC (pin 16 of the CD4053) to the top of R26. Attach the pin 5 wire to the cut trace that runs to IC2-pin 3, and attach the pin 2 wire to the cut trace running to IC3-pin 3. Next attach the wire on pin 4 of the CD4053 to the trace running to pin 18 (previously running to IC2-pin 3) of IC1. Likewise connect the wire on pin 15 to the trace connected to pin 19 (previously running to IC3-pin 3) of IC1. If done correctly you now have 4 wires running to the four 'new' connection points made by cutting the two CS line traces.

Connect the wire tied to pins 9&10 of the CD4053 to the outside (left side) conductor of the Keylock switch. Attach a new piece of wire to the center conductor of the Keylock switch. Size and connect the other end of this wire to center lead of IC5. (IC5 is low battery detector for the CPU. The center lead of this is connected to 5 volts which is sufficient to switch the CD4053. Later we will need to attach another connection to R26, and squeezing 3 wires to this single point would be tight so I used the 5 volt bus for switching.)

Place the insulator under the assembly and tape a corner in place so it will not move. Cut another cardboard insulator big enough to cover the switching assembly, and place this on top of the logic PCB. Bending the currently disconnected wires (pins 1,3,11,&14) in such a way that they don't short to anything (or each other) , install the audio board back in to the radio. Install the RF board and prepare to power up the radio. Making sure the Keylock switch is in the UNLOCKED position, turn the radio on. It should begin to scan normally. (Believe me you will breathe a big sigh of relief when it does!) Turn the radio off, move the Keylock switch to LOCKED position and turn the radio back on. You should see it either scanning frequency 000.0000 or the frequency field will be blank, with the channel counter incrementing. After a few seconds, the frequency number always blanked out and the am/fm indicators blinked randomly on my radio. If you are unable to make the radio scan correctly, there is something wrong with the switch assembly or your connections.

The next step is to install the new memory. The leads on the new memory are not long enough to reach the leads of the factory memory. Trying to solder bridge the gap is difficult accomplish

without also bridging adjacent pins. The best way I found to do this is to use tinned wire wrap wire. So the first step here is to tin about 6" of stripped wire wrap wire. Remove one of the new 93C67s from its carrier and place it on top of IC2, making sure that the extended pin 3 is over pin 3 of IC2. Put a droplet of solder on the tip of your soldering iron. While holding down the memory with a finger, apply the soldering iron to one of the corner pins of both ICs. The droplet should 'jump' over the gap between the pins and solder them together. Check both sides of the EEPROM to insure that all pins are accurately aligned. For the remaining straightened pins, proceed as follows: While holding the tinned wire wrap wire against the lower and upper pins, apply a freshly cleaned soldering iron tip to the gap area of the joint. The extra solder you earlier placed on the factory EEPROM will then be available to flow along the wire and solder to the pin of the new EEPROM. CHECK the joint with a magnifying lens. After a visual conformation of the joint, clip the wire close to the pin of the newly installed memory. If you like go back to the first pair you soldered and lay the wire into the molten solder. Repeat for IC3. Attach the wire connected to pin 3 of the CD4053 to pin 3 of IC2-NEW, and connect the pin 1 wire to pin 3 of IC3-NEW. Install the cover insulator over the switch assembly and prepare for a power up. With the Keylock switch in the Unlocked position power up the receiver. After insuring that the factory memory is still working correctly, power down, switch to the Locked position and power up again while holding down the 0 key and the Clear key. You should now see the radio scanning frequency 000.0000 for all 10 banks repeatedly. Press the PGM key to stop scanning and enter a valid frequency value and press enter. Press PGM, then the DOWN-ARROW, then PGM again. The frequency you just programmed should now be on the display. (At this point feel free to cheer! YOU have just added 200 more channels to your PRO-43. The next step will be the icing on the cake!)

This next step requires you to lift the BASE of Q1 from the logic PCB. (I found this to be very difficult, in fact, I ended up destroying Q1. Thus the extra Q1 in the parts list.) Desolder and lift the Base lead of Q1 from the logic PCB. Solder together one lead of R2, the positive terminal of C1 and the wire from pin 11 of the CD4053. Also from this junction, connect a wire to the solder pad on the logic PCB where Q1's base was connected. The area to the right of the Keylock switch provides a space where these components can lay. Connect the base of Q1 to the wire connected to pin 14 of the CD4053 switch assembly. The other end of R2 is connected by wire to the top of R26, this provides the charging voltage for C1. The negative lead of C1 can be connected to the RF shield ground pad near the Keylock switch. (Check that the RF shield will fit in place over C1. If it will not, place C1 so that its body is just below the bottom of the shield. Insulate the R2-C1 combination with electrical tape. Tape the switch assembly's top insulator cardboard in place and install and solder the RF-shield back onto the logic PCB. Prepare the radio for bench power up.

Turn the radio on, the lamp should come on. After 7 to 10 seconds the lamp should go out. Check in a darkened room to insure that the lamp completely extinguishes. Depress the light switch on the keyboard. The lamp should immediately light, and stay lit for 7 to 10 seconds after it is released. Install all the remaining screws for the RF board, solder the antenna lead and ground connections, and replace the case back.

USAGE

The light feature is self explanatory, and quickly finds itself useful in darken conditions. As noted earlier an unfortunate side-effect of the lamp circuit design is that the lamp will illuminate for 7 to 10 seconds every time the scanner is first turned on. (Maybe this is a feature to some.) Switching between active banks requires a little more thought. The safest way of changing banks is to: Turn the scanner off, switch banks, and then turn the scanner back on. But sooner or later you will switch banks while the scanner is on. When this happens you will see a curious event. The radio's CPU will continue to scan from the previously selected banks, but the frequencies scanned will now be those from the on-line EEPROM. This makes sense, since the CPU has no knowledge that its memory resources have been changed. Pressing the Manual button, followed by the Scan button, will cause the CPU to reload the scan banks that were last saved in the currently selected EEPROMs. Also any monitor frequencies that were stored are recalled. This allows you to set up two different frequency configurations, one in each bank of EEPROM. To change between them on the fly, just flip the Keylock switch, press the manual button, followed by the scan button. The only time I can foresee there being a problem is if some how one were to flip the switch while the CPU was doing a write to EEPROMs. Keeping this in mind you should never have any problems.

There are a couple of 'gotch-ya' that can happen when switching memory banks without cycling power. The PRO-43 loads the list of all locked-out channels only when it is first powered up. (This makes sense if you think about it. While I don't know for a fact, I assume that the Lock-out information for each channel is stored together with that channel's frequency in the EEPROM. If the CPU didn't pre-load the list of locked out channels, it would have to constantly re-read each channel to determine its lock-out status.) The side-effect of this is that it can cause the radio to appear to be randomly locking and unlocking channels when switching memory on the fly. The only realistic solutions appear to be to either cycle power when you switch memory banks, or use Lock-outs very sparingly. The Priority channel assignment is also loaded only when power is first applied. This can make the radio start checking the wrong frequency when memory is switched and the priority feature is used. The best way around this problem seems to be to assign the same channel number to be the priority channel in each memory bank.

CONCLUSION

Performing the described modification will provide the owner

of an already excellent hand-held scanner, the convenience of a total of 400 channel memories and 20 monitor locations, doubling the factory capacity for under $40.00. It also provides a "fade away" LCD back-light with a 7 to 10 second delay. The bank switching nature of the design allows for the user to program two unique 'personalities' into the scanner selecting between them with the Keylock switch. The modification while complicated can be performed by any person with moderate to advanced electronics experience.

4018. Re: The one-issue election...

Newsgroup: rec.radio.scanner
Date: 1994-10-18 14:59:16 UTC
From: crisp@netcom.com
Message-ID: <crispCxvIyt.D96@netcom.com>
Source record: 267180
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <37vge8$hqa@news1.digex.net> domonkos@access.digex.net (domonkos) writes:
>In article <crispCxsB0u.Izz@netcom.com>, crisp@netcom.com (Richard Crisp) says:
>>
>>what the congresscritter Levin told his constituent. We either are being
>>lied to by our representatives or they are too stupid to know what they
> ^^
>>are doing. Either way their time is over as far as I am concerned.
>^^^^^^^^^^>
>
>They know EXACTLY what they are doing, they are assuming the general
>public is stupid...
>
>

Well deceit is good enough of a reason for me to vote the buggers out!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

4019. Re: Discussion of Cordless monitoring laws

Newsgroup: rec.radio.scanner
Date: 1994-10-18 15:06:33 UTC
From: crisp@netcom.com
Message-ID: <crispCxvJAy.FI7@netcom.com>
Source record: 267181

In article <37vcnh$4g6@jupiter.planet.net> billsohl@earth.planet.net (Bill Sohl Budd Lake) writes:
>: added an explicit proviso exempting cordless phone transmissions from
>: Title III's protections. Since then, however, a number of states
>: (Conn., NY, Calif.) have adopted new statutes (or readings of existing
>: ones) that extend protection to such communications.
>
>But, I don't know if those laws prohibit police monitoring or the
>submission of evidence so obtained.
>

I don;t know about the other states, but the California law
was specifically passed to prevent the police from using info
gained from listening t? cordless to build a case. The legislation
was a reaction (as is often the case in the knee-jerk, reactionist,
Democratic Peoples Republic of California) to a story that came out
in 1989 where it was reported that the IRS advised field agents to
use cordless derived information to help build tax cases against
cheats.

This really annoyed the statehouse commies in California, and on the
heels of the illegal assault weapon ban the enacted as a reaction
to the Patrick Purdy schoolyard massacre in Stockton, they just passed
another illegal intrusion into the rights of their citizens.

Of course in less than 3 weeks we can send a clear message to the
rights grabbing Democrats and Republicans (what few there are left
in government) that we will stand for this foolishness no
more. Of course if you want to vote for Fineswine or the rest
of her ilk (Liberal democrats which love to pass opressive legislation),
then we will get more of the same.

The choice is yours. We all get to wallow in the same mud.

--
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-Will Rogers

4020. Re: ELIMINATE ALT.RADIO.SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-10-18 15:09:16 UTC
From: crisp@netcom.com
Message-ID: <crispCxvJFG.GE8@netcom.com>
Source record: 267182

In article <jim-171094182903@jimsmac.ttech.com> jim@ttech.com (Jim Wayda) writes:
>Many newsgroups start out as an "ALT" group and then after gaining
>popularity are converted to a "REC" group. In all of the replies that I
>have received to my previous posting, it is indicated that the goals of
>both groups are identical. Therefore why waste the Internet bandwidth by
>posting to and reading from two newsgropus as many scanner hobbyists are
>currently doing?
>Many hobbyists posting to alt.radio.scanner may not be aware of the
>existance of rec.radio.scanner. We currently have enough problems with
>government attempting to regulate what we can monitor. Why not form a
>single Internet alliance of scanner hobbyists in one newsgroup
>(rec.radio.scanner)?
>

I read both groups and find the hackers with the interesting information are
on teh alt group, while the newbies with questions like "what is the difference
between a scanner and a TV" are on the rec group. Lets keep them separated.

--
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-Will Rogers

4021. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-18 15:12:01 UTC
From: crisp@netcom.com
Message-ID: <crispCxvJK1.H1o@netcom.com>
Source record: 267183

In article <jim-171094170503@jimsmac.ttech.com> jim@ttech.com (Jim Wayda) writes:
>I live in the Anaheim California area and recently purchased a copy of
>"Scan Fan". It contains alot of useful information about frequency useage
>in the Southern California area. This publication also states that many
>radio services (i.e. Orange County Sheriff and LAPD) are in the process of
>converting to an all digital modulation system. Does anyone know if
>companies that design scanners are going to provide digital modulation
>decoding in future products? Maybe it is not even possible to monitor
>digital communication? If it is not possible to monitor digital
>communication, the future for scanning could be very bleak.
>
>
>+-Jim
>
>jim@ttech.com

not only that, but the feds have made it illegal to have you receive
digital modulation. Furthermore since we will not be able to monitor the
police, they will be able to say what they please with no worry about
being monitored. Just think of the abuses they will commit! THE Rodney
King "gorillas in the mist" comment will seem tame in retrospect.
rdc

--
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-Will Rogers

4022. Re: HRPT Weather Pictures

Newsgroup: rec.radio.scanner
Date: 1994-10-18 15:14:53 UTC
From: crisp@netcom.com
Message-ID: <crispCxvJot.l4o@netcom.com>
Source record: 267184

In article <37tou7$lg4@aggedor.rmit.EDU.AU> t9456079@minyos.xx.rmit.EDU.AU (John Elliot) writes:
>
>Is there anyone on this net that has been involved in reception of
>HRPT pictures from the NOAA satellites (weather)?.
>After some technical advice.
>

Contact Norman Gillaspie of ISS/Pagesat. His email address is
norman@pagesat.net

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
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-Will Rogers

4023. Re: Radio Politics

Newsgroup: rec.radio.scanner
Date: 1994-10-18 15:17:38 UTC
From: crisp@netcom.com
Message-ID: <crispCxvJtF.IM6@netcom.com>
Source record: 267206

In article <9410170004591.DLITE.cremer@delphi.com> cremer@delphi.com (charlie cremer) writes:
>>Fine, but who are you going to vote for? If you vote either Democrat
>>or Republican, you are simply voting to continue with the status quo.
>>Maybe we should all consider voting for the Libertarian candidates.
>>However, I doubt if there are enough of us to make much of a difference.
>>The next best thing would be to vote all the incumbents out of office.
>>
>>Bill
>
>Even voting the incumbants out has problems. Doing so this November will
>make Ollie North the Senator from West Virginia. How do you guess Ollie
>feels about the public monitoring government activities?
>

Ollie North will make a fine senator. I suspect with his anti-government bent, he will have no problem at all with monitorint the government.

>I don't know what the answer is, but I reckon its a bit more complicated
>then "Throw the bums out!"
>

It is actually quite simple: if they screwed you in the past, they will in the future. Count on it. Just vote them all out.

Borrowing from Nancy Reagan, "Just Say NO to reelection"

--
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-Will Rogers

4024. Re: Bad Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-10-18 15:19:39 UTC
From: crisp@netcom.com
Message-ID: <crispCxvJwr.Iwo@netcom.com>
Source record: 267209

In article <37sh01$ct3@detroit.freenet.org> ad225@detroit.freenet.org (Gary Baumgarten) writes:
>
>I suggest that the best thing to do is to contact our
>representatives in Washington and express our concerns about
>any future legislation that might hinder our hobby.
>

Since I do not have $10million to donate to their re-election campaign, they do not care what I think.

>The kind of finger pointing at one party or another and name
>calling that we've seen on this thread is, if you stop
>and think about it, counterproductive, don't you think?
>

Damn productive to me if DiFi winds up in the unemployment line.

--
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-Will Rogers

4025. Re: Radio Politics

Newsgroup: rec.radio.scanner
Date: 1994-10-18 15:21:54 UTC
From: crisp@netcom.com
Message-ID: <crispCxvK0J.JBy@netcom.com>
Source record: 267210

In article <1994Oct16.073231.22639@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>wwhitby@aol.com (Wwhitby) writes:
>: Make your vote count!!
>
>Fine, but who are you going to vote for? If you vote either Democrat
>or Republican, you are simply voting to continue with the status quo.
>Maybe we should all consider voting for the Libertarian candidates.
>However, I doubt if there are enough of us to make much of a difference.
>The next best thing would be to vote all the incumbents out of office.
>
>Bill

being a pragmatist, I will vote for no Washington Incumbents. For me that '
means DiFi (Fineswine) and Eschoo will not get my votes. They both
screwed me with the illegal crime bill and now the digital telephony
bill and I simply cannot see any way that they will suddenly turn about
and undo all the harm they have inflicted ont eh US Bill Of Rights. So
out they go!

--
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-Will Rogers

4026. Pro-43 leather case?

Newsgroup: rec.radio.scanner
Date: 1994-10-18 15:45:26 UTC
From: pooledm@msmail.dun.nielsen.com
Message-ID: <1994Oct18.125048.925@Firewall.Nielsen.Com>
Source record: 267123

I know this was posted sometime back but I didn't
have a Pro-43 then and didn't save the info :(

Does anyone know of a manufacturer for a leather case
(or maybe vinyl) specifically to house the Pro-43 scanner?

Thanks,
Dave, N4XRO
pooledm@msmail.dun.nielsen.com

4027. Pro-2006 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-10-18 16:14:37 UTC
From: ceravolo@pegasus.montclair.edu
Message-ID: <ceravolo.782496877@pegasus.montclair.edu>
Source record: 266939

Now accepting offers for my Pro-2006 scanner. Unit is in
absolute perfect condition. Includes original box and
manual. Modified for cellular. New York/New Jersey buyers:
offer includes Scanner Master(big) and Police Call books.

Jim C.
E-MAIL: ceravolo@pegasus.montclair.edu

4028. Re: Scanners vs. Shortwave

Newsgroup: rec.radio.scanner
Date: 1994-10-18 16:14:56 UTC
From: copeland@metronet.com
Message-ID: <CxvMGx.LMF@metronet.com>
Source record: 267188

In article <37vl2l$mnm@tbm128.thomas.com>, <rpincus@thomas.com> wrote:
>Hi,
>
>For us Newbies, what are the differneces between scanners
>and shortwave radios?
>What can one do that the other can't? What are their advantages?

Generally SW radios go from 50Khz to 30Mhz.
Scanners go from 30Mhz to 1Ghz.

Scanners frequencies are to high to "skip" off the atmosphere, so pickup
is direct line of sight, limiting distance to 40 miles at best. You can
pickup airplanes, police, fire, FBI, ambulance, cordless phones,
cellular phones, taxi's, bus's, ...

SW radios work best at night when "skip" is best. You can here radio
stations on the other side of the earth. There are several countries
that have excellent news programs; Germany, Netherlands, Australia,
England, USA, Canada and many other small countries.

SW also carries weather faxes, news via RTTY, Hams from around the
world, hams transmit pictures via SSTV you can pickup.

Seems most people start with a scanner and a progression occurs.

scanner -> SW radio -> Ham rig -> 4 wheel drive vehicles -> assault weapons
-> amassing stock pile of ammo -> confrontation with federal authorities

David Koresh started out with a lowly PRO-34.

--

| copeland@metronet.com |

4029. Re: Scanners vs. Shortwave

Newsgroup: rec.radio.scanner
Date: 1994-10-18 16:25:56 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1994Oct18.162556.24244@news.csuohio.edu>
Source record: 267178

gdallal@world.std.com (Jerry Dallal) writes:
: RobertPincus wrote: : Hi,
:
: : For us Newbies, what are the differneces between scanners
: : and shortwave radios?
: : What can one do that the other can't? What are their advantages?
:
: The short answer is that shortwave listening is (mostly, there
: *are* exception) concerned with long range reception--often,
: international--of broadcast transmissions below 30 MHz (AM).
: Scanner enthusiast are (mostly, this is the short answer) concerned with
: the interception of short range point-to-point transmissions above 30MHz
: (mostly FM).

In addition, "scanning" refers to a way frequencies are tuned on
a radio, regardless of whether it's a shortwave radio, VHF, UHF,
or even microwave receiver. In fact, many shortwave radios
can act as scanners on the shorwave bands. Scanning, strictly
speaking, is a method of automatically and rapidly tuning through
some set of predefined frequencies, set up as channels. When
something is transmitting on a channel, the scanner stops, then
resumes after the transmission stops. Whereas, a common way
to tune a shortwave radio is either with a knob, or, with
up/down slewing buttons, or direct entry of the frequency.
And, yes, some scanners even allow you to tune the radio
with a knob, just like a shortwave radio (using what's
called the VCO), although less convenient.

But in general, yes, scanners as we mostly refer to them
receive generally from 30MHz to 2GHz depending on the model,
and shortwave (perhaps these days called "world band") radios
pick up stuff below 30MHz, down to about 100Khz, depending
on the model.

Mike
--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

4030. Disrespect for the laws (was Re: Bad Scanner Laws)

Newsgroup: rec.radio.scanner
Date: 1994-10-18 16:34:06 UTC
From: <>
Message-ID: <380tdu$gs9@wizard.uark.edu>
Source record: 267175

henniger@cisco.com (Mickey Henniger) writes:

>If a US senator wants to keep his job - he will.
>The only time a US senator does not get to keep his job is if he makes so
>many enemies in Washington, those in power there decide to throw him out.

Well, I don't know about the conspiracy stuff ... :-)

>This is the reason they act the way they do. If you had guaranteed job
>security, wouldn't you play the system as well?

Agreed. I used to be against term limits - I still think that the best
term limit is the ballot box. The 103rd Congress, among other things, has
caused me to change my opinion. Think of the money we'd save if we didn't
have to pay these waesels a pension!

Remember, too, if it weren't for the two-term-limit on the presidency,
we'd be half way through Reagan's fourth term!! (taxes would be
non-existant but the debt would be $8*10^12 instead of $4.5*10^12,
hundreds of invisible bombers would be flying around under the peace
shield ...)

Anyway, my point was that as CONgress passes more and more unenforceable
laws (i.e. cell- and cordless phone monitoring ban, etc, etc ad nauseum),
more and more people will lose respect for *all* law. This is the biggest
danger, IMHO, of these senseless laws, not the loss the immediate loss of
freedom. That's not to say the loss of **ANY** freedom is a trivial
matter! Just that the long term view is even more frightening ...

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

4031. Re: Icom IC-R1

Newsgroup: rec.radio.scanner
Date: 1994-10-18 16:41:04 UTC
From: hughem@netcom.com
Message-ID: <hughemCxvnoG.F44@netcom.com>
Source record: 267192

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:

:poor RF performance...

A big DITTO there! I have an R1. It is small and feature packed, but
the manual is a collection of useless icons, and apparently the scanner
doesnot *scan*. It only searches! How do I scan frequencies in memory?

The earphone is subordinate to the volume control and cuts-out the
internal speaker. The line-out is *also* subordinate to the volume control
but doesn't cut-out the internal speaker. Isn't that curious?

Has anyone else noticed that the Nicad internal battery has a shelf-life
of about 24 hours?

Could another R1 user give me a clue about scanning, I obviously don't
have one.

thanks
hughem@netcom.com

4032. Re: ELIMINATE ALT.RADIO.SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-10-18 17:51:01 UTC
From: pschleck@gonix.com
Message-ID: <pschleck.782502661@gonix>
Source record: 267186
Cross-posted to: rec.radio.scanner,alt.config,news.groups

In <jim-131094113523@jimsmac.ttech.com> jim@ttech.com (Jim Wayda) writes:

>Why not just have one newsgroup. Let's all band together and eliminate
>alt.radio.scanner. This can be done as follows:

>Post the following message to alt.radio.scanner and repeat the message many
>times on a daily basis:

>"If you are posting to alt.radio.scanner, please post to rec.radio.scanner
>so that we can eliminate alt.radio.scanner and have one scanner newsgroup.
>Thankyou for your cooperation."

Nope, all you will do is continue the viability of the newsgroup by maintaining message traffic on it. Many sites decide whether or not to carry a newsgroup by how long it's been idle (matter of fact, there is a regular posting to news.lists that identifies such moribound newsgroups) or on its estimated readership or measured message activity (another news.lists posting). In addition, many will disagree (for reasons ranging from an opinion that alt.* groups should never die, to silliness like a reactionary resistance to doing something because "someone told them to do it") and will defy your wishes purely out of spite.

The newsgroup alt.radio.scanner is not going to go away by turning it into an alt.radio.scanner.meta-flames.about.why.this.newsgroup.should.be. deleted. Just accept the fact that you're not going to get thousands of sites and users synchronized in any short period of time. The trend is towards moving from alt.radio.scanner to rec.radio.scanner, let's just quietly let it happen and it will happen more quickly with a minimum of fuss.

This does, however, teach a very strong lesson about taking the trouble in the future to go through a "Big-7" newsgroup creation process for a group that could potentially become quite mainstream, rather than go the easy way out by arbitrarily newgrouping an alt.* group (which has the potential to make messes like we're dealing with here now).

>I would appreciate replies and help from anyone and everyone. I am tired of
>reading two newsgroups for no valid reason!!

Then don't. Just unsubscribe from alt.radio.scanner, don't read anything on it and don't post anything on it. If enough people do that, the problem is all but solved.

--
Paul W. Schleck
pschleck@gonix.com

4033. Re: CORDLESS SCANNING OUTLAWED

Newsgroup: rec.radio.scanner
Date: 1994-10-18 18:11:05 UTC
From: rotnapple@aol.com
Message-ID: <38133p$7ib@newsbf01.news.aol.com>
Source record: 267185

In article <nPWdkK7gXzf1073yn@iglou.com>, davidm@iglou.com (David Michael Moore) writes:

Of course if you are in California, it is illegal to monitor Cordless as well as Cellular calls. The state passed a law specifically stating Cordless phone.

Greg

4034. Re: Maruhama RT-618

Newsgroup: rec.radio.scanner
Date: 1994-10-18 18:18:00 UTC
From: schuster@panix.com
Message-ID: <3813go$e6o@panix3.panix.com>
Source record: 267177

In article <782486336snz@javiaton.demon.co.uk>,
Jonathan Clough <Clough@javiaton.demon.co.uk> wrote:
>In article <37mf0n$pi7@panix3.panix.com>
> schuster@panix.com "Michael Schuster" writes:
>
>> In article <220945519wnr@phoenixs.co.uk>,
>> Gary Smith <gary@phoenixs.co.uk> wrote:
>> >I'm looking at getting a scanner and I saw an advert for the Maruhama
>> >RT-618. Does anyone know this scanner? Is it totaly cool or a waste
>> >of space. Please give me your 0.02 worth.
>>
>> JUNK. Stay away.
>>
>> You have been warned.
>>
>>
>
>SPOIL SPORT.....where's your sense of adventure gone....:-(

Geez, Jonathan .. as I remember it =you= were the one who was going to
toss it into the East River :-)

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4035. Re: WANTED: cheap scanner, yea right....

Newsgroup: rec.radio.scanner
Date: 1994-10-18 18:18:02 UTC
From: rotnapple@aol.com
Message-ID: <3813gq$7n2@newsbf01.news.aol.com>
Source record: 267187

In article <782427709snz@amiganet.demon.co.uk>, Alex@amiganet.demon.co.uk (Alex Wilkins) writes:

>WANTED: A cheap radio scanner. The type that can pick-up mobile phones >and fun stuff like that. Preferably hand-held

Want something for nothing, huh? Wouldn't we all!

When you say "Mobile Phones" which types of phone are you talking about? The "old" pre-cellular "Mobile Phones" in the VHF & UHF bands or new "Cellular Phones"?

You aren't going to find anything worth spending your money on, cheap. Generally scanners that have the capability to monitor the frequency ranges of Cellphones are even more expensive than scanners w/o the capability. Somebody I'm SURE will correct me if I'm wrong, but the high in frequency any receiver, tranceiver, transmitter is capable of the tighter the tolerances, quality of components must be higher to guard against drifting. etc. etc.

Greg

4036. Re: Icom IC-R1

Newsgroup: rec.radio.scanner
Date: 1994-10-18 18:21:53 UTC
From: schuster@panix.com
Message-ID: <3813o1$eep@panix3.panix.com>
Source record: 267179

In article <380k67INNitk@life.ai.mit.edu>,
Paolo Bevilacqua <nemo@gnu.ai.mit.edu> wrote:
>
>What is generally meant by poor RF perf. ? I can't figure by myself
>because I owned this scanner only.

1. Poor dynamic range (overloads) - that's why it's intentionally packaged
with a low-gain duckie.

2. Poor ultimate rejection due to reciprocal mixing of spurs from the CPU.
In plain English it means that you get internally-generated false signals
which interfere with scanning, searching, and identifying the true
frequency of a signal you stop on.

3. Poor adjacent channel selectivity due to substandard IF filters ...
chosen for tiny size and cost rather than performance.

Sets like the R-1 or Alinco DJ-X1 are excellent for covert listening and
travel, but I wouldn't want to rely on them as my primary rigs.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4037. Re: ICOM R-1

Newsgroup: rec.radio.scanner
Date: 1994-10-18 18:24:05 UTC
From: rotnapple@aol.com
Message-ID: <3813s5$7ov@newsbf01.news.aol.com>
Source record: 266940

In article <37uvng$246@newsbf01.news.aol.com>, wwhitby@aol.com (Wwhitby) writes:

>BTW, does anyone know how the sales of ICOM VHF/UHF receivers have >been since they gutted the entire 800 mHz band?

>Warren Whitby

Yes, I'd be interested also! They sure seem to have gutted the coverage.

I administer (?) a radio system of 250 - 900mhz SMR radios and repeaters the repeater out is 936 mhz, but the repeater in is 39mhz lower (yes 39 mhz, I don't know why such an odd number).

I would be nice to be able to monitor the input with a nice ICOM R7100. I've lost a little respect for ICOM. Doesn't matter, I've been looking at Yaesu Ham Radios, very nice gear!!!!!

Greg

4038. Hit List for November Elections

Newsgroup: rec.radio.scanner
Date: 1994-10-18 18:24:28 UTC
From: crisp@netcom.com
Message-ID: <crispCxvsGt.7MK@netcom.com>
Source record: 267218
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Here are a few for the Do not Reelect list:

California:

Senate: Dianne Feinstein

House: Anna Eschoo

North Carolina:

House:
4th District David Price

Texas:

House:

Henry Gonzales

While the response has not been overwhelming, It is important to know
who our enemies are on Capitol Hill. So if you have someone to add to the list,
please email to me or post it yourself.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

4039. What worth an Pro-2004?

Newsgroup: rec.radio.scanner
Date: 1994-10-18 18:58:40 UTC
From: aj860@FreeNet.Carleton.CA
Message-ID: <Cxvu1s.1zC@freenet.carleton.ca>
Source record: 267191

Hi!

I want to know the price of an used Pro-2004.
Someone want to sell it to me.
I just want to know of it's a good price!

Thank you very much,

Joel Bedard.

P.S. Can you send me the answers via E-Mail, Please? No to waste bandwith!

--
Joel Bedard Etudiant en informatique de gestion a l'UQAM.

Internet : aj860@Freenet.Carleton.Ca
Bitnet : bl108%Cleveland.Freenet.Edu@CUNYVM

4040. BC200XLT - Audio mod wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-18 19:48:30 UTC
From: "David A. Gurka" <PPULab@njc.org>
Message-ID: <3818qe$t50@tali.hsc.colorado.edu>
Source record: 266972

After a lengthy search of all the mod sites I could find, I am still unable to find the mod to increase the audio output of the BC200XLT. Could some kind person please point the way?

--
David A. Gurka phone: (303)398-1542 e-mail: PPULab@njc.org
Pulmonary Physiology Unit
National Jewish Center for Immunology and Respiratory Medicine
1400 Jackson Street, ☐Denver, Colorado 80206

4041. Re: Short PRO-43 Battery life?

Newsgroup: rec.radio.scanner
Date: 1994-10-18 19:49:35 UTC
From: jqtaylor@boi.hp.com
Message-ID: <CxvwEo.Jr7@boi.hp.com>
Source record: 267203

Bob Parnass, AJ9S (parnass@nwsf.ih.att.com) wrote:

: ...buying an extra battery holder is a good idea.

Has anyone ever tried soldering a 9V battery clip into the Pro 39/43 battery holder? How long would a regular alkaline 9V battery last? I thought of doing this just to reduce the weight of the scanner. There might even be room for an extra battery, two clips, and a switch!

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MDT = GMT - 6) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 230 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

haiti, rwanda, cuba, bosnia, ... we have a list,
where is our schindler?

4042. Re: HRPT Weather Pictures

Newsgroup: rec.radio.scanner
Date: 1994-10-18 20:50:46 UTC
From: mfilteau@netcom.com
Message-ID: <mfilteauCxvz8n.MH0@netcom.com>
Source record: 266979

>In article <37tou7$lg4@aggedor.rmit.EDU.AU> t9456079@minyos.xx.rmit.EDU.AU (John Elliot)
writes:
>>
>>Is there anyone on this net that has been involved in reception of
>>HRPT pictures from the NOAA satellites (weather)?.
>>After some technical advice.

email sysop@drig.com or info@drig.com
DRIG (Dallas Remote Imaging Group) specializes in weather satellite imaging
- WEFAX, APT, VAS, HRPT, PDUS, etc. Dr. Jeff Wallach is the sysop, Ed
Murashie has done a lot of ground breaking work at making HRPT & VAS
available inexpensively. These guys are tops.
--
Mark L. Filteau <mfilteau@netcom.com>
"I think we should adjourn now ... the country is safer when
we're not in session."
-Sen. Charles Grassley (R-IA), 7-Oct-1994

4043. Re: Scanners vs. Shortwave

Newsgroup: rec.radio.scanner
Date: 1994-10-18 21:03:10 UTC
From: richard.krum@msfc.nasa.gov
Message-ID: <381d6e$360@hammer.msfc.nasa.gov>
Source record: 266828

In article <CxvMGx.LMF@metronet.com>, copeland@metronet.com (Charles Copeland) says:
>
>In article <37vl2l$mnm@tbm128.thomas.com>, <rpincus@thomas.com> wrote:
>>Hi,
>>
>>For us Newbies, what are the differneces between scanners
>>and shortwave radios?
>>What can one do that the other can't? What are their advantages?
>
>Generally SW radios go from 50Khz to 30Mhz.
>Scanners go from 30Mhz to 1Ghz.
>
Good stuff deleted
>
>Seems most people start with a scanner and a progression occurs.
>
>scanner -> SW radio -> Ham rig -> 4 wheel drive vehicles -> assault weapons
>-> amassing stock pile of ammo -> confrontation with federal authorities
>
>David Koresh started out with a lowly PRO-34.
>

Lesse here:

Ham rig -> scanner -> 2 wheel drive Pickup -> SW radio.....Naw, not the same path.

Hm. I guess I'm safe for now. <grin>

--Rich, KE4GNK

****
Usual disclaimers for my casual, non-work-related opinions. I do not speak for
CSC or NASA, even on a good day. Your mileage may vary wildly, mine does!
richard.krum@msfc.nasa.gov 10003 Dunbarton Drive
Computer Sciences Corporation Huntsville, AL 35803
PO box 240005 Ham Radio: KE4GNK
Huntsville, AL 35824 147.240- or 146.520 simplex

4044. SAN DIEGO FREQS WANTED

Newsgroup: rec.radio.scanner
Date: 1994-10-18 21:27:46 UTC
From: lindaj@crash.cts.com
Message-ID: <Cxw0yC.J0u@crash.cts.com>
Source record: 267193

If anyone can give me Frequency numbers lfor San Diego county I would
appreciate it... Please e mail or post
Thnaks Linda

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~~ ~~
"Let's Dance!"
```

4045. AR1000XLT info needed....

Newsgroup: rec.radio.scanner
Date: 1994-10-18 21:48:52 UTC
From: terupe@waikato.ac.nz
Message-ID: <1994Oct19.104853.34388@waikato.ac.nz>
Source record: 267222

I have just recently acquired a AR1000XLT, scanner.
But it came with no manual, I know the basic operation of how to
program in limits and to search and scan, but is there anything
else that I am missing out???
I would be enternally gratefull if someone knew of a FAQ for this scanner
who even mail me a copy of the manual, I would repay services.

One other question:
Seeing that this scanner has such a huge range of coverage, would
different antennas be better for different frequencies????
I am interested in the Freq range from 8MHz - 500 MHz.

4046. Re: Strange reception experience?

Newsgroup: rec.radio.scanner
Date: 1994-10-18 21:54:56 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.782517296@vela.acs.oakland.edu>
Source record: 266978

I live about 30 miles outside Detroit,I listen in on the marine traffic on the lakes.On a clear night I usually pick up Buffalo NY C.G.,since the cool weather has set in I've heard:Cleveland Harbor C.G.,Toledo C.G. and just last night port operations from New Brunswick Canada!(thats to the north of Maine.)The thing I can't believe is most times I get both sides of the transmission.I was going to post and ask how this was possible but these replies answer that question.

NCS

4047. Re: Scanners vs. Shortwave

Newsgroup: rec.radio.scanner
Date: 1994-10-18 22:05:29 UTC
From: jqtaylor@boi.hp.com
Message-ID: <Cxw2p6.2uJ@boi.hp.com>
Source record: 266975

Richard M. Krum, KE4GNK (richard.krum@msfc.nasa.gov) wrote:
: copeland@metronet.com (Charles Copeland) says:

: >Seems most people start with a scanner and a progression occurs.
: >
: >scanner -> SW radio -> Ham rig -> 4 wheel drive vehicles -> assault weapons
: >-> amassing stock pile of ammo -> confrontation with federal authorities
: >
: >David Koresh started out with a lowly PRO-34.

: Lesse here:

: Ham rig -> scanner -> 2 wheel drive Pickup -> SW radio........
: Naw, not the same path.

or how about:

long hair maggot infested FM type -> MW -> SW -> Scanner
-> freq counter -> FBI trash bins -> jail

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MDT = GMT - 6) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 230 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

haiti, rwanda, cuba, bosnia, ... we have a list,
where is our schindler?

4048. Keystone Colorado Frequencies??

Newsgroup: rec.radio.scanner
Date: 1994-10-18 22:30:53 UTC
From: dplbran1@metronet.com
Message-ID: <Cxw3vI.1Kq@metronet.com>
Source record: 266825

[No readable article body recovered]

4049. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-18 22:59:10 UTC
From: wwhitby@aol.com
Message-ID: <381jvu$c9a@newsbf01.news.aol.com>
Source record: 267195

My town can only afford to pay its police officers a salary below the poverty line. Firemen are only slightly above. It is doubtful that they can afford to immediately purchase digital equipment when they don't even have the money to pay a good wage.

Big cities may go to digital as soon as they can. It will be a while before small towns will.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

4050. Got my mod-able Pro 43 yesterday!

Newsgroup: rec.radio.scanner
Date: 1994-10-18 23:03:29 UTC
From: pmb@netcom.com
Message-ID: <pmbCxw5Dt.Mp9@netcom.com>
Source record: 266788

I got a modifiable Pro 43 yesterday at the RS at the Stanford Shopping Center in Palo Alto. I got the last one. Sorry about that, everyone. The downtown Palo Alto store clerk told m they sold out their last (demo unit) modifiable Pro 43 about three weeks ago.

It's possible that other Bay Area stores still have modifiable units. I located mine by telephone calls. Whatever you might or might not say about RS salespeople, they understood why I wanted a non-A-serial number unit.

--
Phil Burton pmb@netcom.com
Palo Alto, CA

4051. RS-2021 for sale!

Newsgroup: rec.radio.scanner
Date: 1994-10-18 23:30:12 UTC
From: jamesb@clark.net
Message-ID: <381lq4$s67@clarknet.clark.net>
Source record: 267194

I have just bought an Pro-2035 so I a getting rid of my
Pro-2021 scanner

Description below:

Radio Shack Scanner: Pro 2021 $150 plus s/h

Realistic Pro-2021
VHF/UHF Direct Entry Programmable 200 Channel Scanner Radio

This programmable radio is in excellent condition, yes fully functional.

You'll have access to over 23,000 frequencies!

Features include:

o Ten 20-channel memory banks
o One 10-channel monitor bank for temporary storage and priority freqs
o Rapid transfer from Monitor to Permanent Memory
o Large multi-purpose LCD shows which channels and frequencies are being
scanned, monitored, programmed, as well as the status of the channel
and operation mode of the PRO-2021.
o Provides optional two-second delay to eliminate missed replies on
any channel.
o Holds memorized frequencies with internal 9-volt battery backup

o Covers 30-50 MHz (VHF Lo)
50-54 MHz (ham radio 6m)
108-136 MHz (aircraft)
138-144 MHz (government)
144-148 MHz (ham radio 2m)
148-174 MHz (VHF Hi)
380-450 MHz (ham radio and government)
450-470 MHz (UHF Lo)
470-512 MHz (UHF Hi)
o Built-in internal speaker
o External speaker jack
o BNC external antenna connector
o 120-volt AC operation with power cord
o 12-volt DC power jack for automobiles and RVs (negative ground)

Mobile mounting bracket can be purchased at your local Radio Shack store.

Includes owner's manual and telescopic antenna.

Price: $150 plus s/h

If interested just email to jamesb@clark.net or
you can call at (410)969-7676.
If not home just leave msg on machine and I will return your call.

--
James "Alex" Brooks
{The Lightwave Animator}

4052. Re: Strange reception experience?

Newsgroup: rec.radio.scanner
Date: 1994-10-19 00:40:07 UTC
From: smacken@aol.com
Message-ID: <381pt7$dsf@newsbf01.news.aol.com>
Source record: 267200

I may suggest as well that skip may have actually have been the source
although ducting is more likely.
However the aurora borialis was clearly visible during the evining hours
of Columbus day weekend.

So auroral skip may have been the culprit.

If the signals persisted for a long time (hours) then it may have been
the cause. Ducting seldom lasts for more than an hour.

Auroral skip persists as long as the aurora does.

In either case, Nice catch.

steve

4053. Appalachian Trail Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-19 01:09:23 UTC
From: mtaylor@FRICKA.DUCH.UDEL.EDU
Message-ID: <381rk3$i2i@louie.udel.edu>
Source record: 267202

I was hoping someone could supply me with a list of freqs for the Appalachain Trail. I figure there has to be special ranger/emergency responder/warning/patrol frequencies for the parks and trails along the Appalachian Mtns.

I am particularly interested in the PA/MD/VA portion, but the more the better. Thanks!
Mark

4054. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-19 01:17:00 UTC
From: tzs@u.washington.edu
Message-ID: <381s2c$p75@nntp1.u.washington.edu>
Source record: 267204
Cross-posted to: rec.radio.scanner,misc.legal,la.general,alt.2600

bill nelson <billn@hpcvaac.cv.hp.com> wrote:
>Bull. You are not tapping anything. There is no law against wearing a
>"wire", and recording your conversations - even if the other person is
>unaware. Of course, this does not apply to police who are gathering
>evidence - stricter rules apply.

One contemplating doing this should note that the law varies by state.
In Washington, for example, there are fairly strong privacy laws that
limit recording without consent of all parties.

--Tim Smith

4055. Re: Radio Shack sour grapes?

Newsgroup: rec.radio.scanner
Date: 1994-10-19 01:18:23 UTC
From: g9153402@huey.csun.edu
Message-ID: <381s4v$68b@nic-nac.CSU.net>
Source record: 267205

Richard Herndon (rherndon@ima.infomail.com) wrote:
> Hi Paul!

> On 08 Oct 94, Paul Nash illuminates speedily to All:

>PN> Oi.. A friend of mine bought a Radio Shack CB, and found that it was
>PN> defective a day after, so he took wrote down the SN and took it back..
>PN> About a week later, he convinced me to purchase the same model.. As it
>PN> turned out, 3 hours after I bought my scanner, it crapped out.. I called
>PN> him up, and he read off the SN.. It turns out Radio Shack just threw the
>PN> scanner back in the box, and put it on the shelf.. Grrrr, another wasted
>PN> trip was made out to RS... After confronting the manager, they said that
>PN> they were really sorry, and that the cb was supposed to be shipped back
>PN> for repairs.... Ahh well.. Everything I ever bought from Radio Shack
PN> crapped out within 2 weeks.... Paul

Sorry to quote your whole message, Paul, but I was confused by it. You say at
one point your friend bought a CB. Later, you buy a scanner, but it turns out
to be the CB your friend bought. The radio shack guy threw a scanner back into
> the box (he also was confused, evidently). But in the end they were sure it
> was the CB that was to be sent out for repairs. When you get this story
> straight and/or quit smoking those funny cigarettes, let us know what really
> happened. :) Maybe the reason your equipment "craps out within 2 weeks" is
> that you forget what it was really supposed to do. :)
> Best wishes from Richard

After reading his post, I figured out what happened. His friend buys a
CB, and after using it for a while it somehow turns into a scanner. He
returns it to Radio Shack for another CB. The Radio Shack sales person
looks at the scanner, and it seems O.K., so he sells it to Paul. After
Paul buys his expensive $350 scanner, he uses it for three hours, and
then it turns back into a cheap, $50 CB radio. This is very simple, and
can happen to anybody, as you can see. All it requires is some knowledge
of the basic laws of physics. Heck, it happened to me last week. I
bought a new Mercedes Benz, and parked it in the garage for the night.
I opened the garage the next morning, and saw the whole thing turned into
a Hyundai. I'm now having a hell of a time trying to return the car to the
dealer, and I just can't figure out why.

4056. Re: Pro-43 leather case?

Newsgroup: rec.radio.scanner
Date: 1994-10-19 01:24:02 UTC
From: "Gregory yea... you can call me Greg" <gregmason@delphi.com>
Message-ID: <JI-2ySi.gregmason@delphi.com>
Source record: 267199

Scanner cases? I got mine direct from the manufacturer. I've been happy with it. NOthing fancy 1/8 neoprene, and heavy nylon... nylon strap closes with velcro across the top of the case. I believe that i paid 18 dollars little over a year ago. There are no cutouts for the keypad or speaker, but this hasnt been a problem for me. You can reach the manufacturer at 800.727.6824 i think that its 1.800.72-POUCH. It might be good for you to know the approximate dimensions of the scanner you want to fit, as this guy doesnt make his product specifically for the scanner market. He does however know how to fit the major models

Good luck
---Greg

4057. Ham visits Tucson, Arizona

Newsgroup: rec.radio.scanner
Date: 1994-10-19 03:46:10 UTC
From: msattler@jungle.com
Message-ID: <3824q2$png@satisfied.elf.com>
Source record: 267221
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

Fellow hams and scanner enthusiasts:

I'll be visiting Tucson, Arizona tomorrow evening through Sunday.
Although we're flying into Pheonix and renting a car, I'm guessing I'll
be trolling the airways with my TH-78a until we're on the road. Any
suggestions for frequencies, repeaters, ham shops, etc?

73s, KE6DZF

_/_/_/

4058. Re: Wanted: Reno, NV Public Safety Freqs

Newsgroup: rec.radio.scanner
Date: 1994-10-19 04:33:34 UTC
From: DPalmer@ix.netcom.com
Message-ID: <3827iu$ior@ixnews1.ix.netcom.com>
Source record: 266995

In <2991530643.3.wk03268@worldlink.com> "Ivan Landis" <wk03268@worldlink.com> writes:

>
>Taking a short trip to Reno on Saturday; would love to have the local
>public safety freqs to plug into my handheld. Anybody have a list?
>
>

Well, it's got Tahoe mixed in...

39.3400 NEVADA COUNTY SHERIFF DISPATCH TRUCKEE
39.6800 PLACER COUNTY SHERIFF PRIMARY TAHOE CITY
42.5000 NEVADA HIGHWAY PATROL-F2 CAR TO CAR
42.5600 NEVADA HIGHWAY PATROL-F7 UNIT TO UNIT
42.5800 NEVADA GAMING CONTROL
42.5000 NEVADA HIGHWAY PATROL-F6 SHARED LAW ENFORCEMENT
42.7000 NEVADA HIGHWAY PATROL-F3 CAR TO CAR
42.7400 NEVADA HIGHWAY PATROL-F5
42.7800 NEVADA HIGHWAY PATROL, RURAL PAIRED W/ 42.94
42.8000 NEVADA HIGHWAY PATROL-F8 AIRCRAFT
42.8800 NEVADA HIGHWAY PATROL-F4 RENO
42.9400 NEVADA HIGHWAY PATROL-F1 RURAL PAIRED W/ 42.78
45.1000 EL DORADO COUNTY SHERIFF SECONDARY LAKE TAHOE
45.3000 EL DORADO COUNTY SHERIFF PRIMARY LAKE TAHOE
46.3600 NEVADA COUNTY FIRE TRUCKE FPD
117.9000 CANNON ATIS
118.1000 STEAD-RENO AIR RACES AIR TO AIR
118.4000 SOUTH TAHOE TOWER
118.5000 STEAD-RENO AIR RACES RACE CONTROL
118.7000 CANNON TOWER
119.2000 CANNON APPROACH DEPARTURE WEST
120.8000 CANNON APPROACH/DEPARTURE EAST
121.9000 CANNON GROUND
121.9000 SOUTH TAHOE GROUND
122.2000 CANNON FSS
122.3500 CANNON FSS
122.5000 CANNON FSS
122.8000 STEAD UNICOM
122.9500 CANNON ATIS
123.1000 CIVIL AIR PATROL
124.9000 CANNON CLEARANCE DELIVERY
125.8000 CANNON ATIS
126.3000 CANNON APPROACH/DEPARTURE NORTH
126.3000 STEAD APPROACH/DEPARTURE
127.9500 SOUTH TAHOE APP/DEPR OAKLAND CTR-W

128.8000 CANNON-OAKLAND CENTER
128.8000 SOUTH TAHOE APP/DPRT OAKLAND CTR-E
134.4500 CANNON-OAKLAND CENTER
151.3400 NEVADA STATE PARKS
151.4750 NEVADA DIV OF WILDLIFE
151.6250 RENO AIR RACES RAMP CONTROL
151.7500 RENO AIR RACES
151.7750 EL DORADO CASINO RENO
151.8050 HARRAH'S RENO
151.9250 RENO AIR RACES PYLONS
152.3600 RENO AIR RACES
153.9500 S. TAHOE FIRE, DISPATCH
154.0100 PLACER COUNTY FIRE FIREGROUND
154.1150 SPARKS POLICE
154.1450 CARSON CITY FIRE
154.1750 CARSON CITY FIRE
154.2350 N. TAHOE FIRE DISPATCH
154.2650 FIRE CHIEF NET
154.2800 FIRE CHIEF NET
154.2800 S.TAHOE FIRE, SECONDARY WHITE
154.2950 FIRE CHIEF NET
154.3400 EL DORADO COUNTY FIRE
154.4000 PLACER COUNTY FIRE DISAPATCH
154.4300 CARSON CITY FIRE, PRIMARY
154.5150 RAMADA INN RENO
154.5400 SANDS MOTOR INN RENO
154.5700 FITZGERALD'S RENO
154.6250 CARDA HOTELS RENO
154.6250 RAMADA INN RENO
154.6500 S. TAHOE POLICE, SECONDARY
154.7250 WASHOE COUNTY SHERIFF
154.7400 DOUGLAS COUNTY SHERIFF DISPATCH LAKE TAHOE
154.8450 EL DORADO COUNTY SHERIFF EXTENDERS
154.8900 DOUGLAS COUNTY SHERIFF EAST
154.9200 S. TAHOE POLICE, CLEMARS
154.9500 WASHOE COUNTY SHERIFF
155.0100 WASHOE COUNTY SHERIFF DETECTIVE BLUE
155.0250 DOUGLAS COUNTY FIRE
155.1300 SPARKS POLICE DISPATCH
155.1450 NEVADA EMS, RURAL MEDICAL
155.1750 PLACER COUNTY SHERIFF EXTENDERS TAHOE CITY
155.2050 SEARCH & RESCUE TEAMS RENO
155.3100 WASHOE COUNTY SHERIFF DISPATCH, TAHOE
155.3700 WASHOE COUNTY DA
155.4300 JUVINILE AUTHORITIES RENO
155.5200 CARSON CITY SHERIFF
155.5200 WASHOE COUNTY SHERRIF DISPATCH,RENO GREEN
155.5350 CARSON CITY SHERIFF
155.6850 CARSON CITY SHERIFF
155.8500 SPARKS POLICE, CAR TO CAR

155.9400 RENO LOCAL GVT
155.9700 CARSON CITY SHERIFF DISPATCH
155.9850 WASHOE COUNTY SHERIFF, CAR TO CAR WHITE
156.0300 S. TAHOE POLICE DISPATCH
158.7450 TRUCKEE MEADOWS FIRE DISPATCH
158.7750 SPARKS FIRE
158.8950 NEVADA DIV OF FORESTRY PRIMARY
158.9400 TRUCKEE MEADOWS FIRE SOUTH NET
158.9950 NEVADA DIV OF FORESTRY
159.2700 NEVAD DI OF FORESTRY TACTICAL
159.3450 NEVAD DIV OF FORESTRY TACTICAL "RED"
159.8800 TRUCKEE MEADOWS FIRE NORTH NET
171.5750 USFS LAKE TAHOE BASIN MGMT
172.3750 USFS LAKE TAHOE BASIN MGMT
453.0500 RENO FIRE, FIREGROUND
453.1000 WASHOE COUNTY GVT
453.2500 RENO FIRE
453.3000 NEVADA GAMING CONTROL
453.3500 RENO POLICE, AIRPORT
453.4000 RENO POLICE, DETECTIVES BROWN
453.4500 RENO FIRE, AIRPORT
453.5000 RENO AIRPORT POLICE
453.5500 RENO POLICE STAKEOUT
453.5750 RENO POLICE-CAR TO CAR WHITE
453.6000 RENO POLICE, RECORDS-INVESTIGATION BLUE
453.6500 RENO POLICE DISPATCH, NORTH-DOWNTOWN GREEN
453.7000 RENO POLICE, DISPATCH-SOUTH YELLOW
453.7500 RENO FIRE, PRIMARY
453.8125 RENO AIRPORT OPERATIONS
460.0500 WASHOE COUNTY JAIL
460.0750 RENO POLICE, TACTICAL BLACK
460.2000 WAQSHOE COUNTY SHERIFF STAKEOUT
460.2125 EL DORADO COUNTY SHERIFF
460.6375 N. TAHOE FIRE
461.1250 CIRCUS CIRCUS RENO
461.2250 BALLY'S RENO
461.3000 PLAZA HOTEL RENO
461.3250 PEPPERMILL INN RENO
461.7000 HILTON RENO
461.8500 HILTON RENO
461.8500 SAHARA RENO
461.9000 CIRCUS CIRCUS RENO
461.9250 BALLY'S RENO
462.1750 COMSTOCK RENO
462.7500 EL DORADO RENO
462.7750 HILTON RENO
462.8000 HOLIDAY INN RENO
462.8250 BALLY'S RENO
462.8750 HAROLD'S CLUB RENO
462.9500 MT PLUTO MED 9

462.9750 REMSA/CAREFLIGHT DISPATCH MED 10
463.1250 MT PLUTO-NORTH TAHOE MED 6
463.1500 HORIZON HOTEL-SOUTH TAHOE MED 7
463.1750 RENO SCOUT PEAK MED 8
463.2500 CIRCUS CIRCUS RENO
463.2500 HARVEY'S RENO
463.3000 CIRCUS CIRCUS RENO
463.5750 CIRCUS CIRCUS RENO
463.6750 CASINO SERVICES RENO
463.7000 RENO HOUSING AUTHORITY
463.7250 CHEERS HOTEL RENO
463.8250 EL DORADO RENO
463.9250 HARRAH'S RENO
463.9750 PIONEER RENO
464.0500 RENO SPA
464.1250 SUNDOWNER RENO
464.2000 FITZGERALD'S RENO
464.3750 HOLIDAY INN RENO
464.5250 PEPPERMILL INN RENO
464.5750 BALLY'S RENO
464.6250 HILTON RENO
464.8500 EL DORADO RENO
464.8500 SAHARA RENO
464.8750 HARRAH'S RENO
464.9250 ONSLOW HOTEL RENO
855.8125 HORSESHOE RENO
857.9125 DOLD DUST INN RENO
859.9125 BALLY'S RENO
859.9375 CALIF STATE PARKS LAKE TAHOE

--

_____
David Palmer DPalmer@ix.netcom.com
Who Stole My Screwdrivers?

4059. Re: Freq trap needed

Newsgroup: rec.radio.scanner
Date: 1994-10-19 06:06:25 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <382d11$ih7@freenet3.scri.fsu.edu>
Source record: 267224

Dan Schein (dans@rehab1.UUCP) wrote:

: The local county police dispatch frequency causes my RS 2006 to lock
: on our local fire district F3 frequency. Of course I can reach around
: the back and flip the switch to 10db - but as you know this affects the
: signals I hear.
: So what im looking for is plans to make a trap (maybe out of coax?).
: The best result would be to reduce the signal of one frequency just
: enough to remove the problem (then I could still monitor when needed).
: But if the only solution is to remove this frequency thats fine. I do
: happen to have a few other scanners around ;-)

: -Dan
: --
A cheap way that might work if you're using a TV/FM antenna (mounted
horizontially) is to turn the antenna so that the null (area of low gain)
is pointed at whoever is causing interferance.
...chuck...KE4QPU...

4060. Re: Where can I get a fixed r\angle bnc connector?

Newsgroup: rec.radio.scanner
Date: 1994-10-19 06:10:02 UTC
From: scan911@aol.com
Message-ID: <382d7q$jtt@newsbf01.news.aol.com>
Source record: 267223

In article <374c4f$11n4@tequesta.gate.net>, habu@gate.net (Michael Fink)
writes:

>Anyone know where I can find a right angle Bnc connector that
>does not flop around left to right. Does anyone have any ideas
>on how to fix one short of wrapping electrical tape around the
>damn thing?

Radio Shack sells 'em. Great for sticking those ducks out to the side.

Chuck
scan911@aol.com

4061. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-19 06:17:49 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct19.061749.13635@hpcvaac.cv.hp.com>
Source record: 266993

zlau@arrl.org (Zack Lau (KH6CP)) writes:
: bill nelson (billn@hpcvaac.cv.hp.com) wrote:
: : No way. They are under 1 watt - with a horn antenna that amplifies the
: : signal (by making it much more directive) by about 100 times. I seem to
: : recall that they were around 100 mw - which would mean the effective
: : radiated power would be about 10 watts - at the mouth of the horn.
:
: This isn't right. The mouth of the horn is too close for the
: gain to fully develop--you are still in the near field region.
: Otherwise, you could run into the paradox of two horn antennas
: being close together, and getting more energy out of the
: antennas than you put in.

The point was, that would be the erp. The actual power is still
100 mw. Whether the erp is developed at the mouth of the horn, or
500 feet away is immaterial to the argument.

: One of the curious things about really big dishes is that you
: can reduce the field strength away from the dish by making it
: bigger! Imagine a huge dish 1 mile across, perfectly built.
: You will get a tremendous amount of gain at X band, but you
: have to go so far away to see it that the field strenth isn't
: really that strong. Not surprisingly, you can stand anywhere on
: the surface of the dish and the field will be pretty weak.
:
: Where is the most dangerous spot on the big dish?
:
: At the feed--but the feed is really a little antenna without
: much gain. Thus, you should really worry about stuff like
: open waveguide and tiny antennas more than big horns or dishes
: at microwaves.

Or, anywhere close to the horn - between it and the dish.

Bill

4062. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-19 06:18:39 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct19.061839.13700@hpcvaac.cv.hp.com>
Source record: 266829
Cross-posted to: rec.radio.scanner,misc.legal,la.general,alt.2600

tzs@u.washington.edu (Tim Smith) writes:
: bill nelson <billn@hpcvaac.cv.hp.com> wrote:
: >Bull. You are not tapping anything. There is no law against wearing a
: >"wire", and recording your conversations - even if the other person is
: >unaware. Of course, this does not apply to police who are gathering
: >evidence - stricter rules apply.
:
: One contemplating doing this should note that the law varies by state.
: In Washington, for example, there are fairly strong privacy laws that
: limit recording without consent of all parties.

This applies to telephone conversations, I am not sure about tape recordings.

Bill

4063. Re: Radio Politics

Newsgroup: rec.radio.scanner
Date: 1994-10-19 06:23:27 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct19.062327.13787@hpcvaac.cv.hp.com>
Source record: 266994

crisp@netcom.com (Richard Crisp) writes:
: >Even voting the incumbants out has problems. Doing so this November will
: >make Ollie North the Senator from West Virginia. How do you guess Ollie
: >feels about the public monitoring government activities?
:
: Ollie North will make a fine senator. I suspect with his anti-government
: bent, he will have no problem at all with monitorint the government.

He has an anti-government bent? Mr "God, Mother and Apple Pie - no matter
if it is illegal"?

Sheesh!

: >I don't know what the answer is, but I reckon its a bit more complicated
: >then "Throw the bums out!"
:
: It is actually quite simple: if they screwed you in the past, they will
: in the future. Count on it. Just vote them all out.

And, so will most of those who you vote in. We need at least a strong
three party system in this country - not two "good old boy" clubs.

Bill

4064. WTB: Plectron Monitor or Minitor II Pager

Newsgroup: rec.radio.scanner
Date: 1994-10-19 06:36:08 UTC
From: scan911@aol.com
Message-ID: <382eoo$k89@newsbf01.news.aol.com>
Source record: 266976

I also am looking to buy older VHF high band or UHF Plectron-type receivers to be used as single-channel monitors. I don't care if they decode tones anymore as long as the receivers work well. I'll buy up to 20 years old if they are in good condition.

E-mail me at:

scan911@aol.com

Thanks,
Chuck

4065. Re: Appalachian Trail Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-19 06:38:06 UTC
From: scan911@aol.com
Message-ID: <382ese$k9i@newsbf01.news.aol.com>
Source record: 266977

For the Appalachian Trail, you may want to contact the Appalachian Trail Club, which operates some radio systems along the route. For instance, I think they use 463.950 off Mount Washington in New Hampshire and other nearby areas.

Chuck
scan911@aol.com

4066. San Jose Area Man busted for Cell phone cloning

Newsgroup: rec.radio.scanner
Date: 1994-10-19 06:51:29 UTC
From: crisp@netcom.com
Message-ID: <crispCxwr1t.2zp@netcom.com>
Source record: 266996
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

I just heard a report on CNN about a guy in San Jose, Ca that was busted today for cloning cell phones. According to the report, the man used a computer controlled scanner to intercept data and stored it in computer chips (geez what a horribly un-technical explanation designed to be digested by the average 70year old or 3rd grader).

So there we have it guys, the radio equivalent of Patrick Purdy massacring children with an AK47 in a schoolyard in Stockton.

Now how sympathetic do we think one of those scumbag politicians will be when we try to explain that they need to repeal the provisions in the digital telephony bill prohibiting the illegal combination of computers, software and radios? Especially when we get to the part that all of the crimes this guy committed were crimes without the new digital telephony bill. Hell I will lay better than even odds he was indicted without using the new provisions of the DT bill!

Score one for darkness today!
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

4067. Re:WTB:Radar Gun (Bill Nelson)

Newsgroup: rec.radio.scanner
Date: 1994-10-19 07:06:36 UTC
From: scott@hp8c.nrl.navy.mil
Message-ID: <scott.43.00071C5F@hp8c.nrl.navy.mil>
Source record: 266860

Hey Bill,

I hate to break your bubble about radar jammers being illegal, they are not!
If you check the FCC rules, you can tx <5 watt's and be legal. Reading last
months Car Stereo, I think that's the name, they reviewed a radar jammer. It's
a combo detector/jammer. The detector sample's incoming RF, shifts the freq.,
and retransmit's it at less than 5 watts. Therefore no restrictions.
Although I believe it would still be illegal in Va., due to it being a radar
detector.
If you have any question's about it, I'll try to dig it up and fax you a copy
of the article.

Scott

4068. Yupiteru VT-225 LCD Backlight ON-OFF-ON-OFF...weird!

Newsgroup: rec.radio.scanner
Date: 1994-10-19 07:19:52 UTC
From: yc23@gec-mrc.co.uk
Message-ID: <5567@gec-mrc.co.uk>
Source record: 267004

The LCD backlight on my 225 operates in a very strange way and I wondered if any other users had seen this effect - maybe it's intentional for some reason.

Press the backlight button and keep it pressed and the light stays on for about 3 seconds - off for a second - on for 3, off, on for 3 etc...

However - sometimes it stays on for as long as you keep the button pressed - with subsequent presses giving the 3/1/3/1 behaviour.

It's already been back to my local UK distributor who fixed another small problem and either couldn't see any backlight problem or reckon this is normal.

Have you seen this effect? - it doesn't seem to be a problem with the button itself.

Thanks
--
Trevor Wright,Computer Resources | Tel: +44 245 473331 x 3224 + Answerphone
GEC-Marconi Research Centre | Fax: +44 245 475244 or 478639
GEC-Marconi Ltd, Great Baddow | uucp: <world>!uknet!gec-mrc!wright
Chelmsford,Essex. UK CM2 8HN | Other: wright@gec-mrc.co.uk

4069. Re: Appalachian Trail Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-19 12:00:03 UTC
From: mulligan@ACM.ORG
Message-ID: <3831o3$oav@hopper.acm.org>
Source record: 266899

> ... a list of freqs for the Appalachain Trail.

The AT is maintained by volunteer clubs and individuals, coordinated thru
the Appalachian Trail Conference
Washington & Jackson Streets
P.O. Box 807
Harpers Ferry, WV 25425-0807
(304) 535-6331
One of the maintaining groups is the Appalachian Mountain Club (AMC), which is responsible for 118 miles in Maine & New Hampshire. The PA/MD/VA areas would fall under the Keystone Trails Assoc, the Potomac Appalachian Trail Club, the Tennessee Eastman Hiking Club, and 9 smaller groups.

While the National Park Service and the U.S. Forest Service (and their state equivilents) would have radio frequencies in use in areas crossed by the AT, usage would be light at best. Most people in these services signed up to get away from just that sort of thing <g>.

Given that AT hikers have been known to strip the cover off a book of matches to save weight, carrying a scanner on the trail may not be the best idea. I'm afraid my two favorite recreations have diametrically opposed philosophies.

/* barry /&

4070. Pro46 audio

Newsgroup: rec.radio.scanner
Date: 1994-10-19 12:27:00 UTC
From: mike.moffit@totembbs.com
Message-ID: <941021142331474@totembbs.com>
Source record: 266619

Path: holonet!colossus.holonet.net!agate!howland.reston.ans.net!pipex!uunet!
To: allan@vicorp.com (Allan Krantz)
Newsgroups: rec.radio.scanner

AK> I bought my mom a Pro46 last Christmas. She called last night to tell
>me that the audio is dead. She can only hear it at a normal volume
>if she turns up the volume all the way.
> I would like to know if this is a common problem and if it is easy to fix.
>Mom is afraid that if she takes it in for repair it might come back
>not being able to pick up some of the frequencies it can now.
> We know it's not the speaker, she uses an external speaker. Both the
>internal an external speaker can't be heard.
> Please help, if I don't get this fixed for her soon she may
>go back to watching TV.
> thanks.

Go ahead and send it into RS Repair...specify on the repair slip to
check the audio section only...those guys are busy enough fixing the
stuff they are asked to fix without getting into extra things to do...

 SLMR 2.1a My reality check just bounced.

4071. Re: ELIMINATE ALT.RADIO.SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-10-19 12:37:04 UTC
From: robert1159@aol.com
Message-ID: <3833tg$obg@newsbf01.news.aol.com>
Source record: 266800

In article <pschleck.782502661@gonix>, pschleck@gonix.com (Paul W Schleck KD3FU) writes:

I'm on America Online and cannot even find Alt.radio.scanner now yall have me all curious wondering what's in there.

4072. Re: Service For Sick PRO-

Newsgroup: rec.radio.scanner
Date: 1994-10-19 12:38:00 UTC
From: mike.moffit@totembbs.com
Message-ID: <941021142331475@totembbs.com>
Source record: 266615

Newsgroups: rec.radio.scanner
Path: holonet!colossus.holonet.net!news.sprintlink.net!howland.reston.ans.ne
To: sbradley@sgb.oau.org (Steven Bradley)

SB>You may scream ETHICS, DISHONEST, THEFT, etc... But think of what Radio
>Shack did to US, the SCANNER ENTHUSIASTS!

SB>They did NOTHING to stop the laws (we all regularly IGNORE) about
cellular >monitoring. They are in bed with the FCC and will rollover
like a dog on >command. They have refused to seek legal counsel and
make an incident out >of this, and I THOUGHT they were a large
corporation. I was obviously >WRONG.

Hey, guy...you have 2 senators and a representative. You have a
computer and, I assume, a printer. If you're going to scream at RS for
your lack of action, then you better start screaming at Uniden, AOR, and
everyone else who caved in.

SB>So let them get stiffed with the junk. The above should fix any out of
>warranty problem for free and they OWE us for their obedience to the FCC.

Try again, Steve. RS owes you one year on a scanner, 5 years if you buy
the extended warranty. They also owe you nothing if you fry your
scanner making mods on it. And, BTW, please, PLEASE try to do what you
outlined above in my store...we've had people return their old stuff in
new cases/boxes. Sometimes it's not even RS brand. They usually feel
good about ripping off a large corporation for a few days, until the
police show up on their doorstep with a retail fraud warrant (If the
return was over $200.00, it's felony retail fraud). They have to hire a
lawyer, go to court, and a couple have done time in the county lock-up.

 SLMR 2.1a --T-A+G-L-I+N-E--+M-E-A+S-U-R+I-N-G+--G-A+U-G-E--

4073. Re: Looking for Scanner Club in AUSTIN, TX area

Newsgroup: rec.radio.scanner
Date: 1994-10-19 12:40:02 UTC
From: robert1159@aol.com
Message-ID: <383432$oc8@newsbf01.news.aol.com>
Source record: 266798

In article <gregm-1510942356450001@slip-5-3.ots.utexas.edu>,
gregm@ccwf.cc.utexas.edu (Greg Middleton) writes:

For info about listening in Austin TEXAS call me .. at 218-9375.
I have all the answers!

4074. Freq: York & North Yorkshire in the UK

Newsgroup: rec.radio.scanner
Date: 1994-10-19 12:40:25 UTC
From: gary@phoenixs.co.uk
Message-ID: <284721154wnr@phoenixs.co.uk>
Source record: 266799

Does anyone know of any of these freq's in the York, North Yorkshire
Area?

Police base stations, car mobile units and officers radios.
Fire department base stations and mobile units.
Leeds/Bradford airport air traffic control etc.

Is there in fact anyone reading this in this area? Maybe not!

Cheers

Gary
-=-

Gary Smith | Phoenix Software
Technical Support Engineer | Tel 0759 304885
gary@phoenixs.co.uk | Fax 0759 304341

4075. Re: Hit List for November Elections

Newsgroup: rec.radio.scanner
Date: 1994-10-19 12:55:29 UTC
From: coan@netcom.com
Message-ID: <coanCxx7wH.1CK@netcom.com>
Source record: 266810
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

I would like to know why David Price from North Carolina is on your hit list? This doesn't seem right, he came and spoke to the local Raleigh ham radio club just last month and was knowledgable and supportive of radio hobbyists. In fact, the ARRL lists him as one of the good guys who supports ham radio! I live in Raleigh, and am Assistant Section Manager for NC and think Price would be much better than his opponent. His opponent is the former chief of police in Raleigh, and my guess is (and this is only a guess) that from his background he would prefer that scanners and such be taken away so you cannot listen in on the police.

So, where did you get your information!?

4076. WSJ article on President of Tandy

Newsgroup: rec.radio.scanner
Date: 1994-10-19 13:14:14 UTC
From: tbohr1@ed8751.pto.ford.com
Message-ID: <383636$3gl@ef2007.efhd.ford.com>
Source record: 266733

just an FYI:

Tuesday's Wall Street Journal has a front page article on the president of Tandy (Radio Shacks parent corp) and Tandy's "re-birth" of the last year or so. Describes in detail successes and failures of Tandy corp since the current president took over in 1980.

4077. Re: CELL FREQUENCIES #S

Newsgroup: rec.radio.scanner
Date: 1994-10-19 13:28:54 UTC
From: Carl.Moore@scarolina.edu
Message-ID: <Carl.Moore.25.000D7BB2@scarolina.edu>
Source record: 267000

In article <eliopoulos-1910941102450001@macangelo.tntn.gtegsc.com>
eliopoulos@gtec3.ndhm.gtegsc.com (Angelo Eliopoulos) writes:
>From: eliopoulos@gtec3.ndhm.gtegsc.com (Angelo Eliopoulos)
>Subject: CELL FREQUENCIES #S
>Date: Wed, 19 Oct 1994 11:02:45 -0500

>DOES ANYONE HAVE THE FREQUENCIES NUMBERS FOR CELL FHONES???

What?! You can pick up Cell phones on a scanner? What will they think of
next?

...oh boy.

The author of this blasphemy: Carl.Moore@scarolina.edu

My opinions are not necessarily those of my employer...
I'm sure they're relieved about that.

"...Dammit, Jim, I'm an Actor, not a Doctor..."

4078. Re: Strange reception experience?

Newsgroup: rec.radio.scanner
Date: 1994-10-19 13:39:03 UTC
From: jwierzbicki@melpar.esys.com
Message-ID: <Cxx9x4.1p2@melpar.esys.com>
Source record: 266987

```
|> I live about 30 miles outside Detroit,I listen in on the marine traffic
|> on the lakes.On a clear night I usually pick up Buffalo NY C.G.,since
|> the cool weather has set in I've heard:Cleveland Harbor C.G.,Toledo C.G.
|> and just last night port operations from New Brunswick Canada!(thats to
|> the north of Maine.)The thing I can't believe is most times I get both
|> sides of the transmission.I was going to post and ask how this was
|> possible but these replies answer that question.
|>
|> NCS

Wonderful, but how about telling us the freqs?

John L. Wierzbicki --- jwierzbicki@melpar.esys.com
**************************************************************************
* "The very atmosphere of firearms anywhere and everywhere restrains *
* evil interference - they deserve a place of honor with all that's *
* good." ------- George Washington *
* *
**************************************************************************
```

4079. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-19 13:51:25 UTC
From: dgall@cc.gatech.edu
Message-ID: <38388t$n5d@forge.cc.gatech.edu>
Source record: 266986

In article <hpeach.163.002EACC3@ca.uky.edu>,
Harold G. Peach Jr. <hpeach@ca.uky.edu> wrote:
:In article <jim-171094170503@jimsmac.ttech.com> jim@ttech.com (Jim Wayda) writes:
:>From: jim@ttech.com (Jim Wayda)
:>Subject: Bleak Future for Scanning
:>Date: Mon, 17 Oct 1994 17:05:02 -0800
:
:[... Stuff Deleted ...]
:>converting to an all digital modulation system. Does anyone know if
:>companies that design scanners are going to provide digital modulation
:>decoding in future products? Maybe it is not even possible to monitor
:[... Stuff Deleted ...]
:
:It is certainly possible to decode digital modulation schemes. The biggest
:problem that I am aware of is that there are no standards for digital modes.
:Each vendor has their own proprietary, patented method.
:
:I expect that like most technologies at first there will be no 3rd party
:equipment. As time goes on and patents run out official or defacto standards
:will emerge and 3rd party radios, including scanners will become available.
:
:The question you should ask is what about encryption. As we move to digital
:modes encryption become easier and most business/police systems will
:probably move to it. Because it is illegal to decrypt transmissions not
:intended for you that will be the end of listening to these comms. There will
:always, however, be services that because of the nature of the communications
:will be open (i.e., aircraft, marine, etc.).
:
:Radio as a hobby will always be around, but like always, the nature of the
:hobby will change. If you like fooling around with radio there will always be
:something to do!
I'll go out on a limb here and make a prediction. Instead of getting
dedicated circuity decoders, like the M-400, you will instead get a DSP
chip with variable programming. There will be either ROM modules and/or a
computer interface to change the mode of demodulation. The computer interface
will be more powerful, as the demodulation code can be traded between users
via a modem or floppy. This will be a new zone of piracy as hackers run
overtop of proprietary standards by reverse-engineering their protocols and
sharing their resultant modules with their friends. And with the increasing
growth of the internet, BBSes and communications technology in general, it
will be impossible to stop. (sort of like scanning cordless phones)
Don't get freaked out by new technology. Control structures, by their
very nature, are never the first to discover/use new technology. It's the
hobbyists and hackers like you and me.

--
Daniel J Galloway
Mac Systems Support email: dgall@cc.gatech.edu
College of Computing current phone: (404)894-9678

"He who will not know the root of wickedness is not a stranger to it"

4080. Re: Hit List for November Elections

Newsgroup: rec.radio.scanner
Date: 1994-10-19 13:54:19 UTC
From: crisp@netcom.com
Message-ID: <crispCxxAMJ.8yF@netcom.com>
Source record: 266737
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <coanCxx7wH.1CK@netcom.com> coan@netcom.com (John Coan) writes:
>I would like to know why David Price from North Carolina is on your hit
>list? This doesn't seem right, he came and spoke to the local Raleigh
>ham radio club just last month and was knowledgable and supportive of
>radio hobbyists. In fact, the ARRL lists him as one of the good guys who
>supports ham radio! I live in Raleigh, and am Assistant Section Manager
>for NC and think Price would be much better than his opponent. His
>opponent is the former chief of police in Raleigh, and my guess is (and
>this is only a guess) that from his background he would prefer that
>scanners and such be taken away so you cannot listen in on the police.
>
>So, where did you get your information!?

I had a call from a fellow in NC that told me that even though Price talks a good line, that he voted for the DT bill and therefore earned his place on the hit list. I am only putting names on the list that people care to mention.

From my own perspective, anyone that was in Congress when the DT bill was passed by unanimous voice vote is on the list. They have their fingerprints all over it.

If they voted for the crime bill, then they have two strikes against them. I like this three strides you're out stuff: I say the third strike is a pre-emptive one.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

4081. Re: Calif. Cellular Telephone Law - Retailer Rip-Offs

Newsgroup: rec.radio.scanner
Date: 1994-10-19 13:57:49 UTC
From: crisp@netcom.com
Message-ID: <crispCxxAsD.95G@netcom.com>
Source record: 266894
Cross-posted to: rec.radio.scanner,misc.legal,la.general,alt.2600

In article <381s2c$p75@nntp1.u.washington.edu> tzs@u.washington.edu (Tim Smith) writes:
>bill nelson <billn@hpcvaac.cv.hp.com> wrote:
>>Bull. You are not tapping anything. There is no law against wearing a
>>"wire", and recording your conversations - even if the other person is
>>unaware. Of course, this does not apply to police who are gathering
>>evidence - stricter rules apply.
>
>One contemplating doing this should note that the law varies by state.
>In Washington, for example, there are fairly strong privacy laws that
>limit recording without consent of all parties.
>
>--Tim Smith

Thanks for telling us the law in Washington. The thread originated in
a complaint about a sleazy and despicable business practice adopted
by some cell phone retailers in California.

Note that the suggestion I made about wearing a wire was one of
physically concealing a recording system on one's body, physically
going into the store and taping the clerk's comments which several
of us have noted run afoul of the California business code.

If you want to do this in some other place, check local laws.
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

4082. New York City Freqs Wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-19 14:07:30 UTC
From: rossr@tcs.com
Message-ID: <383972$ido@tcsi.tcs.com>
Source record: 266830

Hi, does anyone have frequencies for Manhattan/NYC
or can point me to an FTP site.
thanks RR.

4083. Re:WTB:Radar Gun

Newsgroup: rec.radio.scanner
Date: 1994-10-19 14:23:44 UTC
From: jat741@rs740.gsfc.nasa.gov
Message-ID: <jat741.73.00770981@rs740.gsfc.nasa.gov>
Source record: 267010

Scott wrote...
<snip>
>and retransmit's it at less than 5 watts. Therefore no restrictions.
>Although I believe it would still be illegal in Va., due to it being a radar
>detector.

Would this be illegal in Va? Howabout a combination Scanner/Detector (like the Trident TR33mumble)? I was under the [potentially false] impression that the law prohibited the use of equipment, the sole purpose of which is to alert the user of the presence of police radar. Hmmm, so are laser detectors illegal in Va also?

Jordan

Jordan Truesdell | NASA - Goddard Space Flight Center
jat741@rs740.gsfc.nasa.gov | Mars and Freedom for just $0.25 a day

4084. Re: WTB:Radar Gun (Bill Nelson)

Newsgroup: rec.radio.scanner
Date: 1994-10-19 14:30:32 UTC
From: cab@col.hp.com
Message-ID: <383ai8$9cm@hp-col.col.hp.com>
Source record: 266834

> I hate to break your bubble about radar jammers being illegal, they are not!
> If you check the FCC rules, ...

If you check the FCC rules, there's nothing prohibiting MURDER, either.
But it's still illegal. You just have to look in the right rule book.

4085. Cell Phone Cloner Bust in San Jose

Newsgroup: rec.radio.scanner
Date: 1994-10-19 15:09:26 UTC
From: crisp@netcom.com
Message-ID: <crispCxxE3q.J10@netcom.com>
Source record: 266946
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

The San Jose Mercury had an article int he October 19 issue about the Mr Watson, the fellow that was arrested for cloning cell phones.

They state that he was responsible for about $500K worth of fraud over a three month interval, that he had written a program to assist in the cloning and that he had sold the program for as much as $60K in the far east (Singapore).

They also mention that he was indicted on three counts of fraud.

--

Note that the acts he committed were illegal without the help of the "computer controlled scanner ban" I say is a part of the DT bill. Note also that the cell phone system as it exists today is wide open.

This was known to the designers of the system at the time it was deployed. Note also that the ban on certain combinations of computers and scanners codified by the Digital Telephony Bill recently passed by the Democratic Majority of the House and Senate and signed into law by Bill Clinton, is a feeble attempt to lock the barn after the horse is stolen.

Basically in very crude terms, the current cell phone system in use here and in other parts of the world is somewhat analogous to banks storing money in cigar boxes and now several people have figured out that it is not locked up and are dipping in to help themselves of the free cash.

Clearly this is illegal and immoral, but if the cell phone service providers were not so criminally stupid, there would be no reason to have to send their lobbyists up to the hill to line the pockets of the purchasable Congresscritters (bascially they all are) to get legislation passed that infringes your and my liberties to possibly compensate for their stupidity and greed.

What if store owners did not lock ther stores at night? Well you and I both know that someone would open up and help themselves to the goodies offered for sale. One way the store owners could prevent this is by getting a law passed that made it illegal for anyone to be out past a certain time in the evening. If you are out past dark, you go to jail.

Clearly this would be a gross infringement of civil liberties, and clearly the solution to the merchant's problem is simply locking up his store. The situation with the cell phone fraud and the digital telephony bill is similar to the hypothetical case outlined above.

We must demand that our representives actually represent us, and pass bills that make sense, that have a need and are effective at addressing the issue at hand. WE cannot permit them to continue serving in their jobs as the tool of those with deep pockets, lest we wind up with laws the require us to keep off the streets at night, when a simple lock will do.

Send a very strong message to your elected representatives by not re-electing them.

--

By the way, one gentleman from Brandeis University suggested that we would wind up with ineffectual representation in WDC if we had only freshman congressmen. I point out that we have a freshman President, a pair of freshmen senators from California that have been successful at passing their liberty stealing agendas, and that many other states are in the same situation with new blood on capitol hill.

Maybe he has been listening to Teddy Kennedy's rhetoric for so long that he has not even considered that it may do Mass good to have new representation in Washington.

THROW THEM ALL OUT OF OFFICE!

--
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-Will Rogers

4086. Re: Optoelectronics Interceptor

Newsgroup: rec.radio.scanner
Date: 1994-10-19 15:19:19 UTC
From: av378@FreeNet.Carleton.CA
Message-ID: <CxxEK7.77y@freenet.carleton.ca>
Source record: 266839

In a previous article, robert1159@aol.com (Robert1159) says:

>In article <37b1j0$kat@nanette.pdb.sni.de>, schro@norton.sni.de
>(W.F.Schroeder) writes:
>
>I have been using my Interceptor for awhile now. it's ok and does what it
>says it does but at any given time in any given place you are being
>bombarded with TV and Radio signals (including the video frequency for the
>TV channels) 90% of the time that's what I hear on the interceptor. if a
>Cab happens to be going by or something .. you will hear them.. This
>device is not designed for you to be just wondering around cuz the TV and
>Radio is all you'll here.. but Say you are at the opening of a new mall
>and they are using radios right by you or you know they have an inhouse
>repeater then you will probably hear it. I just wish i could block out
>the TV and Radio signals. Email me for more info.
>
>

You should also try shortening the antenna down to its lowest extension or
retracting it entirely. That coupled with the squelch control being
adjusted has worked very well for me to the point where I can completely
block out high-powered locals.

4087. CELL FREQUENCIES #S

Newsgroup: rec.radio.scanner
Date: 1994-10-19 16:02:45 UTC
From: eliopoulos@gtec3.ndhm.gtegsc.com
Message-ID: <eliopoulos-1910941102450001@macangelo.tntn.gtegsc.com>
Source record: 266841

DOES ANYONE HAVE THE FREQUENCIES NUMBERS FOR CELL FHONES???

4088. Need A Favor, Frequencies for IL

Newsgroup: rec.radio.scanner
Date: 1994-10-19 17:00:02 UTC
From: russ_gould@rsomacserver.rso.upenn.edu
Message-ID: <russ_gould-191094125859@oehs5.oehs.upenn.edu>
Source record: 266854

I am going to be in the suburbs of Chicago next week and would like to know what to listen to. I will be staying in Schamburg/Itasca area. Any help would be appreciated.

Russell L. Gould
russ_gould@rsomacserver.rso.upenn.edu
\\\

4089. Re: ICOM R-1

Newsgroup: rec.radio.scanner
Date: 1994-10-19 17:23:52 UTC
From: domonkos@access.digex.net
Message-ID: <T$KfkiubGMwL066yn@access.digex.net>
Source record: 266789

In article <amigo.782450656@kisa>, Scott Rowin wrote:
>
> It continues to sell quite well - simply because small size, features,
> and overall coverage continue to make it a great scanner. Yes its
> receiving in HF is bad -- I've found a good antenna/tunner/match/wiring
> works to solve a lot of that problem. HF is low freq, therefore a LARGE
> (long) antenna is best to get anything. I still can frequent most mid-high
> power stations from 80m on up -- I've even had luck picking up a ship
> beacon at 350 KHz with it (and I"m at least 15 miles from it).
> Bad filtering on the input end makes close stations & harmonics
> of stations stronger then they should be (they shouldn't break squelch).
> I've also cured some of that with a good bandpass filter for HF band only.
> Course this all ends up with a very stationary station.. another way
> to get OK reception of lower frequencies is Radio Shack's antenna -- at
> $10 it does OK, I can get the WWV/WWVH stations on 5/10/15 MHz as well
> there's Radio Russia, Radio Austrailia, and a crazy preaching station
> from the south.. just to sum up the low end reception I've been able
> to get.

> I've had fun with it -- now moving over to HAM radio.. scanning
^^
> gets old after awhile!
^^^^^^^^^^^^^^^^^^^^^^^^

Funny, I've just done the opposite! Moved over into scanning instead of
rag chewing/brass pounding on the ham bands...go figure!

Andy N3LCW

4090. WTB Low end scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-19 17:29:00 UTC
From: hirschj@vax2.concordia.ca
Message-ID: <19OCT199412291169@vax2.concordia.ca>
Source record: 266840

I am looking to buy a small scanner. Doesn't need many
bells and whistles as long as frequency coverage is
decent. Something along the lines of a BC210xlt would
do. If you have one you want to rid yourself of, please
send description and asking price to:
HIRSCHJ@vax2.concordia.ca
--Jack

4091. Re: Short PRO-43 Battery life?

Newsgroup: rec.radio.scanner
Date: 1994-10-19 17:46:10 UTC
From: mulligan@ACM.ORG
Message-ID: <383m13$qdg@hopper.acm.org>
Source record: 267002

jqtaylor@boi.hp.com (John Quill Taylor) wrote:
> ... tried soldering a 9V battery clip into the Pro 39/43 battery holder?

There doesn't appear to be much to gain. At 100ma load (a PRO-43 at moderate volume) and a 6.0v cutoff point, a 9v alkaline might last 1-1.5 hrs (vs 20+ for AA alkalines). Two 9v batteries would weigh 3.3oz (plus switch & connectors), vs 5.0oz for 6 AA cells & holder - a saving of 1.7oz out of 14oz total.

You should have seen the 12v lantern battery I used with a PRO-2005. Now _there_ was a handheld radio! (errr ... actually two hands and a couple of shoulder straps).
/* barry /&

4092. Public Apology

Newsgroup: rec.radio.scanner
Date: 1994-10-19 18:10:25 UTC
From: crisp@netcom.com
Message-ID: <crispCxxMHD.6zC@netcom.com>
Source record: 266731
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

A long time ago I was told by my father that one did not discuss politics
or religion with friends if one wanted to keep them as friends.

I have offended many of my long time friends on the net by taking
a rather outspoken position regarding the impact of the current
administration on my perception of what is right and wrong for this
country.

As you all know by now, I am no fan of Bill Clinton or Dianne Feinstein.
I vehemently disagree with every major policy they support. I also realize
that there are many of you who don't feel the same way I do.

Finally I realize that most of you that disagree with me on this would
otherwise find much common ground with me on many common interests and
my taking a very public position attacking those that they admire has
put an enormous strain on our otherwise good friendship.

So being a person that is adaptable, and one that values the friendship
of others, I would like to take this time to publically apologize for
the comments I have made in general in this forum if they have hit
a raw nerve or angered you in any way. And I would like to specifically
apologize to Don Moore for asserting that his loyalty is directed to any
country other than ours. I was wrong to do this and have no trouble
publically admitting it.

I realize that Don is not likely to read this, as he has now placed me
in his kill file, but hopefully this note will find its way to him anyway.

I will now cease to attack Bill Clinton, Dianne Feinstein and other Democratic
members of our Federal Goverment in this forum and will get back to the
business of radio, having the burden of saying what I did and believing
what I do.

Without making specific recommendations about who to vote for on Nov 8
I will say that we should remember that our only indicator of future
performance is past performance and that a leopard seldom changes its
spots. So when it comes time to vote, remember what you have been dished
in the recent past and vote the way your heart tells you is right.

73's and happy listening.
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
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-Will Rogers

4093. Re: Scanners vs. Shortwave

Newsgroup: rec.radio.scanner
Date: 1994-10-19 18:59:01 UTC
From: roscobind@aol.com
Message-ID: <383q9l$165@newsbf01.news.aol.com>
Source record: 267005

In article <CxvMGx.LMF@metronet.com>, copeland@metronet.com (Charles Copeland) writes:

Oh Gawddddddddd.......

I have a Pro 34. Anyone want to join my cult.

Great info guys/gals on the difference between short wave radios and scanners. Only thing....

When you use an abbreviation like SSTV or what ever, spell it out for the same person that might not have a clue as to what you just said....

SSTV (Slow Scan TeleVision)

Rosco

4094. Re: San Jose Area Man busted for Cell phone cloning

Newsgroup: rec.radio.scanner
Date: 1994-10-19 19:00:30 UTC
From: tls@gate.net
Message-ID: <383qce$fe2@tequesta.gate.net>
Source record: 266850
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

Richard Crisp (crisp@netcom.com) wrote:

: Hell I will lay better than even
: odds he was indicted without using the new provisions of the DT bill!

Of course not. Billary has not signed it into law yet.

4095. Hams and Scanners in the Car

Newsgroup: rec.radio.scanner
Date: 1994-10-19 19:17:53 UTC
From: jim@ttech.com
Message-ID: <jim-191094111753@jimsmac.ttech.com>
Source record: 266803

Like many others that post to this newsgroup, I am a licensed ham radio operator. I know that many states have laws against using a scanner in a vehicle. I have the following questions:

1. Does the law refer to mobile scanners and therefore exempt handhelds?

2. I believe that my FCC ham license exempts me from the law regarding using a scanner in a vehicle. Am I correct?

I would appreciate any comments on this issue.

thanks,

+-Jim

jim@ttech.com

4096. AR-8000 (Canadian Version) FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-10-19 19:22:12 UTC
From: "Steven W. Weinstein" <73327.3472@CompuServe.COM>
Message-ID: <383rl4oan1@mhadf.production.compuserve.com>
Source record: 266928
Cross-posted to: rec.radio.scanner,rec.radio.swap

FOR SALE: AR-8000 handheld scanner. The coverage is .5-1950 mhz, steps are completely programable, 1000 memories in 20 banks, 20 search banks, port for computer control, memories can be programmed by name not just number, the unit is less than a month old. Currently taking reasonable offers.

Please respond only to swesquire@aol.com

4097. Re: Disrespect for the laws (was Re: Bad Scanner Laws)

Newsgroup: rec.radio.scanner
Date: 1994-10-19 19:53:58 UTC
From: crisp@netcom.com
Message-ID: <crispCxxr9z.K15@netcom.com>
Source record: 266970

In article <380tdu$gs9@wizard.uark.edu> plaws@comp..uark.edu (Peter Laws) writes:
>henniger@cisco.com (Mickey Henniger) writes:
>
>Anyway, my point was that as CONgress passes more and more unenforceable
>laws (i.e. cell- and cordless phone monitoring ban, etc, etc ad nauseum),
>more and more people will lose respect for *all* law. This is the biggest
>danger, IMHO, of these senseless laws, not the loss the immediate loss of
>freedom. That's not to say the loss of **ANY** freedom is a trivial

That is a very good point that I believe is often overlooked. When unjust
laws are passed you and I may have the temptation to decide which
laws we will obey and which ones we ignore.

It is imperative that new laws that are passed at least pass the level 0
sanity test of "will the proposed law have the desired effect, will it
be enforceable, will it have unintended consequences"? All too often
the new laws fail on all three counts. The ECPA86 is a good example.
The 1992 scanner ban is another example. The Digital Telephony bill is yet
another example.

--
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-Will Rogers

4098. Re: Where can I get a fixed r\angle bnc connector?

Newsgroup: rec.radio.scanner
Date: 1994-10-19 20:08:53 UTC
From: tharrell@nmsu.edu
Message-ID: <383ucl$ntg@dns1.NMSU.Edu>
Source record: 266892

```
SCAN911 (scan911@aol.com) wrote:
: In article <374c4f$11n4@tequesta.gate.net>, habu@gate.net (Michael Fink)
: writes:

: >Anyone know where I can find a right angle Bnc connector that
: >does not flop around left to right. Does anyone have any ideas
: >on how to fix one short of wrapping electrical tape around the
: >damn thing?

: Radio Shack sells 'em. Great for sticking those ducks out to the side.

I think he's looking for one that doesn't swivel.
--
*---------------------------------------------------------------------*
| T.J. Harrell III http://rever.nmsu.edu ~weasel weasel@acca.nmsu.edu |
| NRA KC5??? Beware of geeks bearing .gifs... |
*---------------------------------------------------------------------*
```

4099. Re: WTB: Plectron Monitor or Minitor II Pager

Newsgroup: rec.radio.scanner
Date: 1994-10-19 20:58:23 UTC
From: "Jason H.P. Berman" <berman@u.washington.edu>
Message-ID: <Pine.A32.3.91a.941019134447.118851A-100000@homer07.u.washington.edu>
Source record: 266900

On Sat, 15 Oct 1994, Greg Middleton wrote:

>
>
> I'm looking for an older model Plectron monitor in working or nonworking
> condition. We need a second one for our fire station.
>
>
> I am also looking for Minitor II pagers in good condition. working or not.
>
> If you have any info, please email me.
>
> thanks,
>
> Greg Middleton
> Firefighter/EMT
> Travis County FIre Control
>
> --
> Greg Middleton
> gregm@ccwf.cc.utexas.edu
>
>

We have a couple of plectrtons which were designed to open doors, and trip air raid sirens, that are being phased with replacement of on-line (ADL) computer dispatch and relay systems. They were set up for 154.43 and triped at 910 Mhz and 2880MHZ. It's really expensisive to find parts or modify them. But if you have existing broken Plectrons and are not a wireing wiz,try swapping boards between your bad plectrons. Sometimes you can take two bad trons and get a good one.

On pagers...Motorola Minitor 2 are not for surplus sale in the firedepartments in Washingonton. You will find 2 channel (New) Shinwa's (JUNK), NEC'S, AND MINITOR 1'S (PORTABLE PLECTRONS) plentiful.

If you are still adimant about getting Minitor 2's try going to flea markets, and radio shows...I saw new portable's, minitor 2's, parts galore etc.

Best of luck and if you want get me an address and I'll send a couple of broken ones south or if we still have the station tron---will send it too.

Jason Berman

Firefighter/Mechanic
North Olympia Fire Department/Marine Rescue

&
Engine 863 H5S-012 Central Region, Lewis District, Tenino Unit
Washington State Department of Natural Resources
Forest Fire Div.

"We arrived at the fire...we'll need additional assistance"
Rat Creek Fire quote of the year!

4100. Re: 800 trunking tone (ssqueal) HELP!

Newsgroup: rec.radio.scanner
Date: 1994-10-19 21:03:32 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.144.000F0F87@chevron.com>
Source record: 266793

In article <1994Oct17.152850.27997@news.csuohio.edu> mike@shien.ist.csuohio.edu (mike mayer) writes:

>brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>: In article <RW0Whvp.fta@delphi.com> Fred T. Allen <fta@delphi.com> writes:
>:
>: >I have a 2006 and the local P.D. is on 800 trunking. Is there a device or
>: >mod that will eliminate the tones after transmissions?
>:
>: There is a company that sells a mod kit to kill the tones put out by GE
>: trunked systems. Their ad in MT says: Send SASE to LesComm, P.O.Box 81294,
>: Corpus Christi, TX 78468-1294

>And I might add that GE put those tones there on purpose to foil
>scanner listeners from following trunked transmissions. It's
>a pretty cruel trick on us scanner enthusiasts. I heard the
>tones are the "GE, we bring good things to life" jingle.
>Glad someone sells a workaround.

What's cruel about it? You don't like the song? Most of the things I read in this newsgroup lean towards putting the eavesdropping prevention responsibility on the users instead of congress. Someone did something to make monitoring difficult and we call it a cruel trick on scanner enthusiasts? This is exactly what we tell people to do. Good for GE.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

4101. Re: WANTED: Seattle/King Cnty FREQS

Newsgroup: rec.radio.scanner
Date: 1994-10-19 21:13:05 UTC
From: "Jason H.P. Berman" <berman@u.washington.edu>
Message-ID: <Pine.A32.3.91a.941019140534.118851B-100000@homer07.u.washington.edu>
Source record: 266903

I have picked up the following Seattle Fire Department Frequencies: Are
the correct and/or could I add come?

Dispatch EMS:BLS/ALS: (F3)
852.8625

Dispatch Fire: (f2)
453.800

Thurston County/Snohomish County Fire Dispatch
154.430 (f1)

UW POLICE AND SECURITY
460.100

Does anyone have more of these frequencies,Predominantly SEATTLE FIRE!!!

I would be very appreciative!

4102. Re: Radio Politics

Newsgroup: rec.radio.scanner
Date: 1994-10-19 21:52:24 UTC
From: crisp@netcom.com
Message-ID: <crispCxxwrC.9xy@netcom.com>
Source record: 266821

In article <1994Oct19.062327.13787@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>crisp@netcom.com (Richard Crisp) writes:
>: >Even voting the incumbants out has problems. Doing so this November will
>: >make Ollie North the Senator from West Virginia. How do you guess Ollie
>: >feels about the public monitoring government activities?
>:
>: Ollie North will make a fine senator. I suspect with his anti-government
>: bent, he will have no problem at all with monitorint the government.
>
>He has an anti-government bent? Mr "God, Mother and Apple Pie - no matter
>if it is illegal"?
>
>Sheesh!
>

Perhaps I should explain my comment. By anti-government, I really mean
that he is anti-status-quo. I think that is a fair assessment of his
perspective on Washington today.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
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For PGP Public Key, type finger crisp@netcom.com
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-Will Rogers

4103. Re: Discussion of Cordless monitoring laws

Newsgroup: rec.radio.scanner
Date: 1994-10-19 21:59:52 UTC
From: <>
Message-ID: <3844so$63v@wizard.uark.edu>
Source record: 266759

crisp@netcom.com (Richard Crisp) writes:

>In article <37vcnh$4g6@jupiter.planet.net> billsohl@earth.planet.net (Bill Sohl Budd Lake) writes:

>I don;t know about the other states, but the California law
>was specifically passed to prevent the police from using info
>gained from listening t? cordless to build a case. The legislation
>was a reaction (as is often the case in the knee-jerk, reactionist,
>Democratic Peoples Republic of California) to a story that came out
>in 1989 where it was reported that the IRS advised field agents to
>use cordless derived information to help build tax cases against
>cheats.

So let me get this straight: The California Legislature is full of "commies" because they passed a law making it illegal for the government to monitor private citizen's cordless phone conversations without a warrant or even probable cause?

Oh.

You're right, the world will be a much better place when law enforcement can listen in on everybody's conversations without a warrant. None of those nasty technicalities to get in the way like that silly, old Constitution ...

A refresher:

Amendment IV.

The right of the people to be secure in their persons, houses, papers, and effects, against unreasonable searches and seizures, shall not be violated, and no Warrants shall issue, but upon probable cause, supported by Oath or affirmation, and particularly describing the place to be searched, and the persons or things to be seized.

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

4104. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-10-19 22:00:05 UTC
From: guru314708@aol.com
Message-ID: <3844t5$59d@newsbf01.news.aol.com>
Source record: 267016

In article <1994Oct16.063856.21752@hpcvaac.cv.hp.com>,
billn@hpcvaac.cv.hp.com (bill nelson) writes:

What is AM??? Isn't that what they call Ancient Modulation!
Even if it does not work now did it ever on any radio 100%???

4105. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-19 22:07:13 UTC
From: linley@netcom.com
Message-ID: <linleyCxxxG1.Ds@netcom.com>
Source record: 266820

In ye olden post wwhitby@aol.com (Wwhitby) spake...
>
>Big cities may go to digital as soon as they can. It will be a while
>before small towns will.

Unless all police depts. all choose the same digital radio system, analog communications will still be needed when one police dept. needs to radio another.

I feel that a digital transmission method must be (1) standardized and (2) defined to be "unencrypted". Otherwise the entire radio spectrum may end up being illegal to listen to (short of the broadcast bands).

--
Bruce James Robert Linley =-=-=-=-=-=-=-=-=-=-=-=-=-= Amateur Radio: KE6EQZ
linley@netcom.com <--- Left Brain =-=-=-=-= Right Brain ---> linley1@aol.com

4106. DT Bill

Newsgroup: rec.radio.scanner
Date: 1994-10-19 22:26:13 UTC
From: starin@netcom.com
Message-ID: <starinCxxyBq.I4H@netcom.com>
Source record: 266726

I've been following to the best of my ability the information posted here about the DT bill. Can someone please clear up the confusion, as follows:

Is it, or isn't it illegal to use a scanner in combination with a computer?

Is it, or isn't it illegal to monitor frequencies which contain digital data?

Very simple questions. Are the answers as simple, though?

--
Jeffrey
{New York}

4107. Re: ELIMINATE ALT.RADIO.SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-10-19 23:15:08 UTC
From: Chris Hall <chall@server0>
Message-ID: <Pine.SUN.3.91.941019191314.403E-100000@server0>
Source record: 266805

> I read both groups and find the hackers with the interesting information are
> on teh alt group, while the newbies with questions like "what is the difference
> between a scanner and a TV" are on the rec group. Lets keep them separated.

I currently read both, and this doesn't bother me. What does bother
me is when I read the same post twice. If everyone wants to post on
both, I think we should have just rec, otherwise -- let's keep'em separated!

4108. Re: AR1000XLT info needed....

Newsgroup: rec.radio.scanner
Date: 1994-10-19 23:19:01 UTC
From: malxndr@aol.com
Message-ID: <3849h5$6p3@newsbf01.news.aol.com>
Source record: 266807

In article <1994Oct19.104853.34388@waikato.ac.nz>, terupe@waikato.ac.nz writes:

>Re: your interest in finding how-to info on AOR1000XLT.

Design Equilibirium in Menlo Park (sorry, don't have number) sells a Guide to AR1000. It's flawed in a few places with incorrect info. but it gives you more than enough stuff to use your scanner. Sells for about $15 (over priced by a few bucks). Plenty of mail order places sell it--Grove, for example.

4109. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-19 23:28:57 UTC
From: Chris Hall <chall@server0>
Message-ID: <Pine.SUN.3.91.941019192631.403G-100000@server0>
Source record: 266808

If they are incripted. Then the handheld (belt) PD radios will
have to be able to decode them. If the PD radios can, then we can too,
it is just a question of how complex of an encription and how good you
are at electronics with this...

4110. Albuquerque freqs needed

Newsgroup: rec.radio.scanner
Date: 1994-10-19 23:43:59 UTC
From: ricoj@access1.digex.net
Message-ID: <ricoj.782610035@access1>
Source record: 266806

I will be traveling to Albuquerque in early November and would like to have some frequencies to scan. I am particularly interested in police, fire and ambulance freqs. (I used to drive ambulance in Albuquerque)
TNX

Rico

--
Rico Johnston P.O. Box 1459
ricoj@access.digex.net Ft. Meade, MD 20755

4111. Increasing Scanning Speed of PRO-43?

Newsgroup: rec.radio.scanner
Date: 1994-10-19 23:50:20 UTC
From: jim@ttech.com
Message-ID: <jim-191094155020@jimsmac.ttech.com>
Source record: 267018

Are there any current modification to increase the scanning speed of the PRO-43?
I traded in my PRO-51 for a PRO-43. I do not miss the terrible intermod of the PRO-51, but I do miss the 50 channel per second scanning rate. Even though the PRO-43 is slower, there is no intermod. The PRO-43 RULES!

Please e-mail me.

good scanning,

+-Jim

jim@ttech.com

4112. RCMA Phone Number

Newsgroup: rec.radio.scanner
Date: 1994-10-19 23:53:59 UTC
From: jim@ttech.com
Message-ID: <jim-191094155359@jimsmac.ttech.com>
Source record: 267019

Does anyone have the phone number for RCMA so that I can subscribe by phone using a credit card?

+-Jim

jim@ttech.com

4113. Re: Secret Service Freqs... AM or FM?

Newsgroup: rec.radio.scanner
Date: 1994-10-19 23:57:33 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <pa20KMl.donhayes@delphi.com>
Source record: 267012

All of the SS freqs are FM, except those in the aircraft band. Those are AM. Both UHF and VHF are FM. Ofetn they are encrypted when the Pres is in town.You will hear the comms in the clear once AF1 is back off the groung again. Good Luck!!! Don

4114. Re: DT Bill

Newsgroup: rec.radio.scanner
Date: 1994-10-20 00:05:20 UTC
From: crisp@netcom.com
Message-ID: <crispCxy2ww.ID@netcom.com>
Source record: 267017
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <starinCxxyBq.I4H@netcom.com> starin@netcom.com (Jeffrey Starin) writes:
>I've been following to the best of my ability the information posted here
>about the DT bill. Can someone please clear up the confusion, as follows:
>
>Is it, or isn't it illegal to use a scanner in combination with a computer?
>
>Is it, or isn't it illegal to monitor frequencies which contain digital
>data?
>
>Very simple questions. Are the answers as simple, though?
>
>
>--
>Jeffrey
>{New York}

I'd love to say there is a clear cut answer to this question. It is one thing whether it is legal or not and it is another thing to ask will you be arrested/indicted if found to be doing what you ask.

The bill says it is illegal to use a scanner and or computer/software to access telecommunications services with fraudulent intent. I am no lawyer but it appears to me that this is very vague and hard to define what constitutes fraudulent intent. If you are a non paying user of the telecommunications service and you "access" it to listen, would that constitute fraudulent intent? If I were a prosecutor, I would say yes, say that you were listening for people to give out credit card numbers, so that you could go commit wholesale fraud. Certainly there are other crimes along that line that you could dream up. Of course they are not necessarily founded in fact, but that has never stopped a prosecutor.

So often the lawmakers and the courts decide that prior restraint is the best way to solve one of society's ills. A good example is the assault weapon ban. Despite that the statistics indicate you are three times more likely tro be killed by a bee sting than an assaault weapon, we now have this law on the books thanks in part, to our media helping to sell this to the American public.

In my opinion, the campaign against radio equipment is underway. The ECPA86 fired the first shot, the scanner ban of 92 pushed it further, and the DT bill takes it yet a step further.

The DT bill also prohibits intercepting (they define intercepting as extracting the message, so simply listening to encrypted stuff with no descrambling is not illegal) communications whose essential

modulation parameters have been witheld in the interest of maintaining privacy. I suppose this would apply to many things we see in common use today including digital two way radios. I understand that some police departments intend to adopt them in the future according to a posting in this forum.

An interesting sidelight is that the law specifically permits the monitoring of police and other public safety agencies, but ont eh other hand, prohibits intercepting scrambled or encrypted communications or those that have the modulation parameters witheld in the interest of security.

As you said it is a simple question, it is not a simple answer. To get any answere really worth anything, we will have to have a test case, a conviction, an appeal and then see what is the precedent

In the meantime, watch for the media to start making an issue of radio comms and security. Remember the Jimmy Carter conversation intercepted on his return flight from Haiti? Remember how an individual on this forum called the White House Communications Agency and told them that he had been listening to thier conversations? And now we have a case reported in San Jose this week where a fellow was arrested for making rip-off cellphones by pirating ESNs from the ether with a "scanner and a computer".

I suspect that the time will come when the manufacturers of scanners` will be denied type certification for scanners which cover cordless telephone frequencies. Why should they not be? After all the scanner ban of 92 denied certification for scanners capable of receiving cellphone calls, and the DT bill has now afforded the same "protection of privacy" that cellphone users enjoy to cordless phone users. (not that the law is effective).

I also would venture to say using the scanner ban of 92 as a precedent and the prohibition of possession of a scanner connected to a computer would be expected applying the same logic. That logic being: if it can be used to commit an illegal act, then we ban it. This is the logic used in the scanner ban of 92. This is the logic that will be used for banning scanners which can receive cordless.

Of course all of this is really silly. After all the Cellphone providers could have desiged a secure system: one that cannot be eavesdropped easily, and one that teh ESNs could not be pirated easily. But they chose the "ostrich in the sand approach" by ignoring a huge looming problem and then spending money tpo buy influence in Washington to "solve" the problem by further encroachments of your an my civil liberties.

Of course this is like all of the merchants refusing to buy locks for their store's doors and getting legislation passed that prevents you and me from being outdoors after dark as a means of protecting their valuables. This does not make any sense at all.

What they should do is to recognize that anyone that is transmitting
in the clear should have no reasonable expectation of security as the courts so wisely
ruled regarding cordless phones a few years back. That allowing
ESNs to float around in the ether in the clear begging someone to pirate
them is as irresponsible as printing lists of valid credit card numbers
for general distribution. The cellphone providers are the source of the
problem, they have shirked their responsibilies to take even minimal
safeguards to protect the integrity of the traffic they handle and have
shirked their fiduciary responsibility by not protecting the critical
ESNs.

In a sense they deserve to absorb the costs incurred due to piracy,
but we are all going to be the ones paying: our bills are increased to
cover their losses, and they are lobbying to take away our common
sense right to monitor anything that passes through the airwaves
(and our bodies).

It is because I think about these issues in this way that causes me
to be so down on the status quo government people making our laws
and regulations. It appears to myu limited perspective that we have
elected a bunch of fools that only want to be re-elected. I say we
deny them re-election as a reward for prostituting their positions
of power to the betterment of a limited number of mony spreading
lobbyists. It is very easy to get cynical about the government if
you take the time to really analyze the situation at face value.

I get really depressed about this unrelenting assault on our personal
liberties.

Again, folks, we have the soapbox, the ballot box and the cartridge box
here to work with. Let's use the first two so we don't have to
resort to the third.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

4115. Re: Pro-43 leather case?

Newsgroup: rec.radio.scanner
Date: 1994-10-20 00:05:41 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cxy2xI.DIL@freenet.carleton.ca>
Source record: 267013
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In a previous article, pooledm@msmail.dun.nielsen.com () says:

>
>I know this was posted sometime back but I didn't
>have a Pro-43 then and didn't save the info :(
>
>Does anyone know of a manufacturer for a leather case
>(or maybe vinyl) specifically to house the Pro-43 scanner?
>
>Thanks,
>Dave, N4XRO
>pooledm@msmail.dun.nielsen.com
>

I have another suggestion for a case for this scanner...
Go into any well stocked camera store, you can find some kind of camera
case that the scanner will fit into. A friend of mine uses a nice
little cordura (nylon) case for his cell phone. The case was made for
some kind of point and shoot camera. Cost was around $5-10... this
case is also padded. Yes I know it isn't leather!!!

10-4

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

4116. Re: Optoelectronics Interceptor

Newsgroup: rec.radio.scanner
Date: 1994-10-20 00:06:59 UTC
From: rja@batcomfs.Eng.Sun.COM
Message-ID: <384cb3$3r0@engnews2.Eng.Sun.COM>
Source record: 266729

In article <CxvFwy.FxI@world.std.com> gdallal@world.std.com (Jerry Dallal) writes:
>Robert1159 (robert1159@aol.com) wrote:
>: I just wish i could block out
>: the TV and Radio signals. Email me for more info.
>
>I thought you could do that by spending a small fortune for filters.

You mean the APS-104 pre-selector, at only $995.00, made
with lovingly hand-wound components :-).

Indeed this will (probably) do the requisite filtering.
Unfortunately after you take the R10 (to receive the
signal and turn it into audio), and the APS-104 (to
give you narrow band filtering so you can lock onto
that transmitter), and the M3000 (to give you a digital
readout of the freq you're monitoring), you've spent
a couple thousand dollars for a device which doesn't
scan multiple stored freqs, and which is an ungainly
pile of boxes, velcro, antennas, and jumper cables :-).

Sigh...maybe one of these days I'll be able to afford
an APS-104 :-).
--
Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

The Constitution of the United States: R.I.P, 9/13/94
(the day Bill Clinton signed the Crime Bill)

4117. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-20 00:10:36 UTC
From: crisp@netcom.com
Message-ID: <crispCxy35o.107@netcom.com>
Source record: 267020

In article <38388t$n5d@forge.cc.gatech.edu> dgall@cc.gatech.edu (Daniel J. Galloway) writes:
>In article <hpeach.163.002EACC3@ca.uky.edu>,
>Harold G. Peach Jr. <hpeach@ca.uky.edu> wrote:
>overtop of proprietary standards by reverse-engineering their protocols and
>sharing their resultant modules with their friends. And with the increasing
>growth of the internet, BBSes and communications technology in general, it

While I'd like to agree with you, and do for the near term, what happens when the government decides it is time to regulate Internet. It is not like they have not noticed it is here.

If it becomes illegal to do what you are suggesting, then it will have a great impact on how freely it is discussed on forums such as this, even without the inevitable regulation of the Internet.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

4118. antlers and tune-in

Newsgroup: rec.radio.scanner
Date: 1994-10-20 00:19:21 UTC
From: checkowy@pipeline.com
Message-ID: <384d29$29j@pipe2.pipeline.com>
Source record: 266891

My son is looking for a couple of items.

The first is called ANTLERS, and is a program for making scanner antennas.

The second is called TUNE-IN, and is a scanner database for hand held scanners, that stores channels and frequencies, etc.

If anyone can help me find it on the Internet, I'd appreciate an email message.

Thank you.

4119. DT Bill

Newsgroup: rec.radio.scanner
Date: 1994-10-20 00:29:59 UTC
From: starin@netcom.com
Message-ID: <starinCxy420.CBD@netcom.com>
Source record: 267022

Thanks, that was enlightening.

Jeffrey
{New York}
--
Jeffrey
{New York}

4120. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-10-20 00:31:45 UTC
From: valleyj@freenet3.scri.fsu.edu
Message-ID: <384dph$fga@freenet3.scri.fsu.edu>
Source record: 266943

GURU314708 (guru314708@aol.com) wrote:
: In article <1994Oct16.063856.21752@hpcvaac.cv.hp.com>,
: billn@hpcvaac.cv.hp.com (bill nelson) writes:

: What is AM??? Isn't that what they call Ancient Modulation!
: Even if it does not work now did it ever on any radio 100%???

Uh, huh, huh, huh. I use AM all the time. You'd have a hard time
selling aircraft pilots on FM.

--
Jeffrey M. Valley
valleyj@freenet.fsu.edu
valleyj@world.std.com
valleyj@romulus.housing.fsu.edu

4121. Re: San Jose Area Man busted for Cell phone cloning

Newsgroup: rec.radio.scanner
Date: 1994-10-20 00:38:33 UTC
From: g9153402@huey.csun.edu
Message-ID: <384e69$sgp@nic-nac.CSU.net>
Source record: 266732
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

Terry Steinford (tls@gate.net) wrote:
> Richard Crisp (crisp@netcom.com) wrote:

Today's Los Angeles Times (10/19/94) had a similar article on the
front page of the paper, regarding a cellular retailer in West L.A.
cloning phones in a similar way. It was a long article, which went
into detail the whole cellular fraud problem, in which the cellular
companies in L.A. claim that 1 of 4 cell calls in this area are
fraudulently made.
Anyway, the police bust this retailer, and arrest the owner and
involved workers, but the police continue to run the store for the
whole weekend, servicing about a 100 customers who came in to have
their cellular phones reprogrammed with another fraudulent ESN, after
the one they were using was inactivated by the cellular carrier.
Apparently these dealers guarantee your cell-phone will work for 30
days after they program it with a stolen ESN. The dealers usually
charge less than $100 to do this, for one-month's of unlimted fraudulent
dialing...

4122. Re: Cordless Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-20 01:21:35 UTC
From: jnormandin@umassd.edu
Message-ID: <Cxy6G3.FIp@umassd.edu>
Source record: 266703

In article <crispCxpyxF.EJ@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
>In article <37fmeh$oe9@tequesta.gate.net> tls@gate.net (Terry Steinford) writes:
>>Steven T Blasen (stblasen@iastate.edu) wrote:
>>
>>: But if anyone gets caught illegally (US only) listening to
>>: these -- you never got them from me (haha).
>>
>>You are still legal to listen to cordless phones at least for another
>>day. Clinton still has not signed the law yet. But when he does, the Iron
>>Curtain goes up around another chunk of RF spectrum.
>
>So your action, reapeat after me, is to not vote for anyone that allowed
>this bill to pass by:
> 1) voting for it
> 2) not voting against it.
>It is high time to get rid of the rights grabbing democratically controlled
>congress. The House has been continuously controlled by the democrats
>since 1954. Think of how many rights we have lost to those schmucks
>since then!
>
>--
>Richard Crisp Cupertino, Ca. crisp@netcom.com
>(415) 903-3832 wk (408) 253 4541 fax
> For PGP Public Key, type finger crisp@netcom.com
>"It is a good thing that we do not get as much government as we pay for"
> -Will Rogers
Right ON! Let's all vote Repulican to slap Clinton in the face!
Also lets hold Ted Kennedy on trial for Chapaquidneck! Man the girl
sufficated in shallow water. I'm 31 and I say she was pregnant.

4123. Re: Need some info on the AR1500 ...

Newsgroup: rec.radio.scanner
Date: 1994-10-20 01:27:04 UTC
From: jnormandin@umassd.edu
Message-ID: <Cxy6p5.FL7@umassd.edu>
Source record: 266700

In article <37q31l$5gj@newsbf01.news.aol.com>, joewo@aol.com (JoeWo) writes:
>In article <J4wWRpr.tmfreeman@delphi.com>, Tim <tmfreeman@delphi.com>
>writes:
>
>Timster-
> I have an AOR-1500 and i dont like it. It suffers from too much
>intermod (lots of pagers and FMers bleeding all over) and when i hook up
>my amplified rabitt ears which is connected to a 4 way to hook up my other
>scanners, it locks up A LOT on the oscillators of the other scanners, and
>the overload gets REALLY bad. I am looking at getting an 8000 myself and
>cashing in the 1500. When i use the rubber duck antenna the problem goes
>away to a point, but it still has to be several feet from the other
>scanners(ergo several feet from me) and the reception is limited without
>the amp of course. And it is pretty complicated to get to program and
>just make basic changes. If i had it to do over, my advice would have
>been to either take a step down in freq range and channels and get the Rat
>Shack 43(i have a 32 and 34 and love them to death!!!) or go the other way
>and get an 8000....wanna buy my 1500 by the way?????? like new
>pristine, never dropped or abused for 400$$??? JoeWo@AOL.COM
The Amplified Rabbit Ears are the problem. Where are you located?
I can even pick up scrambled trunk radio with an AR1500. You can actually make
out what they are saying on Am!
I got nailed by a local AM radio station on shortwave. My outdoor antennea
now has a blocker out just for that station! So I can still listen to
Broadcast AM DX if I want.
THE SAME AM RADIO STATION COMES IN ON MY PHONE LINES I HAD TO FILTER IT OUT.
<

4124. Re: AR1000XLT info needed....

Newsgroup: rec.radio.scanner
Date: 1994-10-20 01:29:01 UTC
From: jpf@cbnewse.cb.att.com
Message-ID: <Cxy6sF.EID@cbnewse.cb.att.com>
Source record: 266959

In article <1994Oct19.104853.34388@waikato.ac.nz>, terupe@waikato.ac.nz writes:
> I have just recently acquired a AR1000XLT, scanner.
> But it came with no manual, I know the basic operation of how to
> program in limits and to search and scan, but is there anything
> else that I am missing out???
> I would be enternally gratefull if someone knew of a FAQ for this scanner
> who even mail me a copy of the manual, I would repay services.
>
> One other question:
> Seeing that this scanner has such a huge range of coverage, would
> different antennas be better for different frequencies????
> I am interested in the Freq range from 8MHz - 500 MHz.
>

I recommend that you invest about $14 in a book called:

Guide to the AR1000

by

Howard Bornstein

It is published by Design Equilibrium, PO Box 1245, Menlo Park, Ca 94205.

It is a very complete guide to using the 1000 and is full of basics and
all kinds of little scanning tricks. You can't go wrong with it.

I think that Grove has it, however I do not have their phone or address
available.

Good luck,

Jim Finney
jpfinney@attmail.com

4125. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-20 01:37:48 UTC
From: jnormandin@umassd.edu
Message-ID: <Cxy771.FqB@umassd.edu>
Source record: 266714
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <1994Oct16.065841.22009@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
>orion1@iastate.edu (Alex Orion Leu) writes:
>:
>: 3. Laser was invented for the patrol because of two reasons. First, it is
>: tougher to detect because it diffuses very fast and doesn't carry the
>: signature that sets many K or X radar detectors off. Second, it gives a
>: much stronger signal as compared to K or X. With old radar it is very tough
>: to get small vehicles on radar, unless they go very fast.
>
>This whole paragraph is silly. The primary reason for lasar time and distance
>measuring equipment (there is no such thing as lasar radar - at least, not
>yet) is that it does NOT diffuse anywhere near as rapidly as radar. That is
>a characteristic of coherent waves. It can easily be aimed at One target, so
>there is no confusion over which vehicle is being clocked.
>
>Because the energy density of the signal striking the vehicle is higher, it
>returns a stronger signal.
>
>The last bit about clocking small vehicles is also false. You can use a
>handheld radar to clock baseballs - which are a lot smaller and not nearly
>as good a target as even the smallest motor vehicle.
>
>: 4. A new brand of Canadian radar now comes with a detector that hunts out
>: jammers. It is available in the U.S. and it does detect laser radar
>: jammers(I have only seen ads). There are also detectors that detect these
>: detectors. Be advised that if you are caught with a jammer not only do you
>: face a stiff state fine but you may be prosectuted under the federal code
>: which is 5 yrs. and $10k. In Iowa it is a simple misdemeanor(30 days and/or
>: $150 fine). I can promise if you are caught by an officer plan on getting a
>: ticket and a possible vehicle inspection and impoundment to determine if
>: there are any other devices in you vehicle(Yes, it is all legal).
>
>This is correct. You can be charged with obstruction of justice, interfering
>with an officer in the performance of his duties, malicious hindering etc.
>They do not even have to mess with wimpy jammer laws.
>
>: 6. Police motorcycles also have permanent mounts and the handhelds have a
>: holster on the bike. Most motor officers know better than to place the unit
>: between their legs because it may side out and get caught on the bike or
>: destroy the radar unit and the last thing an officer needs is to get tangled
>: in his radar unit.
>

>Or get tangled in the wheels or chain, and cause the officer all sorts of
>grief. Thanks for reinforcing my point.
>
>Bill
One of My Books that are sitting on my book shelf is entitled:
THE LASER DOPPLER TECHNIQUE
I bought it from the M.I.T. Bookstore.

I have a BSEE.

LASER DOPPLER RADAR DOES EXIST! HOW DO YOU THINK YOUR LOCAL TV STATION GETS THOSE NICE WEATHER RADAR MAPS? SOME ARE MICROWAVE BUT SOME ARE LASER DOPPLER! ALSO THE FAA IS LOOKING INTO BUILDING A WINDSHERE DETECTION DEVICE, it uses guess what ..... LASER DOPPLER RADAR. Raytheon may be awarded this project.

LASER RADAR CAN BE EASILY STEALTHED! ANY CAR CAN BE SET UP to absorb the infrared light. or use multi faceted material.

Why do I study up on this? It's my hobby. I built up a 15mw Laser for Cloud writing. It's frequenct is 520nm. Whenever I use it for either cloud writing or just playing around... someone calls in a UFO sighting. 520nm is nice because the ^&%^@# Sodium Lights don't wash it out.

Anyway the LASER Doppler RADAR bok is by Dr. Drain and is abailable in most College bookstores that offer an advanced electronic engineering course.

BTW, the light source does everything the Microwave Doppler does, except with a tigheter resolution.
y
FDg

4126. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-20 01:42:42 UTC
From: jnormandin@umassd.edu
Message-ID: <Cxy7F9.FtG@umassd.edu>
Source record: 266713
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <1994Oct16.070558.22150@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
>jnormandin@umassd.edu (JERRY NORMANDIN) writes:
>:
>: ALSO I thought the radar used in metropolitan areas were at least 25 WATT.
>
>No way. They are under 1 watt - with a horn antenna that amplifies the
>signal (by making it much more directive) by about 100 times. I seem to
>recall that they were around 100 mw - which would mean the effective
>radiated power would be about 10 watts - at the mouth of the horn.
>
>Bill
Gee Som small Radar Ranges are at 10Watts.
I worked with High Speed Lasers that were capapble of 2 Gigabits per second.
The BER Monitor was a hazardous device because of the frequency it operated on!
Also one guy who liked to place the decice close to his lap has died in 91! I left
when he was diagnosed with prostate cancer. I was always carefull, I didn't even let the
the RF cable near me. I also had a shielded work area and I tried to tell
the other engineer about the hazards, he just laughed it off like yourself.
This device was only running in the 500mw range!
aou F

4127. Re: San Jose Area Man busted for Cell phone cloning

Newsgroup: rec.radio.scanner
Date: 1994-10-20 01:44:17 UTC
From: tharrell@nmsu.edu
Message-ID: <384i1h$8gi@dns1.NMSU.Edu>
Source record: 266790
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

Terry Steinford (tls@gate.net) wrote:
: Richard Crisp (crisp@netcom.com) wrote:

: : Hell I will lay better than even
: : odds he was indicted without using the new provisions of the DT bill!

: Of course not. Billary has not signed it into law yet.

Of course, this begs the question: What the hell do we need the bill
for if what it 'takes care of' is already illegal??? (I know, I know,
that's the point - we _don't_ need it.)

It's a bad time to be a gun & scanner owner...
--

| T.J. Harrell III http://rever.nmsu.edu ~weasel weasel@acca.nmsu.edu |
| NRA KC5??? Beware of geeks bearing .gifs... |

4128. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-20 01:54:47 UTC
From: jnormandin@umassd.edu
Message-ID: <Cxy7zD.G0p@umassd.edu>
Source record: 266715
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <1994Oct16.070748.22220@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
>jnormandin@umassd.edu (JERRY NORMANDIN) writes:
>: >I'll brush off the fact that there is no such thing as "Laser RADAR",
>: >and comment that LIDAR accounts for only a small percentage of the
>: >tax-collector's arsenal. It's cumbersome, expensive, may pose health
>: >threats of its own (ie, shining coherent infrared laser light into the
>: >eyes of millions of motorists year after year could be dangerous as
>: >well - although not to Officer Friendly).
>
>: Doesen't the unit have to transmit a burst of light, pick it up on a
>: photodetector, and calculate the time it took? And then try again calculate the
>: diffrence.
>
>That is exactly how it works. However, the distance measuring is so precise,
>that the two measurements can be made within fractions of a second of each
>other.
>
>Bill
Well here it is, the publisher for the Laser Doppler Technique is:

John Wiley & Sons
Offices in New York , Brisbane, & Toronto
(c) 1980 John Wiley & Sons Ltd.
it sells for $59.95 hard copy
It is written by L.E. Drain
he works at the Atomic Energy Research Establishment in Harwell

FYI
Capter 1 Contents:
The Doppler Shift
Optical Beating
The Diffrential Doppler Technique

Chapter 2
Geometrical Optics
Wave Optics
Interference
The Michealson Interferometer
Interference between two reflected beams
The Farby - Perot Interferometer
Diffraction
Diffraction at Focus
Gaussian Beam Optics

Light Detectors for LDA
PhotoMultipliers (Duh)
Derivation of the Doppler Shift
Relativistic Doppler Shift
Alternative Derivation of the Doppler Shift on Scattering
Doppler Shifting by Difraction Gratings
Brownian Movement and the Doppler Shift

If you had college calculas you can understand the theory. It's not a
nontechnical book. With the information provided you can make your own
device (NO SCHEMATICS BUT ENOUGH THEORY SO IT WILL NOT BE A PROBLEM)
And do some math, what is the best frequency of light for this
device... use common sense. Infra Red causes Jitter so... please
Mr. that tells me no such thing as Laser Doppler Radar that NASA allready tested and the
Air F
Air Force allready has... tell me... what's the frequency Kenneth

MAN, I'm not just a hobbyist, It's how I earn a living. Check out the book rt tt sth
aDzleWis a y o

YOU WILL BE FASCINATED AND LEARN SOMETHING AT THE SAME TIME.

4129. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-20 01:58:22 UTC
From: jnormandin@umassd.edu
Message-ID: <Cxy85D.G26@umassd.edu>
Source record: 266717
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <CxrxDK.8Bq@news.Hawaii.Edu>, jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:
>billn@hpcvaac.cv.hp.com (bill nelson) writes:
>
>>orion1@iastate.edu (Alex Orion Leu) writes:
>
>>: 3. Laser was invented for the patrol because of two reasons. First, it is
>>: tougher to detect because it diffuses very fast and doesn't carry the
>>: signature that sets many K or X radar detectors off. Second, it gives a
>>: much stronger signal as compared to K or X. With old radar it is very tough
>>: to get small vehicles on radar, unless they go very fast.
>
>>This whole paragraph is silly.
>
>What's even more silly is the fact that you're cross posting this to
>rec.radio.swap. Stop it!
>
>
READ The LASER DOPPLER TECHNIQUE by Dr. DRAIN and open your eyes!

4130. Cell Phone Frequencys

Newsgroup: rec.radio.scanner
Date: 1994-10-20 02:01:38 UTC
From: jnormandin@umassd.edu
Message-ID: <Cxy8As.G47@umassd.edu>
Source record: 266704

Anyone want a listing of CELL Phoone Freqs. I've got them. Programmed all of / programmed them in my AR1500 (OUCH) PO600

4131. Re: pro-46 and pro-23 banned forever!

Newsgroup: rec.radio.scanner
Date: 1994-10-20 02:12:07 UTC
From: n6002q@aol.com
Message-ID: <384jln$a5c@newsbf01.news.aol.com>
Source record: 266953

In article <x41yUtn.irvsmith2@delphi.com>, Irv Smith
<irvsmith2@delphi.com> writes:

I have been off the net for approx. 7 months but I have a friend looking
for the mod for the Pro-46 please tell me where I may find it or if it is
short please respond via e-mail. Thanks in advance.

4132. Re: How do freq. down- / up-converters work?

Newsgroup: rec.radio.scanner
Date: 1994-10-20 02:41:59 UTC
From: billsohl@earth.planet.net
Message-ID: <384ldn$hf2@jupiter.planet.net>
Source record: 266904

Eric B. (browere@einstein.cs.ucdavis.edu) wrote:
: I suppose the title says it all. Perhaps a kind and knowledgeable
: individual could give a more-than-basic overview of how these
: things work and how they would interface with a scanner.

A downverter essentially takes an input frequency range on
a broad basis (say the entire 800-900MHz band) and converts it
to a lower frequency range such as 400-500MHz where it can then
be received by almost any scanner. The bottom line effect is
as follows, with a downverter connected to the antenna, you
connect your scanner to the output of the downverter. Thus
if you program your scanner to receive 434MHz, you are actually
receiving (or listening to) whatever is on 834MHz.

The downverter is also sometimes called a block converter.

: A place to look for such a schematic (or if one could be provided as
: an example) would be very helpful.

Someone once said that a two part "how-to" article was run in
Radio Electronics magazine in two early issues of that publication
in 1993. I have not seen that article, however (But I'd like to
get a copy if someone has it).

You can also buy a kit or fully assembled downverter from
Ramsey Electronics (800-446-2295) for about $50 (kit) or
$90 assembled according to the Ramsey advertisement in the
August 1994 (page 77) issue of Monitoring Times magazine.

--
Bill Sohl K2UNK (billsohl@planet.net)
Budd Lake, New Jersey

4133. Data squelch

Newsgroup: rec.radio.scanner
Date: 1994-10-20 02:57:31 UTC
From: baxter@ukanaix.cc.ukans.edu
Message-ID: <1994Oct19.215731.75369@kuhub.cc.ukans.edu>
Source record: 266960

Has anyone built or bought one of the LesComm data squelches for their PRO=200x scanner? This is a device which supposedly will make your scanner bypass data, and the annoying GE beeps at the end of each transmission. LesComm sells several different variety of devices, according to the latest ad in Monitoring Times. They indicate they have information they'll send for a SASE -- but as of yet, they haven't responded to my letter :-(

Has anyone bought these products from this company?

4134. Re: CELL FREQUENCIES #S

Newsgroup: rec.radio.scanner
Date: 1994-10-20 03:53:25 UTC
From: tbrutus@sunyboard.org
Message-ID: <09307SBMRFHEAIEGLMN@sunyboard.org>
Source record: 266614

The frequencies for 99.9% of your cellular phones are:
806.000 mhz to 960.000 mhz. Let me know how you do.

Happy Scanning,

Tom Miller (King Creole)
tbrutus@sunyboard.org

IE>

IE> DOES ANYONE HAVE THE FREQUENCIES NUMBERS FOR CELL FHONES???

___ Blue Wave/QWK v2.12

4135. FCC regulations w/scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-20 03:53:26 UTC
From: tbrutus@sunyboard.org
Message-ID: <09306JPCATCKIHOMMDR@sunyboard.org>
Source record: 266617

Can someone here help me obtain a copy of the very latest laws/regulations
that have to do with scanners & cordless & cellular phones. I tried many
times to contact my Congressman's office and always got sent stuff that had
absolutely nothing to do with scanners.
How are they going to inforce these laws? THey can't knock at every single
door & ask if we have a scanner that can listen to cordless &
cellular phones? Forget it. It'll go the same way the bullshit went with
licensing CB radios. Right down the porcelain. I'd be very interested in
corresponding via email with scanner buffs who might have these as well as
other ideas. Hope to hear from all of you soon.

Happy Scanning,

Tom Miller (King Creole)
tbrutus@sunyboard.org

... This tagline is SHAREWARE! To register, send me $10
___ Blue Wave/QWK v2.12

4136. Re: Cell Phone Cloner Bust in San Jose

Newsgroup: rec.radio.scanner
Date: 1994-10-20 04:34:15 UTC
From: Don Coco <djc@crl.crl.com>
Message-ID: <Pine.SUN.3.91.941019213113.10339D-100000@crl.crl.com>
Source record: 266796
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

I have always felt that it was foolish to lock out the Celular band from scanners when all the companies have to do is encode or scramble their signals. I heard the report about the bust on our local news here and my own feelings are that it serves the industry right for not protecting their equipment.

djc@crl.com Out!

4137. Re: CORDLESS SCANNING OUTLAWED

Newsgroup: rec.radio.scanner
Date: 1994-10-20 04:53:36 UTC
From: davidm@iglou.com
Message-ID: <GVVfkK7gXHIM073yn@iglou.com>
Source record: 266747

In article <38133p$7ib@newsbf01.news.aol.com>,
rotnapple@aol.com (RotnApple) wrote:

> Of course if you are in California, it is illegal to monitor Cordless as
> well as Cellular calls. The state passed a law specifically stating
> Cordless phone.

Actually, now it doesn't really matter where you are, if it is an area that is under the control of United States laws. The recently passed Digital Wiretap Act included the removal of the exception for cordless phone in the ECPA. Now cordless phone falls under the same restrictions as cellular, atleast as far as the ECPA is concerned. There has been no change (yet) to prevent the manufacture of cordless-capable scanners...I guess the 103rd Congress is going to leave that up to the 104th...

And while I'm here, just a quick reminder to everyone that I am working on a FAQ on laws governing scanners. Hopefully I'll have something ready to go out in another week or two.

David
davidm@iglou.com

4138. Re: Scanners vs. Shortwave

Newsgroup: rec.radio.scanner
Date: 1994-10-20 06:11:42 UTC
From: linley@netcom.com
Message-ID: <linleyCxyJvJ.Bvs@netcom.com>
Source record: 266942

In ye olden post jqtaylor@boi.hp.com (John Quill Taylor) spake...
>Richard M. Krum, KE4GNK (richard.krum@msfc.nasa.gov) wrote:
>: copeland@metronet.com (Charles Copeland) says:
>
>: >Seems most people start with a scanner and a progression occurs.
>: >
>: >scanner -> SW radio -> Ham rig -> 4 wheel drive vehicles -> assault weapons
>: >-> amassing stock pile of ammo -> confrontation with federal authorities
>: >
>: >David Koresh started out with a lowly PRO-34.
>
>: Lesse here:
>
>: Ham rig -> scanner -> 2 wheel drive Pickup -> SW radio.....
>: Naw, not the same path.
>
>or how about:
>
>long hair maggot infested FM type -> MW -> SW -> Scanner
>-> freq counter -> FBI trash bins -> jail

My turn:

scanner -> ham radio -> SW/LW -> freq counter -> Atari 2600 -> ColecoVision ->
Vectrex .....oops.... crossed a newsgroup boundary somewhere in there.

--
Bruce James Robert Linley =-=-=-=-=-=-=-=-=-=-=-=-=-=-= Amateur Radio: KE6EQZ
linley@netcom.com <--- Left Brain =-=-=-=-= Right Brain ---> linley1@aol.com

4139. Re: Pro 43- 400 Channels.

Newsgroup: rec.radio.scanner
Date: 1994-10-20 08:42:06 UTC
From: rkc@kaiwan009.kaiwan.com
Message-ID: <385agu$nsh@kaiwan.kaiwan.com>
Source record: 266702

LORD BB (bbb@kuhub.cc.ukans.edu) wrote:
: From some of the other post on this thread, its almost like my
: re-post of the 400 channel mod a few weeks ago didn't
: get to very many places. If there is demand, I'll post it again.

Please, please, please... :-) Just got my pro-43, and tried finding your
post, and it looks like I can't get back that far in the message stream..

Perhaps you could send it to ftp site: cs.buffalo.edu:/pub/ham-radio/mods
They seem to have most pro-43 (and many other) mods available.

-rkc

4140. Re: Freq: York & North Yorkshire in the UK

Newsgroup: rec.radio.scanner
Date: 1994-10-20 10:08:24 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <782647704snz@javiaton.demon.co.uk>
Source record: 266822

In article <284721154wnr@phoenixs.co.uk> gary@phoenixs.co.uk "Gary Smith" writes:

> Does anyone know of any of these freq's in the York, North Yorkshire
> Area?
>
> Police base stations, car mobile units and officers radios.
> Fire department base stations and mobile units.
> Leeds/Bradford airport air traffic control etc.
>
> Is there in fact anyone reading this in this area? Maybe not!

Ummm...yup.....

The LBA stuff I can reel off to you....

120.30 Tower
123.75 Approach
121.05 Radar
118.025 ATIS (or Metcom as they call it !)
455.6125 Fire/Airport Ground vehicles

I do have a list somewhere with some of the security/handling
agents freqs but its not to hand...try looking 433'ish

West Yorkshire Police
152.3375 / 143.0375 "XW1"
152.5125 / 143.0875 "XW3"
152.5875 / 143.1125 "XW4"
152.7125 / 143.0625 "XW2"
152.8125 / 143.1375 "XW5" - This is M62/M1 mainly

All I can recall for NY at the mo is:
152.150 / 143.something "XN"
152.975 / 143.3375 "XN"
152.2625 / 143.3875 "XN"

Give me a shout if theres anything ese you might be interested
in...Linton, Leeming etc..

--
Cheers,
/--\
Jonathan Clough,	"How important is an airplane's appearance" ?
Javiation, Bradford, UK	"Its important to me. My wife tells me that if
Compu$$erve: 100117,535	it doesn't look good, it won't fly good.
Internet:	That's good enough for me" - Kelly Johnson
Clough@javiaton.demon.co.uk	Designer of the Lockheed SR-71

\----------/

4141. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-20 11:21:16 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1994Oct20.112116.16894@ke4zv.atl.ga.us>
Source record: 266932
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <Cxy771.FqB@umassd.edu> jnormandin@umassd.edu writes:
>
>LASER DOPPLER RADAR DOES EXIST! HOW DO YOU THINK YOUR LOCAL TV STATION GETS
>THOSE NICE WEATHER RADAR MAPS? SOME ARE MICROWAVE BUT SOME ARE LASER DOPPLER!
>ALSO THE FAA IS LOOKING INTO BUILDING A WINDSHERE DETECTION DEVICE, it uses
>guess what ..... LASER DOPPLER RADAR. Raytheon may be awarded this project.

Laser doppler radar *does* exist, and is being used by a few US police departments. (I've handled one of the units used by the Georgia State Patrol.) This is totally different from the old VASCAR time and distance equipment. However, local TV doppler weather radar is *not* laser, it's Ka band equipment manufactured by Harris. (I service this stuff.) The FAA windshear measuring radar is also *not* laser. It's UHF RF at 449.0 MHz (right in the amateur 70 cm band's repeater input segment, not pretty).

The laser speed measuring doppler radar unit I handled has a TV camera sensitive to the IR frequency used by the laser unit as an aiming device. You can clearly see the spot reflected off the car in the viewfinder. The unit is setup so the officer can videotape the bust. The speed reads out in characters keyed into the video picture. If you try to stealth the car, it's obvious in the camera viewfinder, and all the officer has to do is move the point of aim slightly, to a piece of chrome, the windshield, a headlight, a parking light reflector, etc until he sees the spot reflection, then he's got you.

The only way I can see to beat this system is an active IR jammer. It'd have to be really powerful too because even a functioning headlight, which pumps out lots of IR, won't blind the system.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4142. Re: San Jose Area Man busted for Cell phone cloning

Newsgroup: rec.radio.scanner
Date: 1994-10-20 14:05:51 UTC
From: gt7012b@prism.gatech.edu
Message-ID: <385tfv$qp1@acmex.gatech.edu>
Source record: 267021
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

Maybe it's a GOOD time to be a gun and scanner owner, depending on how
you look at it ...

--
David James Hall
Box 37012 Georgia Institute of Technology, Atlanta Georgia, 30337
Internet: gt7012b@prism.gatech.edu

4143. Re: Icom IC-R1

Newsgroup: rec.radio.scanner
Date: 1994-10-20 14:48:53 UTC
From: smasters@bzy.gmu.edu
Message-ID: <38600l$gq1@portal.gmu.edu>
Source record: 267023

Hugh Hemington (hughem@netcom.com) wrote:
: Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:

: :poor RF performance...

: A big DITTO there! I have an R1. It is small and feature packed, but

I would say it has amazing abilities with amazing flaws:-).

: Has anyone else noticed that the Nicad internal battery has a shelf-life
: of about 24 hours?

I have found the battery to demand proper care. If I don't fully
charge and/or mostly discharge more then one or two times in a row it will
only hold the charge for 24 to 48 hours. Fully charging and running it until
the B icon comes on, a few times. This seems to extend the life back to
about two weeks.

: Could another R1 user give me a clue about scanning, I obviously don't
: have one.

Yes the manual is poor. To scan mem you hold the F key and press
one of the M keys and on the bottom row. I don't have the scanner in front
of me to say which one scans which way. You also have to be in mem mode.

73,
Shawn
KE4GHS

4144. Re: Radio Politics

Newsgroup: rec.radio.scanner
Date: 1994-10-20 15:08:15 UTC
From: domonkos@access4.digex.net
Message-ID: <386150$o1@news1.digex.net>
Source record: 267024

bill nelson (billn@hpcvaac.cv.hp.com) wrote:

: And, so will most of those who you vote in. We need at least a strong
: three party system in this country - not two "good old boy" clubs.
^^^

4145. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-20 15:12:19 UTC
From: hpeach@ca.uky.edu
Message-ID: <hpeach.169.004E4140@ca.uky.edu>
Source record: 266929

In article <crispCxvJK1.H1o@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>From: crisp@netcom.com (Richard Crisp)
>Subject: Re: Bleak Future for Scanning
>Date: Tue, 18 Oct 1994 15:12:01 GMT

>not only that, but the feds have made it illegal to have you receive
>digital modulation. Furthermore since we will not be able to monitor the

I was not aware that any of the current statutes prohibited someone from
demodulating digital signals. I thought it only prohibited individuals from
decrypting encrypted signals.

4146. Air Force Dogfights over Central PA!

Newsgroup: rec.radio.scanner
Date: 1994-10-20 15:36:28 UTC
From: mclin@bucknell.edu
Message-ID: <mclin-2010941136190001@maci54.bucknell.edu>
Source record: 266925

Recently, I traded in my Pro-51 scanner for an upgrade to the Pro-43 mainly to tune in to the 225-400MHz military band. I live about an hour north of Harrisburg, PA, and about 150 miles from the nearest military installation in Willow Grove, PA, so I never really expected to hear anything more than an occasional aircraft (or space shuttle) passing through our airspace. However, last night I was pleasantly surprised to learn there's more activity than I thought there would be here.

As I was searching across the band last night (using a 1/4 wave ground plane antenna 15 feet above our house) my Pro-43 unexpectedly stopped on 301.6MHz with a strong signal. I immediately hit the monitor button and listened to the action unfold. Apparently, there were three fighter aircraft (type unknown) in our airspace last night conducting dogfight simulations. They identified themselves as Bromo One, Bromo Two, and (that's right) Bromo Three. A fourth voice was also heard, and this person would instruct the pilots during these drills. For instance, he would instruct Bromo Three to leave a designated air space, and he would then instruct Bromo One to act as a target aircraft at 17K feet on a defined heading while Bromo Two would pursue this aircraft and attempt a "kill." Once all the instructions were given out and the drills got underway, radio silence was maintained, and I assume the whole thing was watched by radar. Then an announcement would be made: "that's a kill." Pretty interesting stuff. Heard about a half-hour's worth before they decided to call it a day and cleared a flight corridor to Harrisburg, then back to Andrews AFB. BTW, at one point they lost radio contact with Bromo Three, so they switched to 259.4MHz and resumed the action.

4147. Re: Please update us on the AR8000

Newsgroup: rec.radio.scanner
Date: 1994-10-20 16:15:11 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <782669711snz@javiaton.demon.co.uk>
Source record: 266813

In article <brett_miller.510.000E39BE@ccm.hf.intel.com>
brett_miller@ccm.hf.intel.com "Brett Miller - N7OLQ" writes:

> He may be referring to the power-on problem that was fixed by adding a diode.
> This fix has been added to current production units.

The Diode is still "Piggy Backed" for this fix...I assume that
when the initial batch of boards have been used they will implement the
fix rather more neatly than the current method..(then again maybe
not..)

> There was also a bug in the Audio Scan feature that AOR said they would be
> fixing (this may be the squelch threshold problem you referred to).

In the latest shipments three Surface Mount components have had
their value changed, playing around with the values seems to make slight
difference as to how Audio Scan responds, different values may
work better for some perople rather than others depending upon
cirumstances.

--
Cheers,
/--\
Jonathan Clough,	"How important is an airplane's appearance" ?
Javiation, Bradford, UK	"Its important to me. My wife tells me that if
Compu$$erve: 100117,535	it doesn't look good, it won't fly good.
Internet:	That's good enough for me" - Kelly Johnson
Clough@javiaton.demon.co.uk	Designer of the Lockheed SR-71
\--/

4148. Baltimore Area Info Wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-20 16:18:44 UTC
From: aa357@yfn.ysu.edu
Message-ID: <386594$84c@news.ysu.edu>
Source record: 266926

I'm looking for frequencies, station numberings and locations, and
apperatus numberings and locations for the Baltimore City and County area.
Any information would be most helpful.
Thanks

--
********** >>> Youngstown Free-Net aa357@yfn.ysu.edu <<<
* Greg * >
* Ricker * >
********** >

4149. Requesting frequencies for Orlando, Baltimore.

Newsgroup: rec.radio.scanner
Date: 1994-10-20 17:31:35 UTC
From: plocke@irvine.com
Message-ID: <CxzFCn.HLL@irvine.com>
Source record: 266927

I posted a request a couple of weeks ago as follows:

>I will be visiting Orlando, Baltimore, and Louisville later this month
>and am seeking frequency lists for those cities. I have plenty of
>Disney World frequencies so no need to include them in the lists.

I got 4 responses with Louisville frequencies. However, *NO ONE*
responded with any Baltimore or Orlando frequencies! (Perhaps there
are no scanner enthusiasts from these cities who have internet access
and monitor this group!)

I am leaving for this trip soon and still need Baltimore and Orlando
frequencies. If you have any please email them to directly to
plocke@irvine.com.

Thanks,
plocke

4150. Toronto, Ontario (Canada) Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-20 17:55:10 UTC
From: rbenner@acs.ryerson.ca
Message-ID: <386atu$11os@hermes.acs.ryerson.ca>
Source record: 266633
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I am looking for a brief list of frequencies for the Metropolitan Toronto area. Some of the frequencies I'm looking for include Metro emergency services (fire, ambulance, police), Ryerson Polytechnic University frequencies, and any others which you may happen to know of. Any responses and information regarding this would be appreciated. Preferably send your responses via email to rbenner@acs.ryerson.ca.

Thanks in advance,
Ross Benner
--
Ross Benner Email: rbenner@acs.ryerson.ca
Ryerson Polytechnic University
Toronto, Ontario, Canada

4151. Re: Hams and Scanners in the Car

Newsgroup: rec.radio.scanner
Date: 1994-10-20 18:29:52 UTC
From: bap@mace.cc.purdue.edu
Message-ID: <386cv0$i2t@mace.cc.purdue.edu>
Source record: 266817

I am Mr. Naive but does this mean in New York that Radio Shack
can't sell scanners like the PRO-2027 I just bought?

And if I moved there would I be in violation of the law
by owning one?

And how do they enforce this? Call Janet and the BATF in?

4152. Pro-46 mod????

Newsgroup: rec.radio.scanner
Date: 1994-10-20 18:40:14 UTC
From: fwells@pmafire.inel.gov
Message-ID: <1994Oct20.184014.28951@pmafire.inel.gov>
Source record: 266727

Being new to this newsgroup i am sure this has been asked 100's of times, I have searched Gopher and can't fimd the mod for the Pro-46. I would appreciate anyone either explaining the mod or telling me where I may find it in Gopher. Thanks in advance!!!!

4153. Re: Freq trap needed

Newsgroup: rec.radio.scanner
Date: 1994-10-20 18:42:34 UTC
From: dtiller@cscsun.rmc.edu
Message-ID: <CxzIMz.MGE@cscsun.rmc.edu>
Source record: 266930

: Dan Schein (dans@rehab1.UUCP) wrote:

: : The local county police dispatch frequency causes my RS 2006 to lock
: : on our local fire district F3 frequency. Of course I can reach around
: : the back and flip the switch to 10db - but as you know this affects the
: : signals I hear.
: : So what im looking for is plans to make a trap (maybe out of coax?).
: : The best result would be to reduce the signal of one frequency just
: : enough to remove the problem (then I could still monitor when needed).
: : But if the only solution is to remove this frequency thats fine. I do
: : happen to have a few other scanners around ;-)

Your could make a 1/4 wave shorted stub out of coax - calculate a quarter wavelength of the freq you want to null out _in the coax_ (that is, take the velocity factor into account). attach one end across your antenna's coax, and short the other end shield to center conductor. Voila! A nifty, cheap notch filter!

```
ANTENNA-------------------------------------------------SCANNER
|
|
(Shorted Stub with Tee)
```

--
David Tiller | Network Administrator | Voice: (804) 752-3710 |
dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| Fax: (804) 752-7231 |
Don't let your SKS get | P.O. Box 5005 | ICBM: 37d 42' 43.75" N |
"Tainted with Defilement!" | Ashland, Va 23005 | 77d 31' 32.19" W |

4154. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-20 18:45:27 UTC
From: harrison@calvin.jci.tju.edu
Message-ID: <386ds7$f2m@elmo.tju.edu>
Source record: 266819
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <1994Oct20.112116.16894@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
|> In article <Cxy771.FqB@umassd.edu> jnormandin@umassd.edu writes:

stuff deleted

|>
|> Laser doppler radar *does* exist, and is being used by a few US police
|> departments. (I've handled one of the units used by the Georgia State
|> Patrol.) This is totally different from the old VASCAR time and
|> distance equipment. However, local TV doppler weather radar is *not*
|> laser, it's Ka band equipment manufactured by Harris. (I service this
|> stuff.) The FAA windshear measuring radar is also *not* laser. It's
|> UHF RF at 449.0 MHz (right in the amateur 70 cm band's repeater input
|> segment, not pretty).
|>

stuff deleted

|>
|> The only way I can see to beat this system is an active IR jammer.
|> It'd have to be really powerful too because even a functioning
|> headlight, which pumps out lots of IR, won't blind the system.
|>
|> Gary
|>
|> --
|> Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
|> Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
|> 534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
|> Lawrenceville, GA 30244 | |

The other thing people have tried is to use a moving reflector.
Doppler systems depend on getting a lock on the frequency difference
between the forward and reflected beam. (you can't directly
count the waves in optical or near optical systems (at least
not recently)). So if you add a strong more or less random
component to the reflected beam you make the lock harder to get.
One of the engineers involved in inverse scattering was having
his students design such reflectors - because the wave length
is small they don't have to be much bigger than say fuzz dice ;-).

rob
--
robert w. harrison n3ikc

harrison@asterix.jci.tju.edu
****

When in doubt, use brute force.
-- Ken Thompson

For every complex problem, there is a solution that is simple, neat,
and wrong.
-- H. L. Mencken

****

4155. Re: WTB:Radar Gun (Bill Nelson)

Newsgroup: rec.radio.scanner
Date: 1994-10-20 18:47:09 UTC
From: dtiller@cscsun.rmc.edu
Message-ID: <CxzIuL.MK6@cscsun.rmc.edu>
Source record: 266931

Scott (scott@hp8c.nrl.navy.mil) wrote:
: Hey Bill,

: I hate to break your bubble about radar jammers being illegal, they are not!
: If you check the FCC rules, you can tx <5 watt's and be legal.

Five Watts! Mind quoting chapter and verse? What band are you talking about?
By the way, interfering with a police officer while performing his duty is
illegal no matter how you accomplish it....
--
David Tiller | Network Administrator | Voice: (804) 752-3710 |
dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| Fax: (804) 752-7231 |
Don't let your SKS get | P.O. Box 5005 | ICBM: 37d 42' 43.75" N |
"Tainted with Defilement!" | Ashland, Va 23005 | 77d 31' 32.19" W |

4156. Re: Strange reception experience?

Newsgroup: rec.radio.scanner
Date: 1994-10-20 19:33:40 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.782681620@vela.acs.oakland.edu>
Source record: 266933

I heard Cleveland and buffalo on 157.100 and the C.G.from Canada was
either156.600 or 156.550.I also heard Toledo on 157.100.
Does anyone else monitor Great Lakes shipping traffic?
Good luck,Neil

4157. Re: Radio Shack sour grapes?

Newsgroup: rec.radio.scanner
Date: 1994-10-20 19:50:58 UTC
From: kentfitz@minerva.cis.yale.edu
Message-ID: <386hn2$9rq@news.ycc.yale.edu>
Source record: 266934

Berton Corson (g9153402@huey.csun.edu) wrote:

: Paul buys his expensive $350 scanner, he uses it for three hours, and
: then it turns back into a cheap, $50 CB radio. This is very simple,

Is this a software mod or do you have to clip a diode?

--
Kent Fitzgerald kentfitz@minerva.cis.yale.edu DoD #1367

4158. <$600 best scanner?/transceiver?

Newsgroup: rec.radio.scanner
Date: 1994-10-20 19:58:06 UTC
From: da5id@expert.cc.purdue.edu
Message-ID: <da5id.782682894@expert.cc.purdue.edu>
Source record: 266935

I would consult the faq, but... it's not here.

Please feel free to voice your opinions of the best scanners
and transceivers for under six-hundred bucks! I saved this much and
and am ready to buy buy. sorry sorry. Anyway, I am primarily
concerned with those special in-between freqs. that aren't available
on most conventional scanners, and so on.

I have been considering a TXer, and although I don't have a license right
now, I intend to get one in the near future. You don't have to post,
you could mail me at

da5id@expert.cc.purdue.edu thanx!

--
The toasters have been hypnotizing me again!
da5id@expert.cc.purdue.edu
Feel Free to educate me!
Ah...my long lost bowling ball...home again...jiggidy jig.

4159. Mods for PRO-2036??????

Newsgroup: rec.radio.scanner
Date: 1994-10-20 22:47:15 UTC
From: Solomon Fernblatt <76417.1733@CompuServe.COM>
Message-ID: <386s1j$e6u$1@mhadf.production.compuserve.com>
Source record: 266947

Well, I hope CI$ didnt post my last article. A bit of line noise and all...

at any rate... My Question: Does anyone have ANY mods for the uniden BC890xlt/
PRO-2036? Seems to be a nice scanner and all, but it NEEDS something...

Tom Norris
tnorris@ulibnet.mtsu.edu
badger@telalink.net

and of course: 76417.1733@compuserve.com

(just to see what it looks like to post from Compu$erve...)

4160. Bearcat Questions

Newsgroup: rec.radio.scanner
Date: 1994-10-20 23:10:34 UTC
From: snow.cat
Message-ID: <snow.cat-2010941810340001@firefly-slip.voicenet.com>
Source record: 266588

This post is for a friend. Please e-mail him directly. Thanks.

Is there any mods for the Bearcat 142XL and Bearcat 145XL?

One gets 16 channels, the other 10. Both circuit boards look
identical, though. Can I get the 10 channel model to receive
the full 16 channels?

Thanks for helping.

Terry Ryan

n3fih@locke.ccil.org

4161. Re: Scanners vs. Shortwave

Newsgroup: rec.radio.scanner
Date: 1994-10-20 23:10:50 UTC
From: rouse@mayo.edu
Message-ID: <386n6g$adm@fermat.mayo.edu>
Source record: 266683

Scanners are radios that are capable of storing at least 10 (I'm not sure of the exact number specified by law) frequencies and searching these frequencies for radio transmissions, stopping the search when radio traffic is detected and recieving this traffic. The exact frequencies scanned make no difference. The idea is to have a scanner capable of 50 -100 (however many you need), program in the frequencys of the local police, fire, sheriffs Depts and listen to the action. These radios may be capable of recieving cellular phone traffic, cordless phone traffic and other communications modes often thought to be secure, listening to some of these is illegal. Shortwave radio is rather vague in my mind, it is radio traffic in the 3.0 - 30 Mhz range. There are many international broadcasts in this range, also many amateur radio transmissions in this range. One of the reasons this frequency range is used is because the radio waves may bounce off of the ionosphere layer of the atmosphere and skip back to earth at some distant point to be received clearly. Shortwave radios usually must be manually tuned, but they may scan in the designated frequency range and a scanner may be capable of scanning shortwave frequencies.
Clear as mud, Sorry.

Mark

4162. **** FOR SALE: Realistic PRO-2025 Scanner ****

Newsgroup: rec.radio.scanner
Date: 1994-10-20 23:28:41 UTC
From: medic@connix.com
Message-ID: <386uf9$4b6@comet.connix.com>
Source record: 266936
Cross-posted to: rec.radio.scanner,rec.radio.swap,misc.forsale

****** FOR SALE: Realistic (Radio Shack) PRO-2025 Scanner ******

- Frequency Range: 33 - 54 Mhz (VHF Lo; Amateur 6M Band)
138 - 174 Mhz (VHF Hi; Amateur 2M Band)
380 - 510 Mhz (UHF Lo/Hi; Amateur 70cm Band)

- Unit in very good condition and never abused.
- Reliable and dependable.
- Includes mobile bracket.

Asking $90...payment by money order or COD (no checks please...)

--
=-=-=-

4163. **** FOR SALE: REALISTIC PRO-2025 SCANNER ****

Newsgroup: rec.radio.scanner
Date: 1994-10-20 23:43:54 UTC
From: medic@connix.com
Message-ID: <386vbq$4p8@comet.connix.com>
Source record: 266741
Cross-posted to: rec.radio.scanner,rec.radio.swap,misc.forsale,ne.forsale

****** FOR SALE: Realistic (Radio Shack) PRO-2025 Scanner ******

- Frequency Range: 33 - 54 Mhz (VHF Lo; Amateur 6M Band)
138 - 174 Mhz (VHF Hi; Amateur 2M Band)
380 - 510 Mhz (UHF Lo/Hi; Amateur 70cm Band)

- Unit in very good condition and never abused.
- Reliable and dependable.
- Includes mobile bracket.

Asking $90...payment by money order or COD (no checks please...)

--
=-=-=-

4164. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-20 23:47:26 UTC
From: g9153402@huey.csun.edu
Message-ID: <386vie$mtc@nic-nac.CSU.net>
Source record: 266951

Chris Hall (chall@server0) wrote:

> If they are incripted. Then the handheld (belt) PD radios will
> have to be able to decode them. If the PD radios can, then we can too,
> it is just a question of how complex of an encription and how good you
> are at electronics with this...

There's also the question if one police department goes digital, how in the heck will other police and fire depts hear it too? In L.A. County, you have zillions of police departments for different cities, and they do have to talk to one another often, for example, as criminals are trying to getaway and drive all over the place. Also, other agencies, and even some private agencies, do have a legitimate need to listen to this stuff, and sometimes transmit too. There will have to be some standardizing, which all communities can connect too. Otherwise, patrol cars would be weighed down with a 1,000 pounds of radio gear, trying to listen to all these different inter-agency transmissions. The costs would be enormous.
...just my thoughts.

4165. Re: San Jose Area Man busted for Cell phone cloning

Newsgroup: rec.radio.scanner
Date: 1994-10-20 23:51:14 UTC
From: Kevin Martinez <lps@rahul.net>
Message-ID: <CxzwxE.L6C@rahul.net>
Source record: 266964
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

crisp@netcom.com (Richard Crisp) writes:

>I just heard a report on CNN about a guy in San Jose, Ca that was busted
>today for cloning cell phones. According to the report, the man used a
>computer controlled scanner to intercept data and stored it in computer
>chips (geez what a horribly un-technical explanation designed to be
>digested by the average 70year old or 3rd grader).

>So there we have it guys, the radio equivalent of Patrick Purdy
>massacring children with an AK47 in a schoolyard in Stockton.

According to an article in the San Jose Cursory News, one of the charges
brought against these men for writing software that could communicate
with the phones and alter the ESN of the phone. Are these really crimes
just to write the software? Is this more scare tactics from Rhinehart
Gailen's SS? Perhaps all comm software should be outlawed... It is
conceivable that a virtual Patrick Purdy could be using MS-Windows
Terminal to clone OKI-900s or Nokias or.....

Oh No Mr. Bill (gates)!!!!!!!

Coming soon to a Police Department near you: The Great Scanner Roundup! (R)
Turn 'em in or Go To Jail!

Now Playing in Kalifornia: The 3 Reichs and You're Out Bill
with
Save our State (SS) Initiative

--

Kevin Martinez Fear the Government that fears your Scanner!
lps@rahul.net I owe all my success to Roly Poly Fish Heads!

4166. Re: CELL FREQUENCIES #S

Newsgroup: rec.radio.scanner
Date: 1994-10-20 23:53:04 UTC
From: g9153402@huey.csun.edu
Message-ID: <386vt0$mtc@nic-nac.CSU.net>
Source record: 266952

> >From: eliopoulos@gtec3.ndhm.gtegsc.com (Angelo Eliopoulos)
> >Subject: CELL FREQUENCIES #S
> >Date: Wed, 19 Oct 1994 11:02:45 -0500

> >DOES ANYONE HAVE THE FREQUENCIES NUMBERS FOR CELL FHONES???

> What?! You can pick up Cell phones on a scanner? What will they think of
> next?

> ...oh boy.

Yep. Try the 869 - 894 mhz range. NBFM in 30 khz steps, if possible.
Just don't tell no one, though. It's supposed to be illegal in the States.
Guess it's about time to post my listening spectrum list again.

4167. THE RADIO SPECTRUM

Newsgroup: rec.radio.scanner
Date: 1994-10-20 23:55:49 UTC
From: g9153402@huey.csun.edu
Message-ID: <387025$mtc@nic-nac.CSU.net>
Source record: 266954

THE RADIO SPECTRUM

This is an approximate look, to help in searching frequencies on a scanner or shortwave radio. Just be aware, having the right frequency may not be enough, in tuning to a certain frequency. The time of day, atmospheric conditions, location, mode you're in (AM, SSB, Narrowband FM, Wideband FM, etc.), and your equipment, are also equally important. You'll find most transmissions are broadcasted in Narrow-band FM. Some main exceptions are shortwave (AM & SSB), commercial AM radio (AM), commercial FM radio (Wideband FM), television (Wideband FM), citizens band radio (AM & SSB), aeronautical communications (mostly AM), and some military VHF/UHF (Wideband FM). Most all scanners will pick a default mode for you, depending on what frequency band you are in. But many scanners also let you manually switch between modes (AM, FM, etc.) and frequency search spacing (5 khz, 12.5 khz, etc.) if the default modes are not correct. Happy Listening!!!

FREQUENCY USES/SERVICES
(in Megahertz unless
otherwise indicated)
---

10 - 150 khz Military/government, submarine
(.01 - .15 MHz) communications.

150 - 535 khz Longwave Band, beacons, foreign broadcasts,
(.15 - .535 MHz) maritime.

535 - 1700 khz Your standard AM radio dial.
(.535 - 1.7 MHz)

1.7 - 30 Shortwave/High Frequency Band. Broadcasting,
two-way government, military and commercial
communications, amateur radio, CB radio (approx.
27 MHz), others.
Shortwave - Approx. Range Meter Band
1.8 - 2.0 160*
2.3 - 2.495 120
3.2 - 3.4 90
3.5 - 4.0 80*
3.9 - 4.0 75
4.75 - 5.06 60
5.9 - 6.2 49
7.0 - 7.3 40*
7.1 - 7.35 41

9.4 - 9.9 31
10.1 - 10.15 30*
11.6 - 12.1 25
13.57 - 13.87 22
14.0 - 14.35 20*
15.1 - 15.8 19
18.068 - 18.168 17*
17.48 - 17.9 16
18.9 - 19.02 15
21.0 - 21.45 15*
21.45 - 21.75 13
24.89 - 24.99 12*
25.6 - 26.1 11
28.0 - 29.7 10*
(In general, the lower shortwave frequencies
<higher meter band> are received better during
the night, while higher frequencies are re-
ceived better during the day. There are also
some amateur radio bands between many of these
shortwave bands(*). Consult a shortwave guide
for more detailed information.)

30 - 50 Very High Frequency Band. Government, business,
walkie-talkies. Also, cordless phones and
'baby monitors' found about 46 - 49 MHz.

50 - 54 Amateur radio 6 meter band.

54 - 72 TV Channels 2-4.
Channel 2 Audio (Wideband FM) 59.75
Channel 3 Audio (Wideband FM) 65.75
Channel 4 Audio (Wideband FM) 71.75

72 - 76 Manufacturing, remote control, eavesdropping
bugs, etc.

76 - 88 TV Channels 5-6.
Channel 5 Audio (Wideband FM) 81.75
Channel 6 Audio (Wideband FM) 87.75

88 - 108 Your standard FM radio dial.

108 - 136 Aeronautical communications (AM).

136 - 138 Satellites.

138 - 144 Military communications.

144 - 148 Amateur radio 2 meter band.

148 - 150.8 Military use.

150.8 - 174 Business, highway, law enforcement, government,
weather, maritime.

174 - 216 TV Channels 7-13.
Channel 7 Audio (Wideband FM) 179.75
Channel 8 Audio (Wideband FM) 185.75
Channel 9 Audio (Wideband FM) 191.75
Channel 10 Audio (Wideband FM) 197.75
Channel 11 Audio (Wideband FM) 203.75
Channel 12 Audio (Wideband FM) 209.75
Channel 13 Audio (Wideband FM) 215.75

216 - 220 Maritime and aeronautical.

220 - 222 Land mobile communications.

222 - 225 Amateur radio.

225 - 400 Military aviation and space.

400 - 406 Military and government.

406 - 420 U.S. Government.

420 - 450 Amateur radio.

450 - 470 Ultra High Frequency Band. Business, industry, military, fire, government.

470 - 512 TV Channels 14-20, shared with law enforcement.

512 - 824 TV Channels 21-69, others.

824 - 849 Cellular telephones (receivers/handsets).

849 - 851 Aeronautical telephones (ground-based towers).

851 - 866 Business, public safety, trunked systems.

866 - 869 Public safety, law enforcement, trunked systems.

869 - 894 Cellular telephones (towers).
Note: Even though listening to cellular telephone calls is technically illegal in the United States, one will usually do better listening to calls on the tower frequencies, as opposed to the handset frequencies. This is because most cellular phones transmit less than one-watt of output. So unless the cellular phone is very close to you, you will have much more luck scanning the more powerful towers, which transmit/receive for each cell site.

894 - 896 Aeronautical telephones (handsets).
Note: In scanning airplane telephones, you will usually do better listening to the handset frequencies, instead of the tower frequencies, unless you are very near a ground transmitter.

But, in any event, call traffic heard on handset frequencies (which are transmitted from a high-powered transmitter on the aircraft) you may hear nothing at all, or many conversations, depending on your location and time of day.

896 - 901 Private land mobil units.

902 - 928 Land mobile, amateur radio, personal communication units, cordless telephones.

928 - 932 Radio paging.

935 - 940 Business radio.

941 - 944 Government and non-government fixed services.

944 - 952 Broadcasters' studio-to-transmitter links.

952 - 960 Private fixed services, paging.

960 - 1240 Aeronautical navigation.

1240 - 1300 Amateur radio.

1300 - 1350 Aeronautical navigation.

1350 - 1400 Radio location.

1400 - 1427 Radio astronomy.

1427 - 1429 Point-to-point, mobile, space.

1429 - 1660.5 Various satellite transmission uses.

1660.5 - 1668.4 Radio astronomy.

1668.4 - 1700 Meteorological aids.

1700 - 1850 Meteorological satellites, U.S. Government.

1850 - 1990 Fixed point-to-point, microwave.

1990 - 2110 Broadcast studio-to-transmitter links.

(end)

4168. 2022 beep

Newsgroup: rec.radio.scanner
Date: 1994-10-21 00:05:05 UTC
From: airfed1@aol.com
Message-ID: <3870jh$u6@newsbf01.news.aol.com>
Source record: 266956

If anyone can advise me how to eliminate the keepad beep in the RS Pro 2022, please E-mail or post here.

Bob Klepner

4169. Any Pro-59 Mods out there???? Newsgroups: rec.radio.scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-21 00:18:24 UTC
From: jamesb@pacifier.com
Message-ID: <3871cg$u9e@news.pacifier.com>
Source record: 266709

```
--
-=-=-=-=-=-=-=-=-=-=-=-=-=-
\|/ ____ \|/
@~/ ,. \~@
/_( \__/ )_\ jamesb@pacifier.com
\__U_/
```

4170. Bearcat scanner keypads?

Newsgroup: rec.radio.scanner
Date: 1994-10-21 00:21:55 UTC
From: jockellp@iglou.iglou.com
Message-ID: <1994Oct21.002155.15461@iglou.com>
Source record: 266699

Does anyone have a source of keypads for the old Bearcat scanners,
specifically the BC-260 and BC-220?

Any help along these lines would be greatly appreciated.

Thanks,

Phil - N4GWV

--
N4GWV

4171. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-21 01:29:55 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <Cy01Hw.Ho6@news.Hawaii.Edu>
Source record: 266962
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

gary@ke4zv.atl.ga.us (Gary Coffman) writes:

> The FAA windshear measuring radar is also *not* laser. It's
>UHF RF at 449.0 MHz (right in the amateur 70 cm band's repeater input
>segment, not pretty).

This seems to be an incredibly dangerous choice of a frequency.
If a windshear is detected I believe a warning is automatically
transmitted to nearby aircraft, correct? Is it possible
for an HT to confuse the radar and trigger the system?

Jeff NH6IL

4172. Travelling across borders with the PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-10-21 02:07:31 UTC
From: hancock@access.mbnet.mb.ca
Message-ID: <3877p3$etm@canopus.cc.umanitoba.ca>
Source record: 266646

I am going to be in Chicago next week and thought I would take my scanner with me but I am unsure of what treatment I will receive from U.S. and Canadian customs. My Pro-43 hasn't been modded (yet) so it can't receive cellular.

Are there any Canadians or Americans out there that have travelled across the border with their scanner and experienced any problems? As long as I have my original purchase receipt will I be O.K? Hope there's someone out there that can enlighten me.

I would also appreciate it if someone could send me the police, fire, ambulance etc. freq.'s used in Chicago.

Thanks in advance.

Paul.
--

Paul Hancock
Winnipeg, Manitoba
Canada

4173. Re: San Jose Area Man busted for Cell phone cloning

Newsgroup: rec.radio.scanner
Date: 1994-10-21 02:09:27 UTC
From: Ed_Velez@smtp.svl.trw.com
Message-ID: <Ed_Velez-2010941809270001@macj703.svl.trw.com>
Source record: 266627
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

In article <crispCxwr1t.2zp@netcom.com>, crisp@netcom.com (Richard Crisp) wrote:

> I just heard a report on CNN about a guy in San Jose, Ca that was busted
> today for cloning cell phones. According to the report, the man used a

L.A. and N.Y. cloners are in for a big surprise. Technology is already in
place in the 2 markets to prevent cloners from using the systems. Plans
are to activate the new equipment very shortly. Will take some time to
disperse the wrong doings but will come none the less. Wish I could say
further. For those who recognize my address, you know what I'm talking
about...

--
Ed Velez / KD2PM "Yet another transplant NJ----->CA"
kd2pm@n0ary.#nocal.ca.usa
kd2pm@aol.com
Ed_Velez@smtp.svl.trw.com

4174. Pro-46 t-pad mod

Newsgroup: rec.radio.scanner
Date: 1994-10-21 02:14:21 UTC
From: dbarton@unix.cc.emory.edu
Message-ID: <38785t$8bg@emoryu1.cc.emory.edu>
Source record: 266635

--
"No free man shall ever be debarred the use of arms. The
strongest reason for the people to retain the right to keep and
bear arms is, as a last resort, to protect themselves against
tyranny in government." - Thomas Jefferson

"Sometimes, I guess, there just aren't enough rocks."
- Forrest Gump

4175. Pro-46 t-pad mod (Retry)

Newsgroup: rec.radio.scanner
Date: 1994-10-21 02:19:34 UTC
From: dbarton@unix.cc.emory.edu
Message-ID: <3878fm$fe7@emoryu1.cc.emory.edu>
Source record: 266649

Greetings. Since there have been some requests lately I thought I would repost this spiffy mod for the Pro-46. This will not restore full 800 MHz coverage, but it will restore the hole b/t 868.9375, and 896.1125 with straight 30 kHz steps. All standard disclaimers apply, including but not limited to the following:

It is not legal to listen to other people's telephone conversations with radio and/or scanner equipment. This modification is provided for information purposes only, not as an attempt to encourage people to commit illegal acts. No warranty is offered, or should be implied.

PRO-46 TOUCHPAD MOD

This mod will give you access to several frequencies not in the Pro-46's normal scanning range. It will require you to erase all currently entered frequencies, so I suggest that you write them down on paper *before* you begin this process.

1. Turn off the power.
2. While holding down the 2, 9, and L/Out keys, turn the power back on.

This will erase the currently entered frequencies, and input freq.s into the first 25 memories. Of particular interest are the freq.s in the following memories:

#14: 66.450
#15: 76.825
#16: 87.425
#23: 888.96

Each of these freq.s is outside of the normal scanning range of the unit. #14 and #16 are in the TV range, #15 is in the land mobile range, and #23 is in the cellular range.

To use any of these freq.s, first store them in a monitor memory,* then once you have reprogrammed your scanner you can place them into a regular memory. You can then use the manual scan feature to search through the ranges these frequencies give you access to. You still cannot enter frequencies in these ranges manually, but any freq. stored in a monitor memory can be transferred to a regular memory. Best of luck.

*To place into a monitor memory, open the squelch all the way (so you hear static) and push one of the arrow keys. This will start the manual scan feature, but the frequency should not change because the squelch is open. You can then press the Monitor button to store the freq.

Permission is hereby granted to copy, transmit, archive, or send this file by any medium as long as it is reproduced in its entirety. Many thanks to those who submitted the info originally (sorry I lost the names).

--
"No free man shall ever be debarred the use of arms. The strongest reason for the people to retain the right to keep and bear arms is, as a last resort, to protect themselves against tyranny in government." - Thomas Jefferson

"Sometimes, I guess, there just aren't enough rocks."
- Forrest Gump

4176. Re: Pro-46 t-pad mod

Newsgroup: rec.radio.scanner
Date: 1994-10-21 02:22:02 UTC
From: dbarton@unix.cc.emory.edu
Message-ID: <3878ka$fe7@emoryu1.cc.emory.edu>
Source record: 266650

dbarton@unix.cc.emory.edu wrote:

Wow! What an exciting mod!
Sorry for the wasted bandwidth, looks like the (Retry) did the trick.

4177. 824-851 MHz??

Newsgroup: rec.radio.scanner
Date: 1994-10-21 02:26:20 UTC
From: dbarton@unix.cc.emory.edu
Message-ID: <3878sc$fe7@emoryu1.cc.emory.edu>
Source record: 266651
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

Just out of curiosity, what is located in the 824-851 MHz range? I notice that most scanners do not cover this range. My guess is TV, but I am willing to be proved wrong. Thanks in advance...

Doug
--
"No free man shall ever be debarred the use of arms. The strongest reason for the people to retain the right to keep and bear arms is, as a last resort, to protect themselves against tyranny in government." - Thomas Jefferson

"Sometimes, I guess, there just aren't enough rocks."
- Forrest Gump

4178. 2006 mod question

Newsgroup: rec.radio.scanner
Date: 1994-10-21 02:36:25 UTC
From: dbarton@unix.cc.emory.edu
Message-ID: <3879f9$fe7@emoryu1.cc.emory.edu>
Source record: 266957

Just received my spiffy new 2006 from Marymac, and wanted to confirm something I thought sure I had saved. I know that clipping D502 (the lower diode when looking down into the case right?) restores full coverage of the 800 MHz band, but I think I remember that clipping the upper diode increases scanning speed. Is this true? How much faster does it go? Is there any possibility of damage to the unit at the faster speed? Why would they put in a diode to slow the thing down? Enquiring minds want to know!

I looked at several ftp sites, and found no mention of the speed enhancing mod, so someone with the knowledge and expertise might want to send it in.

One more question, what is in the range of 824-851 MHz anyway, and will this mod restore it in the 2006?

Thanks in advance for any help...

Doug

--
"No free man shall ever be debarred the use of arms. The strongest reason for the people to retain the right to keep and bear arms is, as a last resort, to protect themselves against tyranny in government." - Thomas Jefferson

"Sometimes, I guess, there just aren't enough rocks."
- Forrest Gump

4179. Re: pro-46 and pro-23 banned forever!

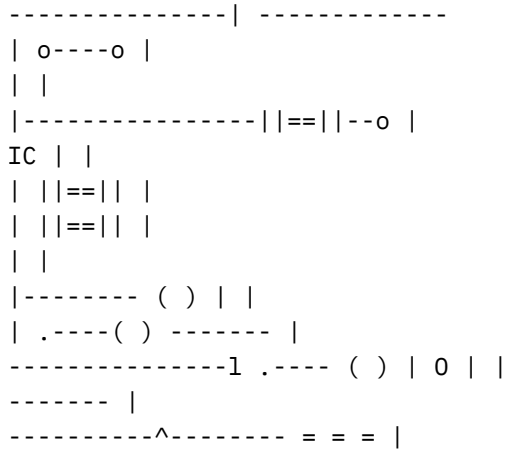
Newsgroup: rec.radio.scanner
Date: 1994-10-21 03:37:28 UTC
From: DPalmer@ix.netcom.com
Message-ID: <387d1o$fc@ixnews1.ix.netcom.com>
Source record: 266967

In <384jln$a5c@newsbf01.news.aol.com> n6002q@aol.com (N6002Q) writes:

>
>In article <x41yUtn.irvsmith2@delphi.com>, Irv Smith
><irvsmith2@delphi.com> writes:
>
>I have been off the net for approx. 7 months but I have a friend looking
>for the mod for the Pro-46 please tell me where I may find it or if it is
>short please respond via e-mail. Thanks in advance.
>

Here it is....
Modification of PRO-46 for full 800 Mhz coverage with 30 Khz stepping
available.

1. Remove the battery pack, battery door and antenna.
2. Remove the four black screws from the back of the radio, then
push upward on the bottom of the rear of the case, carefully
swinging it upward and removing it.
3. Carefully insert a small screwdriver between the two boards
next to the interconnect plug in the lower right corner. Gently
pry the top board up to separate it and set it aside.
4. Unsolder the copper-coated plastic shield from the microprocessor
and set it aside. ** CAUTION!! Too much heat will damage the
shield. **
5. Locate the two chip jumpers imprinted with "0". Carefully unsolder
and remove both.
6. Solder one chip jumper across the two upper most unused solder
pads. (Soldering a jumper across the lower two pads changes the
30-50 Mhz band to 68-88 Mhz.)
7. Reverse steps 1-4. The modification is completed.



David Palmer DPalmer@ix.netcom.com
Who Stole My Screwdrivers?

4180. Re: Pro-46 mod????

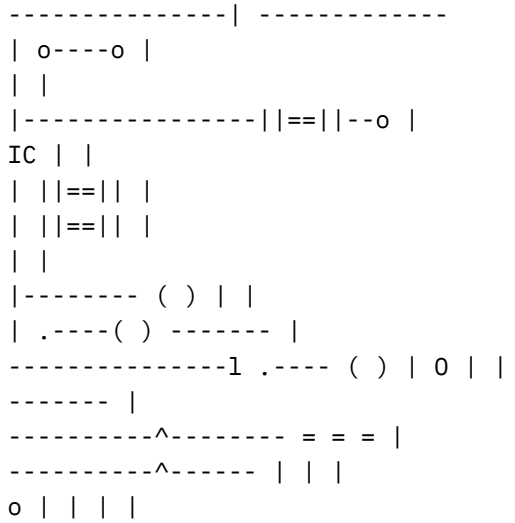
Newsgroup: rec.radio.scanner
Date: 1994-10-21 03:38:15 UTC
From: DPalmer@ix.netcom.com
Message-ID: <387d37$fh@ixnews1.ix.netcom.com>
Source record: 266968

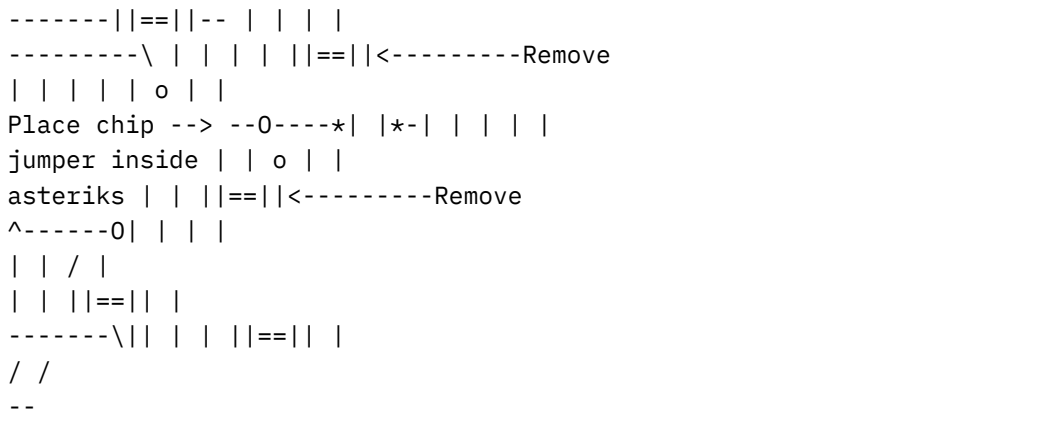
In <1994Oct20.184014.28951@pmafire.inel.gov> fwells@pmafire.inel.gov (Frank) writes:

>
>Being new to this newsgroup i am sure this has been asked 100's of
>times, I have searched Gopher and can't fimd the mod for the Pro-46. I
>would appreciate anyone either explaining the mod or telling me where I
>may find it in Gopher. Thanks in advance!!!!
>

2nd one tonight..here it is:
Modification of PRO-46 for full 800 Mhz coverage with 30 Khz stepping
available.

1. Remove the battery pack, battery door and antenna.
2. Remove the four black screws from the back of the radio, then
push upward on the bottom of the rear of the case, carefully
swinging it upward and removing it.
3. Carefully insert a small screwdriver between the two boards
next to the interconnect plug in the lower right corner. Gently
pry the top board up to separate it and set it aside.
4. Unsolder the copper-coated plastic shield from the microprocessor
and set it aside. ** CAUTION!! Too much heat will damage the
shield. **
5. Locate the two chip jumpers imprinted with "0". Carefully unsolder
and remove both.
6. Solder one chip jumper across the two upper most unused solder
pads. (Soldering a jumper across the lower two pads changes the
30-50 Mhz band to 68-88 Mhz.)
7. Reverse steps 1-4. The modification is completed.





David Palmer DPalmer@ix.netcom.com
Who Stole My Screwdrivers?

4181. Re: Pro-43 leather case?

Newsgroup: rec.radio.scanner
Date: 1994-10-21 03:53:03 UTC
From: woodman@coyote.rain.org
Message-ID: <woodman.782711413@coyote>
Source record: 266710

Gregory yea... you can call me Greg <gregmason@delphi.com> writes:

>Scanner cases? I got mine direct from the manufacturer. I've been happy
>with it. NOthing fancy 1/8 neoprene, and heavy nylon... nylon strap closes
>with velcro across the top of the case. I believe that i paid 18 dollars
>little over a year ago. There are no cutouts for the keypad or speaker,
>but this hasnt been a problem for me. You can reach the manufacturer at
>800.727.6824 i think that its 1.800.72-POUCH. It might be good for you
>to know the approximate dimensions of the scanner you want to fit, as this
>guy doesnt make his product specifically for the scanner market. He does
>however know how to fit the major models

I've had a couple these. he calls it The Pouch. All you have to do is
tell him the make and model. Good quality and they fit on my S&R gear
suspenders.

--
-- | ComputerFOCUS
Michael H. Woodill |
(805) 681- 8343 | Software Training For The Tri Counties Since 1988
woodman@rain.org | Novell Authorized Education Center

4182. FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-21 04:49:05 UTC
From: crisp@netcom.com
Message-ID: <crispCy0Apt.JwL@netcom.com>
Source record: 266749
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

We all knew it was coming, here it is:

Washington, DC -- If private encryption schemes interfere with the FBI's ability to wiretap, they could be outlawed, according to recent comments made by the agency's Director Louis Freeh.

Freeh told attendees here at the recent conference on Global Cryptography that if the Administration's Escrowed Encryption System, otherwise known as the Clipper Chip, failed to gain acceptance, giving way to private encryption technologies, he would have no choice but to press Congress to pass legislation that provided law enforcement access to *all* encrypted communications.

If, after having pushed Digital Telephony through Congress (which hadn't yet happened when Freeh spoke at this conference), all the Bureau ended up with during wiretaps were the scratchy hiss of digital one's and zeros being hurled back and forth, Freeh made it clear that he would seek a congressional mandate to solve the problem.

In other words: Roll your own coded communications; go to jail.

Freeh's comments, made during a question and answer session at the conference, are the first public statements made by an Administration official hinting at a future governmental policy that could result in the banning of non-governmental, unbreakable encryption methods.

Freeh's remarks were first reported on the WELL by MacWorld writer and author Steven Levy. The FBI confirmed those statements to Dispatch.

The Administration, however, continues to state that it has no plans to outlaw or place any restrictions on private encryption methods.

A White House official said there are "absolutely no plans" on the table to regulate domestic encryption "at the present time." He wouldn't comment, however, as to whether the Administration would back an FBI attempt for such legislation. "Freeh doesn't seem to need a lot of White House support," to get things done, the official said.

FBI sources said any moves to approach Congress about regulating private encryption are "so far out there" time wise, that the subject "doesn't merit much ink," as one FBI source put it. "We've got to make sure the telcos rig up their current networks according to the new [digital wiretap] law before we go worrying about private encryption stuff," he said.

An FBI spokesman confirmed Freeh's position that the Bureau would aggressively seek to maintain what the spokesman called "law and order objectives." If that meant getting laws passed so that the Bureau's "authorized wiretap activities" couldn't be thwarted by "criminal elements using non-governmental" encryption schemes, "then that's what he [Freeh] would do," the spokesman said.

When the Administration went public with its Clipper Chip policy, it stressed that the program would be mandatory. Many civil liberties groups wondered out loud how long it would be before private encryption was banned altogether. The White House, anxious for the public to buy into its one-trick pony the Clipper Chip, said that wouldn't happen.

But the Administration hedged its bet.

Buried in the background briefing papers of the original Clipper announcement, is a statement that the White House doesn't consider the public's right to use private encryption methods are protected anywhere in the Constitution.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

4183. Yupiteru MVT7100

Newsgroup: rec.radio.scanner
Date: 1994-10-21 05:45:51 UTC
From: fanfant@netcom.com
Message-ID: <fanfantCy0DCF.L3L@netcom.com>
Source record: 266757

Would appreciate any comments on this handheld. How reliable is this radio and is it worth $600???

-rob

fanfant@netcom.com

4184. Re: Hams and Scanners in the Car

Newsgroup: rec.radio.scanner
Date: 1994-10-21 06:07:46 UTC
From: MRBECKZ1@ulkyvm.louisville.edu
Message-ID: <170561DF4S85.MRBECKZ1@ulkyvm.louisville.edu>
Source record: 266963

Does anyone know the law in Kentucky about scanners in an auto, particularly
in Louisville? If not, where would be a good place to find out?


```
+---------------------------------------+ :^\ ______ .
| MARTY BECKER INTERNET: MRBECKZ1@ | |__`\________-'__:__;\ ___|
| LOUISVILLE, KY ULKYVM.LOUISVILLE.EDU |______`\_ ========= |)
| PPL:SEL COMPUSERVE: 74250,2712 | `~~~~~~~~------------'|
+---------------------------------------+ '
```

4185. Pro-43 Mods

Newsgroup: rec.radio.scanner
Date: 1994-10-21 08:22:41 UTC
From: streeter@nbnet.nb.ca
Message-ID: <streeter.12.0008610F@nbnet.nb.ca>
Source record: 266973

This file is meant to replace the old PRO-43 mod file. 17.12.92
==========
From: armille@afterlife.ncsc.mil (A. Ray Miller)
Summary: cellular (870-890 MHz) and low band (51-88 MHz) restoration for PRO-43

A few people have mentioned the cellular mod for the PRO-43; it turns out you should not remove but MOVE the diode. Doing so allows cellular coverage as well as low band (up to 88 MHz) coverage.

PRO-43
Cellular Frequency Restoration and Low Band Expansion

The following procedure requires familiarity with microcircuit soldering and will violate your warranty. Grove Enterprises assumes no liability resulting from its attempt, nor will accept the modified scanner for return under any condition.

TOOLS NEEDED: Fine point, low power soldering pencil; solder wick or a desoldering tool; pointed awl, hemostats or pointed tweezers; small Philips screwdriver; solder.

1) Remove the battery, antenna and back cover (held in place by four screws).

2) Remove the six screws holding the top circuit board in place. Carefully unsolder the two antenna connections from the board. Bend the antenna ground tab fully up from the board. Carefully lift the board, unplugging the black connector at its base, and lay the board out of the way on its bundle of colored wires.

3) Remove the two screws from the next board and lift it, carefully unplugging the white connector at the bottom of the board. Lift it up and lay it aside on its brown wire (which can be unplugged if necessary).

4) Unsolder and remove the metal shield from the final board, revealing the microprocessor; note the row of diodes labeled D1-D5 above it. Only diodes D1, D2, and D4 are present; assisted by a pointed tool, unsolder and remove D4, the lone diode (this restores cellular frequencies which will be searched in 30 kHz steps).

5) Resolder the removed diode carefully into position D3 to extend low band coverage to 88 MHz.

6) Reassemble the boards, paying particular attention to the alignment of the plugs. Test the radio by entering any frequency between 870 and 890 MHz (cellular) and 51-88 MHz (low band).

4186. Re: Pro 43- 400 Channels.

Newsgroup: rec.radio.scanner
Date: 1994-10-21 09:23:56 UTC
From: rkc@kaiwan009.kaiwan.com
Message-ID: <3881bc$4nl@kaiwan.kaiwan.com>
Source record: 266760

Richard Conner (rkc@kaiwan009.kaiwan.com) wrote:
: Perhaps you could send it to ftp site: cs.buffalo.edu:/pub/ham-radio/mods
ooops, make that: ftp.cs.buffalo.edu

4187. Fire pull boxes

Newsgroup: rec.radio.scanner
Date: 1994-10-21 09:25:24 UTC
From: scavanau@moose.uvm.edu
Message-ID: <1994Oct21.092524.23656@emba.uvm.edu>
Source record: 266758

In my area, all the fire pull boxes have an antenna like "thing"
protruding from the top of every box. It always made me curious, yet two
seconds later I'd forget all about it.

Then it donned on me that every time a dispatcher sends the trucks
rollin' for a box alarm, they always say "radio box alarm".

Hmmm...

Does anyone know which freq. range this might be in ??

I imagine the only thing you might hear is a sequenced no. of tones
indicating which box is activated but I still have that yearn to know more...

I just need to know what is ...

Thanks

4188. Re: 824-851 MHz??

Newsgroup: rec.radio.scanner
Date: 1994-10-21 09:53:43 UTC
From: jcosiman@clark.net
Message-ID: <388337$96t@clarknet.clark.net>
Source record: 266746

dbarton@unix.cc.emory.edu wrote:
: Just out of curiosity, what is located in the 824-851 MHz range? I
: notice that most scanners do not cover this range. My guess is TV, but I
: am willing to be proved wrong. Thanks in advance...

Cellular. More specifically, the handset to the tower. You'll be able to
hear one way conversatons here, tho its illegal

--
+---+
| jcosiman@clark.net - jcosimano@his.com |
| ^^^^^^^^^^^^^^^^^^ |
| Finger for PGP public key |
+---+

4189. Re: Baltimore Area Info Wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-21 10:00:16 UTC
From: jcosiman@clark.net
Message-ID: <3883fg$96t@clarknet.clark.net>
Source record: 266751

Greg Ricker (aa357@yfn.ysu.edu) wrote:

: I'm looking for frequencies, station numberings and locations, and
: apperatus numberings and locations for the Baltimore City and County area.

That's a pretty broad area of stuff. My best reccomendation would be
Police Call and/or Beyond Police Call.

Baltimore City Police are in the 453-454 ish range. Baltimore _County_
Police use an 800 mHz trunked system. City fire depts are 154-154 ish range.

Hope this helps.

--
+---+
| jcosiman@clark.net - jcosimano@his.com |
| ^^^^^^^^^^^^^^^^^^ |
| Finger for PGP public key |
+---+

4190. Re: ELIMINATE ALT.RADIO.SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-10-21 10:05:31 UTC
From: jcosiman@clark.net
Message-ID: <3883pb$96t@clarknet.clark.net>
Source record: 266750

Chris Hall (chall@server0) wrote:

: I currently read both, and this doesn't bother me. What does bother
: me is when I read the same post twice. If everyone wants to post on
: both, I think we should have just rec, otherwise -- let's keep'em separated!

Isn't this issue brought up every two weeks? I read them both, and find
useful information in both. What I _don't_ want to see in a.r.s is
crossposts of requests for mods, WTB reqs, and other such posts. _That_,
IMHO, is a waste of bandwidth

--
+---+
| jcosiman@clark.net - jcosimano@his.com |
| ^^^^^^^^^^^^^^^^^^ |
| Finger for PGP public key |
+---+

4191. Re: 824-851 MHz??

Newsgroup: rec.radio.scanner
Date: 1994-10-21 11:04:18 UTC
From: mulligan@ACM.ORG
Message-ID: <38877i$8ps@hopper.acm.org>
Source record: 266971

> Just out of curiosity, what is located in the 824-851 MHz range?

From the file fcc.allocations on oak.oakland.edu:

806 - 896 MHz: FM @ 25 kHz steps (mobile 806-851, base 851-896)
....
824.040 - 834.360 Cellular Telephone (30 kHz steps)
834.390 - 835.620 Cellular Telephone (data) (30 kHz steps)
835.650 - 848.970 Cellular Telephone (30 kHz steps)
849.000 - 851.000 Aircraft Telephone (6 kHz steps - AM)
....

4192. AOR 1500 questions

Newsgroup: rec.radio.scanner
Date: 1994-10-21 11:12:17 UTC
From: hoey_s@kosmos.wcc.govt.nz
Message-ID: <3884ac$jja@golem.wcc.govt.nz>
Source record: 266969

Hi. I have an AOR 1500. I have several questions. In the USA are there frequencies which are "missing" on the AOR 1500? Mine has all it's brains there, I'm curious about what they sell in the US.

Next, is there some "trick" which will allow me to clear all the programmed channels on the AOR1500? It's pretty tedious if you decide to re-arrange everything and want to clear everything.

Lastly, along the lines of the previous question, are there any undocumented key combos that I might be interested in?

Thanks. Oh, one last comment, this is one of the most useful newsgroups I have encountered so far!!

4193. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-21 11:40:49 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <782739649snz@javiaton.demon.co.uk>
Source record: 266609

In article <crispCxIro5.Kxq@netcom.com> crisp@netcom.com "Richard Crisp" writes:

Hi Richard,

Something to keep you busy then for half an hour or so on a dark
night then after your next visit to Japan.....

> >The "Japanese" version of the IC-R7100 has quite a few gaps &
> >does delete the Japanese cordless phones, cellular and other "personal"
> >bands. Frequencies covered when taken out of the box are:-
> >
> > 25.00 ~ 252.90
> > 255.10 ~ 261.90
> > 266.10 ~ 270.90
> > 275.10 ~ 379.90
> > 382.10 ~ 411.90
> > 415.10 ~ 809.90
> > 834.10 ~ 859.90
> > 889.10 ~ 914.90
> > 960.10 ~ 1000.00
> >1240.00 ~ 1300.00 (1999.99)

[snip]

> How about posting the specific mod for the netters to file away for the rainy
> day?
>

My service manual is away with a friend at the moment but from my
scribble notes......

Remove the front panel from the radio and gain access to the
logic board which is behind the LCD display etc. You need to
locate pads A7 & V3.

I can't remember if the pads are labeled, if not you will need
the service manual (obtainable from Icom) and locate pads A7 & V3.
These are (were ?) unused ! Use a short jumper from the right
hand side of A7 to the right hand side of V3.

Thats it - continious coverage on the Japanese versions.

I have not seen the "inside" of the Japanese one for some time -
things may have changed by now !

--
Cheers,
/--\

```
| Jonathan Clough, |"How important is an airplane's appearance" ? |
| Javiation, Bradford, UK |"Its important to me. My wife tells me that if|
| Compu$$erve: 100117,535 | it doesn't look good, it won't fly good. |
| Internet: | That's good enough for me" - Kelly Johnson |
| Clough@javiaton.demon.co.uk| Designer of the Lockheed SR-71 |
\-----------------------------------------------------------------------/
```

4194. only one complaint about HTX-202 :)

Newsgroup: rec.radio.scanner
Date: 1994-10-21 12:42:31 UTC
From: jeffp@access4.digex.net
Message-ID: <jeffp.782743175@access4>
Source record: 266827

The only problem I have with my HTX is that I can't, while using my Icom EM-46 mic, have just the microphone plugged in. This would allow me to hear incoming over the bigger, louder speaker, yet not have to pick up the radio to transmit.

I figure the only way out of this will be to build myself a little patch cable.

JeffP
n3top

4195. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-21 12:45:18 UTC
From: jat741@rs740.gsfc.nasa.gov
Message-ID: <jat741.76.002F511B@rs740.gsfc.nasa.gov>
Source record: 266831
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <crispCy0Apt.JwL@netcom.com> crisp@netcom.com (Richard Crisp) writes:

>We all knew it was coming, here it is:

>
> Washington, DC -- If private encryption schemes interfere with
> the FBI's ability to wiretap, they could be outlawed, according
> to recent comments made by the agency's Director Louis Freeh.
>

Richard (et al.)

Pray tell, what is it that you are doing that

a) You need to encrypt your transmission and

b) You don't want the government to find out what you're sending.

Perhaps you should rethink your angle on this. If you had a blanket covering a bunch of "stuff" in the back seat of your car, wouldn't you expect the local authorities to become suspicious? What if you didn't allow them to look underneath, even with a warrant?

Please don't get me wrong - I don't particularly like the idea of any "backdoor" on encryption. In fact, if the legislation comes up to outlaw private encryption, I'll be calling my rep on the hill to voice my opposition. All this just makes you sound very suspicious...

Jordan Truesdell | NASA - Goddard Space Flight Center
jat741@rs740.gsfc.nasa.gov | Mars and Freedom for just $0.25 a day

4196. Re: 824-851 MHz??

Newsgroup: rec.radio.scanner
Date: 1994-10-21 12:46:52 UTC
From: dmiller@crl.com
Message-ID: <388d7s$iqb@crl.crl.com>
Source record: 266826
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

dbarton@unix.cc.emory.edu wrote:
: Just out of curiosity, what is located in the 824-851 MHz range? I
: notice that most scanners do not cover this range. My guess is TV, but I
: am willing to be proved wrong. Thanks in advance...

The cellular radio mobile transmit range is 824 to 849 MHz. The cellular base stations transmit from 869 to 894 MHz. A few years ago, it became illegal to sell scanners that cover these ranges. More recently, it became illegal to sell scanners that are *easily modifyable* to cover these ranges.

I don't know whether it is legal or not to sell frequency block converters that would simply move these bands to where scanners could pick them up. Does anyone know?

Later,

--

Don Miller My opinions are my own!
dmiller@crl.com

4197. Re: Hams and Scanners in the Car

Newsgroup: rec.radio.scanner
Date: 1994-10-21 13:12:47 UTC
From: davidm@iglou.com
Message-ID: <FvxfkK7gXjIB073yn@iglou.com>
Source record: 266773

In article <jim-191094111753@jimsmac.ttech.com>, jim@ttech.com (Jim Wayda) wrote:

> Like many others that post to this newsgroup, I am a licensed ham radio
> operator. I know that many states have laws against using a scanner in a
> vehicle. I have the following questions:
>
> 1. Does the law refer to mobile scanners and therefore exempt handhelds?

The last few weeks I have been working on a FAQ covering scanner laws.
According to everything I have assembled, all of the states that ban scanners
in cars exempt licensed hams from that law (provided you're not using your
scanner to facilitate another crime). There may, however, still be local city
and county ordinances that may cause you some problems.

> 2. I believe that my FCC ham license exempts me from the law regarding
> using a scanner in a vehicle. Am I correct?

No. The FCC ruling only covers using ham tranceivers that also, by design,
receive other out of band frequencies. It does NOT give you blanket permission
to install a PRO-2006 in a car. And before anyone asks, or claims, no, the
FCC does not consider a HT attached to a scanner with tape to be a transceiver.

And, as usual, please consider this my usual disclaimer that I am not an
attorney and none of this should be taken as legal advise, etc etc etc. One of
these days I'll get around to putting this into the .sig file...

David KD4RMW
davidm@iglou.com

4198. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-21 13:30:05 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1994Oct21.133005.22689@ke4zv.atl.ga.us>
Source record: 266575
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <Cy01Hw.Ho6@news.Hawaii.Edu> jeffrey@math.hawaii.edu writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>> The FAA windshear measuring radar is also *not* laser. It's
>>UHF RF at 449.0 MHz (right in the amateur 70 cm band's repeater input
>>segment, not pretty).
>
>This seems to be an incredibly dangerous choice of a frequency.

Tell me about it, it's certainly dangerous to my repeater.

>If a windshear is detected I believe a warning is automatically
>transmitted to nearby aircraft, correct? Is it possible
>for an HT to confuse the radar and trigger the system?

No, these systems do not automatically transmit warnings. That's
a different short range system used on airport property. These
big honkers run megawatts ERP firing straight up from "rural"
sites. They are used to do atmospheric profiles looking for
conditions that promote windshear.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4199. Question on Freq downcoverters

Newsgroup: rec.radio.scanner
Date: 1994-10-21 14:03:24 UTC
From: tbohr1@ed8751.pto.ford.com
Message-ID: <388hnc$cj8@ef2007.efhd.ford.com>
Source record: 266766

Hello all:

I've heard of freq downconverters (especially for 800 Mhz cellular down to 400 Mhz). My question is:

Knowing the step size is 30 Khz in the cellular range, does the freq converter somehow maintain this in the 400 Mhz range? My suspicion is NO, and that at best you'd get only a fraction of the full range in 400 Mhz (like getting images + or - 21.xx Mhz away from 869-896). Anyone have any real experience w/ this?

Thanks
Tim

4200. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-21 14:11:57 UTC
From: zlau@arrl.org
Message-ID: <1994Oct21.141157.5585@arrl.org>
Source record: 266618

bill nelson (billn@hpcvaac.cv.hp.com) wrote:
: zlau@arrl.org (Zack Lau (KH6CP)) writes:
: : bill nelson (billn@hpcvaac.cv.hp.com) wrote:
: : : No way. They are under 1 watt - with a horn antenna that amplifies the
: : : signal (by making it much more directive) by about 100 times. I seem to
: : : recall that they were around 100 mw - which would mean the effective
: : : radiated power would be about 10 watts - at the mouth of the horn.
: :
: : This isn't right. The mouth of the horn is too close for the
: : gain to fully develop--you are still in the near field region.
: : Otherwise, you could run into the paradox of two horn antennas
: : being close together, and getting more energy out of the
: : antennas than you put in.

: The point was, that would be the erp. The actual power is still
: 100 mw. Whether the erp is developed at the mouth of the horn, or
: 500 feet away is immaterial to the argument.

True, the ERP isn't relevant. But quoting it make peoples think
that it is. And getting the theory wrong only adds to the confusion.

What is material is the field strength, in power/area.

If you have 100 mW going through a little waveguide, perhaps only
2 cm^2 in area, you have a whopping 50 mW/cm^2. Now, if you
spread out the enery with a 10 x 10 cm horn, it drops to roughly
1 mW/cm^2. And if spread it out over a really big dish....

True, the energy density isn't uniform, but I think this
is close enough for people to understand why little antennas
can be more dangerous than those huge dishes, at least
in terms of radiation hazards.

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

4201. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-21 14:25:37 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.514.000E6DB9@ccm.hf.intel.com>
Source record: 266842
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <crispCy0Apt.JwL@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>
> When the Administration went public with its Clipper Chip policy,
> it stressed that the program would be mandatory. Many civil
> liberties groups wondered out loud how long it would be before
> private encryption was banned altogether. The White House, anxious
> for the public to buy into its one-trick pony the Clipper Chip,
> said that wouldn't happen.

This is so stupid and short sighted! Let's see here...
The FBI suspects major illegal stuff going on so they tap their comms.
Ooops, they are crypto!
So, Mr. FBI agent knocks on their door and says, "I can't tap your lines,
could you please stop encrypting your communications? If not I'll have to
arrest you."
Either way they have blown their case for the major crimes.

So how is this law ever going to be used?

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

4202. Re: Pro-43 leather case?

Newsgroup: rec.radio.scanner
Date: 1994-10-21 14:26:09 UTC
From: sternk@alumni.cs.colorado.edu
Message-ID: <388j21$2v9@csnews.cs.Colorado.EDU>
Source record: 266772
Body handling: HTML body converted to readable text

In article , Woodman wrote:
writes:
<
<>Scanner cases? I got mine direct from the manufacturer. I've been happy
<>with it. NOthing fancy 1/8 neoprene, and heavy nylon... nylon strap closes
<>with velcro across the top of the case. I believe that i paid 18 dollars
<>little over a year ago. There are no cutouts for the keypad or speaker,
<>but this hasnt been a problem for me. You can reach the manufacturer at
<>800.727.6824 i think that its 1.800.72-POUCH. It might be good for you
<>to know the approximate dimensions of the scanner you want to fit, as this
<>guy doesnt make his product specifically for the scanner market. He does
<>however know how to fit the major models
<

4203. Re: Fire pull boxes

Newsgroup: rec.radio.scanner
Date: 1994-10-21 14:32:46 UTC
From: <>
Message-ID: <388jee$2fg@wizard.uark.edu>
Source record: 266832

scavanau@moose.uvm.edu (Shannon P. Cavanaugh) writes:

>Then it donned on me that every time a dispatcher sends the trucks
>rollin' for a box alarm, they always say "radio box alarm".

>Does anyone know which freq. range this might be in ??

Seems to me that there are some assignments for radio boxes in the 72-76
MHz band. Good luck ...

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

4204. Re: faxes from immarsat

Newsgroup: rec.radio.scanner
Date: 1994-10-21 14:41:04 UTC
From: gary@phoenixs.co.uk
Message-ID: <314521569wnr@phoenixs.co.uk>
Source record: 266684

In article: <89BF4EA.000B002A32.uuout@nccbbs.com> ric.topp@nccbbs.com (RIC TOPP) writes:
>
>
> >/Does anybody out there scan the frequencies of IMMARSAT ?.
> >/I have heard rumours of programmes around to copy faxes from the satellites
> >/but as yet have not seen one. Where HF faxes are a broadcast to all, the
> >/satellite faxes are to a particular machine and therein lies the challenge.
> >/
> >/
> >Yes - try some of these(see below).
> >There is a program to decode weather fax with a sound blaster board.
> >The author Paul Hitchcock can be found at "paulhtc@netcom.com" for
> >download information.
>
> Paul, can you please send me information regarding your program???
> I'm very interested in receiving the fax's but don't have a clue
> how do do it. I currently have a PRO-43 and a regular sound blaster.
>
> Thanks in advance...Ric
>

Better still could you post it to the group as I would like to know who
to too. I have got a simlar setup as above.

Cheers

Gary
-=-

Gary Smith | Phoenix Software
Technical Support Engineer | Tel 0759 304885
gary@phoenixs.co.uk | Fax 0759 304341

4205. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-21 14:54:10 UTC
From: fd@wwa.com
Message-ID: <388kmi$iu2@sashimi.wwa.com>
Source record: 266974
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

Richard Crisp (crisp@netcom.com) wrote:
: We all knew it was coming, here it is:

: -----

:
: Washington, DC -- If private encryption schemes interfere with
: the FBI's ability to wiretap, they could be outlawed, according
: to recent comments made by the agency's Director Louis Freeh.
:
: Freeh told attendees here at the recent conference on Global
: Cryptography that if the Administration's Escrowed Encryption
: System, otherwise known as the Clipper Chip, failed to gain
: acceptance, giving way to private encryption technologies, he would
: have no choice but to press Congress to pass legislation that
: provided law enforcement access to *all* encrypted
: communications.

Wiretaps can be used only on selected crimes... name, the serious felonies,
the ones with harsh punishment...

Now, do you think the FBI will want to prosecute a suspect drug dealer or
murderer that would get a life sentence for the real crime, a relatively
minor crime of using encryption equipment? Ha... hell no....

But, joe blow, hobbyists who just happens to encrypt something, and the
FBI runs across it by "accident" is looking at a stiff sentence compared
to his actual crime...

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback?
email for uuencoded .TIF of T-Shirt Honoring the FBI
Remember, fd _IS FOR_ Full Disclosure!

4206. Re: Radio Shack sour grapes?

Newsgroup: rec.radio.scanner
Date: 1994-10-21 15:36:36 UTC
From: tharrell@nmsu.edu
Message-ID: <388n64$4vo@dns1.NMSU.Edu>
Source record: 266610

Kent Fitzgerald (GD 1994) (kentfitz@minerva.cis.yale.edu) wrote:
: Berton Corson (g9153402@huey.csun.edu) wrote:
: : Paul buys his expensive $350 scanner, he uses it for three hours, and
: : then it turns back into a cheap, $50 CB radio. This is very simple,

: Is this a software mod or do you have to clip a diode?

Sounds like Paul there already has a few too many clipped diodes... :)
--

| T.J. Harrell III http://rever.nmsu.edu/~weasel weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |

4207. Re: Yupiteru MVT7100

Newsgroup: rec.radio.scanner
Date: 1994-10-21 15:39:30 UTC
From: horak@convex.com
Message-ID: <388nbi$sng@eugene.convex.com>
Source record: 266604

In <fanfantCy0DCF.L3L@netcom.com> fanfant@netcom.com (Robert Fanfant) writes:

>Would appreciate any comments on this handheld. How reliable is this
>radio and is it worth $600???

>fanfant@netcom.com

Good sensitivity. Picks up 100KHz to 1.65GHz Scans 30 CPS. Has 1000
memories. Real nice radio. The only thing I hate about it is that it
has a mandatory 2 second minimum delay before scan resumes. This
absolutely sucks for scanning 800MHz trunked stuff. Also, if you're
into the 800 MHz cell band, you;ll have to use 10 KHz steps (no option
for 30 KHz steps). This, along with the slow scan rate really makes
for slow scanning through the cell band. I've noticed images 455MHz up
from the actual locations in the UHF band.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

4208. AR 1000 modification sucessful

Newsgroup: rec.radio.scanner
Date: 1994-10-21 15:50:11 UTC
From: wbishop@netcom.com
Message-ID: <wbishopCy15Bo.1vL@netcom.com>
Source record: 266676

I just took my old AR 1000 and found the frequency extention mod on
Cserve that extendes the range down from 8 MHZ to 500 Khz and allows
scanning from 500 Khz to 1.3 Ghz with no gaps. Takes care of that
600-700mhz gap that you could manually step thru but not scan too.

Its great!
Essentialy this mod turns an AR 1000 into an AR 1000xlt with NO GAPS in
the frequency range..
Looking for a computer interface mod if one exists...

4209. Re: AR1000XLT info needed....

Newsgroup: rec.radio.scanner
Date: 1994-10-21 15:52:36 UTC
From: wbishop@netcom.com
Message-ID: <wbishopCy15Fp.217@netcom.com>
Source record: 266677

Malxndr (malxndr@aol.com) wrote:
: In article <1994Oct19.104853.34388@waikato.ac.nz>, terupe@waikato.ac.nz
: writes:

: >Re: your interest in finding how-to info on AOR1000XLT.

: Design Equilibirium in Menlo Park (sorry, don't have number) sells a Guide
: to AR1000. It's flawed in a few places with incorrect info. but it gives
: you more than enough stuff to use your scanner. Sells for about $15 (over
: priced by a few bucks). Plenty of mail order places sell it--Grove, for
: example.
According to 411, Design doesnt exist in Menlo Park...

4210. Re: Info Wanted...

Newsgroup: rec.radio.scanner
Date: 1994-10-21 16:28:26 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cy173E.F9u@nntpa.cb.att.com>
Source record: 266680
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <94102110000094074@cjewel.com>,
Don Skodny <don.skodny@cjewel.com> wrote:

>I need some help in finding the location of transmitter sites for NOAA
>Weather Radio, particularly in Florida, Georgia and Alabama. Is there a
>list available?
>Also, are they
>using only the 162.400, 162.475 and 162.55 frequencies...or are there
>others? Thanks, guys... Don KE4PLP

You want the booklet entitled "NOAA Weather Radio - The Voice
of the National Weather Service."

Although the booklet is a few years old, it lists stations on 7 freqs:
162.55, 162.4, 162.475, 162.425, 162.45, 162.5, and 162.525 MHz.

The following markings appear on the back of my pamphlet:

NOAA/PA 76015
Rev. July 1988
US GPO:1990 0 -254-066

The pamphlet says a listing of NOAA Weather Radio receiver
manufacturers is available by writing to National Weather
Service (Attn: W/OM11), National Oceanic and Atmospheric Administration,
Silver Spring, MD 20910. Perhaps you can obtain more pamphlets
from that address, too.

These are federal radio stations, not licensed by the FCC.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

4211. Re: 2006 mod question

Newsgroup: rec.radio.scanner
Date: 1994-10-21 16:33:02 UTC
From: shawn4sk1@aol.com
Message-ID: <388qfu$idu@newsbf01.news.aol.com>
Source record: 266605

You diode info is correct, clipping does no damage, only one can guess why they slowed it down, approx 10-15% speed increase, see the post today discussing the 800 range allocation.

:-)

soliver

4212. Re: Fire pull boxes

Newsgroup: rec.radio.scanner
Date: 1994-10-21 16:43:12 UTC
From: zenith89@bnr.ca
Message-ID: <zenith89-211094124313@47.80.2.73>
Source record: 266835

In article <1994Oct21.092524.23656@emba.uvm.edu>, scavanau@moose.uvm.edu (Shannon P. Cavanaugh) wrote:

> In my area, all the fire pull boxes have an antenna like "thing"
> protruding from the top of every box. It always made me curious, yet two
> seconds later I'd forget all about it.
> Then it donned on me that every time a dispatcher sends the trucks
> rollin' for a box alarm, they always say "radio box alarm".
> Does anyone know which freq. range this might be in ??

Suggestion: get a frequency counter, put it CLOSE to the alleged antenna and then pull the fire alarm. Get the frequency... and then leave quickly. :-)

Some apartment buildings where I live now put "invisible dye" on pull stations now, "invisible" meaning visible only under ultraviolet light. Guess they got tired of "invisible" fires. So you may want to wear gloves. :-)

--
Chris Van Fleet, Bell Northern Research.
Phone (613) 763-7541, fax (613) 763-7383.
Internet: zenith89@bnr.ca or ba794@freenet.carleton.ca

4213. Bearcat 210 Mods

Newsgroup: rec.radio.scanner
Date: 1994-10-21 16:55:20 UTC
From: viacom@netcom.com
Message-ID: <viacomCy18C8.MBK@netcom.com>
Source record: 266857

I tried posting this in alt.radio.scanner a couple of times but had no responses. I have an *old* Bearcat 210 (not a 210XL) ten channel scanner that I'd like to do some work on. If there are some frequency extension mods I'd like to hear about them but what I'd really like to do is install a signal strength meter.

I've played around with the design of HF antennas in the past and have thought about designing something that would work with my scanner. It's pretty difficult to tune an antenna though if you can't measure signal strength. I'm also considering building a directional antenna so a measure of signal strength is important in that regard as well.

So, can anyone help me out? At the very least, I'd be interested in getting a schematic for this radio.

Thanks,

--
John Fereira
Pleasanton, CA

4214. Re: Radio Shack sour grapes?

Newsgroup: rec.radio.scanner
Date: 1994-10-21 17:19:38 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <388t7a$msh@tiger1.ocs.lsu.edu>
Source record: 266616

Ok,if no one going to give Paul a little sympathy, I guess I will.

Paul: if that really happened, give 'em as much hell as you can muster.
Go as high above the salesman's head as possible. Radio Shark has
a habit of trying to nickle and dime people. If they can get rid of
a display unit or a defective unit by telling the customer that it's the
only one in stock or neglecting to tell the customer that the unit had
been brought back. As a rule, I regard all those weasles with suspicion.
The only ones I actually listen to are the ones that I have had prior
experience with, and blow off the rest. I swear I have never seen a
national chain have such consistently untrustworthy salesmen as
Radio Shark (yes, I have lived in other states MS,TX,GA) and the song
remains the same. They seem to be trained in sales rather that
electrical theory or signal propagation or ANYTHING RELEVENT TO WHAT
WE GO IN THERE FOR....

I buy resistors and other small components from them because it's convenient
and I know EXACTLY what i'm paying for.Thank God for that, because I had
a salesman SWEAR to me that the little "m" as on a "500mA wall adaptor"
meant "MEGA". That's a difference that could cause some problems.

4215. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-21 17:56:35 UTC
From: laird@pasture.ecn.purdue.edu
Message-ID: <388vcj$6tq@mozo.cc.purdue.edu>
Source record: 266620
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

jat741@rs740.gsfc.nasa.gov (Truesdell, Jordan) writes:

>Perhaps you should rethink your angle on this. If you had a blanket covering a
>bunch of "stuff" in the back seat of your car, wouldn't you expect the local
>authorities to become suspicious? What if you didn't allow them to look
>underneath, even with a warrant?

Good point! And, hey - what about those goof-balls that pull their
drapes at night?! What is it they're trying to hide? If people
need privacy, they should be required to tell everyone why and get
a permit for it.

--kyler

4216. Re: The one-issue election...

Newsgroup: rec.radio.scanner
Date: 1994-10-21 18:01:33 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <388vlt$2mnl@yuma.ACNS.ColoState.EDU>
Source record: 266836
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <cjs9.146.000CA342@cornell.edu> cjs9@cornell.edu (Carl Steckler) writes:
>>I WILL VOTE FOR NO INCUMBENT IN WASHINGTON, I SUGGEST YOU ADOPT THE SAME
>>POLICY>
>>Richard Crisp Cupertino, Ca. crisp@netcom.com

>Right on Rich, RE-ELECT NO ONE!
>Carl (ex-jarhead) Semper Fi

I'd say don't vote for anyone with a D or an R after their name, regardless
of their incumbancy.

4217. Re: DT Bill

Newsgroup: rec.radio.scanner
Date: 1994-10-21 18:06:29 UTC
From: billsohl@earth.planet.net
Message-ID: <388vv5$s5s@jupiter.planet.net>
Source record: 266833

Jeffrey Starin (starin@netcom.com) wrote:
: I've been following to the best of my ability the information posted here
: about the DT bill. Can someone please clear up the confusion, as follows:

: Is it, or isn't it illegal to use a scanner in combination with a computer?

Simple answer (sometimes) as it depends on exactly what you
are doing. The mere interconnecting or
interfacing of a computer to a scanner is not illegal.

: Is it, or isn't it illegal to monitor frequencies which contain digital
: data?

Again, only sometimes, depending on what the data represents.
If the "data" is digital speech on a cellular call, it is
illegal, other data monitoring (weather satellite data, etc.)
is certainly legal.

: Very simple questions. Are the answers as simple, though?

But alas, the simple questions often have the most complex
answers because it just isn't as simple as it seems :-)

--
Bill Sohl K2UNK (billsohl@planet.net)
Budd Lake, New Jersey

4218. Re: Hams and Scanners in the Car

Newsgroup: rec.radio.scanner
Date: 1994-10-21 18:24:15 UTC
From: vhealey@crl.com
Message-ID: <vhealey.140.00126809@crl.com>
Source record: 266844

In article <170561DF4S85.MRBECKZ1@ulkyvm.louisville.edu> MRBECKZ1@ulkyvm.louisville.edu writes:
>From: MRBECKZ1@ulkyvm.louisville.edu
>Subject: Re: Hams and Scanners in the Car
>Date: Fri, 21 Oct 94 02:07:46 EDT

>Does anyone know the law in Kentucky about scanners in an auto, particularly
>in Louisville? If not, where would be a good place to find out?
>
Marty I work for a large corporation and drive a tractor trailer. I am also a ham. I have found that in all cases it is easier and more effective in the long run to carry a good handheld scanner, an external power supply plug, and a good external amplified speaker then to take and mount a 2006 in a auto or truck. The best unit I had for this was an AOR 1000 which had several nice features including a light that stayed on all the time if set right. I currently use a Pro43 which works but isn't all that great compared to the 1000 but it is still better then others.

I came to this conclusion after I lost over a $1000 worthg of ham gear from a car to a midnight thief who walked thru my neighborhood a couple of years ago.

Times are changing. It may be something to consider.

Vic Ki4je

4219. Yupiteru MVT7100 vs Aor 8000

Newsgroup: rec.radio.scanner
Date: 1994-10-21 18:31:22 UTC
From: vhealey@crl.com
Message-ID: <vhealey.141.0012865E@crl.com>
Source record: 266845

In article <388nbi$sng@eugene.convex.com> horak@convex.com (David Horak) writes:
>From: horak@convex.com (David Horak)
>Subject: Re: Yupiteru MVT7100
>Date: 21 Oct 1994 10:39:30 -0500

Would appreciate any comments on either of these handhelds. How reliable are
these radios and are they worth $600 or more???

Ypiteru
>Good sensitivity. Picks up 100KHz to 1.65GHz Scans 30 CPS. Has 1000
>memories. Real nice radio. The only thing I hate about it is that it
>has a mandatory 2 second minimum delay before scan resumes. This
>absolutely sucks for scanning 800MHz trunked stuff. Also, if you're
>into the 800 MHz cell band, you;ll have to use 10 KHz steps (no option
>for 30 KHz steps). This, along with the slow scan rate really makes
>for slow scanning through the cell band. I've noticed images 455MHz up
>from the actual locations in the UHF band.

How does that compare to the Aor 8000?

4220. REVIEW: TUNING IN TO R.F. SCANNING by Bob Kay, TAB BOOKS 1994

Newsgroup: rec.radio.scanner
Date: 1994-10-21 18:33:42 UTC
From: mc@shore.net
Message-ID: <3891i6$g2k@shore.shore.net>
Source record: 266837
Cross-posted to:
rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,alt.books.reviews,alt.books.technical,rec.ham-radio

Review: TUNING IN TO R.F. SCANNING - from polic to satellite bands
Author: Bob Kay - TAB Books Division of McGraw-Hill Inc. 1994
ISBN: 0-07-033964-3 $14.95

This short book (150 pages) is an excellent guide for beginners to the fascinating world of scanner radio monitoring. It is well written in an informative style and addresses the main questions and issues of concern to someone with little or no knowledge of the subject.

The first chapter is devoted to information and advice on selecting the proper scanner to suit the listener's needs. Authou Kay explains the terminology and what the various specifications mean in everyday language. In addition, he covers the different controls, functions and features of today's popular scanning radios. The second chapter covers the different types of antennas, installation and most important, advice and warnings on the subject of lightning. Chapter three deals with coaxial cable and connectors.

The book changes focus with the fourth chapter which is entitled Rules and Guidelines, and covers subjects like the radio spectrum, frequency spacing, false frequencies such as birdies and images, simplex/duplex transmissions, repeaters, narrow and wide-band and the differences between AM and FM. Chapter five is devoted to scanning legalties, including the Electronic Communications Protection Act of 1986 and state laws that govern scanning radios.

The final chapters covers popular monitoring targets such as amateur radio, baby monitors, business communications, news media, railroad, fast food (no kidding!), aircraft, cordless microphones and telephones, fire, Medivac, military, ship-to-shore, police and Federal law enforcement, outer space and sports teams. There's even a section on monitoring the President. The chapter on frequency listings contains a wealth of frequencies for the novice to explore, and tips and advice on how to search. There's a section on computers and scanning, clubs and magazines with a detailed listing of addresses and contacts. The book concludes with a question and answer section and an index.

I was impressed by the amount of good information packed into 150 pages and would not hesitate to recommend this book to anyone who has become interested in monitoring the VHF and UHF radio spectrum or has just received or purchased a scanning radio. I only wish TUNING IN TO R.F. SCANNING had been available when I first became interested in scanners It would have saved me a lot of time.

Michael Crestohl KH6KD/W1

4221. Re: AR-8000 (Canadian Version) FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-10-21 18:58:27 UTC
From: Victor Healey <vhealey@crl.com>
Message-ID: <38930j$ql9@nntp.crl.com>
Source record: 266838
Cross-posted to: rec.radio.scanner,rec.radio.swap

> FOR SALE: AR-8000 handheld scanner. The coverage is .5-1950 mhz,
> steps are completely programable, 1000 memories in 20 banks, 20
> search banks, port for computer control, memories can be
> programmed by name not just number, the unit is less than a month
> old. Currently taking reasonable offers.

Why are you selling this radio already? Is something undesirable about them?
Let me know as I plan to order one next week.
Vic ki4je

vhealey@crl.com

4222. Atlanta Freqs

Newsgroup: rec.radio.scanner
Date: 1994-10-21 21:34:06 UTC
From: izm@panix.com
Message-ID: <389c4e$8m3@panix.com>
Source record: 266678

Does anyone have a frequency list available for the Atlanta area?

--
---
izm@panix.com Israel Moskowitz WA2ZKG

4223. Freq. in Albany, NY area

Newsgroup: rec.radio.scanner
Date: 1994-10-21 22:06:41 UTC
From: katsus@stimpy.chem.rpi.edu
Message-ID: <389e1h$irl@usenet.rpi.edu>
Source record: 266682

If anyone knows of any good frequencies in the
Albany, Schenectady, Troy area that aren't in
Police Call, please post them or email me.
Thank you very much.

Satoshi Katsumoto
katsus@rpi.edu

4224. Freq. in Annapolis, MD area

Newsgroup: rec.radio.scanner
Date: 1994-10-21 22:08:17 UTC
From: katsus@stimpy.chem.rpi.edu
Message-ID: <389e4h$irl@usenet.rpi.edu>
Source record: 266847

If anyone has any good frequenceies in the Annapolis, MD area that aren't in Police Call, please post them or email me. Thank you very much.

Satoshi Katsumoto
katsus@rpi.edu

4225. Freq. in SLC, Provo, UT area

Newsgroup: rec.radio.scanner
Date: 1994-10-21 22:10:14 UTC
From: katsus@stimpy.chem.rpi.edu
Message-ID: <389e86$irl@usenet.rpi.edu>
Source record: 266848

I had purchased some copies of Police Call
but the one that covers Utah was out of stock.
If anyone has any good frquencies for the
Salt Lake City and Provo area, could you post
them or email me. Thank you very much.

Satoshi Katsumoto
katsus@rpi.edu

4226. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-21 22:11:20 UTC
From: rshepard@interaccess.com
Message-ID: <rshepard.6.003DF54F@interaccess.com>
Source record: 266705

In article <linleyCxxxG1.Ds@netcom.com> linley@netcom.com (Bruce James Robert Linley) writes:
>Newsgroups: rec.radio.scanner
>Path: nntp.interaccess.com!swiss.ans.net!howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!zip.eecs.umich.edu!yeshua.marcam.com!charnel.ecst.csuchico.edu!csusac!csus.edu!netcom.com!linley
>From: linley@netcom.com (Bruce James Robert Linley)
>Subject: Re: Bleak Future for Scanning
>Message-ID: <linleyCxxxG1.Ds@netcom.com>
>Organization: UCLA Alumnus, Computer Science & Engineering
>References: <hpeach.163.002EACC3@ca.uky.edu> <381jvu$c9a@newsbf01.news.aol.com>
>Date: Wed, 19 Oct 1994 22:07:13 GMT
>Lines: 16

>Unless all police depts. all choose the same digital radio system, analog
>communications will still be needed when one police dept. needs to radio
>another.

>I feel that a digital transmission method must be (1) standardized and
>(2) defined to be "unencrypted". Otherwise the entire radio spectrum may
>end up being illegal to listen to (short of the broadcast bands).

There is a standard called APCO-25 That defines voice/digital voice and data communications used by Law enforcement agencies. And for instance, Motorola's ASTRO radio system has a "non-encrypted digital mode" It is still digital, but is not considered "coded / scrambled". And yes DSP based decoders will most definately be the future of scanning as will the computer.

4227. Freq. in Raleigh, Durham, Chapel Hill area

Newsgroup: rec.radio.scanner
Date: 1994-10-21 22:12:04 UTC
From: katsus@stimpy.chem.rpi.edu
Message-ID: <389ebk$irl@usenet.rpi.edu>
Source record: 266851

If anyone has any good frequencies for the
Raleigh, Durham, Chapel Hill area of NC that
aren't in Police Call, please post them or
email me. Thank you very much.

Satoshi Katsumoto
katsus@rpi.edu

4228. Info on RS pro2002 scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-21 22:21:36 UTC
From: 5leitgeb_c@spcvxb.spc.edu
Message-ID: <1994Oct21.182136.1@spcvxb.spc.edu>
Source record: 266679

Subject: Information on RS PRO2002
Does anyone on the net have any information (mods,etc) on the Realistic PRO2002 scanner. I recently picked one up without a manual and would also like to know how to go about obtaining one. If anyone out there has a manual for this scanner, I will gladly pay all copying and other pertinent costs. Also, when did Rat Shack discontinue this scanner? Any help would be appreciated.
>

4229. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-21 22:26:04 UTC
From: fd@wwa.com
Message-ID: <389f5s$q3c@sashimi.wwa.com>
Source record: 266843
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Kyler Laird (laird@pasture.ecn.purdue.edu) wrote:
: jat741@rs740.gsfc.nasa.gov (Truesdell, Jordan) writes:

: >Perhaps you should rethink your angle on this. If you had a blanket covering a
: >bunch of "stuff" in the back seat of your car, wouldn't you expect the local
: >authorities to become suspicious? What if you didn't allow them to look
: >underneath, even with a warrant?

: Good point! And, hey - what about those goof-balls that pull their
: drapes at night?! What is it they're trying to hide? If people
: need privacy, they should be required to tell everyone why and get
: a permit for it.

Exactly... look at all the people who say, "what's the purpose of privacy,
I have NOTHING to hide..." Yet, they pull the shades every night.

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback?
email for uuencoded .TIF of T-Shirt Honoring the FBI
Remember, fd _IS FOR_ Full Disclosure!

4230. GEnie & PopComm

Newsgroup: rec.radio.scanner
Date: 1994-10-21 22:30:51 UTC
From: wb2mpk@gti.gti.net
Message-ID: <389fer$dct@gti.gti.net>
Source record: 266846

GEnie fired off this press release today:

CQ, POPULAR COMMUNICATIONS, GO ONLINE WITH GEnie

CQ Communications, Inc., one of the largest publishers of radio & electronics related magazines, books and videos, will be available for product support on GEnie, the online service from General Electric Information Services, Inc . The announcement was made by Glen Johnson, manager of GEnie's Radio & Electronics RoundTable .

GEnie subscribers will be able to access product information, subscribe to magazines, and communicate directly with CQ's staff online. "We welcome CQ to the Radio RoundTable; we feel their presence on GEnie will be a tremendous benefit to CQ's readership and GEnie members alike" said Johnson .

CQ Communications publishes five magazines; CQ - The Radio Amateur's Journal, Popular Communications, Communications Quarterly, Microcomputer Journal, and Electronic Servicing and Technology, each of which will be represented on the Radio & Electronics RoundTable . CQ's magazines boast a total circulation of over 200,000 .

Johnson says that CQ will have a support area within the Radio & Electronics RoundTable, which is expected to be available to GEnie users by early November.

For more information, write to radio.rt@genie.geis.com .

4231. Need manuals/schematics/info on BC250

Newsgroup: rec.radio.scanner
Date: 1994-10-21 22:56:00 UTC
From: hirschj@vax2.concordia.ca
Message-ID: <21OCT199417565381@vax2.concordia.ca>
Source record: 266689

I have 2 BC250s. One has a bad #5 key on the keypad. The
other has a problem with the display daughterboard...dead
power transistor and IC. Does anyone have the manuals and/or
schematics for the unit. I would appreciate a copy (xerox
is fine) and would of course compensate you.
Please send replies email to: HIRSCHJ@vax2.concordia.ca

Thanks,
Jack

4232. For sale: 2 BC210s for parts

Newsgroup: rec.radio.scanner
Date: 1994-10-21 23:01:00 UTC
From: hirschj@vax2.concordia.ca
Message-ID: <21OCT199418014973@vax2.concordia.ca>
Source record: 266695

I have 2 BC210s. Both have one or 2 IC chips missing on
the main board. The keypads, displays, speakers, cabinets,
and controls are intact. One main board also has a crack.
Useful for parts or extremely enterprising repair person.
Best offer by Wed PM takes them (no minimum as long as
buyer pays postage).
--Jack

4233. Strange experience with two antennae

Newsgroup: rec.radio.scanner
Date: 1994-10-21 23:14:58 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.782781298@vela.acs.oakland.edu>
Source record: 266853

A few months ago I posted asking if mounting two antennae on one mast would interfere with either.I mounted a discone under(1')a multi band(wip with 4 radials)and was suprised how well the discone worked.Today I pulled the multi band off my mast leaving just the discone,I lost all the marine traffic I usually listen to.I climbed back on the roof and once again mounted the multi band above the discone,all my marine traffic was back clear as ever.I am wondering exactly what this is doing,the 4 wips coming off the multi band is creating a cone above the discone?Just thought I'd throw this one out and see what people think.

Thanks,Neil

ncschult@vela.acs.oakland.edu

4234. Re: AR 1000 modification sucessful

Newsgroup: rec.radio.scanner
Date: 1994-10-21 23:29:52 UTC
From: schuster@panix.com
Message-ID: <389itg$e0@panix3.panix.com>
Source record: 266849

In article <wbishopCy15Bo.1vL@netcom.com>,
Bill Bishop <wbishop@netcom.com> wrote:
>I just took my old AR 1000 and found the frequency extention mod on
>Cserve that extendes the range down from 8 MHZ to 500 Khz and allows
>scanning from 500 Khz to 1.3 Ghz with no gaps. Takes care of that
>600-700mhz gap that you could manually step thru but not scan too.

You'll find the PLL loses lock somewhere about 670 MHz. Try tuning UHF
television audio and some of the signals that should be there are not :-(

Still, it's =almost= without gaps, and you do get quite a bit extra for
"free".

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4235. Re: AR1000XLT info needed....

Newsgroup: rec.radio.scanner
Date: 1994-10-21 23:32:29 UTC
From: schuster@panix.com
Message-ID: <389j2d$hh@panix3.panix.com>
Source record: 266852

In article <wbishopCy15Fp.217@netcom.com>,
Bill Bishop <wbishop@netcom.com> wrote:
>Malxndr (malxndr@aol.com) wrote:
>: In article <1994Oct19.104853.34388@waikato.ac.nz>, terupe@waikato.ac.nz
>: writes:
>
>: >Re: your interest in finding how-to info on AOR1000XLT.
>
>: Design Equilibirium in Menlo Park (sorry, don't have number) sells a Guide
>: to AR1000. It's flawed in a few places with incorrect info. but it gives
>: you more than enough stuff to use your scanner. Sells for about $15 (over
>: priced by a few bucks). Plenty of mail order places sell it--Grove, for
>: example.
>According to 411, Design doesnt exist in Menlo Park...

Email the author, Howard Bornstein, at 76174.637@CompuServe.COM

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4236. Re: ICOM R-1

Newsgroup: rec.radio.scanner
Date: 1994-10-21 23:45:38 UTC
From: philairv@crl.com
Message-ID: <389kr7$hev@nntp.crl.com>
Source record: 266856

Now that we've ripped the R-1 to bits . . . anyone want to buy one?

phil a

4237. Re: Pro-43 Mods

Newsgroup: rec.radio.scanner
Date: 1994-10-21 23:59:27 UTC
From: hiattd@MCS.COM
Message-ID: <389kkv$4il@Mercury.mcs.com>
Source record: 266855

On another issue, I called this mail-order house which sells RS stuff
and when I inquired about the price of a PRO-43, they told me that
they have been discontinued. I already have a PRO-43 but it seems a
shame to discontinue it. Has anyone else heard this?

don

--

Don Hiatt: <hiattd@mcs.com>
Key fingerprint = FC 15 1C 3A 6D 94 A0 68 9B 96 3B CC 1B 1E 26 57
So you want my PGP huh? You gotta finger me first! :)

GE/CS d? H s g+ p3+ au+ a- w++ v--- C+++ UL++++ P+>++ L++>+++
3- E---(E) N++ K- W M- V-- -po+ Y+ t+ 5+ j- R- G? tv+
b+ D+ B--- e++>+++ u**(---) h--- f? r++ n---- y*

4238. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-22 00:10:13 UTC
From: jmccarty@spd.dsccc.com
Message-ID: <389l95$740@sun001.dsccc.com>
Source record: 266858
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <jat741.76.002F511B@rs740.gsfc.nasa.gov>,
Truesdell, Jordan <jat741@rs740.gsfc.nasa.gov> wrote:
)In article <crispCy0Apt.JwL@netcom.com> crisp@netcom.com (Richard Crisp) writes:
)
)>We all knew it was coming, here it is:
)
)
)>
)> Washington, DC -- If private encryption schemes interfere with
)> the FBI's ability to wiretap, they could be outlawed, according
)> to recent comments made by the agency's Director Louis Freeh.
)>
)
)Richard (et al.)
)
)Pray tell, what is it that you are doing that
)
) a) You need to encrypt your transmission and
)
) b) You don't want the government to find out what you're sending.
)
)Perhaps you should rethink your angle on this. If you had a blanket covering a
)bunch of "stuff" in the back seat of your car, wouldn't you expect the local
)authorities to become suspicious? What if you didn't allow them to look
)underneath, even with a warrant?

[rest deleted]

I think -you- have the wrong angle, here. What business does the government have prying into our private dealings? The only reason that government wants to be able to listen to private conversations is so that they can, um, listen in on private conversations. There's a sort of Murphy's law involved here: Whatever government -can- abuse -will- be abused eventually. Is this something we want abused? Government officials listening in to criminals sounds like a good thing to many, perhaps most, people. However, what happens when the criminals are the ones in government office? Like now, for instance? Rostenkowski (18 years in office, 17 indictments) Byrd (admitted to providing young males for homosexual prostitution OUT OF HIS OFFICE). The list could go on, but you get the idea.

I forget who said it (Franklin?) "Whatever gov't does, it does -deliberately-" (or was the word "intentionally"?).

Mike

```
char *p="char *p=%c%s%c;main(){printf(p,34,p,34);}";main(){printf(p,34,p,34);}
```

4239. Re: Bearcat scanner keypads

Newsgroup: rec.radio.scanner
Date: 1994-10-22 00:30:38 UTC
From: 5leitgeb_c@spcvxb.spc.edu
Message-ID: <1994Oct21.203038.1@spcvxb.spc.edu>
Source record: 266861

All of the older Bearcat scanners were manufctured by Electra Inc.,
who sold out the Bearcat scanner line to Uniden in the mid 80's.
At one time, Uniden still provided service for the old Electra
scanners, but I am unsure if they still do. However, you could call Uniden
to see if they still carry replacement parts at the following number:
(317) 842-2483, which is their technical line. Hope this helps.

4240. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-22 01:27:30 UTC
From: O1EVERT@VM1.CC.UAKRON.EDU
Message-ID: <1705612DC8S86.O1EVERT@VM1.CC.UAKRON.EDU>
Source record: 266696
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <crispCy0Apt.JwL@netcom.com>
crisp@netcom.com (Richard Crisp) writes:

> The Administration, however, continues to state that it has no
> plans to outlaw or place any restrictions on private encryption
> methods.

Yeah - and the check is in the mail, too!

> Buried in the background briefing papers of the original Clipper
> announcement, is a statement that the White House doesn't
> consider the public's right to use private encryption methods are
> protected anywhere in the Constitution.

What about the 1st ammendment? (Or did congress repeal that along with
the 4th, 5th, etc. during their last session?)

Incumbent - what's that??? It's time for a MAJOR change in congress!

4241. Re: Optoelectronics Interceptor

Newsgroup: rec.radio.scanner
Date: 1994-10-22 01:32:47 UTC
From: "Gregory yea... you can call me Greg" <gregmason@delphi.com>
Message-ID: <JKyVaVH.gregmason@delphi.com>
Source record: 266859

Robert Allen <rja@batcomfs.Eng.Sun.COM> writes:

> Sigh...maybe one of these days I'll be able to afford
> an APS-104 :-).

What the heck is an APS-104?

by the way... i know that the scout will tune the OS456... lessee thats
350 for the radio, 300 for the board, 399 for the scout... throw in
20-30 for the ant. and connectors... youre still over a grand.
:sigh:
---Greg

4242. Re: Hams and Scanners in the Car

Newsgroup: rec.radio.scanner
Date: 1994-10-22 02:47:30 UTC
From: billsohl@earth.planet.net
Message-ID: <389ug2$130@jupiter.planet.net>
Source record: 266707

Carl Steckler (cjs9@cornell.edu) wrote:

: >Like many others that post to this newsgroup, I am a licensed ham radio
: >operator. I know that many states have laws against using a scanner in a
: >vehicle. I have the following questions:

: >1. Does the law refer to mobile scanners and therefore exempt handhelds?

Most of the laws do not even use the term "scanner" as the laws have
often been around for more years than the existence of scanners.

: >2. I believe that my FCC ham license exempts me from the law regarding
: >using a scanner in a vehicle. Am I correct?

As another post mentions below, the specifc language of the FCC
exemption mentions transceivers (but does not define what a
transciever is)

By the way, it is my understanding that of the handful of states that
have specific bans on radio receivers in cars that can pick up
police/fire/etc. EVERY such state law already exempts amateur
radio opertors specifically. That being the case, the FCC
preemption actually isn't needed for those states. The FCC
exemption is certainly worth having in case another state enacts a mobile
receiver ban and doesn't exempt hams. The FCC exemption is also
of value against local, couty and city laws that may exist or
be enacted in the future.

: Jim; the laws depend on your state. The exemption specifically mentions
: transcievers as being exempt. In the peoples republic of New York it is a
: violation of MV&T laws to have "any reciever capabile of recieving public
: safety band transmissions" I think the ANT covers hand held scanners. There
: has been a lot of discussion on whether the Ham exemption covers scanners
: and most feel that it dosen't.

That depends on the situation (IMHO). If I have a scanner in my
vehicle AND a transmitter or even just a typical mobile transceiver,
then I can certainly make a very valid argument that the scanner is
used in conjunction with the mobile unit to provide additional
monitoring capability...a function that many self contained
mobile units do. Bottom line is the FCC preemption has yet to
come up against a local scanner ban in a court case. I don't
think it will as even the NY law has a ham exemption as I recall.

What I wouldn't do is to have ONLY a scanner in the car and try
to claim the ham exemption granted by the FCC would protect me.

: This is all the more reason for Hams, ARRL etc to work and help
: get these laws removed. The airwaves belong (read are supposed to) to the
: people. It is up to us to tell congress and our other lawmakers which people
: we mean. Don't think it will get better just because you are a Ham, it will
: only take them a little longer to get to you.

That's what we did in NJ. Today anyone can have a scanner in a car.
We finally got the 1934 law changed to a new law which only makes it a
crime to use a scanner in the commission of a crime.

Cheers,
--
Bill Sohl K2UNK (billsohl@planet.net)
Budd Lake, New Jersey

4243. Re: Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-22 03:05:04 UTC
From: gdallal@world.std.com
Message-ID: <Cy20KG.6pM@world.std.com>
Source record: 266706

Tim (tmfreeman@delphi.com) wrote:
: I've got a (modded) pro-43 scanner and haven't ben scanning for that long and
: I'm going on a business trip on the 28th and want to know if I can take it on
: board and listen in ...
:
: Will the security guards hassle me when they see a box with an antenna in my
: bag?

Yep. But once you show them it works they'll leave you alone. Whether
you can use it on board is up to the discretion of the pilot. There have
been reports of crews giving listeners the frequency the plane will be
using. There have also been reports of scanner usage being forbidden
during flight.

4244. Albuquerque freqs needed

Newsgroup: rec.radio.scanner
Date: 1994-10-22 03:07:46 UTC
From: Wayne_Young@abq-ros.com
Message-ID: <29682AYSSKXDFMRRQQM@abq-ros.com>
Source record: 266882

```
Ir>I will be traveling to Albuquerque in early November and would like
Ir>to have some frequencies to scan. I am particularly interested in
Ir>police, fire and ambulance freqs. (I used to drive ambulance in
Ir>Albuquerque) TNX

154.8150 Police TAC/Sting
154.8600 Police
155.0100 Police TAC
155.2500 Police SE Heights
155.4900 Police West
155.6700 Police NE Heights
155.8500 NCIC/DMV
460.1750 Police
155.1900 Police
154.7400 Police
154.9200 State Police
154.6650 State Police
154.9800 Sheriff
154.2950 Fire Intersystem
154.4000 Fire
154.3100 FD
153.7700 Fire Mobile
153.8900 Fire
153.8900 Fire
154.3100 Fire
154.3250 fire
465.6000 Fire
465.6250 Fire
154.9650 Probation
468.1750 Spec Emer
155.2950 Spec emer
155.2650 Spec Emer
468.1750 Spec Emer
155.2800 Spec Emer
468.1750 Spec Emer
462.9750 Med 10 (disp)
155.3850 Medical
155.4000 Medical
155.3400 Medical
453.1250 Medical
155.3550 Medical
155.1600 Search Resc
463.0000 Med-1
```

Most of these are fairly active frequencies, though the first six in the
list are the most active police freqs, and Med 10 (disp) is pretty
active also. Hope you enjoy your stay here and happy scanning!!

 CmpQwk #UNREG UNREGISTERED EVALUATION COPY

--
The Albuquerque ROS - (505) 296-3000
========================= !!! Automated Notice !!! ======================
E-mail replies to this user should have the following on the first line
of message text: TO: Wayne Young
==

4245. Albuquerque freqs needed

Newsgroup: rec.radio.scanner
Date: 1994-10-22 03:07:48 UTC
From: Wayne_Young@abq-ros.com
Message-ID: <29684AAVHCAONAUGLXU@abq-ros.com>
Source record: 266883

```
Ir>I will be traveling to Albuquerque in early November and would like
Ir>to have some frequencies to scan. I am particularly interested in
Ir>police, fire and ambulance freqs. (I used to drive ambulance in
Ir>Albuquerque) TNX

154.8150 Police TAC/Sting
154.8600 Police
155.0100 Police TAC
155.2500 Police SE Heights
155.4900 Police West
155.6700 Police NE Heights
155.8500 NCIC/DMV
460.1750 Police
155.1900 Police
39.9000 Police
154.7400 Police
154.9200 State Police
154.6650 State Police
154.9800 Sheriff
154.2950 Fire Intersystem
154.4000 Fire
154.3100 FD
153.7700 Fire Mobile
153.8900 Fire
153.8900 Fire
154.3100 Fire
154.3250 fire
465.6000 Fire
465.6250 Fire
154.9650 Probation
468.1750 Spec Emer
155.2950 Spec emer
155.2650 Spec Emer
468.1750 Spec Emer
155.2800 Spec Emer
468.1750 Spec Emer
462.9750 Med 10 (disp)
155.3850 Medical
155.4000 Medical
155.3400 Medical
453.1250 Medical
155.3550 Medical
155.1600 Search Resc
463.0000 Med-1
```

 CmpQwk #UNREG UNREGISTERED EVALUATION COPY

--
The Albuquerque ROS - (505) 296-3000
========== !!! Automated Notice !!! ==========
E-mail replies to this user should have the following on the first line
of message text: TO: Wayne Young
==========

4246. Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-22 03:24:53 UTC
From: Tim <tmfreeman@delphi.com>
Message-ID: <Js-ViZN.tmfreeman@delphi.com>
Source record: 266708

I've got a (modded) pro-43 scanner and haven't ben scanning for that long and I'm going on a business trip on the 28th and want to know if I can take it on board and listen in ...

Will the security guards hassle me when they see a box with an antenna in my bag?

Thanks in advance,

Tim F.

4247. Freqs wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-22 03:34:54 UTC
From: ve7jcg@freenet.vancouver.bc.ca
Message-ID: <38a18u$pkv@freenet.vancouver.bc.ca>
Source record: 266701

A friend of mine is headed down to Phoenix for the NASCAR race at the end of the month, and I'm looking for freqs. in the following stop-over cities:

Medford, Oregon
Los Angeles, California
Phoenix, Arizona

Just the basics (ie police, fire, ambulance, etc.) Also, is there a CURRENT list of NASCAR frequencies in use around? Something that I could get via FTP?

Any help is appreciated.

--
Rod Templeton, VE7JCG | Ever think it might be the USER
ve7jcg@vanbc.wimsey.com | that needs debugging?
ve7jcg@freenet.vancouver.bc.ca |

4248. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-22 03:59:34 UTC
From: schumann@crl.com
Message-ID: <38a2n6$5ts@crl4.crl.com>
Source record: 266711
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Truesdell, Jordan (jat741@rs740.gsfc.nasa.gov) wrote:
: In article <crispCy0Apt.JwL@netcom.com> crisp@netcom.com (Richard Crisp) writes:

: >We all knew it was coming, here it is:

: >
: > Washington, DC -- If private encryption schemes interfere with
: > the FBI's ability to wiretap, they could be outlawed, according
: > to recent comments made by the agency's Director Louis Freeh.
: >

: Richard (et al.)

: Pray tell, what is it that you are doing that

: a) You need to encrypt your transmission and

: b) You don't want the government to find out what you're sending.

: Perhaps you should rethink your angle on this. If you had a blanket covering a
: bunch of "stuff" in the back seat of your car, wouldn't you expect the local
: authorities to become suspicious? What if you didn't allow them to look
: underneath, even with a warrant?

1)Light sensitive material: photographic. 2)Stuff for my wife's
birthday. 3)Fetish stuff (See wife's birthday.) 4)None of anyone's
business.

: Please don't get me wrong - I don't particularly like the idea of any
: "backdoor" on encryption. In fact, if the legislation comes up to outlaw
: private encryption, I'll be calling my rep on the hill to voice my opposition.
: All this just makes you sound very suspicious...

It is good to be concerned, but when the horse is out of the barn ....

:
: Jordan Truesdell | NASA - Goddard Space Flight Center
: jat741@rs740.gsfc.nasa.gov | Mars and Freedom for just $0.25 a day

James Schumann, KE6DMY
schumann@crl.com
KE6DMY @N6EEG.#NOCAL.CA.USA.NOAM

--finger for PGP

4249. Re: Scanning the police chase

Newsgroup: rec.radio.scanner
Date: 1994-10-22 04:30:12 UTC
From: crisp@netcom.com
Message-ID: <crispCy24ID.Is4@netcom.com>
Source record: 266862

In article <37k2tu$pgs@detroit.freenet.org> ad225@detroit.freenet.org (Gary Baumgarten) writes:
>
>In addition to the suit, Feiger requested an injunction
>prohibiting Dearborn police from destroying tape recordings
>of the police radio conversations during the chase. But
>then he said, even if the Dearborn police "lose" the tapes,
>he has his evidence because of scanner buffs who tape
>recorded the chase in their homes and then made those
>tapes available to him!

Just another reason why we should never permit our law enforcement agencies to adopt non-monitorable communications technologies.

it is one thing fora tactical/swat team to use crypto-radios in a sensitive operation, but it is quite another for the standard police cruisers to. Let's keep it open and retain our ability to keep tabs on what our police are up to.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box, and the cartridge box. Let's effectively use the first two so we do not have to resort to the third!

4250. Re: Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-22 05:12:11 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <J08W6vD.donhayes@delphi.com>
Source record: 266655

I just returned from Las Vegas with my handheld scanner/2meter transceiver radio. I didn't get any static from the security guards at all. However, I flew Continental and they state before the flight takes off that you may not play scanners or radio receivers while on the plane. I covertly did so by using an earpiece after takeoff and before landing. Couldn't hear much though. I guess you should get the pilot's approval if you are going to listen for any extended period of time. The radio can interfere with navigational equipment. Good Luck.

4251. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-22 07:17:22 UTC
From: cneuman@netcom.com
Message-ID: <cneumanCy2C8z.7Eu@netcom.com>
Source record: 266863

: not only that, but the feds have made it illegal to have you receive
: digital modulation. Furthermore since we will not be able to monitor the
: police, they will be able to say what they please with no worry about
: being monitored. Just think of the abuses they will commit! THE Rodney
: King "gorillas in the mist" comment will seem tame in retrospect.
: rdc

: --
: Richard Crisp Cupertino, Ca. crisp@netcom.com
: (415) 903-3832 wk (408) 253 4541 fax
: For PGP Public Key, type finger crisp@netcom.com
: "It is a good thing that we do not get as much government as we pay for"
: -Will Rogers

The "Gorillas in the mist" comment you refer to was acquired from the
data terminal record at the station, not from some scanner geek. The
police who provided this log could have deleted or edited it if the had a
mind to. You can't seriously be implying that people who monitor police
radio traffic keep the police from abusing power.

Besides, I think it was a "mild" comment.

Chris
--
cneuman@netcom.com

4252. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-22 11:29:27 UTC
From: crisp@netcom.com
Message-ID: <crispCy2nx3.281@netcom.com>
Source record: 266877

In article <782739649snz@javiaton.demon.co.uk> Clough@javiaton.demon.co.uk writes:
>In article <crispCxIro5.Kxq@netcom.com> crisp@netcom.com "Richard Crisp" writes:
>
>
>[snip]
>
>> How about posting the specific mod for the netters to file away for the rainy
>> day?
>>
>
>My service manual is away with a friend at the moment but from my
>scribble notes......
>
>Remove the front panel from the radio and gain access to the
>logic board which is behind the LCD display etc. You need to
>locate pads A7 & V3.
>
>I can't remember if the pads are labeled, if not you will need
>the service manual (obtainable from Icom) and locate pads A7 & V3.
>These are (were ?) unused ! Use a short jumper from the right
>hand side of A7 to the right hand side of V3.
>
>Thats it - continious coverage on the Japanese versions.
>
>I have not seen the "inside" of the Japanese one for some time -
>things may have changed by now !
>
>
Thanks Jonathan! I appreciate it very much. By the way there is a
really great Japanese Hacker Magazine available over there. It
has diverse topics ranging from how to break copy protection on
various software packages to mods to restore full coverage on
virtually all radios to even phone sex ads. Those Japanese folks
really know how to pack it all into one small book, that's for sure

The magazine is called "Action Band". And as you may have guessed
it is written in Japanese :-(

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4253. Re: Pro-43 leather case?

Newsgroup: rec.radio.scanner
Date: 1994-10-22 12:13:10 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <782827990snz@javiaton.demon.co.uk>
Source record: 266866

In article <glm.3.001C7EBA@xmission.com> glm@xmission.com "gary moncur" writes:

> Contact:
> Design EQ
> PO Box 1245
> Menlo Park, CA 94025
>
> Cost is $29.95 plus $2 bucks shipping. I bought one and thought it was pretty
> good. The guy who makes them is Howard Bornstein. He is online on
> CompuServe, but I don't know his user ID.
>

You could try him on 76174.637@Compuserve.com

--
Cheers,
/--\
Jonathan Clough,	"How important is an airplane's appearance" ?
Javiation, Bradford, UK	"Its important to me. My wife tells me that if
Compu$$erve: 100117,535	it doesn't look good, it won't fly good.
Internet:	That's good enough for me" - Kelly Johnson
Clough@javiaton.demon.co.uk	Designer of the Lockheed SR-71
\--/

4254. Info on RS PRO-2002??

Newsgroup: rec.radio.scanner
Date: 1994-10-22 12:37:02 UTC
From: 5leitgeb_c@spcvxb.spc.edu
Message-ID: <1994Oct22.083702.1@spcvxb.spc.edu>
Source record: 266865

I've recently acquired an ancient RS Realistic PRO-2002 scanner in a trade
and I was wondering if anyone on the net has any info. on this scanner.
I'm looking in paricular for any mods(especially to improve the squelch
and speed up the scanning rate),and any information as to when this
scanner was produced and when it was discontinued by Rat Shack. I
would also appreciate any help in locating a manual for this scanner
since I did not receive one with it :-(Any help will be appreciated.
Thanks in advance.......Craig

4255. Re: Bearcat 220 power supply

Newsgroup: rec.radio.scanner
Date: 1994-10-22 13:22:44 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cy2t5w.LE2@nntpa.cb.att.com>
Source record: 266864
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Oct21.183137.1@spcvxb.spc.edu>,
<5leitgeb_c@spcvxb.spc.edu> wrote:

>I recently picked up an ancient Electra Bearcat 220 scanner
> and I noticed that after a half hour of use, the internal
>power supply becomes extremely hot to the touch....

I recommend you add a small heat sink to the TO-220 style tab
power transistors and regulators in the BC-220, BC-250, BC-300, BC20/20,
and other Electra models of that generation.

These components operate at high temperatures which decreases
their useful life.

Last changed: July 12, 1994 |

REPAIR TIPS: BEARCAT SCANNER RADIOS |

Copyright 1993, 1994 by Bob Parnass, AJ9S |

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Introduction |

The original Bearcat scanner line was manufactured by |
Electra of Cumberland, Indiana. In the mid 1980s, Uniden |
bought out the Bearcat scanner line and Uniden's first |
Bearcat scanner was the 800XLT model. |

Most of the models discussed in this article are |
base/mobile units made by Electra during the 1970s and |
1980s. Electra stamped all of its scanners with a |
manufacturing date code on the rear of the cabinet. The |
code is comprised of a single character (C = Cumberland, |
Indiana, P = Puerto Rico), followed by four digits denoting |
year and week the radio was built. For example, "P8422" |
denotes the radio was made in the Puerto Rico factory |
during the 22nd week of 1984.

Schematics and Parts Available |

Schematic diagrams may be obtained from Uniden/Bearcat's |
parts department, (317)842-2483. |

G & G Communications (telephone 716-768-8151) is a family owned company which repairs scanners and stocks parts for several older models, especially Electra/Bearcat and Regency brands. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Electronic Repair Centers in Franklin Park, Illinois (telephone 708-455-5105) has been repairing Bearcat scanners for several years. They charge a flat $45 repair rate for programmable and $30 for crystal scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

Bad Solder Joints Common

Before addressing specific symptoms, circuit boards in the malfunctioning scanner should be inspected for poor solder joints.

The Electra/Bearcat BC350, BC300, BC250, BC220, BC20/20, BC211, BC210, and BC210XL models were hand assembled, and every one I've serviced had several connections that were either soldered poorly, or not soldered at all.

Resoldering joints on the ribbon cable connecting the RF and keyboard logic circuit boards in a BC250 attenuated the microprocessor/synthesizer hash noise noticeably.

A Bearcat 20/20 was experiencing periodic loss of memory on some, but not all channels. When the problem occurred, the frequencies on some channels would be completely changed. On other channels, the frequency would still be intact, but the channel would be locked out, and the delay toggled from "on" to "off". Some channels were not affected.

The 2 "AA" memory backup batteries, and their holder, tested good. Much time was spent tracing logic, heating and cooling components, and making voltage measurements.

One of the secondary leads from the power transformer was connected to the main circuit board through a hole drilled through foil traces on both the top and bottom sides of the board. A close examination revealed that this lead had been soldered only on the top of the board - the bottom side had never been soldered.

Soldering the lead on both sides of the board solved the memory loss problem.

Symptom: Blank Display

The BC300 scanner, and several other Bearcat models, employ a switching type power supply stage to generate plus and minus voltages in excess of 20 volts DC. When this switcher fails to function, the display goes blank, but the

squelch control appears to work, and white noise can be heard in the speaker.

In two of the BC300 scanners I've fixed, C98, a capacitor in series with the primary of the switching transformer | failed, causing the output of the supply to drop below the | level needed to power the display. The switching transformer is mounted on the RF circuit board, and is much, much smaller than the main power transformer, which is usually fastened to the metal chassis. The 22uF/16V * capacitor used for C98 in early BC300s was marginal, and was replaced with a 47uF/25V capacitor in later units.

I recently replaced the 22 uF capacitor in the switching power supply stage of a BC210XL which caused the same symptom. Other capacitors in the switcher stage have failed. C114, a 4.7 uF/35V tantalum capacitor failed in at least one BC250, causing the display to blank.

A more sinister problem affects the switcher in earlier models. The switching supply stage in the BC250 and original BC210 is driven by a clock signal derived from a custom Exar NC57902 divider integrated circuit (designated | IC6 in the BC250 scanner). I've seen this divider IC fail in several BC250s, causing a blank display (except for a decimal point in the BC250's rightmost digit). This custom IC is no longer available from Uniden. |

Symptom: Invalid Frequency Displayed

A common Bearcat 250 malady is manifested by an invalid frequency displayed on the readout. This condition is temporarily "cured" by unplugging the AC line cord from the wall, then replugging it. This condition is symptomatic of a power supply problem in which Q204, a Texas Instruments TIP-29 located on the feature circuit board, fails.

A Philips ECG291 will work as a substitute for the TIP-29. | Don't try a Radio Shack substitute, it hasn't worked. See Martin Toomajian's article, "Bearcat 250 Erratic Display Cure", in January 1987 Monitoring Times. *

A similar problem in the Bearcat 20/20 was discussed previously in the section on bad solder joints. |

Symptom: Squelch Won't Eliminate White Noise

Most Uniden/Bearcat base/mobile scanners feature an AUTO squelch position, actuated by rotating the squelch knob fully counter clockwise. The BC350 used a separate pushbutton switch for this purpose. These scanners use a | flimsy potentiometer (designated R81 in BC300s) internally mounted on the RF circuit board, to set the level of signal

required to open the squelch when in the AUTO position. This pot also has an effect on the squelch action in the non-AUTO mode, and determines at which point the squelch knob must be positioned in order to silence the radio.

Although the potentiometer is adjusted at the factory, changes in component values due to aging often necessitate readjustment of this internal pot. Misadjustment of this pot has been the cause of "no squelch" complaints in two BC300s and a BC250 I fixed.

Another squelch failure is due to a blown transistor that acts as the electronic switch in the squelch circuit. I replaced this transistor in only one BC300, so I don't know if this is a common problem. |

Symptom: Scanner Completely Dead

In Bearcat scanners using an internal power supply (e.g., BC350, BC250, etc.), the main power transformer is connected directly to the AC line. Since the on/off switch is on the secondary side of the transformer, current flows in the primary as long as the AC line cord is plugged into an active AC outlet. These transformers contain an internal circuit breaker, not visible without unwinding (destroying) the transformer. The internal breaker is known to fail prematurely in a batch of Bearcat power transformers.

If your scanner is completely dead, check the primary of this transformer for an open circuit condition. |

Symptom: Keyboard Bounce

After much use, the Chromerics keyboards in Bearcat scanners start to wear out. The first sign of trouble is usually keyboard bounce on the most frequently used key, | e.g., the MANUAL key. Replacement keyboards are usually available from UNIDEN, but replacement requires dexterity, as one must take care not to tear the flat, flexible strip connecting the keyboard to the logic board. |

Symptom: Keyboard Completely Unresponsive

The keyboard matrix is "scanned" by the microprocessor. Another problem is when none of the keys seems to function; the receiver just keeps scanning in spite of key depressions. I found this condition in a BC210XL scanner owned by a heavy smoker. Perhaps nicotine smoke was to blame, as the resistance between two input port pins on the microprocessor was down to about 1000 ohms, fooling the microprocessor into believing that a key was stuck in the "down" position. Scraping the circuit board between the

two pins with an X-Acto knife fixed the problem. |

Other Problems

Complaints of low audio output and occasional microphonics |
in a Uniden/Bearcat 800XLT was caused by a bad 47 ufd
electrolytic capacitor in series between the external
speaker jack and audio amplifier.

--
==========
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

4256. Re: San Jose Area Man busted for Cell phone cloning

Newsgroup: rec.radio.scanner
Date: 1994-10-22 14:50:46 UTC
From: tonyrush@bga.com
Message-ID: <38b8s6$cce@giga.bga.com>
Source record: 266869
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

In <383qce$fe2@tequesta.gate.net>, tls@gate.net (Terry Steinford) writes:
>Richard Crisp (crisp@netcom.com) wrote:
>
>: Hell I will lay better than even
>: odds he was indicted without using the new provisions of the DT bill!
>
>Of course not. Billary has not signed it into law yet.
>
That CNN news story mentioned a system developed by TRW I believed they
referred to as "thumbprint" designed to prevent access to cell phone codes.
Does anyone have specifics as to how this system works?

#include <std.disclaimer>

-Tony Rusho

4257. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-22 15:01:55 UTC
From: mvoorhis@zklzz.WPI.EDU
Message-ID: <MVOORHIS.94Oct22110155@zklzz.WPI.EDU>
Source record: 266870
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

> Richard (et al.)
> Pray tell, what is it that you are doing that
> a) You need to encrypt your transmission and
> b) You don't want the government to find out what you're sending.

The concept of private conversation obviously doesn't appeal to you.
Have you ever wanted to have a private conversation? The government
wants access to transmissions because it is assuming guilt by
association with encryption. One is innocent until proven guilty
in this country.

> Perhaps you should rethink your angle on this. If you had a blanket
> covering a bunch of "stuff" in the back seat of your car, wouldn't you
> expect the local authorities to become suspicious? What if you didn't
> allow them to look underneath, even with a warrant?

If it becomes illegal to encrypt, that would be like making it illegal
to cover the stuff in your back-seat. I guess after that the
government would move to make it illegal to have locking trunks on
your car (or maybe trunks should be outlawed 100%), because of course
you're going to be carrying something illegal in there also, right?
Warrants are anothe matter-- you need a judge to get one of those, so
it's at least more difficult for the goverment to get in your way
there.

> Please don't get me wrong - I don't particularly like the idea of any
> "backdoor" on encryption. In fact, if the legislation comes up to
> outlaw private encryption, I'll be calling my rep on the hill to voice
> my opposition. All this just makes you sound very suspicious...

Guilt by association is a very nasty thing. My use of encryption
should not imply that I'm a criminal. If I've got a bunch of email
from my wife, I don't want the sysadmin on my computer reading it, I
don't own a computer at hom to store the information on, and I pay for
the preivelege of having disk space online for my use, why should I be
forced to remove the mail from the system, when I can just as easily
encrypt it? Is that legitimate enough?

Do you think law enforcement is 100% innocent? Heard any stories of
the local metro police being bribed by drug dealers, lately? Seen any
state cops doing 100mph on the highway, no lights or siren, no
emergency? Seen state-owned vehicles in blatant violation of
emissions laws? The state and its agents are not perfect. They take
care of their own, or whoever pays 'em enough. I think I should be
entitled to my privacy.

Mike (mvoorhis@wpi.edu)

4258. Re: Cordless Freq's

Newsgroup: rec.radio.scanner
Date: 1994-10-22 15:20:15 UTC
From: HARRY ROBERTSON <gascan@delphi.com>
Message-ID: <Raz1SPH.gascan@delphi.com>
Source record: 266867

Thomas J. Harrell <tharrell@opus.nmsu.edu> writes:

>Robert E. Edmunds (az342@FreeNet.Carleton.CA) wrote:
>: Just wondering.....Are there only 10 alloted frequencies for cordless
>: phone use? Or do they cover any frequencies between 46 and 47 MHz?
>
>: I just wanted to know if it is quicker to scan between 46 and 47 MHz,
>: or just program the ten alloted freqencies? (I have ten frequencies from
>: my cordless, but are these frequencies universal?)
>

I programmed in all 20, base and set. I get duplication but I also pick
up other fun things as I walk round the block "oooohhh".

Harry

"Orchides forum trahite cordes et mentes veniant"

4259. RE: scanners on board planes

Newsgroup: rec.radio.scanner
Date: 1994-10-22 15:42:22 UTC
From: LPRICE@GSVMS2.CC.GASOU.EDU
Message-ID: <38bbsu$g1m@informer.cc.GaSoU.EDU>
Source record: 266868

Sorry, the advice that "use on baord planes is up to
the discretion of the pilot" is outdated ...that was
true a few years ago. For certificated airlines there
is now a FAR that prohibits any radio receiver use on
board. The obvious reason is possible radiation form
on or more stages of the LO. There are now three classes
of electronic devices on board (1) use anythime you
want (2) use except when plane is landing or taking off
(3) never use. Scanners fit in to category 3 above.

Best thing is to (a) listen in the airport and (b) consider
flying on an airline that puts the air comms audio on one
of the cabin headset channels.

4260. Pro2006

Newsgroup: rec.radio.scanner
Date: 1994-10-22 16:06:24 UTC
From: sherman@phantom.com
Message-ID: <38bda0$elj@dockmaster.phantom.com>
Source record: 266873

I have a lightly used pro2006 I am considering selling to get one of the last pro43's What is a fair price for it?

I also have a Bearcat800xlt cellular capable for sale, If any one is interested they can email me SHerman@Phantom.com

4261. Help with Pro46 mod - soldering surfacemount diode

Newsgroup: rec.radio.scanner
Date: 1994-10-22 16:37:17 UTC
From: "Gregory yea... you can call me Greg" <gregmason@delphi.com>
Message-ID: <Z+8Va1N.gregmason@delphi.com>
Source record: 266871

Buoyed by my recent success with my Pro2006, (instaled the OS456) and the reports of the success of others with similar mods, I opened up my unmodded Pro46. No problem. Managed to oppen the case, separate the boards, desolder the shield without melting it. Found the diodes marked 000 (God theyre small!). No real trouble up to that point. Figured that taking the little 000 diode (for the uninitiated about the size of a small ant, and just about as easy to work with). Well, I found what I believed to be the correct solder pad, and attempted to solder my diode to it. Had a little difficulty there. In fact I think that it _might_ have been easier to actually solder a small ant in place that that diode!

I seem to have very slightly moved the solderpad out of its original position tho not so far as to be off of the traces. Finally I got the diode to stay on the pad. When I put the scanner back together, it still worked, but was in no way modified. Oh I neglected to mention above that I did in fact solder the diode to the pad. (tho i dont know how well I soldered it)

Two questions: How do you Solder such tiny components, and
Did Moving the solder pad (ever so slightly) my problem?

The former question brings to mind a third, if I did move the solderpad off of the traces, is it possible to get it back?

Any help with this prediciment would be greatly appreciated.

4262. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-22 17:06:43 UTC
From: gdallal@world.std.com
Message-ID: <Cy33J8.MBF@world.std.com>
Source record: 266874
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Truesdell, Jordan (jat741@rs740.gsfc.nasa.gov) wrote:

: Pray tell, what is it that you are doing that
: a) You need to encrypt your transmission and
: b) You don't want the government to find out what you're sending.

None of your business either.

: Perhaps you should rethink your angle on this. If you had a blanket covering a
: bunch of "stuff" in the back seat of your car, wouldn't you expect the local
: authorities to become suspicious?

They can get a suspicious as they want, as long as they don't act on
those suspicions without a warrant

: What if you didn't allow them to look
: underneath,

Tough.

: even with a warrant?

Different story.

Comment: For some reason, many think radio transmissions and telephone
conversations are differnt from other forms of communication. What is so
special about encrypting a conversation that makes it different from
encrypted information transmitted by writing or floppy disk? While I
hate playing the "Next Step Game", if we can't encrypt conversations
with privately owned hardware that causes no harm to the phone system,
why should be be allowed to use any cyphers under any circumstances?

4263. Re: AR 1000 modification sucessful

Newsgroup: rec.radio.scanner
Date: 1994-10-22 17:26:37 UTC
From: jmscamar@titan.ucs.umass.edu
Message-ID: <38bi0d$mug@nic.umass.edu>
Source record: 266875

Bill Bishop (wbishop@netcom.com) wrote:
: I just took my old AR 1000 and found the frequency extention mod on
: Cserve that extendes the range down from 8 MHZ to 500 Khz and allows
: scanning from 500 Khz to 1.3 Ghz with no gaps. Takes care of that
: 600-700mhz gap that you could manually step thru but not scan too.

Where can I ftp this mod?

Thanks,

--
---------- "Reservations are the condoms in the birth of new ideas" ---------
- T. "Twiggy" Rathbone; Chairman, Managing Director of RatHouse International-
*** Joe Scamardella at RatHouse International/ jmscamar@titan.ucs.umass.edu ***

4264. Re: Hit List for November Elections

Newsgroup: rec.radio.scanner
Date: 1994-10-22 18:26:11 UTC
From: coan@netcom.com
Message-ID: <coanCy377o.2Et@netcom.com>
Source record: 266884
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

John Coan (coan@netcom.com) wrote:
: I would like to know why David Price from North Carolina is on your hit
: list? This doesn't seem right, he came and spoke to the local Raleigh
: ham radio club just last month and was knowledgable and supportive of
: radio hobbyists. In fact, the ARRL lists him as one of the good guys who
: supports ham radio! I live in Raleigh, and am Assistant Section Manager
: for NC and think Price would be much better than his opponent. His
: opponent is the former chief of police in Raleigh, and my guess is (and
: this is only a guess) that from his background he would prefer that
: scanners and such be taken away so you cannot listen in on the police.

: So, where did you get your information!?

If there are those of you still in doubt about Congressman Price being a
FRIEND of radio hobbyists; your attention is called to p. 11 of the
November, 1994 QST (mine came today) where you will find Rep. Price's
picture getting a certificate from the NC Section Manager Reed Whitten
and a short article quoted as follows:
"Amateurs' friend in Washington: ARRL North Carolina Section Manager
Reed Whitten, AB4W (l), presents US Congressman David Price (D-NC) a
certificate from the Raleigh ARS for his continuing support of Amateur
Radio in Congress. Congressman Price, a cosponsor of Two ARRL
initiatives in Congress, and a member of the Appropriations Committee,
received the certificate at a September meeting where he spoke to the
group about the Congressional initiatives."

4265. Re: Fire pull boxes

Newsgroup: rec.radio.scanner
Date: 1994-10-22 18:37:24 UTC
From: mulligan@ACM.ORG
Message-ID: <38bm54$i0a@hopper.acm.org>
Source record: 266876

Fire call boxes: 72.02-72.98 and 75.42-75.98 MHz, at 20 kHz intervals.

4266. Re: FCC regulations w/scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-22 20:09:45 UTC
From: mulligan@ACM.ORG
Message-ID: <38bri9$idc@hopper.acm.org>
Source record: 266880

tbrutus@sunyboard.org asked:
> Can someone here help me obtain a copy of the very latest laws/regulations
> that have to do with scanners & cordless & cellular phones.

The rules and regulations of the FCC are codified as Title 47 of the
Code of Federal Regulations (cited as 47 CFR). They come in 5 volumes, from
$20-28 each and are revised annually. Scanners are referred to in Parts 2
and 15, both in the first volume. Cordless occurs in Parts 15 and 68, and
Cellular is in Part 22.

Permanent laws are codified as the United States Code (USC). Most Acts
of Congress are Public Laws (P.L.) which modify sections of the code. Of
interest are:
Communications Act of 1934
The basic telecommunications law of the United States. Codified as
Title 47 of the United States Code (47 USC). Amended many times.
Electronic Communications Privacy Act of 1986 - P.L.99-508 (Oct 86)
Amended 18 USC (the criminal laws) to ban reception of cellular.
Telephone Disclosure and Dispute Resolution Act - P.L. 102-556.
Amended 47 USC to ban cellular capable scanners (Oct 92).
Digital Telephony Bill - just passed, don't know its designation.
Bans reception of cordless.

Members of Congress are given a limited supply of new bills to send out
in response to querys, but this only covers bills under consideration or
recently passed. For volumes of the USC & CFR, as well as collections of
laws on certain topics, the Government Printing Office is the source. The
GPO operates bookstores in major cities or can be reached at:

Superintendent of Documents
Government Printing Office
Washington, DC 20402
(202) 783-3238

A few notes: Many laws are packages of (distantly) related items. You
may have to dig to find the part relevant to you. Many also contain wording
of the form "... strike out the last 3 words of 47 USC 302(d)(5) and add ...",
which may not give you much idea of what's really happening unless you've
got a copy of the law being amended (and you're a lawyer <g>). The GPO has
a copy of the Comm. Act of 1934 for sale, but I believe it's about a decade
out of date. They do offer the entire USC on CD-ROM, which is one of the
best buys around.
/* barry /&

4267. Re: Bearcat 210 Mods

Newsgroup: rec.radio.scanner
Date: 1994-10-22 20:16:11 UTC
From: tbrutus@sunyboard.org
Message-ID: <25851OCQPRLXXLJJKJJ@sunyboard.org>
Source record: 266879

If you get ahold of any specs (modifications) for the Bearcat 210 xlt, and what can be done, would you please email me with any details, as I don't get the chance to look over this forum as much as I would like. Thanks much, I'll owe ya one.

Happy Scanning

Tom
tbrutus@sunyboard.org

Make sure you put your complete email address somewhere in your reply as sometimes my QWK reader cuts off parts of addresses. Thanks

... If it wasn't for C, we would be using BASI, PASAL and OBOL!
___ Blue Wave/QWK v2.12

4268. Re: Flying with scanners?

Newsgroup: rec.radio.scanner
Date: 1994-10-22 20:16:12 UTC
From: tbrutus@sunyboard.org
Message-ID: <25852KEKCSNJSMBCODA@sunyboard.org>
Source record: 266878

If you're travelling by air, it's expressly forbidden to listen to a scanner or any elecronic radio device while the flight is in progress. Something to do with scrambling of the transmission of signals from the plane to the control tower. How true that actually is I'm not sure. Amtrak or Greyhound is no problem as long as you have earphones, so it won't disturb anyone else. Check into this with the airlines, and if you hear anything, please email me with anything you hear. I'm interested in what they (airlines) would say.

Later,

Tom (tbrutus@sunyboard.org)

Make sure your complete email address is in your response. Thanks

... If at first you don't succeed, destroy all evidence that you tried.
___ Blue Wave/QWK v2.12

4269. Re: Hit List for November Elections

Newsgroup: rec.radio.scanner
Date: 1994-10-22 20:34:59 UTC
From: crisp@netcom.com
Message-ID: <crispCy3D6B.CGM@netcom.com>
Source record: 266889
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <coanCy377o.2Et@netcom.com> coan@netcom.com (John Coan) writes:
>John Coan (coan@netcom.com) wrote:
>If there are those of you still in doubt about Congressman Price being a
>FRIEND of radio hobbyists; your attention is called to p. 11 of the
>November, 1994 QST (mine came today) where you will find Rep. Price's
>picture getting a certificate from the NC Section Manager Reed Whitten
>and a short article quoted as follows:
>"Amateurs' friend in Washington: ARRL North Carolina Section Manager
>Reed Whitten, AB4W (l), presents US Congressman David Price (D-NC) a
>certificate from the Raleigh ARS for his continuing support of Amateur
>Radio in Congress. Congressman Price, a cosponsor of Two ARRL
>initiatives in Congress, and a member of the Appropriations Committee,
>received the certificate at a September meeting where he spoke to the
>group about the Congressional initiatives."
>
>

So how did he vote on the scanner ban of 92? How did he vote on the DT
bill? It seems more relevant to be discussing the person's voting record
than it does how many awards he has been received.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4270. Re: Hams and Scanners in the Car

Newsgroup: rec.radio.scanner
Date: 1994-10-22 20:38:50 UTC
From: billsohl@earth.planet.net
Message-ID: <38bt8q$65u@jupiter.planet.net>
Source record: 266881

Bret Pennington (bap@mace.cc.purdue.edu) wrote:
: I am Mr. Naive but does this mean in New York that Radio Shack
: can't sell scanners like the PRO-2027 I just bought?

No, the equipment isn't illegal to sell or own. It is illegal
to use in a vehicle in NY state.

: And if I moved there would I be in violation of the law
: by owning one?

Again, No.

: And how do they enforce this? Call Janet and the BATF in?

Generally they don't, but you never know when a cop might
stop you and be a prick about it.

--
Bill Sohl K2UNK (billsohl@planet.net)
Budd Lake, New Jersey

4271. Re: Freq's Needed For Fairfax Cnty VA Sheriff's Office

Newsgroup: rec.radio.scanner
Date: 1994-10-22 22:52:26 UTC
From: Schoen@ix.netcom.com
Message-ID: <38c53a$45m@ixnews1.ix.netcom.com>
Source record: 266898

In <37m608$d2d@mandolin.gcr.com> jthurs@gcr.com (Jason Thurston) writes:

>
>djvelez@aol.com (DJVelez) writes:
>
>>In article <jernandez-051094115316@jernandez.pbs.org>, jernandez@pbs.org
>>(John J. Ernandez) writes:
>
>>: I need some help with the Fairfax Cnty. VA Sheriff's Office :
>> frequencies.
>
>>John, have you tried the Frequency Forum BBS in Vienna, VA? There's all
>>kinds of local freq lists there, and the number (can't find it at the
>>moment but the BBS is listed in most BBS mags) is local.... Dan
>(703) 207-9622...hope this helps!
> --Jason
>==
>| Jason Thurston | jthurs@gcr.com |
>| Firefighter III/EMT-A |_________________________|
>| Dumfries-Triangle Rescue Squad, Stations 3-Rescue & 17 |
>| Prince William County, Virginia, USA |
>==
>
>

Jason,

I have been on that bulletin board before and it seems to have some
good things, but when I try to download files, I cannot find where
they go on my computer. I would think they would go in the Windows
directory, since that is where Terminal is installed, but they are not
there. Could it be that they are not downloading properly?

Thanks in advance for any help,

David
schoen@ix.netcom.com

4272. Re: San Jose Area Man busted for Cell phone cloning

Newsgroup: rec.radio.scanner
Date: 1994-10-22 23:22:50 UTC
From: crisp@netcom.com
Message-ID: <crispCy3Ky2.9M1@netcom.com>
Source record: 266908
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

In article <384i1h$8gi@dns1.NMSU.Edu> tharrell@nmsu.edu (Thomas J. Harrell) writes:
>Terry Steinford (tls@gate.net) wrote:
>: Richard Crisp (crisp@netcom.com) wrote:
>
>: : Hell I will lay better than even
>: : odds he was indicted without using the new provisions of the DT bill!
>
>: Of course not. Billary has not signed it into law yet.
>
>Of course, this begs the question: What the hell do we need the bill
>for if what it 'takes care of' is already illegal??? (I know, I know,
>that's the point - we _don't_ need it.)
>
>It's a bad time to be a gun & scanner owner...
>--

This is exactly one of the key issues raised by the DT bill: since theft
of service and fraud are already criminal offenses and ar clearly sufficient
to to indict and convict such activities and since civil relief is available
to extract monetary damages, why then is such a law necessary?

The scary thing about his law is that if you have a scanner and a computer
interconnected and for whatever reason are raided, then how will anyone
really know whether they were connected together and had software installed
to simply manage lists of frequencies and control the scanner therefrom,
or were connected together to extract ESNs from cellphones to enable
cellphone fraud?

Certainly an expert scanner / radio person would easily be able to
make such a determination, but one has to wonder if, in the process
of dismantling the equipment, critical connections are noted properly
in terms of what was connected to what and what software was in there
and if it is actually capable of doing what the prosecution would like to
charge you with.

It is unreasonable to expect the average cop to be competant in this area.
Soit seems that one could be engaged in a perfectly lawful activity when
you are raided, (for whatever reason) and then have charges of cellphone
piracy levied against you irresective of whether or not they are true.

Even if you are not convicted, you will have a big problem with time and
money during the intervening time.

--
On the equipment side of the business, itis possible that the scanner

manufacturers may be required by some future FCC rule change to not include a serial port in the units "since they can be used to break the law if they have that feature". This is applying the logic of the scanner ban of 1992 to the DT bill. It is very conceivable that this may come to pass.

Also note that homemade "black boxes" willbe viewed with particular suspicion. It is one thing for the law enforcement types to be educated that a particular set of well known commercial products is deemed "OK" by the technical services divison, but that experimental DSP audio filter you are working on looks pretty suspicious. The tech guys say that a DSP looking at an audio stream is certainly capable of decoding FSK data contained therein. On the other hand, it may be that the thing is simply an audio filter. The software would have to be studied to ever decide for sure what all it did, and even then it would be very difficult to ascertain all of the capabilities.

This would be a very expensive undertaking as people with these capabilites are highly skilled and are generally paid very well.

So as you can see there are some pretty difficult issues that are quite easy to identify with this new bill which has passed both houses, one unanimous and another by a voice vote. There are a number of other issues raised by it that have not been discussed.

Finally note the original point of this posting, which is that the law is unnecessary, is redundant and in the attempt to restrain certain activities already illegal, has created a structure which has some serious allegedly unintended side effects.

I think that maybe we should have a voice vote on whether the congress that passed this abomination deserves to go back for another term. I suggest we all bear this story in mind on November 8.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box, and the cartridge box. Let's effectively use the first two so we do not have to resort to the third!

4273. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-22 23:28:46 UTC
From: crisp@netcom.com
Message-ID: <crispCy3L7z.9yo@netcom.com>
Source record: 266909
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

In article <rshepard.6.003DF54F@interaccess.com> rshepard@interaccess.com (Robert E. Shepard) writes:
>
>There is a standard called APCO-25 That defines voice/digital voice and data
>communications used by Law enforcement agencies. And for instance, Motorola's
>ASTRO radio system has a "non-encrypted digital mode" It is still digital,
>but is not considered "coded / scrambled". And yes DSP based decoders will
>most definately be the future of scanning as will the computer.
>
>

Thansk for the exact names of the standards. Are they available for
the general public to read and understand?

As far as computers, DSP based decoders being in the future of scanning,
if the rate of encroachment of the rights of radio hobbyists are not
stopped, the law will not permit this to occur as it would naturally.

It is imperative to note this, understand this, and to remember this
when you vote on November 8. The congress has recently passed the most
sweeping restrictions on radio operation and possession since the original
FCC authorization and they are all up for re-election on November 8.

Give them what they deserve!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
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In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4274. Battery Life of Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-10-22 23:47:02 UTC
From: jima119256@aol.com
Message-ID: <38c89m$ivu@newsbf01.news.aol.com>
Source record: 266885

I am wondering what kind of battery life the Pro 43 has. I have a BC2500 and it gets about 6hrs. Does the 43 get more?

4275. Replacement Batteries for BC2500

Newsgroup: rec.radio.scanner
Date: 1994-10-22 23:49:01 UTC
From: jima119256@aol.com
Message-ID: <38c8dd$j0i@newsbf01.news.aol.com>
Source record: 266888

Does anyone know of a source of replacement batteries for the BC2500? I heard that someone in CA was selling them for 21.95. Anyone tried replacing just the batteries themselves?

4276. AmSec Security (San Fernando Valley) Freq Needed

Newsgroup: rec.radio.scanner
Date: 1994-10-22 23:57:27 UTC
From: g9153402@huey.csun.edu
Message-ID: <38c8t7$qla@nic-nac.CSU.net>
Source record: 266886

I'm looking for all the frequencies for AmSec (American Security) that anyone might have in a frequency guide. They're located in Canoga Park California, and are a private security firm serving many businesses/ residences in the San Fernando Valley. They also, I think, terrorize the neighborhood I live in, in the Northridge/Porter Ranch area.

Any help would be appreciated so I can check on these guys.

Thanks,
Berton Corson
Northridge, Calif.

4277. CHP changing freq.s?

Newsgroup: rec.radio.scanner
Date: 1994-10-23 00:20:02 UTC
From: RedFive@ix.netcom.com
Message-ID: <38ca7i$6hv@ixnews1.ix.netcom.com>
Source record: 266901

What's this about the CHP changing their frequencies? Is this true and when will it take affect? Is there any way to modify a Bearcat 590 XLT to pick up the new freqs?
Thanks,
--
/ * _____ \ * . *
* / / ___ \ . \ . Red Five Standing By.... *
|----| /_|_\ |----| * . *
|----| _|_/ |----| . redfive@ix.netcom.com . *
. \ * \o___o/ / .
\ . * / * . Eric Kloss * * .

4278. Scanning the cellular

Newsgroup: rec.radio.scanner
Date: 1994-10-23 00:40:29 UTC
From: hoffj@mhd1.moorhead.msus.edu
Message-ID: <1994Oct22.194029.2738@msus1.msus.edu>
Source record: 266767

I was up in Canada the other day, (my cabin is one mile south of the USA/Canda border) and I just bought an AR1500. I was comparing the 1500 to my Pro 43 in
differnet ranges, and I tried out the 868-896 rage. The 1500 manual says to use 12.5khz steps while the 43 uses 30khz. Which is right? I was getting hits using both steps. I was getting hits on the 1500 where the 43 couldn't go, and visa versa.

Anyone have a comment on this?

Jerad

+--------------------------------------=---------------------------------+
|Citizens Band - Fubar MOORHEAD STATE UNIVERSITY Jerad Hoff |
|Amateur Radio - KB0PCH Moorhead, Minnesota ((|)) |
|Scanner - NUIQ0 /-\ |
|Telephone - (218) 236-3406 /---\ |
|Internet Email- hoffj@mhd1.moorhead.msus.edu /-----\ |
|Snail Mail - 750 Nelson Hall, MSU; Moorhead, MN 56563 "Clapton is God"|
+--------------------------------------=---------------------------------+

4279. M 400 Decoders

Newsgroup: rec.radio.scanner
Date: 1994-10-23 00:48:00 UTC
From: paul.britton@mhs.oz.au
Message-ID: <332.13.120@mhs.oz.au>
Source record: 266872

I was wondering if anyone here owns or is using an Universal M-400 decoder, as
I would like to know the latest ROM revision. My ROM is v1.02..

Paul

Internet: paul.britton@mhs.oz.au (Paul Britton)
Fidonet : 3:714/905
Satcom Australia Space & Satellite BBS
Sydney Australia 612-9050849 28.8k

4280. Newbie YL Seeks Nashville Freqs

Newsgroup: rec.radio.scanner
Date: 1994-10-23 01:00:13 UTC
From: DYBKAJ@HARPO.TNSTATE.EDU
Message-ID: <01HIL5NIWGGY9AMG6G@HARPO.TNSTATE.EDU>
Source record: 266887

Hello;
I've been a SW listener/DXer for a few years, and yesterday
my hubby gave me a scanner for my birthday. After fiddling
around with it I've found these law enforcement freqs:
152.885 154.385 154.860 154.755 155.010 155.070
155.130 155.310 155.580 155.640 460.500 460.275
460.050
and I read that 154.815 is used for surveilance.
Where can I find EMS/Fire frequencies? It's a Pro-23 so
if they're in low band I'll have to do without.
Thanks.
Jill
dybkaj@harpo.tnstate.edu

4281. radio shows

Newsgroup: rec.radio.scanner
Date: 1994-10-23 01:03:52 UTC
From: lkettel@eis.calstate.edu
Message-ID: <38ccpo$9a4@eis.calstate.edu>
Source record: 266890

Are there swap meets or shows where vendors or private individuals come to swap or sell their wares. I live in the so calif area. Just curious. Thanks

4282. Cordless phone and false ringing?

Newsgroup: rec.radio.scanner
Date: 1994-10-23 01:15:28 UTC
From: Dave Shaffer <DCS4@psuvm.psu.edu>
Message-ID: <94295.211528DCS4@psuvm.psu.edu>
Source record: 266893

That may sound like an odd subject line for this group, but
I hope it makes sense in a moment.

In the past ten days, I've begun to receive odd calls at
my home phone number. The phones will ring, but when I
pick up a receiver, there is no one there, the line goes
dead, there is a clicking noise and then a dial tone.

My first thought was that it was some prank caller. But
before I go overboard on that analysis, I wonder if the
problem could be caused by my cordless phone, and I'm posting
this item here to see if any readers of this group might
have some insight into the situation.

More specifically, could it be that one of my neighbors has
installed a cordless phone that operates on the same
frequency as mine...and incoming calls at that residence are
triggering the ringing at my house?

I have more than one phone in the house, but only one cordless.
These odd calls have begun only recently. I've observed maybe
one a day at various times when someone is home. I did try
using a *57 to trace of *69 to call back but in each case
got a message that said the call originated outside the local
phone service area.

Using my handheld scanner, I did identify the frequency on which
my phone operates, but I have not observed any unusual activity
on that frequency...or a strong nearby signal, for example.

I did get such a call earlier this evening, and have since
unplugged the cordless phone. If the calls continue now, logically,
I can eliminate the cordless idea.

Other possibilities? Am I on the right track suspecting the
cordless phone as the culprit in this scenario? - Dave

4283. change that CHP to Sacramento County Sheriff

Newsgroup: rec.radio.scanner
Date: 1994-10-23 01:58:59 UTC
From: RedFive@ix.netcom.com
Message-ID: <38cg13$9ba@ixnews1.ix.netcom.com>
Source record: 266906

That last post of mine about CHP changing their freqs....I should have
said Sacramento County Sheriffs....again, if anyone knows how to
modify a Bearcat 590 XLT to pick up the freqs that will be in the
800 Mhz range, please let me know:D
Thanks,
--
/ * _____ \ * . *
* / / ___ \ . \ . Red Five Standing By.... *
|----| /_|_\ |----| * . *
|----| _|_/ |----| . redfive@ix.netcom.com . *
. \ * \o___o/ / .
\ . * / * . Eric Kloss * * .

4284. 800 Mhz Block Converters Still Legal?

Newsgroup: rec.radio.scanner
Date: 1994-10-23 02:42:25 UTC
From: g9153402@huey.csun.edu
Message-ID: <38ciii$ng@nic-nac.CSU.net>
Source record: 266895

I was looking through a recent Tucker Electronics catalog (800-527-4642) and noticed they had a block converter kit, that pushed the 800 - 950 Mhz band down to a lower frequency range. Are these things convered by ECPA, or is this a loophole in the law? I think the law covered 'easily modifiable receivers/scanners', but I don't think these things are receivers, since all they do is shift frequencies, before they enter your scanner at the antenna connection. Does anyone know?

4285. Re: FCC regulations w/scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-23 02:48:21 UTC
From: g9153402@huey.csun.edu
Message-ID: <38citl$ng@nic-nac.CSU.net>
Source record: 266896

tbrutus@sunyboard.org wrote:

Another suggestion is to use Veronica on a Gopher, and search for
'ecpa'. That whole law is on a bunch of Gopher sites, the last
time I checked (a couple of weeks ago).

4286. Re: Question on Freq downcoverters

Newsgroup: rec.radio.scanner
Date: 1994-10-23 02:55:41 UTC
From: g9153402@huey.csun.edu
Message-ID: <38cjbd$ng@nic-nac.CSU.net>
Source record: 266897

error@hell wrote:
> Hello all:
> I've heard of freq downconverters (especially for 800 Mhz cellular
> down to 400 Mhz). My question is:

> Knowing the step size is 30 Khz in the cellular range, does the
> freq converter somehow maintain this in the 400 Mhz range? My
> suspicion is NO, and that at best you'd get only a fraction
> of the full range in 400 Mhz (like getting images + or - 21.xx Mhz
> away from 869-896). Anyone have any real experience w/ this?

> Thanks
> Tim

My guess is, since I don't own one, is this is a good converter,
it should shift every frequency exactly 400 Mhz down. As far as
images, they are a product of your scanner, not the converter.
If you're using a very good, triple-conversion scanner, and there
is no frequency leakage in your antenna connections so actual 400-500
mhz frequencies aren't interfering with the 800 mhz ones, it should
work.
I do, though, own an old block converter that pushed the cable-TV
frequencies onto the UHF television band, so many cable channels can
be received on older-type televisions. It worked, but the reception
wasn't that great.

4287. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-23 02:57:24 UTC
From: rja@batcomfs.Eng.Sun.COM
Message-ID: <38cjek$9a9@engnews2.Eng.Sun.COM>
Source record: 266761
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <jat741.76.002F511B@rs740.gsfc.nasa.gov> jat741@rs740.gsfc.nasa.gov (Truesdell, Jordan) writes:
+In article <crispCy0Apt.JwL@netcom.com> crisp@netcom.com (Richard Crisp) writes:
+
+>We all knew it was coming, here it is:
+
+
+>
+> Washington, DC -- If private encryption schemes interfere with
+> the FBI's ability to wiretap, they could be outlawed, according
+> to recent comments made by the agency's Director Louis Freeh.
+>
+
+Richard (et al.)
+
+Pray tell, what is it that you are doing that
+
+ a) You need to encrypt your transmission and
+
+ b) You don't want the government to find out what you're sending.
+
+Perhaps you should rethink your angle on this. If you had a blanket covering a
+bunch of "stuff" in the back seat of your car, wouldn't you expect the local
+authorities to become suspicious? What if you didn't allow them to look

No more than I'd expect them to pull me over and look up my ass
with a flashlight...in a free country. Just what the hell business
is it of theirs WHAT I have in my backseat? Maybe I'm just expecting
too much. I must have missed the day at the Department of Motor
Vehicles where they told everyone that by getting a drivers
license they were signing away their Civil Rights.

+underneath, even with a warrant?

They'd do what they do already: violate your civil rights,
look for probable cause to continue their invasion of
your privacy, perhaps steal some of your legally owned
property under color of authority ("Consider yourself
lucky I'm only confiscating this rather than arresting
you."). I've personally seen this done, and I know
attornies who know of dozen more cases.

Attitudes like yours are what allowed the Nazis to kill
the people they wanted, and what allowed white police to

"keep the niggers in their place". Today the only difference
is that the police, federal, state, and local, are equal
opportunity oppressors. Anyone who steps out of line
risks being killed.

It must be nice to live in the peaceful bliss you
have. I envy you.
--
Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

The Constitution of the United States: R.I.P, 9/13/94
(the day Bill Clinton signed the Crime Bill)

4288. Re: Where can I get a fixed r\angle bnc connector?

Newsgroup: rec.radio.scanner
Date: 1994-10-23 03:47:42 UTC
From: nelso901@raven.csrv.uidaho.edu
Message-ID: <38cmcu$1kn@owl.csrv.uidaho.edu>
Source record: 266902

SCAN911 (scan911@aol.com) wrote:
: In article <374c4f$11n4@tequesta.gate.net>, habu@gate.net (Michael Fink)
: writes:

: >Anyone know where I can find a right angle Bnc connector that
: >does not flop around left to right. Does anyone have any ideas
: >on how to fix one short of wrapping electrical tape around the
: >damn thing?

: Radio Shack sells 'em. Great for sticking those ducks out to the side.

: Chuck
: scan911@aol.com

Radio Shack has a "Right Angle BNC adapter" part #278-116 $3.99

4289. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-23 04:27:16 UTC
From: kernsj@freenet3.scri.fsu.edu
Message-ID: <38con4$eq5@freenet3.scri.fsu.edu>
Source record: 266905
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Kyler Laird (laird@pasture.ecn.purdue.edu) wrote:
: jat741@rs740.gsfc.nasa.gov (Truesdell, Jordan) writes:

: >Perhaps you should rethink your angle on this. If you had a blanket covering a
: >bunch of "stuff" in the back seat of your car, wouldn't you expect the local
: >authorities to become suspicious? What if you didn't allow them to look
: >underneath, even with a warrant?

: Good point! And, hey - what about those goof-balls that pull their
: drapes at night?! What is it they're trying to hide? If people
: need privacy, they should be required to tell everyone why and get
: a permit for it.

: --kyler

And what about people that close the bathroom door when they're
takin a dump? And what about people who close their eyes when they
think?
I realize, of course, that many people grew up in abusive
situations in which their parents or whoever even took away their
bedroom doors (see War On Drugs, and Family Values) maybe because
their parents never individuated from their own parents (perhaps
because they were forced to live under similar situations and abuse)
and that this sort of abused mentality, one in which the abused gives
up all rights to privacy to whatever authority figure, is now
pervasive in the thinking of many people. Both among people
in the government (see Lucky Luciano's friend J.Edgar Hoover, see Clipper
Chip and War On Drugs) and people everywhere else. It's about
control.
--
"Many of us have reason to know what long hours and low pay mean. Any
movement that aims at one or the other will have our sympathy and
support. We may be militiamen, but we are workmen first."
-An officer of a New York regiment called to put down a RR strike,1877

4290. PRO-62 vs. PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-10-23 04:58:03 UTC
From: cbeatty@galaxy.galstar.com
Message-ID: <38cqgr$4ut@galaxy.galstar.com>
Source record: 266907

I just bought a PRO-62 and I was wondering if it is better than the
PRO-43. From what I read on the newsgroup the PRO-43 seems popular.
I looking for a good handheld scanner that can be easily modified...
I am new to scanners so any information would be appreciated. Is there a
better handheld available in the $300-$400 price range...

Craig.

4291. Re: Fire pull boxes

Newsgroup: rec.radio.scanner
Date: 1994-10-23 06:29:00 UTC
From: forfeak@lmsmgr.lerc.nasa.gov
Message-ID: <23OCT199402294939@lmsmgr.lerc.nasa.gov>
Source record: 266910

In article <zenith89-211094124313@47.80.2.73>, zenith89@bnr.ca (Chris Van Fleet) writes...
>In article <1994Oct21.092524.23656@emba.uvm.edu>, scavanau@moose.uvm.edu
>(Shannon P. Cavanaugh) wrote:
>
>> In my area, all the fire pull boxes have an antenna like "thing"
>> protruding from the top of every box. It always made me curious, yet two
>> seconds later I'd forget all about it.
>> Then it donned on me that every time a dispatcher sends the trucks
>> rollin' for a box alarm, they always say "radio box alarm".
>> Does anyone know which freq. range this might be in ??
>
>Suggestion: get a frequency counter, put it CLOSE to the alleged
>antenna and then pull the fire alarm. Get the frequency... and then
>leave quickly. :-)
>
>Some apartment buildings where I live now put "invisible dye" on
>pull stations now, "invisible" meaning visible only under ultraviolet
>light. Guess they got tired of "invisible" fires. So you may want to
>wear gloves. :-)
>
>--
>Chris Van Fleet, Bell Northern Research.
>Phone (613) 763-7541, fax (613) 763-7383.
>Internet: zenith89@bnr.ca or ba794@freenet.carleton.ca

Chris:

As a Firefighter and driver of said appparatus WHERE IS YOUR @#%$#@ HEAD,
its people like you that I would like to hang from your tally wacker and
beat the @$#$#@$ out of you for suggesting that someone pull a box alarm
just to see what the frequency is. do you understand what the danger is
involved when some asshole does this, equipment needlessly responding,
Other drivers and pedestrians put at risk due to the equipment responding.
I know some Firefighters that would just about kill you if they catch you.
You are a sick person! and need help! I can't believe you would do something
like this, just to get your jollies off and to see what a frequency is.
Would it not be better just to call or stop by the station and ask, or are
you afraid to show your face around the station for fear of being
recognized, You are probably the reason they had to put the dye on the
alarm boxes,

Mabe I'll call you local Fire dept. and let them know what kind of sick
idiot they have in thier area, since I know have your phone number, they
could check and see if there have been any false alarms in that area that
you live!

Shannon:

Don't take this SOB's advise, it will only cause you trouble in the long run.

Randy

Oh ya, I would have E-Mailed you directly, but you needed a good chewing on the net for such a stupid idea.

****
This is not the end, This is not the beginning of the end, This is the end of the beginning!!!!
****

4292. ICOM Control Software

Newsgroup: rec.radio.scanner
Date: 1994-10-23 07:55:38 UTC
From: scotto@ipars.sds.com
Message-ID: <Cy48or.AzI@ipars.sds.com>
Source record: 266911
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Having recently purchased an R9000 I'm now looking for companion software packages to control it from a PC.

I would ideally like to control it from my SCO Unix machine but would like to find _any_ software.

I suppose whatever is available would also control my R7000?

Thanks in advance.
--

Scott O'Connell
Spectrum Data Services
scotto@sds.com

4293. Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-23 10:01:00 UTC
From: jason@cpubbs.cuug.ab.ca
Message-ID: <9969_94099699@cpubbs.cuug.ab.ca>
Source record: 266814

> I've got a (modded) pro-43 scanner and haven't ben scanning for that
> long and
> I'm going on a business trip on the 28th and want to know if I can
> take it on
> board and listen in ...

> Will the security guards hassle me when they see a box with an
> antenna in my
> bag?

I flew from Calgary to Toronto last April and took my PRO-44 with me. I carried on my everpresent college-size backpack [hm, now that didn't sound right.. you know what I mean :)]. It passed thru the machine, the guard at the end said "THIS YOUR BAG?", I replied, "uh, yeah." "CAN I LOOK IN IT?" "Sure, no sweat" She opened it up, peeked around, "Oh, a scanner," zipped it back up, "Have a nice flight"

I didn't bother to listen to it on the plane, but contrary to what someone else said, it's not illegal to listen. You just have to get permission from the pilot first. Not the attendants, not the baggage handlers, THE PILOT.

jason low jason@cpubbs.cuug.ab.ca derran@sdf3.cpubbs.cuug.ab.ca
REMR - Pump-A - Parts 1 & 2 - Driver - V-X Tech - Trench Tech - General Peon

4294. UHF airband

Newsgroup: rec.radio.scanner
Date: 1994-10-23 10:04:14 UTC
From: Keith@elgin.demon.co.uk
Message-ID: <782906654snz@elgin.demon.co.uk>
Source record: 266912

Hi,

The main part of my scanning hobby is listening to the UHF military airband here in the UK. A large amount of US military aircraft entering UK airspace can be heard from my QTH so I would like to make contact with other monitors state side who also enjoy this hobby. I have a lot of callsigns, base frequencies and stud tie-ups for aircraft based in the UK which I would swap for any info on the US scene. Anyone interesed please email me, thanks in advance.

--

+---+
Keith Elgin		
	_	
Internet : keith@elgin.demon.co.uk _____________	_( )_	_____________
Voice : +44 (0)265 43575 o +	+ [(o)] +	+ o
Amateur : GI7S0B *[_]---[_]*
+---+

4295. Re: PRO-62 vs. PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-10-23 12:53:48 UTC
From: gdallal@world.std.com
Message-ID: <Cy4MHo.DK3@world.std.com>
Source record: 266913

Craig Beatty (cbeatty@galaxy.galstar.com) wrote:
: I just bought a PRO-62 and I was wondering if it is better than the
: PRO-43. From what I read on the newsgroup the PRO-43 seems popular.
: I looking for a good handheld scanner that can be easily modified...

If RS has done it right, and only time will tell, there is just 1 mod for the PRO-62. It does not require tools.
(1) Sell Pro-62
(2) Use proceeds to buy some other unit that has already been modified.

I haven't seen the 62 yet, but its specs look promising (triple conversion, etc.). However, if modification is important to you, I would scour the neighborhood for a PRO-43 without an A in the serial number--even if it meant buying a demo--and return the 62. There is always the chance that RS (or, rather, a supplier) screwed up again and that the 62 is modifiable, but I would keep one eye in rec.radio.scanner looking for mods and the other eye on the calendar looking at the 30-th day after purchase.

4296. Re: Radio Shack

Newsgroup: rec.radio.scanner
Date: 1994-10-23 13:00:00 UTC
From: gdallal@world.std.com
Message-ID: <Cy4Ms1.Dyn@world.std.com>
Source record: 266914

Janne Ristavaara (jpr@tefbbs.pp.fi) wrote:
: Could anyone tell me phone, fax & address of some Radio Shack store ?

: -JR-

.fi = Finland?

Try Grove 800/438-8155, 704/837-9200, fax: 704/837-2216
P.O. Box 98, Brasstown, NC 28902

or Marymac 800/231-3638, 713/392-0747, fax: 713/574-4567
22511 Katy Fwy., Katy(Houston), TX 77450

Marymac may be a bit cheaper but Grove has no restocking fee while
Marymac has a 15% restocking fee.

4297. Re: CORDLESS SCANNING OUTLAWED

Newsgroup: rec.radio.scanner
Date: 1994-10-23 13:00:40 UTC
From: sbradley@sgb.oau.org
Message-ID: <Cy4Mt5.C99@sgb.oau.org>
Source record: 266781

David Michael Moore (davidm@iglou.com) wrote:
: In article <38133p$7ib@newsbf01.news.aol.com>,
: rotnapple@aol.com (RotnApple) wrote:

: > Of course if you are in California, it is illegal to monitor Cordless as
: > well as Cellular calls. The state passed a law specifically stating
: > Cordless phone.

: Actually, now it doesn't really matter where you are, if it is an area that is
: under the control of United States laws. The recently passed Digital Wiretap
: Act included the removal of the exception for cordless phone in the ECPA. Now
: cordless phone falls under the same restrictions as cellular, atleast as far
: as the ECPA is concerned. There has been no change (yet) to prevent the
: manufacture of cordless-capable scanners...I guess the 103rd Congress is going
: to leave that up to the 104th...

Of course, what good it will do them (I mean the passing of a law, like we really care? Like we are actually going to obey it? <- NOT!). It's only as good as it can be enforced. If the police did not have radar, and had to catch up to you with their car - calibrated to determine your speed, take a guess how many would speed! The point I am making, there is NO MEANS TO ENFORCE THE LAW in the privacy of your home or vehicle. Oh sure in some places the vehicle part could be questioned (if "installed or present") but as to what you are listening to, unless you are a total fool, you are damn safe, ESPECIALLY at home or using headphones/earphone etc when outside.

As to the cordless frequencies, they can be monitored using modified baby monitors, other 10 channel cordless handsets, kiddie-talkies, you name it. They can not and will not ban scanners with cordless frequencies. If they DID, you would find the top line portable phones of 10 channels and no scrambling all in immediate VIOLATION, since unlike the cellular, they will actually scan for a free channel to use and all have four or more (of the decent ones). Mine will do them manually or scan mode, and I have it for listening to other cordless phones! IOW, they work differently!

As I said in an earlier post, I have not found one person to date who is going to stop listening to their neighbors cordless phones "because of the new law". I have not heard anyone say they are quitting for any other reason either.

So, boneheads in DC, let's face it. You make a crummy law, everyone IGNORES it, what are you going to do about it? Not much except whine like a legal mouthpiece about how it's wrong, etc. Well if that's the case, how about mailing me payments EACH and EVERY month and LEASE my AIRSPACE for your calls? I OWN my airspace, and I shall monitor cordless, cellular, you name it -- and there is NOTHING, that is N-O-T-H-I-N-G you can do to stop me.

Oh sure, you can state "penalties", but catching a person in the act, well, let's say when you have the drug and prostitutes problems under control, also the credit card fraud problem under control, then MAYBE you may have time to chase the scanner owners, but let's face it, you're understaffed, outnumbered, and no means to get a judge to issue a no-knock warrant on the grounds "you believe there is an active monitor of cellular or cordless phones in the premises located at xxx xxxxxxxx xx".

Give me a break! There is NO WAY to enforce this law, and with the new vice they can sell more since it is now legally private, I/we will have MUCH MORE to listen to, not less.

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

4298. RE: scanners on board planes

Newsgroup: rec.radio.scanner
Date: 1994-10-23 14:29:00 UTC
From: sysop@pfzrfsg.com
Message-ID: <29e.771.21@pfzrfsg.com>
Source record: 266916

In article <38bbsu$g1m@informer.cc.gasou.edu>
LPRICE <lprice@gsvms2.cc.gasou.edu> said:

LP> Sorry, the advice that "use on baord planes is up to the discretion of the
LP> pilot" is outdated ...that was true a few years ago. For certificated
LP> airlines there is now a FAR that prohibits any radio receiver use on
LP> board.

Would you please post the reference to the specific FAR?

Internet E-Mail: sysop@pfzrfsg.com (System Supervisor)

4299. Re: Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-23 15:08:00 UTC
From: sysop@pfzrfsg.com
Message-ID: <29e.772.21@pfzrfsg.com>
Source record: 266915

In article <38d16j$pk0@newsbf01.news.aol.com> Greg <gmm6797.aol.com> said:

GG> Once seated I try to hide the scanner from the flight attendants to
GG> minimize the headaches later. Most carriers allow for radio
GG> receiving with out transmitting, so don't transmit! A goo place to
GG> find the rules to work in your defense is in the back of the travel
GG> magazine in the seat...

GG> ...That is my bright Idea. I would like to hear yours either...

IMHO you are a dangerous jerk.

Why would you hide your equipment from the flight crew? Does that mean that you feel that you are above rules and regulations that are designed for your safety and the safety of others? Even if the airline that you are flying is wrong about the safety of scanners (and I believe that scanners are generally safe) what harm could it do if you showed a little maturity and refrained from using your scanner during the flight? At worst you might have to do something else and if the airline and the FCC happen to be right, you have avoided creating a potential disaster.

BTW, what kind of scanner do you have that transmits? Are you carrying a portable airband transceiver onboard? That would make you juvenile behavior even worse.

People like you make life very difficult for those of us that take the scanning hobby seriously. Your kind of irresponsible behavior has resulted in the current atmosphere of anti-scanning sentiment. I certainly hope that you do not drive your car or conduct other aspects of your life with the same reckless disregard for others; but I have my doubts.

Internet E-Mail: sysop@pfzrfsg.com (System Supervisor)

4300. Re: Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-23 19:15:05 UTC
From: wwhitby@aol.com
Message-ID: <38ecnp$5co@newsbf01.news.aol.com>
Source record: 266917

I took my 2m transceiver and two scanners to Denver last summer. Never had a problem carrying them on to the plane or using them on the plane. I flew Delta and Delta allows the use of <VHF scanners> by name in their Sky magazine. They only allow in-flight use, not during takeoff or landing. I didn't hear much, I was so excited to be on a plane for the first time in years that I didn't turn my scanner on much.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

4301. Re: Freqs for Sullivan County or Bethel, N.Y.

Newsgroup: rec.radio.scanner
Date: 1994-10-23 19:33:02 UTC
From: bradm30389@aol.com
Message-ID: <38edpe$5lt@newsbf01.news.aol.com>
Source record: 266918

In article <328gbm$nld@access2.digex.net>, bote@access.digex.net (John Boteler) writes:

I was up in Woodstock NY yesterday and used scanner master NY NJ metro area guide to find freqs. I found it to be very helpful. In case you don't know Woodstock is in Sulllivan Co.

73 DE Adam

4302. Re: Help requested on handheld purchase

Newsgroup: rec.radio.scanner
Date: 1994-10-23 19:35:07 UTC
From: bradm30389@aol.com
Message-ID: <38edtb$5na@newsbf01.news.aol.com>
Source record: 266919

In article <32e82p$1b7@search01.news.aol.com>, terryb7949@aol.com (TerryB7949) writes:

Can It really do Cellular w.o. Modification ??

Adam

4303. Re: ICOM Control Software

Newsgroup: rec.radio.scanner
Date: 1994-10-23 19:59:56 UTC
From: henniger@crl.com
Message-ID: <38efbs$q05@crl10.crl.com>
Source record: 266920
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

scotto@ipars.sds.com (Scott O'Connell) writes:

>Having recently purchased an R9000 I'm now looking for companion software
>packages to control it from a PC.

>I would ideally like to control it from my SCO Unix machine but would
>like to find _any_ software.

I would suggest getting icom.c off the internet via an archie search or
some such, and then modifying it for the 7000/9000 extensions.

You can get the specification for the RS-232 / ttl /multidrop protocol
called C-IV from Icom documentation directly for about $25. It is titled
"CI-V Icom Communication Interface - V Reference Manual." I have seen the
third edition, but don't know the latest version.

>I suppose whatever is available would also control my R7000?

For the most part it is true that the R7000 and 9000 command sets are the
same. The differences are in the 'scan edge channel' commands and those
dealing with modes not supported on one but on the other (e.g. RTTY,
wide-FM, CW, etc.)

One final note, I did talk to the folks at Ham Radio Outlet, and they
claimed they have radio control software which will operate at
least some Icom radios, but I do not know which model numbers.
The radio control programs available commercially are usually
directed at the kenwood receiver/transceivers.

Mick
(AC6EU)

>Thanks in advance. >--

>Scott O'Connell
>Spectrum Data Services
>scotto@sds.com

4304. FREE Fishing Tackle Catalog

Newsgroup: rec.radio.scanner
Date: 1994-10-23 20:03:18 UTC
From: lkamei@interserv.com
Message-ID: <38efi6$4o@klatu.interserv.net>
Source record: 266921

For Fishing Fanatics...

FREE TACKLE CATALOG! Featuring a hundreds of the latest products for the Fishermen!

Reply with your Name and Address via E - Mail at lkamei@interserv.com Allow 3-4 weeks for delivery. Thank you!

Catalog Requests outside of the USA will need to forward $2.00 to offset postage costs.

You may send your request via Air Mail to:

Angler's Specialty Products Co.
2212 Paseo Noche
P.O. Box 2813 - IB
Camarillo CA 93011-2813

or

E - Mail:

lkamei@interserv.com

Offer Good Through 12/31/94

4305. Re: 800 Mhz Block Converters Still Legal?

Newsgroup: rec.radio.scanner
Date: 1994-10-23 20:07:20 UTC
From: mulligan@ACM.ORG
Message-ID: <38efpo$p5t@hopper.acm.org>
Source record: 266922

g9153402@huey.csun.edu (Berton Corson) asked:
> ... a block converter kit ... Are these things convered by ECPA ...

The ECPA (1986) refered to the act of listening. It was TDDRA (1992) that banned devices. The resulting FCC rules include:

47 CFR 15.121 (a) .... scanning receivers, and frequency converters designed or marketed for use with scanning receivers, must be incapable of ....
[see also 47 CFR 2.975(a)(5) and 15.37(f)]

Tucker (and others) could argue that their device was intended for use with microwave ovens and are therefor exempt <g>, but they wouldn't get very far.

/* barry /&

4306. Re: PRO-62 vs. PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-10-23 20:21:21 UTC
From: kwong@ee.ualberta.ca
Message-ID: <38egk1$qs5@quartz.ucs.ualberta.ca>
Source record: 266923

Jerry Dallal (gdallal@world.std.com) wrote:

> I haven't seen the 62 yet, but its specs look promising (triple
> conversion, etc.). However, if modification is important to you, I would
> scour the neighborhood for a PRO-43 without an A in the serial
> number...

I just bought a Pro-43 last week here in Calgary, Alberta, Canada. I am now wondering if this unit can be modified for cellular coverage. This radio with Canadian DOC certification markings has serial number 084730. The box has a small sticker that reads 3A4. Does the same rule about having an A in the serial number apply to radios made for Canada?

4307. Pro-43 memory doubler?

Newsgroup: rec.radio.scanner
Date: 1994-10-23 20:29:00 UTC
From: clarkan@earlham.edu
Message-ID: <1994Oct23.152852.29733@earlham.edu>
Source record: 266577

To the person who posted the Pro-43 Memory Doubling mod and light mod, could you email it to these two addresses? I tried to capture it, but my copy got corrupted.

clarkan@yang.earlham.edu
jeremiah@yin.earlham.edu

Thank you
Andy Clark

4308. Dayton Mall Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-23 20:30:41 UTC
From: clarkan@earlham.edu
Message-ID: <1994Oct23.153032.29736@earlham.edu>
Source record: 266578

Hi,

Does anyone have freqs for the Dayton Mall in Miamisburg/Centerville, OH?
I would much appreciate them.
Thanks,
Andy Clark

4309. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-23 21:03:12 UTC
From: Ed Faulk <efaulk@shelties.dp.beckman.com>
Message-ID: <1994Oct23.140623.1530@biivax.dp.beckman.com>
Source record: 266775

In article <linleyCxxxG1.Ds@netcom.com>, <linley@netcom.com> writes:
> In ye olden post wwhitby@aol.com (Wwhitby) spake...
> >
> >Big cities may go to digital as soon as they can. It will be a while
> >before small towns will.
>
> Unless all police depts. all choose the same digital radio system, analog
> communications will still be needed when one police dept. needs to radio
> another.
>
> I feel that a digital transmission method must be (1) standardized and
> (2) defined to be "unencrypted". Otherwise the entire radio spectrum may
> end up being illegal to listen to (short of the broadcast bands).
>
> --
> Bruce James Robert Linley =-=-=-=-=-=-=-=-=-=-=-=-=-= Amateur Radio:
KE6EQZ
> linley@netcom.com <--- Left Brain =-=-=-=-= Right Brain --->
linley1@aol.com

Well, her in Orange County, CA most of the PDs are making one of two moves.
Either they are going to computer-based communications for dispatching and
car-to-station communication, or they are moving to a new trunked system to
be installed over the next four years. Of course, short-range car-to-car and
tactical frequencies will still be carried over the radio, but even that is
up in the air right now.

Ed

```
*******************************************************************************
* Ed Faulk | "If ignorance is bliss, *
* SnailMail: Beckman Instruments, Inc. | 'tis folly to be wise." *
* 3300 Birch St. | Phone: (714) 961-3383 *
* Brea, CA 92621 | FAX: (714) 961-3351 *
* Internet: efaulk@shelties.dp.beckman.com | CIS: 75500,2726 *
*******************************************************************************
* Outside of a dog, a book is man's best friend, *
* Inside of a dog, it's too dark to read. -G. Marx *
*******************************************************************************
```

4310. for sale: PRO 39

Newsgroup: rec.radio.scanner
Date: 1994-10-23 21:13:33 UTC
From: g-man@garlic.com
Message-ID: <38ejlt$tni@garlic.com>
Source record: 266924

For sale pro 39. 165.00(I will pay shipping in U.S)

g-man@garlic.com

4311. Re: Icom IC-R1

Newsgroup: rec.radio.scanner
Date: 1994-10-23 21:25:18 UTC
From: dseitel@crl.com
Message-ID: <38ekbu$ih3@crl4.crl.com>
Source record: 266776

Shawn C. Masters wrote:
> Yes the manual is poor. To scan mem you hold the F key and press
> one of the M keys and on the bottom row. I don't have the scanner
> in front of me to say which one scans which way. You also have to
> be in mem mode.

To enter "memory mode", press MR. Then a small "M" will appear down and to the right of the center of the display. In "memory mode", it will do "memory scan", "memory skip scan" and "mode select scan".

You have to be in "VFO mode" to search or do an auto-write scan. You enter "VFO mode" by pressing CL. (Search is called "programmed scan" in Icomese. There is also available "programmed skip scan".)

The manual explanations really are cumbersome.

David S. Eitelbach
dseitel@crl.com

4312. Canadian Scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-23 21:29:09 UTC
From: netowns@netowns.bcsc.gov.bc.ca
Message-ID: <1994Oct23.142909.5517@venus.gov.bc.ca>
Source record: 266779

I am wondering if someone can answer a question for me. Before the summer I was reading numerous posts about US Scanners having cellular capabilities disabled and many people saying they would now have to get their scanners from Canada or the UK if they wanted to do cellular mods.

I have a friend who just purchased a Pro-43 and when attempting to do the mods to make it cellular capable, he noticed there are only diodes D1 and D2. Therefore, the mods that are posted could not be done. His model number is 20-300 *not* 20-300A but his serial number is A00xxxx which is lower than my serial number of 06xxxx (no letter A preceding) which was bought about a year ago.

I have not been reading the posts for some time and was wondering if I missed something where Canada was following the US lead and discontinuing cellular capability. Comments?

*
*Disclaimer:
*Material and opinions contained within are solely those of the author and do
*not represent, in whole or in part, those of BC Systems Corporation.
*
Neil Townsend
BC Systems Corporation
Victoria, B.C., Canada

4313. ? for other Yupi owners.

Newsgroup: rec.radio.scanner
Date: 1994-10-23 21:33:38 UTC
From: habu@gate.net
Message-ID: <38ekri$1aeh@tequesta.gate.net>
Source record: 266777

I recently bought a Mvt7100 and am having problems with it scanning
certain frequencies. It off and on seems to hang on certain freqs mostly
in the 164-168 and 414-420 range. All the channels are fed mostly Atf\Customs
and Dea it usually hangs on the same 5 or 6 frequencies. The problem is
intermitent and can solved by using the attenuator key. Could this be
a problem with the yupi or is it interference of some sort. I also am
wondering if it could be internally generated noise or could it be weak
signals. The signal bar usually displays about 3 to 4 bars when the channel
hangs.

Thanks Mike

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

4314. Re: UHF airband

Newsgroup: rec.radio.scanner
Date: 1994-10-23 21:45:58 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cy5B4M.ICD@freenet.carleton.ca>
Source record: 266778

In a previous article, Keith@elgin.demon.co.uk (Keith Elgin) says:

>Hi,
>
>The main part of my scanning hobby is listening to the UHF military airband
>here in the UK. A large amount of US military aircraft entering UK airspace
>can be heard from my QTH so I would like to make contact with other monitors
>state side who also enjoy this hobby. I have a lot of callsigns, base
>frequencies and stud tie-ups for aircraft based in the UK which I would swap
>for any info on the US scene. Anyone interesed please email me, thanks in
>advance.

How about Eastern USA/Canada NORAD frqs...

GRIFFISS AFB AREA FREQUENCIES

133.25 Boston Ctr (Lo) 279.5
135.075 Bos Ctr (Hi) 232.4
284.7 Griffiss ATIS 372.2 Pilot-Dispatcher
118.5 Griffiss Appr (East) 269.5
126.65 Appr (West) 353.6
311.0 Cmnd Pst 321.0 Cmnd Pst
126.65 Tower 289.6
236.6 121.8 Ground
275.8 395.0 Dep
344.6 Metro 228.2 AMC aircraft

MILITARY AERO

228.9 NORAD ME QUE 251.0
256.6 263.6
270.4 274.4
228.6 NORAD ONTARIO 235.9
239.1 239.7
254.4 258.8
261.4 271.0
276.0 278.2
282.6 284.8
288.4 292.4
293.8 309.5 HUNTRESS
318.4 AWACS 328.0
327.6 324.6
282.4 228.7
273.8 ACC SAC FEMA 342.2 ACC (SAC)
321.2 375.7
348.7 Bos Lake George 282.2 Bos Mt Mans

321.3 Bos Turin 323.0
377.1 Bos Massena 360.8 Burl App
283.8 NORAD BoatSail 303.0 NORAD VT ANG
258.8 NORAD 309.5
233.6 318.4 AWACS
251.8 AWACS 303.9
364.2 NORAD Disp 239.8 PBG Metro
372.2 PBG PTD 311.0 Adirondack
321.0 RAYMOND 42 276.5 AR
138.525 Maple Ops 261.8
293.7 255.4 FSS
235.1 A-A (unconf) 282.4 AR (unconf)
324.6 AR 295.8
283.9 318.0 AR (unconf)
238.9 260.2
289.7 293.0
295.4 319.5
319.7 320.9
343.5 348.9

These will be out of range of your equipment... But there is a very
good chance that they may be duplicated in your area.

check 6

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

4315. The FBI director should get his priorities in order

Newsgroup: rec.radio.scanner
Date: 1994-10-23 21:50:06 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cy5BBI.IMK@freenet.carleton.ca>
Source record: 266780
Cross-posted to: alt.radio.scanner,rec.radio.scanner

You have terrorists blowing up buildings, and he is worried about
scanners... Geez! Talk about wasting resources.

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

4316. RE: scanners on board pla

Newsgroup: rec.radio.scanner
Date: 1994-10-23 22:16:45 UTC
From: jstone@iglou.iglou.com
Message-ID: <1994Oct23.221645.29157@iglou.com>
Source record: 266782

To: LPRICE@GSVMS2.CC.GASOU.EDU (LARRY PRICE)
Subject: RE: scanners on board planes

>From: LPRICE@GSVMS2.CC.GASOU.EDU (LARRY PRICE)

L>Sorry, the advice that "use on baord planes is up to
>the discretion of the pilot" is outdated ...that was
>true a few years ago. For certificated airlines there
>is now a FAR that prohibits any radio receiver use on
>board. The obvious reason is possible radiation form
>on or more stages of the LO. There are now three classes
>of electronic devices on board (1) use anythime you
>want (2) use except when plane is landing or taking off
>(3) never use. Scanners fit in to category 3 above.

Then somebody needs to tell Delta as there Inflight magazine still says
that you can use it, except during take-off and landing. Also all
airlines are telling passengers to shut all electronic stuff during
take-off and landings....so it sounds like any electronic gadget falls
into cat. 2.

John Stone

4317. Pro-43 on sale at RS for $260 U.S.

Newsgroup: rec.radio.scanner
Date: 1994-10-23 23:40:14 UTC
From: hancock@access.mbnet.mb.ca
Message-ID: <38es8u$3td@canopus.cc.umanitoba.ca>
Source record: 266784

Just got back from my local RS and noticed the Pro-43 on sale for $349 Cdn which is roughly $260 U.S. If you've been waiting for this scanner to go on sale now's the time to head down to RS and pick one up at a great price. I don't know if this sale is nation wide or what RS's policy is regarding matching sale prices in other parts of Canada. Any Americans close to the U.S./Cda border my want to make the trip into Canada to pick one up but I would suggest confirming the price with the specific store before leaving. The Pro-43 sold in Canada can be modified as there is no restriction on selling cellular capable scanners here (yet).

I also noticed RS is selling the Pro-51 and the Sport-Cat. The Sport-Cat had a black case and sells for $499 Cdn.

--

Paul Hancock
Winnipeg, Manitoba
Canada

4318. radio interference

Newsgroup: rec.radio.scanner
Date: 1994-10-24 00:04:59 UTC
From: Scannermaster <thejanitor@delphi.com>
Message-ID: <RMx16Pb.thejanitor@delphi.com>
Source record: 266783

My area has a 800 mhz trunked radio system for public safety.
Occasional I get cellular phone interference over my car's scanner.
What causes this?
Also, why do they have to block out a channel?
Is this done to dissuade scanner listeners or what?
Any explanations would be appreciated.
Thanks,

4319. Good cheap antenna

Newsgroup: rec.radio.scanner
Date: 1994-10-24 00:35:55 UTC
From: heathbar@cyber1.servtech.com
Message-ID: <38evhb$j7@uhost1.servtech.com>
Source record: 266786

I found a way to make a real cheap, sensitive antenna for a portable or base scanner. All you need is a short length of electrical tape, between eight and 10 feet of a single strand telephone wire, and a twist-on BNC or other antenna connector.

You strip one end of the telephone wire and snake it into the middle prong of the BNC connector. Tape the wire to the connector with the electrical tape and you have a good antenna that takes little time to make. I use it for my base scanner at home -- I get 40-mile low-band range, 30-mile high-band range, and decent performance on UHF and 800 MHz monitoring.

Merry monitoring!!!

This message sanitized for your protection,

Brian Heath heathbar@cyber1.servtech.com
Rochester NY "Fake it until you make it"

4320. Re: Pro-43 on sale at RS for $260 U.S.

Newsgroup: rec.radio.scanner
Date: 1994-10-24 00:37:56 UTC
From: dwatt@unixg.ubc.ca
Message-ID: <38evl4$h47@nnrp.ucs.ubc.ca>
Source record: 266787

Paul Hancock (hancock@access.mbnet.mb.ca) wrote:
: Just got back from my local RS and noticed the Pro-43 on sale for $349
: Cdn which is roughly $260 U.S.

The same sale is in effect here for any B.C. or Washington State
residents who may be interested in taking advantage of this deal.

Cheers, dAvE

4321. Re: Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-24 00:48:00 UTC
From: sysop@pfzrfsg.com
Message-ID: <29e.804.21@pfzrfsg.com>
Source record: 266785

In article <38e10pinnksk@life.ai.mit.edu> Paolo Bevilacqua
<nemo@gnu.ai.mit.edu> said:

PB> I think Greg is in the right to know WHO is stigmatizing him
PB> so hardly.

You are very right. I usually identify myself when using the sysop ID. My oversight was regrettable.

Michael Wallach
mjw@pfzrfsg.com

PB> I mean, being a "system spervisor" doesn't give you the right to
PB> criticize other people behavings anonymously

You are right again. Being a system supervisor gives me no more right to criticize someone then any one else. The opinion expressed was my own and not the result of a specific position

PB> ... like you can do to your system users with "Do that and Don't do that"
PB> messages, that I guess are very frequent at pfzrfsg.COM.

I have never found it necessary to issue "Do that and Don't do that" messages on my system. That is because I do not and should not censor anyone. We are all adults and SHOULD take the consequences of our own actions.

That said, my opinion does not change. Hiding one's action is an admission that that the individual KNEW the action was wrong. Trying to avoid "problems" from a flight attendant to satisfy the desire to use the scanner is at best very selfish. As a long term scanning hobbyist I do not appreciate the actions of individuals that put any aspect of the hobby at risk and I especially don't like having my safety at risk.

I have used my scanner many times while flying. In every case it was with the expressed permission of the cockpit crew. On more than one occasion I was challenged by a flight attendant. A few seconds of conversation letting the attendant know that I had permission or that scanning was consistent with the company's policy ended the "problem" and let BOTH of use enjoy the flight. In those cases where I was told not to use the scanner, that was that, and out came a book.

As I implied in my original message, attempting the covert use of a scanner on an airplane can serve no purpose other then to satisfy the lack of impulse control demonstrated by Greg.

It is actions like Greg's that give this hobby a bad name.

Michael Wallach
mjw@pfzrfsg.com
or
sysop@pfzrfsg.com

Internet E-Mail: sysop@pfzrfsg.com (System Supervisor)

4322. RE: RS Pro-51

Newsgroup: rec.radio.scanner
Date: 1994-10-24 01:44:58 UTC
From: stblasen@iastate.edu
Message-ID: <38f3iq$mt8@news.iastate.edu>
Source record: 266791

I dropped by Radio Shack today to order an extra battery holder
for my Pro-43 (just a spare)...when I happened to notice that two
of the scanners that had been pulled from the shelves (Pro-23 & 51) -
were back on the market (Pro-51 selling for $299). I didn't really
look at either...but it would be MY GUESS that they fixed them so
you can't restore the cellular bands from the keyboard...and maybe
bumped up the serial number by a letter????? Can ANYONE CONFIRM this???

Just Wonderin!

Steve

--

Steve Blasen Iowa State University
stblasen@iastate.edu Ames, Iowa

4323. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-24 01:59:59 UTC
From: ScottLawrence@adastra.tiac.net
Message-ID: <ScottLawrence-2310942159590001@adastra.tiac.net>
Source record: 266792
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.tal

In article <38du93$3r9@lucy.infi.net>, dynasor@infi.net (Dennis McClain-Furmanski) wrote:

> : Now, do you think the FBI will want to prosecute a suspect drug dealer or
> : murderer that would get a life sentence for the real crime, a relatively
> : minor crime of using encryption equipment? Ha... hell no....

Not at all - there are a great many laws on the books specifically designed to provide easier prosecutions of people they can't make a case stick to for more serious crimes. All they got Al Capone on was tax evasion...

4324. Re: ? for other Yupi owners.

Newsgroup: rec.radio.scanner
Date: 1994-10-24 02:02:11 UTC
From: cntrspy@ix.netcom.com
Message-ID: <38f4j3$fc3@ixnews1.ix.netcom.com>
Source record: 266794

= = = Fed channels you describe often use digital encryption which
could cause the problems you describe. I have not found that to be
the case with my 7100 however, but it is a reasonable possibility.

==========

In <38ekri$1aeh@tequesta.gate.net> habu@gate.net (Michael Fink) writes:

>
>I recently bought a Mvt7100 and am having problems with it scanning
>certain frequencies. It off and on seems to hang on certain freqs mostly
>in the 164-168 and 414-420 range. All the channels are fed mostly Atf\Customs
>and Dea it usually hangs on the same 5 or 6 frequencies. The problem is
>intermitent and can solved by using the attenuator key. Could this be
>a problem with the yupi or is it interference of some sort. I also am
>wondering if it could be internally generated noise or could it be weak
>signals. The signal bar usually displays about 3 to 4 bars when the channel
>hangs.
>
>
>Thanks Mike
>
>
>
>
> ---
>|Mike Fink |Support the Right to Bear Arms |
>|Ft.Lauderdale Fl. |Gun control only affects those citizens|
>|habu@gate.net |who obey laws. |
> ---
>
>
>
>
>
>

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--
==========
Chris Hall, Chief Operating Officer
Executive Protection Associates, Inc.
Worldwide Investigations, Privacy Protection Strategies, Second
Passport Agents, Off-shore Banking and Trust Agents.
e-mail: cntrspy@ix.netcom.com, PGP key available.

Opions Expressed are those of the Author and not of EPAI.
==========

4325. Re: Scanners in the UK

Newsgroup: rec.radio.scanner
Date: 1994-10-24 02:29:44 UTC
From: ax446@FreeNet.Carleton.CA
Message-ID: <Cy5o9K.BAq@freenet.carleton.ca>
Source record: 266795

In a previous article, dmoore1@aol.com (Dmoore1) says:

>I am planning on bring my Bearcat 200XL to London, is there
>anything I should know? Any laws I need to know about. Are
>scanners allowed on British Airways flights?
>

Hi There...

Don't know about using them on BA flights, but from my year over there, they are legal. The only restrictions that I could find (ok, not that I was trying very hard...) was a ban on listening to police and/or emergency services.

The cops around where I was ran a sting about once a year. Last year, they announced that a UFO had landed in so-and-so's field and that no one was to approach it until the RAF showed up. Nabbed 12 scanners/gawkers.

Cheers...

--
Dan Hilliker - Engineers rule the World -
ax446@freenet.carleton.ca Per Ardua Ad Astra

<my opinions only, not my employer's>

4326. Re: Nickel Metal Hydride AA Cells?

Newsgroup: rec.radio.scanner
Date: 1994-10-24 02:48:15 UTC
From: mjr@crl.com
Message-ID: <38f79f$5cb@crl6.crl.com>
Source record: 266797

In article <hk7Wpd2.segenreich@delphi.com> GEORGE SEGENREICH <segenreich@delphi.com> writes:
>Rick Christian <rccons!root@telerama.lm.com> writes:
>
>> jo> Anyone know where NiMH AA cells are available?
>
>
>>AA NiMH 1000mAH $4.55/ea.
>>AA NiMH 1200mAH $6.40/ea.
>
>Tell me about NiMH - are they the same size as regular AA's and can I charge
>them in my regular NiCad charger?
>George - segenreich@delphi.com

I've found them at various sporting goods stores and drug stores. If you go to a hardware store and ask they can often order them... The numbers above belie their real power...

Alkaline batteries are rated at 2.7 or so AH, but they only DELIVER this much current in slow-drain situations. Since scanners are fairly low drain, they are good for this application, but transmitting on HAM HT's or charging flash tubes are HIGH drain and the effective yeild of Alkalines are only about 0.9AH. Nickle Hydride batteries will deliver a real 2.7AH even in HIGH drain situations, so they are well worth their price for ham and other applications, but not all...

An added bonus making them (possibly) worth their price in other applications is their long shelf life. They retain some 85% of their original power even after 10 years, making them good for emergency packs.

--
matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70371,255 Internet: mjr@crl.com

4327. Pro 43...

Newsgroup: rec.radio.scanner
Date: 1994-10-24 03:12:00 UTC
From: henry.lund@freddy.supernet.ab.ca
Message-ID: <50.1969.696@freddy.supernet.ab.ca>
Source record: 266815

This might be a stupid request, but is it possible to get the radio station frequencies on the Pro-43. I have modified my PRO-43 for cells and the low band, but it would be nice to pick up radio freq, as well as CBs if possible. please reply.

4328. Re: Yupitera MVT-7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-24 03:21:40 UTC
From: sbradley@sgb.oau.org
Message-ID: <Cy5qo5.q6@sgb.oau.org>
Source record: 266812
Cross-posted to: rec.radio.scanner,nj.market.misc,ny.forsale

David McIntyre (mcintyre@is.morgan.com) wrote:
: Yupitera MVT-7100 multiband receiver (scanner) for sale.
: Used for only a few hours.
: Radio, manual, all accessories in original box.

: Due to FCC regs, no longer importable into the US (because it is
: a solid coverage radio which includes the cellular phone freqs).

PLEASE NAME ONE PERSON WHO WAS UNABLE TO IMPORT ONE OF THESE AFTER MAY OF THIS YEAR. JUST NAME ONE! If you did not already know, or realise, there is NO-ONE who is obeying the new laws, and there is no means to enforce them either. So, FCC regs or not, that is not stopping anyone. If you can name just ONE person, I would start to believe it. Javiation is still shipping them in as is Atlantic.

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

4329. Re: L.A. Freqs

Newsgroup: rec.radio.scanner
Date: 1994-10-24 03:26:26 UTC
From: draziw@netcom.com
Message-ID: <draziwCy5qw3.HAt@netcom.com>
Source record: 266802

Steven Fischer (Steve4@ix.netcom.com) wrote:
: Can someone please help? I remember reading a while back that a file
: (LA Scanman or something like it) that contained ALL of the Los Angeles
: freqs was archived somewhere on the net.

: If anyone knows the location, could they please be kind enough to post
: it or to e-mail the location to me.

The program name is The Scanman's Handbook. The current version is 11.
The filename is scanm11.zip, and it can be found on ftp.netcom.com in the
/pub/draziw directory. Enjoy.

Ryan draziw@netcom.com

4330. RE: scanners on board pla

Newsgroup: rec.radio.scanner
Date: 1994-10-24 03:44:23 UTC
From: Gary Jacek <gjacek@yvr.cyberstore.ca>
Message-ID: <BK.BW.782970263.1103527590.gjacek@yvr.cyberstore.ca>
Source record: 266801

> Then somebody needs to tell Delta as there Inflight magazine still says
> that you can use it, except during take-off and landing. Also all
> airlines are telling passengers to shut all electronic stuff during
> take-off and landings....so it sounds like any electronic gadget falls
> into cat. 2.
>
>
> John Stone
>

"In preparation for landing, the captain has turned on the
seatbelt sign. Would all passengers please bring their seat
backs to the upright position, stow any carry-on luggage in
the overhead bin or under the seat in front of you. And
any passengers with pacemakers or electronic wristwatches
are requested to turn them off. Thankyou for flying Delta."

Maybe that's why they always tell you what time it is once
you are on the ground. <g>

4331. Re: Radio Shack sour grapes?

Newsgroup: rec.radio.scanner
Date: 1994-10-24 04:21:50 UTC
From: rpowell@gulf.net
Message-ID: <38fcou$elr@marlin.gulf.net>
Source record: 266804

In article <386hn2$9rq@news.ycc.yale.edu>, kentfitz@minerva.cis.yale.edu (Kent Fitzgerald (GD 1994)) says:
>
>Berton Corson (g9153402@huey.csun.edu) wrote:
>
>: Paul buys his expensive $350 scanner, he uses it for three hours, and
>: then it turns back into a cheap, $50 CB radio. This is very simple,
>
>
>Is this a software mod or do you have to clip a diode?
>
>
>--
>Kent Fitzgerald kentfitz@minerva.cis.yale.edu DoD #1367
Is there a Eadio Shack newsgroup anywhere??????????

4332. Re: Radio Shack sour grapes?

Newsgroup: rec.radio.scanner
Date: 1994-10-24 08:23:04 UTC
From: henryvb@aol.com
Message-ID: <38fqt8$ihi@newsbf01.news.aol.com>
Source record: 266809

In article <386hn2$9rq@news.ycc.yale.edu>, kentfitz@minerva.cis.yale.edu (Kent Fitzgerald (GD 1994)) writes:

: etc etc etc

Somehow this reminds me of the person who bought a scanner from Radio Shack, took it home and brought it back the next day complaining that it would not transmit. The store clerk promptly wrote up a repair tag stating "does not transmit". The repair tech returns it to the store several days later after marking the tag "unable to duplicate problem, please supply microphone customer was attempting to use!" One week later the store returns the scanner to repair with the tag now marked "microphone not in box, please order proper mic from National Parts and bill store per manager." Makes you sort of wonder. Honest story, I know the tech.

4333. Re: M 400 Decoders

Newsgroup: rec.radio.scanner
Date: 1994-10-24 11:20:19 UTC
From: sbradley@sgb.oau.org
Message-ID: <Cy6Ctx.5v0@sgb.oau.org>
Source record: 266816

Joseph Jesson (joe@netcom.com) wrote:

: Paul, I also own the original M400 and spoke both to Fred
: Osterman at Universal and the software programmer of the M400
: in Florida (the name escapes me and I am too lazy to look at
: my notebook). BOTH mentioned an upgrade to 1200/2400 POCSAG
: may never happen....

When I spoke with the company which MAKES them for Universal, they indicated an inexpensive upgrade at the end of the year. The only problem they knew was a chip change (EPROM) and that the newer units had more onboard RAM -- which would not be a problem with the older units if you used an interface to a computer to read the data. This change was made due to higher speed.

Now, if Universal has decided not to do this, I will have to see if we can deal with the company that makes them - direct or perhaps I can pay someone to dupe the EPROM and solve the problem.

I guess this means there may be some of these for sale at the end of the year -- for the unsuspecting -- to enable their owners to upgrade to the newer ones.

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

4334. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-24 12:49:38 UTC
From: s2202629@np.ac.sg
Message-ID: <38gah2$mu9@nova.np.ac.sg>
Source record: 266725
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <jat741.76.002F511B@rs740.gsfc.nasa.gov>,
Truesdell, Jordan <jat741@rs740.gsfc.nasa.gov> wrote:

>Pray tell, what is it that you are doing that
>
> a) You need to encrypt your transmission and
>
> b) You don't want the government to find out what you're sending.

Because it's private, it's personal, and it's no one's business but my
own...

>Perhaps you should rethink your angle on this. If you had a blanket covering a
>bunch of "stuff" in the back seat of your car, wouldn't you expect the local
>authorities to become suspicious? What if you didn't allow them to look
>underneath, even with a warrant?

Ahh, but you miss the point here.
The authorities are most welcomed to lift up the blanket _IF_ they have a
warrent _AND_ they are capable of doing so...

Is it _my_ fault they lack the capabilities to lift my blanket?

Yeah, sure, they want the right to ban people owning heavy blankets, just
because they aren't able to lift it up...

Woe be the day, when the govt bans particular locks just because he can't
find a locksmith to pick it, and he can't find anyway to cut it..
(He'll probably want to ban the material used to make that lock too)

>Please don't get me wrong - I don't particularly like the idea of any
>"backdoor" on encryption. In fact, if the legislation comes up to outlaw
>private encryption, I'll be calling my rep on the hill to voice my opposition.
>All this just makes you sound very suspicious...
>
>
> Jordan Truesdell | NASA - Goddard Space Flight Center
>jat741@rs740.gsfc.nasa.gov | Mars and Freedom for just $0.25 a day
>
>

4335. Re: Nickel Metal Hydride AA Cells?

Newsgroup: rec.radio.scanner
Date: 1994-10-24 12:52:36 UTC
From: schuster@panix.com
Message-ID: <38gamk$nef@panix3.panix.com>
Source record: 266818

In article <38f79f$5cb@crl6.crl.com>, Matthew Rapaport <mjr@crl.com> wrote:
>In article <hk7Wpd2.segenreich@delphi.com> GEORGE SEGENREICH <segenreich@delphi.com>
writes:
>
>Alkaline batteries are rated at 2.7 or so AH, but they only DELIVER this much
>current in slow-drain situations. Since scanners are fairly low drain, they
>are good for this application, but transmitting on HAM HT's or charging
>flash tubes are HIGH drain and the effective yeild of Alkalines are only about
>0.9AH. Nickle Hydride batteries will deliver a real 2.7AH even in HIGH
>drain situations, so they are well worth their price for ham and other
>applications, but not all...
>
>An added bonus making them (possibly) worth their price in other applications
>is their long shelf life. They retain some 85% of their original power even
>after 10 years, making them good for emergency packs.

If the last paragraph refers to NiMH cells, it's wrong.
NiMH cells self-discharge at upwards of 3 times the rate of Nicads.
So they will be dead in a matter of weeks, and unuseable in a matter of
days.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4336. How about PHILLY scanner newsgroup

Newsgroup: rec.radio.scanner
Date: 1994-10-24 13:23:07 UTC
From: scan911@aol.com
Message-ID: <38gcfr$l0i@newsbf01.news.aol.com>
Source record: 266824

If you are in the Philly area and you'd be interested in reading a newsgroup for scanning JUST for the Philly area and surrounding areas in PA-NJ-DE, then .... come visit the phl.misc newsgroup for a thread we have started for scanning in Philly. Post your favorite Philly frequencies. Ask questions about things you are hearing on your scanner in the Philly area. If we show enough interest by posting under the scanning thread in phl.misc, we'll be able to create a phl.scanner newsgroup. We all know scanning is something more regional than other radio hobbies, and some of us don't want to scroll through all the messages in rec.radio.scanner just to find something of local interest. So...here is your chance! Come post in phl.misc and we'll convince the phl. newsgroup administrator that there's enough of us out there to create phl.scanner!!!

73,
Chuck Gysi, N2DUP
scan911@aol.com

4337. Re: BMAC

Newsgroup: rec.radio.scanner
Date: 1994-10-24 13:59:13 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.517.000DFD17@ccm.hf.intel.com>
Source record: 266740

In article <38aou2$174@aggedor.rmit.EDU.AU> t9456079@minyos.xx.rmit.EDU.AU (John Elliot) writes:

>Can anybody direct me to some information on BMAC decoding for video
>satellites ?.

You may want to check some of the rec.video.satellite.. newsgroups.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

4338. BC250s and BC210s

Newsgroup: rec.radio.scanner
Date: 1994-10-24 14:28:00 UTC
From: hirschj@vax2.concordia.ca
Message-ID: <24OCT199409284498@vax2.concordia.ca>
Source record: 266823

The Bearcat 210s are sold and in exchange the buyer is
providing the material I need for the BC250s. Thanks for
all the replies...too many to answer individually, and
good luck on your quest.
--Jack

4339. Re: Fire pull boxes

Newsgroup: rec.radio.scanner
Date: 1994-10-24 15:09:51 UTC
From: zenith89@bnr.ca
Message-ID: <zenith89-241094110952@47.80.2.73>
Source record: 266728

In article <23OCT199402294939@lmsmgr.lerc.nasa.gov>,
forfeak@lmsmgr.lerc.nasa.gov (Randy G. Feakins) wrote:

> As a Firefighter and driver of said appparatus WHERE IS YOUR @#%$#@ HEAD,
> its people like you that I would like to hang from your tally wacker and
> beat the @$#$#@$ out of you for suggesting that someone pull a box alarm
> just to see what the frequency is.

"The English language, complete with irony, satire, and sarcasm, has
survived for centuries wihout smileys. Only the new crop of modern
computer geeks finds it impossible to detect a joke that is not
Clearly Labelled as such." (Ray Shea on rec.music.misc)

And I used "smileys"...
--
Chris Van Fleet, Bell Northern Research.
Phone (613) 763-7541, fax (613) 763-7383.
Internet: zenith89@bnr.ca or ba794@freenet.carleton.ca

4340. DTMF for PC wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-24 15:41:59 UTC
From: chramowicz@fnalv.fnal.gov
Message-ID: <38gkk7$65n@fnnews.fnal.gov>
Source record: 266730

Could someone please repost or e-mail me the files that were posted here a couple of weeks ago for the DTMF that was designed to work with a Soundblaster card and a PC.

Thanks in advance.....John

4341. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-24 17:19:42 UTC
From: rdadams@ubmail.ubalt.edu
Message-ID: <1994Oct24.121942.1720@ubmail.ubalt.edu>
Source record: 266734
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

jat741@rs740.gsfc.nasa.gov (Truesdell, Jordan) writes:
>
> Richard (et al.)
> Pray tell, what is it that you are doing that
> a) You need to encrypt your transmission and
> b) You don't want the government to find out what you're sending.

It is known as my right to privacy which I had before Bill Clinton
became President.

> Perhaps you should rethink your angle on this. If you had a
> blanket covering a bunch of "stuff" in the back seat of your
> car, wouldn't you expect the local authorities to become
> suspicious? What if you didn't allow them to look underneath,
> even with a warrant?

I have a blanket covering some chairs in the hatch of my car. I
don't expect anyone to be suspicious. If a law enforcement officer
stopped and asked to see what was under the blanket, I would show
him. But, "what if" the blanket was covering a legal pornographic
film collection and I was concerned that the police officer might
treat me differently after seeing it, should I not have the right
to decline to uncover it in the absence of a search warrant. If
the officer gets a search warrant, the warrant will state for what
the officer is searching. And upon service, I am required by law
to allow the officer to remove the blanket.

Wiretapping is different because it is not a search for specific
contents, it is an authorized invasion of privacy for the purpose
of snooping for evidence. The courts have established that law
enforcement agencies can engage in such authorized invasions. But,
nowhere is it written that the subjects of such invasions are
required to cooperate. I fail to see the difference between using
a encryption methodology that is unbreakable by the FBI and using a
English language, verbally transmitted, code word methodology.

Now given that the FBI has an authorized wiretap and comes upon a
encryption methodology that they can not break, I see no reason
they should not be permitted to purchase the encryption methodology
or get a court order to have the vendor give them the methodology.
I believe there are precedents for both. The only problem they
really have is if the "wiretapee" has a home-grown methodology.
Now how likely is it that that would occur.

IMHO - this is the proverbial "tempest in a teapot" being stirred by a government official who was thinking outload about extreme measures.

Dick - These are my personal opinions - I am unaware of the opinions of the University in this matter. It is also my personal opinion that drug dealers and their financiers should be receive the death penalty.

4342. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-24 17:45:12 UTC
From: s3201351@techst02.technion.ac.il
Message-ID: <Pine.SUN.3.91.941024193859.415B-100000@techst02.technion.ac.il>
Source record: 266752
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

On 21 Oct 1994, Glen L. Roberts wrote:

> Richard Crisp (crisp@netcom.com) wrote:
> : We all knew it was coming, here it is:
>
> : -----
>
> :
> : Washington, DC -- If private encryption schemes interfere with
> : the FBI's ability to wiretap, they could be outlawed, according
> : to recent comments made by the agency's Director Louis Freeh.
> :
> : Freeh told attendees here at the recent conference on Global
> : Cryptography that if the Administration's Escrowed Encryption
> : System, otherwise known as the Clipper Chip, failed to gain
> : acceptance, giving way to private encryption technologies, he would
> : have no choice but to press Congress to pass legislation that
> : provided law enforcement access to *all* encrypted
> : communications.
>
> Wiretaps can be used only on selected crimes... name, the serious felonies,
> the ones with harsh punishment...
>
> Now, do you think the FBI will want to prosecute a suspect drug dealer or
> murderer that would get a life sentence for the real crime, a relatively
> minor crime of using encryption equipment? Ha... hell no....
>
> But, joe blow, hobbyists who just happens to encrypt something, and the
> FBI runs across it by "accident" is looking at a stiff sentence compared
> to his actual crime...
>
>
> --
> -------------------------------------
> Glen L. Roberts, Editor, Full Disclosure
> Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
> email fd@sashimi.wwa.com for catalog on privacy & surveillance.
> Does 10555-1-708-356-9646 give you an "ANI" readback?
> email for uuencoded .TIF of T-Shirt Honoring the FBI
> Remember, fd _IS FOR_ Full Disclosure!
>
>

I wonder, what is the penalty for "Unauthorized Cryptography"? Now you are a criminal. Let's assume that you are the criminal. Hipothetically, ok? I guess that if you encrypt your data, someone will be knocking at your door. But then, if someone knocks at your door, he will be saying, clear as a bell "Hey, look, I'm wiretapping you and you are encrypting your calls, stop it." Isn't that odd?

My guess is that if you "Illegaly" encrypt your conversations, no one will say anything, 'cause it'll be like addmiting they are taping you!

But then, "accidents" do happen...

Arik

4343. Battery Life of Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-10-24 17:49:08 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <783121228@f747.n115.z1.ftn>
Source record: 266392

-=> Quoting JimA119256 to All <=-

Ji> From: jima119256@aol.com (JimA119256)
Ji>
Ji> I am wondering what kind of battery life the Pro 43 has. I have a
Ji> BC2500 and it gets about 6hrs. Does the 43 get more?

Bob Parnass posted a message awhile back that he gets a little over 6 hours with his ni-cads, I think. However, RS does sell hi-cap ni-cads that could get you 8 hours or so.

I get about 5 hours on the pack with the 2500XLT. The 2500 is about to be discontinued and the Uniden Bearcat 3000XLT will be on the market in December. (maybe) It will use the same pack as the 2500. There is a company here that was working on an extended time pack for the 2500. Because of the little interest in the 2500, the project was abandoned. Maybe life will be breathed back into the project if the 3000 shows promise.

Jerry

4344. Re: Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-24 18:03:31 UTC
From: andym@hq.af.mil
Message-ID: <38gstj$n6u@hq.hq.af.mil>
Source record: 266735

In article <Js-ViZN.tmfreeman@delphi.com> Tim <tmfreeman@delphi.com> writes:
> I've got a (modded) pro-43 scanner and haven't ben scanning for that long and
> I'm going on a business trip on the 28th and want to know if I can take it on
> board and listen in ...
>
> Will the security guards hassle me when they see a box with an antenna in my
> bag?

I've traveled many times with my AOR scanner, and never had a hassle. Once a securit guard teased me about it, but nothing serious - it was a slow day for him!

On the plane, I've been told every time by the flight attendants not to use it during the taxi, takeoff, climb, or the descent, landing, and taxi phases. I.E., the cuise is acceptable, but boring.

I also couldn't receive much in the air - my antenna wasn't on the outside of the plane except the plane itself. I could _see_ the tower antennae, but I coulnd't pick up the towers responses to the pilot.

You should be able to ask for frequencies on the net for various airports you are going to. rec.radio.scanner has been a great help to me on trips. Be sure to ask more than a few days in advance! :-)

Moral: Use the scanner in the terminal during layovers. Much more fun.

>
> Thanks in advance,
>
> Tim F.

Happy listening!

--
Lt Andy McConnell Communications Engineer
andym@hq.af.mil Air Force Pentagon Communications Agency

---NeXTMail accepted and encouraged---
(Opinions expressed are solely those of the author and not the USAF)

4345. Re: Hams and Scanners in the Car

Newsgroup: rec.radio.scanner
Date: 1994-10-24 18:08:44 UTC
From: davidm@iglou.com
Message-ID: <iW$gkK7gX1sE073yn@iglou.com>
Source record: 266738

In article <KwwgkiubGwjP066yn@access.digex.net>,
domonkos@access.digex.net (Andy Domonkos) wrote:

> Everyone is probably best off with a low profile installation, including a
> thru glass cellular look-alike scanner antenna. I use such and have added
> the GRE Super Amplifier to compensate for the lack of performance of the
> shorter element (amp works great!). I now subscribe to the policy 'it's
> easier to beg/get forgiveness than to ask permission; BTW, here in my state
> scanners in auto's are legit but I like the cellular look-alike antenna
> for anti-theft reasons.

There is also the other side of keeping a low profile in your car. Its been
my experience that legal or not it is generally best if you avoid pulling up
next to a police car while your scanner is turned up full blast and all car
windows are down. They aren't as likely to know what you've got if you don't
advertise it!

The other easy thing to do is get a ham license. Anyone that is interested in
radio or electronics will be able to pass the written test for the Technician
license with ease after a few days of studying, and there is no code test for
the Technician class license. All states that ban scanners in cars exempt
holders of ham licenses, so that gets you past the state law problems, and
there aren't that many cities and counties with their own ordinances. It will
be the best money you've ever spent, and whats five dollars and some change
after you've just shelled out $300 for a good scanner!

David KD4RMW
davidm@iglou.com

4346. Re: RE: scanners on board planes

Newsgroup: rec.radio.scanner
Date: 1994-10-24 18:09:06 UTC
From: andym@hq.af.mil
Message-ID: <38gt82$n7s@hq.hq.af.mil>
Source record: 266736

In article <38bbsu$g1m@informer.cc.GaSoU.EDU> LPRICE@GSVMS2.CC.GASOU.EDU (LARRY PRICE) writes:
> Sorry, the advice that "use on baord planes is up to
> the discretion of the pilot" is outdated ...that was
> true a few years ago. For certificated airlines there
> is now a FAR that prohibits any radio receiver use on
> board. The obvious reason is possible radiation form
> on or more stages of the LO. There are now three classes
> of electronic devices on board (1) use anythime you
> want (2) use except when plane is landing or taking off
> (3) never use. Scanners fit in to category 3 above.

I beleive scanners fit into category 2. I've read many different airlines policies, and most place scanners into the second category. In fact, every time i've tried to use mine on board, a flight attendant has reminded me of the rules, and cited the phases in your category two as prohibited times.

Also, (please correct me if I am wrong), the FARs leave the decision up to each aircraft's operator or carrier.

> Best thing is to (a) listen in the airport and (b) consider
> flying on an airline that puts the air comms audio on one
> of the cabin headset channels.

I couldn't agree more!

--
Lt Andy McConnell Communications Engineer
andym@hq.af.mil Air Force Pentagon Communications Agency

---NeXTMail accepted and encouraged---
(Opinions expressed are solely those of the author and not the USAF)

4347. Re: Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-24 19:59:20 UTC
From: rshepard@interaccess.com
Message-ID: <38h3mo$nh@nntp.interaccess.com>
Source record: 266739

Paolo Bevilacqua (nemo@gnu.ai.mit.edu) wrote:
: In article <29e.772.21@pfzrfsg.com>, System Supervisor <sysop@pfzrfsg.com> wrote:
: >In article <38d16j$pk0@newsbf01.news.aol.com> Greg <gmm6797.aol.com> said:
: >
: >GG> Once seated I try to hide the scanner from the flight attendants to
: >GG> minimize the headaches later. Most carriers allow for radio
: ... stuff deleted ..
: >GG> ...That is my bright Idea. I would like to hear yours either...
: >
: >IMHO you are a dangerous jerk.

: ... "sysop"'s opinions of the same kind about Greg deleted.
: >
: >
: >--
: >Internet E-Mail: sysop@pfzrfsg.com (System Supervisor)
: >--

: I think Greg is in the right to know WHO is stigmatizing him so hardly.
: I mean, being a "system Supervisor" doesn't give you the right to
: criticize other people behavings anonymously, like you can do to your
: system users with "Do that and Don't do that" messages, that I guess are
: very frequent at pfzrfsg.COM.

: In a juvenile mood, Paolo.

: --
: nemo@gnu.ai.mit.edu "I can do FSK."
: -or- Not HAM, but SWL 5756
: p.bevilacqua@agora.stm.it "Always with net.tradition"
: -=-

Too Bad you missed the point!. What do you think would happen to the
hobby if a plane went down killing a few hundred people because it was
found that a scanner caused a malfuction of one of the aircraft systems?.

You do not need to have a transmitter to radiate a signal. More and more
aircraft systems are computerized, and if you have ever had your scanner
near a computer, you would know the interference is not just one way. I
have seen the local osc. of a scanner put out a -10dBm signal!. This is
more than enough to cause interference to the aircraft comm systems
and/or control systems!.

Finally, the flight attendants are considered part of the flight crew and
Do Have the authority to not only take your scanner from you, but arrange
to have you arrested by Federal Air Marshalls at the destination!

Is It Really Worth Being So Stupid???!

Think About The Other People On The Aircraft (if not yorself)

Think About The Image Of Our Hobby You Present By You Actions.

This Was Not Opinion, Its A Fact.

4348. Re: radio interference

Newsgroup: rec.radio.scanner
Date: 1994-10-24 20:35:04 UTC
From: medicmark@aol.com
Message-ID: <38h5po$t61@newsbf01.news.aol.com>
Source record: 266742

The channel that is "blocked out" is probably the data channel for the system. All the radios on a motorola trunked system are constantly talking back and fourth with the control computer over this channel. The system in use in our area rotates the data channel several times a day.

Hope that helps...

Mark

4349. Yupiteru 7100 Manual Needed

Newsgroup: rec.radio.scanner
Date: 1994-10-24 20:36:36 UTC
From: blangos@wtc34a.DaytonOH.NCR.COM
Message-ID: <1217@wtc34a.DaytonOH.NCR.COM>
Source record: 266598

I purchased a Yupi 7100 and need the manual. Someone said it was posted somewhere. Can anyone point me in the right direction.

Thanks
--
Bruce Langos

Bruce.Langos@wtc34a.DaytonOH.NCR.COM
...!uunet!ncrhub!dayhub!wtc34a!blangos

4350. Info. on Realistic PRO-2002?

Newsgroup: rec.radio.scanner
Date: 1994-10-24 20:48:16 UTC
From: 5leitgeb_c@spcvxb.spc.edu
Message-ID: <1994Oct24.164816.1@spcvxb.spc.edu>
Source record: 266754

Does anyone on the net have any information about the Realistic
PRO-2002 scanner. I would especially be interested in a mod to speed
up the scanning rate and/or tighten up the squelch a bit.
Also, I am in need of an owner's manual for this scanner and a
service manual/schematic. Any help along these lines would be
greatly appreciated. Please post replies or send email to
5leitgeb_c@spcvxa.spc.edu or 5leitgeb_c@spcvxb.spc.edu (either one
should work). Thanks in advance.....

4351. 855xlt

Newsgroup: rec.radio.scanner
Date: 1994-10-24 20:55:54 UTC
From: bgrattan@s850.mwc.edu
Message-ID: <38h70qINNsa7@s850.mwc.edu>
Source record: 266748

Are the cellular freqs. 100% restorable on this scanner? Is it a good buy for the money?

Thanks.

Bob - N4MRV
bgrattan@s850.mwc.edu

4352. Re: San Jose Area Man busted for Cell phone cloning

Newsgroup: rec.radio.scanner
Date: 1994-10-24 20:56:56 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.147.000EF359@chevron.com>
Source record: 266762
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <CxzwxE.L6C@rahul.net> lps@rahul.net (Kevin Martinez) writes:
>According to an article in the San Jose Cursory News, one of the charges
>brought against these men for writing software that could communicate
>with the phones and alter the ESN of the phone. Are these really crimes
>just to write the software? Is this more scare tactics from Rhinehart
>Gailen's SS? Perhaps all comm software should be outlawed... It is
>conceivable that a virtual Patrick Purdy could be using MS-Windows
>Terminal to clone OKI-900s or Nokias or.....

As you said this is ONE of the charges. If two people plan to commit an illegal act (even a misdemeanor) then one of them carries out an overt act to facilitate that crime (writing software) it constitutes conspiricy (a felony). Writing the software was probably an element of one or more of the charges against them. The Merc article was probably not clear enough for us to be sure.

IMO these guys deserve more than they would probably get from the California judicial system if convicted. Fortunately most of these cellular ripoff operations are covered by federal laws where convictions are probably more likely.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

4353. Re: radio interference

Newsgroup: rec.radio.scanner
Date: 1994-10-24 20:58:23 UTC
From: heathbar@cyber1.servtech.com
Message-ID: <38h75f$peb@uhost1.servtech.com>
Source record: 266743

Scannermaster (thejanitor@delphi.com) wrote:
: My area has a 800 mhz trunked radio system for public safety.
: Occasional I get cellular phone interference over my car's scanner.
: What causes this?
: Also, why do they have to block out a channel?
: Is this done to dissuade scanner listeners or what?

If you're referring to that annoying buzzing noise that switches daily between channels, that is known as a "handshake" channel that tells all the radios from each fleet which voice channel to switch to. This channel is changed daily to ease wear on the repeaters on the trunked system. This is a standard feature in all 800 MHz trunked systems. Here in Rochester, Kodak uses a trunked system for security, trucking, fire, and other services at its operations here -- almost like clockwork at 12 midnight -- the trunking control computer switches the channel and you get that familiar buzz on a channel that is not locked out -- you just unlock all the channels that buzz and lock out the channel that does.

About the cellular interference -- it might be a case of "intermod" -- the frequencies mix so it ends up mimicing a frequency on your scanner -- it happens mostly on the UHF frequencies -- not much you can do about that unless you can put a CTCSS tone board in your scanner.

Happy Listening!!!!!

This message sanitized for your protection,

Brian Heath heathbar@cyber1.servtech.com
Rochester NY "Fake it until you make it"

4354. Re: Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-24 20:59:07 UTC
From: c594911@showme.missouri.edu
Message-ID: <38h76r$3du@golf.ustores.missouri.edu>
Source record: 266744

Okay, so why can't you listen to your scanner while the plane is on the ground? Is there a greater chance of causing interference because so many other planes/towers are around?

Do HT's cause more/less interference than a scanner while receiving? (of course they do when transmitting...)

Tom
c594911@showme.missouri.edu

4355. Re: rs-232

Newsgroup: rec.radio.scanner
Date: 1994-10-24 21:02:32 UTC
From: heathbar@cyber1.servtech.com
Message-ID: <38h7d8$peb@uhost1.servtech.com>
Source record: 266745

jinx (alacy@csn.org) wrote:
: does anyone know where to get any of the base systems with a 232 intfc? I have
: been looking for a long time, but no luck. I live in Denver, and even the
: radio/scanner specialists can't help me! I have the control .exe's for most of
: them, but am lacking the scanner to use it with. By the way, if anyone needs
: any sort of mod, I have over a 1000. Thanks.

The only such scanner I know about is the Uniden MR8100 scanner -- it is an 800 MHz capable unit with an alphanumeric display, 100 channel model directed for public safety use -- but I've seen it used in some TV newsrooms -- where the assignment desk personnel aren't scannerheads -- it has a 9-pin RS-232 interface to program frequencies and alphanumeric descriptions of each frequency -- I think an outfit out of Dallas Texas called Page-Com Inc. sells them.

Good Luck!!!!!

This message sanitized for your protection,

Brian Heath heathbar@cyber1.servtech.com
Rochester NY "Fake it until you make it"

4356. Re: Discussion of Cordless monitoring laws

Newsgroup: rec.radio.scanner
Date: 1994-10-24 21:27:40 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.148.000F7689@chevron.com>
Source record: 266763

In article <3844so$63v@wizard.uark.edu> plaws@comp..uark.edu (Peter Laws) writes:
>So let me get this straight: The California Legislature is full of
>"commies" because they passed a law making it illegal for the government
>to monitor private citizen's cordless phone conversations without a
>warrant or even probable cause?
>Oh.
>You're right, the world will be a much better place when law enforcement
>can listen in on everybody's conversations without a warrant. None of
>those nasty technicalities to get in the way like that silly, old
>Constitution ...
>A refresher:

>Amendment IV.
>The right of the people to be secure in their persons, houses, papers,
>and effects, against unreasonable searches and seizures, shall not be
>violated, and no Warrants shall issue, but upon probable cause, supported
>by Oath or affirmation, and particularly describing the place to be
>searched, and the persons or things to be seized.

The constitution gives you no expectation of privacy when you hold a conversation in "public". RF is public, or at least used to be. Would you hold a private coversation regarding something illegal on a crowded sidewalk and just assume that everyone should mind their own business - even if a cop is standing next to you? Would you order a product by mail and put your credit card number on a return mail post card - knowing that every postal worker that had to read the address would also see the number? Of course you wouldn't - THAT WOULD BE PRETTY STUPID! So if someone is stupid enough to cheat on their taxes or sell drugs by radio, they're stupid enough to get caught. Your idea of a private, protected conversation is rather weak. If the constitution really applied here we would not need laws to fix the problem. The only problem is stupid people.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

4357. Re: radio interference

Newsgroup: rec.radio.scanner
Date: 1994-10-24 21:31:58 UTC
From: horak@convex.com
Message-ID: <38h94e$8if@eugene.convex.com>
Source record: 266753

In <38h75f$peb@uhost1.servtech.com> heathbar@cyber1.servtech.com (brian heath) writes:

>About the cellular interference -- it might be a case of "intermod" --
>the frequencies mix so it ends up mimicing a frequency on your scanner --
>it happens mostly on the UHF frequencies -- not much you can do about
>that unless you can put a CTCSS tone board in your scanner.

Correct me if I'm wrong but I think a CTCSS tone board would eliminate
the stuff he DOES want to listen to also. Trunked public service stuff
doesn't use CTCSS as far as I know. Besides, most folks who have to
ask what intermod is probably aren't ready to install a tone board in
their scanner :-) A better solution would be to use an attenuator
which will help intermod *some* or just go out and buy a triple
conversion scanner.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

4358. Re: Radio Shack sour grap

Newsgroup: rec.radio.scanner
Date: 1994-10-24 22:05:25 UTC
From: tbrutus@sunyboard.org
Message-ID: <8597NRPRHLTFUJHJWJ@sunyboard.org>
Source record: 266774

These are the same geniuses that have the brilliant advertising slogan,
YOU'VE GOT QUESTIONS, WE'VE GOT THE ANSWERS! Riiiiiiight! I wonder if I
can still sell my beachfront condo in Arizona to anyone who believes that.
If they don't find it in their book, they don't know any answer.

tbrutus@sunyboard.org

... "What?!? This isn't the Files section?!?"
___ Blue Wave/QWK v2.12

4359. Re: Cordless phone and false ringing?

Newsgroup: rec.radio.scanner
Date: 1994-10-24 22:46:34 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.149.0010C72A@chevron.com>
Source record: 266764

In article <94295.211528DCS4@psuvm.psu.edu> DCS4@psuvm.psu.edu (Dave Shaffer) writes:
>That may sound like an odd subject line for this group, but
>I hope it makes sense in a moment.

>In the past ten days, I've begun to receive odd calls at
>my home phone number. The phones will ring, but when I
>pick up a receiver, there is no one there, the line goes
>dead, there is a clicking noise and then a dial tone.
[snip]
>More specifically, could it be that one of my neighbors has
>installed a cordless phone that operates on the same
>frequency as mine...and incoming calls at that residence are
>triggering the ringing at my house?
[snip]
>I have more than one phone in the house, but only one cordless.
>These odd calls have begun only recently. I've observed maybe
>one a day at various times when someone is home. I did try
>using a *57 to trace of *69 to call back but in each case
>got a message that said the call originated outside the local
>phone service area.
[snip]
>Other possibilities? Am I on the right track suspecting the
>cordless phone as the culprit in this scenario? - Dave

I had the same problem several years ago with an AT&T cordless, a 3000 series if I remember correctly. The "calls" usually came in late at night (after 11 PM). I called the phone company to see what they thought. "Do you have a cordless phone?" "Why yes!" They said that they receive many complaints (back then) about what they termed "Phanton Ringing" and found it was related to cordless phones doing something. But the service rep could not tell me what caused it.

I ruled out the neighbor theory because the "phantom" rang every phone in the house. Which meant that ring generator signal was on the twisted pair.

I assume now, but never bothered to ask, that the newer switching equipment that checks your line in the middle of the night (the telco brags about doing this) causes the cordless to "act up" sending some type of hook flash, reverse polarity, pepperoni pizza signal back the central office causing ringer to be sent back to the house. Pick up the phone, the ringer is disconnected (as usual), the call is cut through the twilight zone. We did not have a Network Interface Unit (NIU) at the demarc to the house, just a protector. The NIU is what the telco uses when they check things on your line from the CO. If they run tests, perhaps automatically, and you don't have an NIU, the test signals might get to your phone and the resulting phantom.

This was just a theory I had and have never bothered asking anybody at the telco to see if it held any water. In fact I haven't thought about much it in the last few years - but then you brought it up. Where I live now, I have an AT&T 5500 cordless phone, an NIU ant my demarc and I have no trouble with phantom ringing.

I should add that if memory serves me correctly, the problem stopped soon after my inquiry. Perhaps they knew what was causing it and quietly fixed it.

P.S. Feel free to listen in on my cordless phone conversations - it would serve me right.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

4360. Pro 2026 and UHF pagers

Newsgroup: rec.radio.scanner
Date: 1994-10-24 23:02:04 UTC
From: jeffpmil@aol.com
Message-ID: <38hedc$3jt@newsbf01.news.aol.com>
Source record: 266755

Anyone have a de-tuning stub fix or something similar to get the grind and groans off my UHF frequencies?

Thanks -

Public/private okay

Be seeing you,
No. 6

4361. Cross-posting and Follow-ups (was Re: Public Apology)

Newsgroup: rec.radio.scanner
Date: 1994-10-24 23:30:24 UTC
From: dputnick@alumni.caltech.edu
Message-ID: <38hg2g$jkv@gap.cco.caltech.edu>
Source record: 266756
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <Cy6yLo.8rs@news.hawaii.edu>,
Jeffrey Herman <jeffrey@kahuna.tmc.edu> wrote:
>Richard et al: Please stop cross posting to .shortwave and .scanner!
>These endless followups coming from both groups are wasting some
>folks money who have to pay by the article!!
[bandwidth scissors scar]
>No, I am not trying to play net-cop; I'm just pointing out that
>you're wasting people's money and you don't have the right to do that.

Jeff, sometimes an article *does* apply to several newsgroups. It's the
"endless followups coming from both groups" that wastes people's money.
If a person chooses to cross-post an article, the "Followup-To" header should
be used to designate one newsgroup. If people don't abide by the headers,
don't blame the original author.

By the way, this article has a "Followup-To" header.

--
Don Putnick
dputnick@alumni.caltech.edu

4362. Re: Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-24 23:32:07 UTC
From: rshepard@interaccess.com
Message-ID: <38hg5n$39i@nntp.interaccess.com>
Source record: 266765

Grim (c594911@showme.missouri.edu) wrote:
: Okay, so why can't you listen to your scanner while the plane is on the
: ground? Is there a greater chance of causing interference because so
: many other planes/towers are around?

: Do HT's cause more/less interference than a scanner while receiving?
: (of course they do when transmitting...)

: Tom
: c594911@showme.missouri.edu

Not to say there is nothing wrong while on the ground, but you must understand that the electronics installed into aircraft (especially commercial jets) are done so in a manner that in most if not all cases will not interfer with each other. Further, you are probably correct in regards to ground operations, but for the record, most aircraft radios (2-way voice) do not have more that about 10W PEP. Even at close range on the ground I doubt that this level could get through the aircraft skin, the radio's metal cover, etc.. to the point of causing much in tha way of problems. Your scanners LO however, is placed nicely inside this big metal waveguide of a fusalage. This could be a real headache to a pilot preflighting his aircraft. Keep in mind, that not all pilots are "radio educated", and may not realize his malfunctioning autopilot is not broken, but being interfered with by your scanner. What does he do?? If he does not know, he will call for maint., and this could cause a delay, or cancellation of a flight.

I am trying not to sound soapboxy, but just use common sense. I as I'm sure a lot of people in this newsgroup am not just a scanner user, but also a amateur radio operator. I also hold a general radio telephone operator (formerly FCC 1st Class). I am also fortunate to be able to work in 2-way radio. The radio hobbiest has lately been the target of many peoples anger. From the good old days of having only to worry about bothering your neighbor's TV, to present day electronic home invader.

Next time ask the flight attendant to get the captains permission to use your equipment, don't hide it and use it covertly. If your caught, all you do is make yourself and the rest of us look like inconsiderate idiots.

Again,
Use Common Sense.

4363. Re: Cordless phone and false ringing?

Newsgroup: rec.radio.scanner
Date: 1994-10-25 00:43:48 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <Cy7E10.7D@freenet.carleton.ca>
Source record: 266769

In a previous article, DCS4@psuvm.psu.edu (Dave Shaffer) says:

>
>In the past ten days, I've begun to receive odd calls at
>my home phone number. The phones will ring, but when I
>pick up a receiver, there is no one there, the line goes
>dead, there is a clicking noise and then a dial tone.
>

If ALL your phones are ringing, not just the cordless, you can pretty much rule out the possibility that it it the cordless that is causing the problem. It is probably a problem with your phone company's switching equipment or something (the *69 results strengthen that idea).

Your best bet would be to call your phone company and explain the problem to them. If they don't know about it they can't fix it. :->

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

4364. Re: WTB: Plectron Monitor or Minitor II Pager

Newsgroup: rec.radio.scanner
Date: 1994-10-25 01:41:05 UTC
From: scan911@aol.com
Message-ID: <38hnnh$6k1@newsbf01.news.aol.com>
Source record: 266770

In article <Cy6py9.IFt@ipars.sds.com>, scotto@ipars.sds.com (Scott O'Connell) writes:

>>If you find a receiver only you can easily add two-tone >>decoding with a
>>Comm-Spec decoder. I added one to a RS Pro-2005 scanner >>a couple of years ago.

Scott,
Thanks! I really don't need to decode the tones. I just want to have single-channel receivers on a few local channels so I don't miss a thing. Those Plectrons have hot receivers in my estimation.

Chuck
SCAN911@aol.com

4365. Re: A scanner newsgroup for P

Newsgroup: rec.radio.scanner
Date: 1994-10-25 01:45:02 UTC
From: scan911@aol.com
Message-ID: <38hnuu$6mc@newsbf01.news.aol.com>
Source record: 266771

In article <89C6314.02F5001CA3.uuout@compudata.com>,
dave.milsted@compudata.com (DAVE MILSTED) writes:

*> If you are in the Philly area and you'd be interested in seeing a
*> newsgroup for scanning just in the Philly area created, I'm pushing
*> for such.

>>I am interested in this. What do you need me to do.

Dave,
Please post something in the scanning thread created in the phl.misc
newsgroup. Anything at all works! Fave freqs or comments about a
phl.scanner newsgroup! There is a LOT of interest in creating this
newsgroup....now we must prove it to the phl.newsgroup administrator.

Chuck Gysi, N2DUP
SCAN911@aol.com

4366. Re: Help with Pro46 mod - soldering surfacemount diode

Newsgroup: rec.radio.scanner
Date: 1994-10-25 02:23:47 UTC
From: "Gregory yea... you can call me Greg" <gregmason@delphi.com>
Message-ID: <JKyX6xj.gregmason@delphi.com>
Source record: 266768

Hi its me.. the guy who didnt know what he was doing with his PRO46, again.

Sadder yet wiser. It seems that i soldered my 000 jumper onto the back
of annother diode... oops! (hate it when that happens) Well it _looked_
like a solder pad to me. A friend who had done the mod before looked at my
work and complimented me... he said that if id put the diode in the right
place, it'd have been a perfect job... wise guy. :grin:

So... he took the diode off where I soldered it, and put it where it belonged.
The solder pad wasnt a pad at all...it was two little dots of solder on the
pc board... What next!?

We reassembled the scanner, and Viola! Uninterrupted 800mhz coverage with
30Mhz steps... Thanks Ted!

That is the wiser part... now for the sadder part.

After using the scanner for fifteen minutes the thing just stopped.
Cut out.. the lcd display blanked! I thought that the scanner was dead, after
I thumped my chest to restart my heart, I turned the power off, and on again.
Guess what? It blinked back to life as if nothing had happened. It's been
doing this on and off now while in the search mode... sometimes it seems to ha
happen after i hit the arrow key, but other times it seems completely unprovoked
Anyone care to hazzard a guess as to what my ignorance has caused in the
scanner? You guys gotta help me.... Its my wifes radio!

---Thanks Greg

4367. Military aircraft freqs.

Newsgroup: rec.radio.scanner
Date: 1994-10-25 10:51:38 UTC
From: jstone@iglou.iglou.com
Message-ID: <1994Oct25.105138.17873@iglou.com>
Source record: 266576

To: ALL
Subject: Military aircraft freqs.

Hi,

For the Military Aircraft Monitors, I've found a great source of freqs.
and it is published by the DOD. You can buy (some..)Defense Mapping
Agency(DMA) Publications and Maps...Just write or call:

NOAA Distribution Branch, N/CG33
National Ocean Service
Riverdale, Maryland 20737-1199

or call: 301-436-6990 or fax 301-436-6829

and if you live or will be in the DC area you can go to:

National Ocean Service/NOAA
Chart Sales Office
6501 Lafayette Avenue
Riverdale, Maryland 20737-1199
301-436-6980

and for those of you in or near Canada:

Canada Map Office
Energy, Mines and Resources of Canada
615 Booth Street
Ottawa, Ontario, K1A OE9
Canada

613-957-8861

I've ordered many DMA maps and some publications and they list many
military frequencies for monitoring.

Later,

John Stone

 QMPro 1.52 Blackbirds.....at the speed of heat

--

4368. Re: Yupitera MVT-7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-25 11:19:59 UTC
From: sbradley@sgb.oau.org
Message-ID: <Cy87HH.K8z@sgb.oau.org>
Source record: 266686
Cross-posted to: rec.radio.scanner,nj.market.misc,ny.forsale

Michael Schuster (schuster@panix.com) wrote:

: You're probably correct in your assertion.

: But jumping on the back of a guy who's just trying to sell a used scanner
: is a bit much.

: Geez, it's not as though he were attempting to price-gouge, using
: exclusivity as a reason.

: Get up on the wrong side of the bed today? :-)

It was a case of having recently had the "pleasure" of reading some sh*t about how we can not listen to cellular and cordless because it's against the law. That was THE WORST reason I had ever read. I do it all the time, as does about everyone I know. There is NO reason to obey the crummy piece of paper some idiot in DC signed. It simply infuriated me. It's not like they encoded some digital key (by signing that crummy paper) that prevents scanners from listening in. The scanners still scan those regions, can still be bought, and I know of not ONE person who quit "because it is against the law".

I know - no "law" will stop me.

Anyhow, this advertisement comes in suggesting because of FCC rules its a take it while you can deal. Big deal! So what! Atlantic (address and phone number in any recent issue of Monitoring Times with money back guarantee in print if it does not arrive!) and Javiation are still shipping them (Javiation's address, e-mail, snail, phone numbers are elsewhere here too), so who gives a hoot for the fcc regs, as in the other so-called law, no-one obeys them either, they are a bunch of overpaid, underworked, sleazy lowlifes who think the law means everything and gives definition to private.

So, when someone suggests they are selling something you can not buy new, I simply do not buy that! I don't need these "get it while you can" ads, I see enough of them in the US domestic advertising in the mags (US dealers who can no longer compete with the international dealers because the FCC and crummy government decided to handicap them!)

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

4369. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-10-25 12:21:51 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <783087711snz@javiaton.demon.co.uk>
Source record: 266630

In article <crispCy2nx3.281@netcom.com> crisp@netcom.com "Richard Crisp" writes:

Richard,

Must be some Road Works on the Supadupa Highway thingamajig....
your article is dated 22/10...ooops 10/22 :-) yet its only just
showed up on my newsserver this lunchtime......the 25th !

> Thanks Jonathan! I appreciate it very much. By the way there is a
> really great Japanese Hacker Magazine available over there. It
> has diverse topics ranging from how to break copy protection on
> various software packages to mods to restore full coverage on
> virtually all radios to even phone sex ads. Those Japanese folks
> really know how to pack it all into one small book, that's for sure
>
> The magazine is called "Action Band". And as you may have guessed
> it is written in Japanese :-(

Yeh...I don't see Acton Band every month but I sure would if I
could understand the writing...When I see all those pictures and
little arrows pointing at components I do wonder what they are on
about.

I get CQ monthly aswell, again its all in Japanese but its good
for keeping upto date with whats coming out.

--

Cheers,
/--\
Jonathan Clough,	"How important is an airplane's appearance" ?
Javiation, Bradford, UK	"Its important to me. My wife tells me that if
Compu$$erve: 100117,535	it doesn't look good, it won't fly good.
Internet:	That's good enough for me" - Kelly Johnson
Clough@javiaton.demon.co.uk	Designer of the Lockheed SR-71
\--/

4370. Re: PRO-62 vs. PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-10-25 12:38:41 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cy8B4H.9r0@nntpa.cb.att.com>
Source record: 266579

In article <38cqgr$4ut@galaxy.galstar.com>,
Craig Beatty <cbeatty@galaxy.galstar.com> wrote:

>I just bought a PRO-62 and I was wondering if it is better than the
>PRO-43.....

I have a PRO-43 but no experience with the PRO-62. A buddy
has both a PRO-43 and PRO-62 and says they are very similar
in sensitivity, but he hears less intermod on the PRO-62 and
finds its display easier to read.

Recall that the PRO-43 includes military air frequencies
and the PRO-62 does not. Also, the upper freq limit of
the PRO-43 is 999.9875 MHz but PRO-62 won't tune quite that high.

--
==========
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

4371. Re: Scanning the cellular

Newsgroup: rec.radio.scanner
Date: 1994-10-25 13:11:59 UTC
From: schuster@panix.com
Message-ID: <38j06v$o8m@panix3.panix.com>
Source record: 266580

In article <1994Oct22.194029.2738@msus1.msus.edu>,
Jerad Hoff <hoffj@mhd1.moorhead.msus.edu> wrote:
>
>I was up in Canada the other day, (my cabin is one mile south of the
>USA/Canda border) and I just bought an AR1500. I was comparing the 1500 to
>my Pro 43 in
>differnet ranges, and I tried out the 868-896 rage. The 1500 manual says
>to use 12.5khz steps while the 43 uses 30khz. Which is right? I was
>getting hits using both steps. I was getting hits on the 1500 where the 43
>couldn't go, and visa versa.
>
>Anyone have a comment on this?

In North America, cellular channels are allocated at 30 KHz increments.
However, the instruction manual for a scanner designed to be sold in
another part of the world (hint, hint) may read differently.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4372. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-25 13:18:09 UTC
From: josephl@clark.net
Message-ID: <38j0ih$age@clarknet.clark.net>
Source record: 266581

Paulo Teixeira (paulot@cais.com) wrote:
: Just thought some folks would like to know that Mr Roberts interesting and
: possibly damaging to this hobby conversation with a White House employee
: was published in Washington's free weekly City Paper.
: For those who dont know,he's the guy that called the White House trying to
: get hold of someone he had heard talking on the Air Force One telephone
: patch.Its interesting to note that when confronted with the question that
: if he indeed heard the conversation,he smartedly avoided it,by answering
: that anyone with a $99 police scanner could.

He is doing it for the money.
--

Joseph A. Liu

---
josephl@explorer.clark.net

4373. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-25 13:29:17 UTC
From: domonkos@access.digex.net
Message-ID: <7yFhkiubGgu8066yn@access.digex.net>
Source record: 266582
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <Pine.SUN.3.91.941024193859.415B-100000@techst02.technion.ac.il>, Arik Baratz wrote:

> I wonder, what is the penalty for "Unauthorized Cryptography"? Now you
> are a criminal. Let's assume that you are the criminal. Hipothetically,
> ok? I guess that if you encrypt your data, someone will be knocking at
> your door. But then, if someone knocks at your door, he will be saying,
> clear as a bell "Hey, look, I'm wiretapping you and you are encrypting
> your calls, stop it." Isn't that odd?
>
> My guess is that if you "Illegaly" encrypt your conversations, no one
> will say anything, 'cause it'll be like addmiting they are taping you!
>
> But then, "accidents" do happen...
>
> Arik
>

Chances are very good that if you start to encrypt all your transactions this will attract attention to yourself and the government will make you one of the 5,000,000 + Americans that were wire tapped in 1993 (these are Dept. of Justice figures).

Andy

4374. Re: Pro 43...

Newsgroup: rec.radio.scanner
Date: 1994-10-25 13:48:29 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-251094064557@earl.llnl.gov>
Source record: 266583

In article <Cy7I4H.86L@world.std.com>, gdallal@world.std.com (Jerry Dallal) wrote:
>
>
> Henry Lund (henry.lund@freddy.supernet.ab.ca) wrote:
> : This might be a stupid request, but is it possible to get the radio
> : station frequencies on the Pro-43. I have modified my PRO-43 for cells
> : and the low band, but it would be nice to pick up radio freq, as well as
> : CBs if possible. please reply.
>
> Not really. Commercial broadcast FM (which is what I assume you're
> referring to) is wideband FM. The 43 receives only narrow band. The
> 2006, OTOH, will.

Radio Shacks new triple conversion GRE built PRO-60 handheld (not yet available) will receive WFM as well as military air, but, of course, no cell.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

4375. Re: Lexington KY Freq's

Newsgroup: rec.radio.scanner
Date: 1994-10-25 13:58:13 UTC
From: johnr@ms.uky.edu
Message-ID: <38j2tl$e5i@s.ms.uky.edu>
Source record: 266584

There is a mailing list called KYSCAN for KY people to trade freqs on. To subscribe send mail to listserv@ukcc.uky.edu and in the contents of the mail put "sub KYSCAN Joe Blow" where Joe Blow is your name.

John

4376. Re: RE: scanners on board planes

Newsgroup: rec.radio.scanner
Date: 1994-10-25 14:19:37 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.154.000853F3@chevron.com>
Source record: 266602

In article <29e.771.21@pfzrfsg.com> sysop@pfzrfsg.com (System Supervisor) writes:
>In article <38bbsu$g1m@informer.cc.gasou.edu>
>LPRICE <lprice@gsvms2.cc.gasou.edu> said:

>LP> Sorry, the advice that "use on baord planes is up to the discretion of the
>LP> pilot" is outdated ...that was true a few years ago. For certificated
>LP> airlines there is now a FAR that prohibits any radio receiver use on
>LP> board.

>Would you please post the reference to the specific FAR?

[nutshell]
Part 91.21 regarding electronic devices. Specifically exempts hearing aid,
pacemakers. Makes no mention of when you can use them (takeoff, cruise,
landing). Prohibits the use of any device that could cause interference -
interpreted that the operator (airline / pilot in command) is responsible for
making sure that no device is used that could interfere with aircraft systems.

I don't have my FAR/AIM at work but I could transcribe the paragraphs latter
for your enjoyment.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

4377. Phone Chip Installed in phones since Jan '93

Newsgroup: rec.radio.scanner
Date: 1994-10-25 14:59:27 UTC
From: tbohr1@ed8751.pto.ford.com
Message-ID: <38j6gf$n63@eccdb1.pms.ford.com>
Source record: 266587

To all our electronic and privacy advocates out there:

Has anyone heard a anything about the govt supposedly requiring ALL new
phones sold since Jan 1 1993 to have some kind of CHIP installed
so they can wiretap more easily? A friend of mine relayed this story
to me, maybe he heard some variation of the Clipper chip story.

Thanks

Tim

4378. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-25 15:10:25 UTC
From: j_norfleet@cornell.edu
Message-ID: <j_norfleet-2510941010260001@132.236.178.15>
Source record: 266585
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Well, if the government wants to keep regulating communications like this
we'll have to borrow a phrase (or two) from the NRA:

"When the government outlaws encryption, only
outlaws will have encryption."

The point being that if the government bans all encryption, and all of
us law abiding citizens do what we're told, the snoops will be able to
read all about cake recipies and dog toys and the like. But they won't
read a thing about illegal activites since the criminals will be
breaking the law (imagine that!!) by encrypting their communication. And
since that is the snoops evidence... they won't have any evidence so the
case doesn't get prosecuted and the encryption violation won't get
prosecuted either because they don't want to tip their hand that the
rest of the investigation is still continuing. It seems to me that all
this legislation will accomplish is to piss off most of the public, and
most of the law enforcement but will make the congressrats very happy.

"They can have my encryption key when they pry
it from my cold dead fingers."

later...

justin norfleet
...who doesn't do encryption by would certainly like the option
--
Justin P. Norfleet
Cornell University
jpn1@cornell.edu

4379. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-25 15:11:26 UTC
From: tharrell@nmsu.edu
Message-ID: <38j76u$prc@dns1.NMSU.Edu>
Source record: 266589
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

```
Justin Norfleet (j_norfleet@cornell.edu) wrote:
: Well, if the government wants to keep regulating communications like this
: we'll have to borrow a phrase (or two) from the NRA:

: "When the government outlaws encryption, only
: outlaws will have encryption."
:
I always liked this version:
When the government outlaws encryption, onl%fg&^&*G#b[Hw^23j}Udkjc*7d...

It is a nasty trend, though.
--
*-----------------------------------------------------------------*
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |
*-----------------------------------------------------------------*
```

4380. Re: Radio Shack sour grap

Newsgroup: rec.radio.scanner
Date: 1994-10-25 15:21:27 UTC
From: tharrell@nmsu.edu
Message-ID: <38j7pn$prc@dns1.NMSU.Edu>
Source record: 266592

tbrutus@sunyboard.org wrote:

: These are the same geniuses that have the brilliant advertising slogan,
: YOU'VE GOT QUESTIONS, WE'VE GOT ANSWERS! Riiiiiiight!

Ahhh...but they're not saying that they have the _right_ answers!
--

| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |

4381. Re: Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-25 15:25:41 UTC
From: j_norfleet@cornell.edu
Message-ID: <j_norfleet-2510941025410001@132.236.178.15>
Source record: 266586

This doesn't have anything to do with whether or not you can use your scanner on board an aircraft. That's up to the carrier and ULTIMATELY up to the pilot. So ask.

This does have to do with where to find frequencies to listen to. Most airports (from large metro areas) to the dinky little county airport have some sort of general aviation hangars. At larger airports this will be in the form of a Flight Service Station. Smaller airports with only general aviation (ie small private planes) may just have an office or a a flight school. Either way, you can go in and purchase (or maybe just look at) sectional and navigational charts. These 'maps' are covered with approach, departure, traffic, weather, communication, etc. frequencies. For every airport or Traffic contorl area. I think it would be a great source of frequencies... I'm surprised nobody else has mentioned it (or put it in the FAQ).

hope someone finds this useful.

later...
justin
--
Justin P. Norfleet
Cornell University
jpn1@cornell.edu

4382. Need some NYC area PL Tones

Newsgroup: rec.radio.scanner
Date: 1994-10-25 15:25:42 UTC
From: ligosa@pipeline.com
Message-ID: <38j81m$mrl@pipe1.pipeline.com>
Source record: 266591

Hello,

I am in need of the following NYC area PL tones

- NYC REACT CW , Freq. - 464.3750 R
- CITIWIDE RADIO SERVICE, Freq - 461.6500 R
- STARRETT CITY PROTECTIVE SERVICES, Bklyn, NY , Freq- 472.2375
R

Can anyone help ?

Thanks...Chris........
Email ligosa@pipeline.com

4383. Changes in GTW radio equipment

Newsgroup: rec.radio.scanner
Date: 1994-10-25 15:26:05 UTC
From: P.J.Hinton@nd.edu
Message-ID: <38j82d$3tm@news.nd.edu>
Source record: 266590
Cross-posted to: rec.railroad,rec.radio.scanner

Over the past week and a half, I've noticed that there have been changes in the radio operations of the Grand Trunk Western around here. It's really minute, but it's enough to pique my curiosity. Previously, when a train would want to talk to the GTW dispatcher, you would hear paging tones. Usually a high tone, followed by a lower tone (was this the repeater answering the first tone?). After a few seconds, the dispatcher would talk. The beginning and ending of the dispatcher's message were punctuated with DTMFesque tones. Instead, the paging tone is two, short, monotone beeps. The "answer" is one longer beep of the same tone. The dispatcher's messages no longer exhibit the tones. Now I hear only a short clicking sound, much like that of the Conrail Chicago East dispatcher's messages. Can a railroad radio expert clue me in on what all of this means?

Regards,

P.J. Hinton
Graduate Student -- University of Notre Dame Chemical Engineering Department

INTERNET: P.J.Hinton@nd.edu

4384. Military aircraft scanning?

Newsgroup: rec.radio.scanner
Date: 1994-10-25 15:36:20 UTC
From: glitwin@craysea.cray.com
Message-ID: <9410251536.AA00667@craysea.cray.com>
Source record: 266593

Hello -

I live in Seattle, Washington, and would like to monitor the military
activity associated with this area.

I have scanned 225-400 Mhz, and not heard anything yet.

Has anyone heard military aircraft in my area?

Can anyone give me some pointers to appropriate frequencies to scan?

A book title or other source for information would be appreciated as well!

Thanks!

Gary Litwin
glitwin@craysea.cray.com

4385. TORONTO AVIAIOTN FREQ

Newsgroup: rec.radio.scanner
Date: 1994-10-25 15:38:00 UTC
From: joe.newman@onlinesys.com
Message-ID: <c9.177.4179@onlinesys.com>
Source record: 266553

Anybody have all the aviaiotn frequencies for the Toronto area? If so,
please E-mail it to Joe.newman@onlinesys.com

 1st 1.11 Who is the Vice President of The Hair Club for Men???

4386. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-25 15:44:46 UTC
From: n8642420@henson.cc.wwu.edu
Message-ID: <1994Oct25.154446.5783@henson.cc.wwu.edu>
Source record: 266594
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

jat741@rs740.gsfc.nasa.gov (Truesdell, Jordan) writes:

>I won't even try to quote all of the flames :-) but they're keeping my office
>toasty.

>Just wanted to let y'all know I'm actually reading them. And if for some
>reason the autorities suspected me of a crime (let's pick a popular one, like
>drug trafficing), and then found out I was sending encrypted transmissions...

>I'd rather the jury hear from the prosecution that I was exchanging cake
>recipies and bitching about congressional control of everything rather then
>"an unbreakable encrypted transmission to an unknown recipient." It's not real
>evidence, but to a layperson - it sounds suspicious.

>Jordan

> Jordan Truesdell | NASA - Goddard Space Flight Center
>jat741@rs740.gsfc.nasa.gov | Mars and Freedom for just $0.25 a day

>

The day we give up civil rights in order to feel safe from improper and
unconstitutional prosecution is the day we're all screwed. That day was
the day the Wiretap bill passed. If we're not totally, permanently
screwed then the supreme court will fix this. Hopefully.

Did you see the blurb on CNN about the michigan militia? I think those
are going to become more common.. the people will restore our government
if the government doesn't reform itself, I think.

4387. Wine Country Freqs

Newsgroup: rec.radio.scanner
Date: 1994-10-25 16:53:01 UTC
From: rirober@eis.calstate.edu
Message-ID: <38jd5d$g2d@eis.calstate.edu>
Source record: 266596

Hello. This is my first post to the group, although I've been lurking
for several months. To date I've not seen much relating to Northern
California in the way of frequencies. Does anyone know where I can find
anything interesting? Scanman was great but really covers only S. Cal.
Anyone know if a N. Cal version is coming? Thanks.

Jim Carpenter |
DBA | -- insert incredibly funny .sig comment here--
|
rirober@eis.calstate.edu |

4388. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-25 16:56:17 UTC
From: ddillon@csulb.edu
Message-ID: <38jdbh$ub@garuda.csulb.edu>
Source record: 266595
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Richard Crisp (crisp@netcom.com) wrote:
:
: Freeh told attendees here at the recent conference on Global
: Cryptography that if the Administration's Escrowed Encryption
: System, otherwise known as the Clipper Chip, failed to gain
: acceptance, giving way to private encryption technologies, he would
: have no choice but to press Congress to pass legislation that
: provided law enforcement access to *all* encrypted
: communications.

Here is what I want to know. How can one encrypt voice real
time over a telephone line without equipment that costs more than the
average private citizen can afford. I have thought of a few ideas using
a soundblaster card and some kind of encryption algoriothm, but I know
nothing about encrytion. (I do know however that we should be allowed to
keep private what is private to us.... regardless of how trivial it may
be to others.)
I don't believe that my phone calls are very private as it is
now. I have pretty good reason to believe that they arew easily tapped
by business, govt, or just nosy bastards wanting to hear me order over
the phone with my credit card number of hear my converstions with my
(annoying) x-girlfriend. Regardless of WHY a person wants to encrypt
their private (notice the word private) dealings, they should be allowed
to. One's effort to keep their private dealings private in NO way
infringes on ANYONE elses right to the same.
I wouldn't put any real amount of money into any encryption
personally, but I strongly believe that if I wanted to do so, I should be
so allowed. As a matter of fact I believe that there whouldn't even be
anyu question about it. If it were easily done, I would encrypt even the
most trivial of things just to make the point that I can to anyone who
would snoop.
I still wonder... what is available, and at what dollar amount?

dd
no pgp key available yet.. (need pkunzip30 b4 I can use the stinking thing)
73

4389. SEVAN

Newsgroup: rec.radio.scanner
Date: 1994-10-25 17:58:52 UTC
From: cseymour@mbunix.mitre.org
Message-ID: <38jh0s$5t2@linus.mitre.org>
Source record: 266597

Can anyone in the crowd share information on Pennsylvania's new statewide emergency voice-alerting network? I read an article that it's a satellite-based warning and communications network, doing voice, data, and video.

Does anyone have specifics, like who put it together, how it works, frequencies, etc?

chip

4390. Re: Scanning the cellular

Newsgroup: rec.radio.scanner
Date: 1994-10-25 18:47:04 UTC
From: horak@convex.com
Message-ID: <38jjr8$p6e@eugene.convex.com>
Source record: 266600

In <1994Oct22.194029.2738@msus1.msus.edu> hoffj@mhd1.moorhead.msus.edu (Jerad Hoff) writes:

>I was up in Canada the other day, (my cabin is one mile south of the
>USA/Canda border) and I just bought an AR1500. I was comparing the 1500 to
>my Pro 43 in
>differnet ranges, and I tried out the 868-896 rage. The 1500 manual says
>to use 12.5khz steps while the 43 uses 30khz. Which is right? I was
>getting hits using both steps. I was getting hits on the 1500 where the 43
>couldn't go, and visa versa.

>Anyone have a comment on this?

As Michael said, the steps are 30 KHz. Your 1500 will pick up every 5th frequency exactly. The other four will be off frequency several KHz but you may be able to hear most of these too depending on how selective the receiver is.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

4391. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-25 18:49:29 UTC
From: horak@convex.com
Message-ID: <38jjvp$pei@eugene.convex.com>
Source record: 266599
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In <crispCy807u.J6p@netcom.com> crisp@netcom.com (Richard Crisp) writes:

>In article <CB.94Oct24111040@willow021.cray.com> cb@cray.com (Chris Brewster) writes:
>>Mike McCarty writes:
>>
>> However, what happens when the criminals are the ones in government
>> office? Like now, for instance? ... Byrd (admitted to providing young
>> males for homosexual prostitution OUT OF HIS OFFICE). ...
>>
>>Small correction: I believe this was Barney Frank. If you mean
>>Robert Byrd of W.Va., he doesn't seem like the type.

>Definitely was Barney Frank. By the way, he is up for re-election too.
>Barney has been screwing more than ....

Barney doesn't use bookmarks, he just bends his pages over :-)

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

4392. Re: Help with Pro46 mod - soldering surfacemount diode

Newsgroup: rec.radio.scanner
Date: 1994-10-25 18:59:31 UTC
From: horak@convex.com
Message-ID: <38jkij$qev@eugene.convex.com>
Source record: 266601

In <JKyX6xj.gregmason@delphi.com> Gregory yea... you can call me Greg <gregmason@delphi.com> writes:

>Anyone care to hazzard a guess as to what my ignorance has caused in the >scanner? You guys gotta help me.... Its my wifes radio!

Probably a solder flake somewhere from the mod work. Or, did you remember to use anti static measures? A zapped part will act like this until it finally dies. Another possibility is a weak solder joint on something that you may have desoldered/resoldered, a damaged etch, etc. Also, it could be a loose connection of something you didn't plug back in well.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

4393. Re: Nickel Metal Hydride AA Cells?

Newsgroup: rec.radio.scanner
Date: 1994-10-25 19:43:25 UTC
From: mjr@crl.com
Message-ID: <38jn4t$nn9@crl8.crl.com>
Source record: 266603

In article <38gamk$nef@panix3.panix.com> schuster@panix.com (Michael Schuster) writes:
>In article <38f79f$5cb@crl6.crl.com>, Matthew Rapaport <mjr@crl.com> wrote:
>>In article <hk7Wpd2.segenreich@delphi.com> GEORGE SEGENREICH <segenreich@delphi.com>
writes:
>>
>>Alkaline batteries are rated at 2.7 or so AH, but they only DELIVER this much
>>current in slow-drain situations. Since scanners are fairly low drain, they
>>are good for this application, but transmitting on HAM HT's or charging
>>flash tubes are HIGH drain and the effective yeild of Alkalines are only about
>>0.9AH. Nickle Hydride batteries will deliver a real 2.7AH even in HIGH
>>drain situations, so they are well worth their price for ham and other
>>applications, but not all...
>>
>>An added bonus making them (possibly) worth their price in other applications
>>is their long shelf life. They retain some 85% of their original power even
>>after 10 years, making them good for emergency packs.
>
>If the last paragraph refers to NiMH cells, it's wrong.
>NiMH cells self-discharge at upwards of 3 times the rate of Nicads.
>So they will be dead in a matter of weeks, and unuseable in a matter of
>days.
>
>--
>Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
>------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

You are quite right. My apologies. I was referring to Lithium Hydride
cells. They are not rechargeable, so can't really be compared to any
Ni cells. That is why their price/performance is generally related to
alkalines.

Sorry for the confusion

--
matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70371,255 Internet: mjr@crl.com

4394. Re: Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-25 19:46:53 UTC
From: crisp@netcom.com
Message-ID: <crispCy8uy5.Eo1@netcom.com>
Source record: 266608

In article <j_norfleet-2510941025410001@132.236.178.15> j_norfleet@cornell.edu (Justin Norfleet) writes:
>This doesn't have anything to do with whether or not you can use your
>scanner on board an aircraft. That's up to the carrier and ULTIMATELY
>up to the pilot. So ask.
>
>This does have to do with where to find frequencies to listen to.

Delta and Reno permit scanners to be used at over 10LK feet altitude.

United and American prohibit their use :-(

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4395. Re: CORDLESS SCANNING OUTLAWED

Newsgroup: rec.radio.scanner
Date: 1994-10-25 20:02:48 UTC
From: crisp@netcom.com
Message-ID: <crispCy8voq.GI2@netcom.com>
Source record: 266612

In article <Cy4Mt5.C99@sgb.oau.org> sbradley@sgb.oau.org (Steven Bradley) writes:
>So, boneheads in DC, let's face it. You make a crummy law, everyone IGNORES
>it, what are you going to do about it? Not much except whine like a legal
>mouthpiece about how it's wrong, etc. Well if that's the case, how about
>mailing me payments EACH and EVERY month and LEASE my AIRSPACE for your
>calls? I OWN my airspace, and I shall monitor cordless, cellular, you name
>it -- and there is NOTHING, that is N-O-T-H-I-N-G you can do to stop me.
>
>Oh sure, you can state "penalties", but catching a person in the act, well,
>let's say when you have the drug and prostitutes problems under control,
>also the credit card fraud problem under control, then MAYBE you may have
>time to chase the scanner owners, but let's face it, you're understaffed,
>outnumbered, and no means to get a judge to issue a no-knock warrant on the
>grounds "you believe there is an active monitor of cellular or cordless
>phones in the premises located at xxx xxxxxxxx xx".
>

One thing they can do and most likely will do is to ban the type certification
of equipment that is capable of being used to break the law. This is
what the 1992 scanner ban was about.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4396. Newport Centre Mall freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-25 20:22:51 UTC
From: 5leitgeb_c@spcvxb.spc.edu
Message-ID: <1994Oct25.162251.1@spcvxb.spc.edu>
Source record: 266613

Does anyone have frequencies for Newport Centre Mall in Jersey City,
N.J. Please reply by email or post.
Thanks,
Craig

4397. Re: Pro-43 leather case?

Newsgroup: rec.radio.scanner
Date: 1994-10-25 20:23:39 UTC
From: major@mailhost.ecn.uoknor.edu
Message-ID: <38jpgb$oar@constellation.ecn.uoknor.edu>
Source record: 266606
Cross-posted to: rec.radio.scanner,alt.radio.scanner

morris@grian.cps.altadena.ca.us (Mike Morris) writes:

>In a previous article, pooledm@msmail.dun.nielsen.com () says:

>>I know this was posted sometime back but I didn't
>>have a Pro-43 then and didn't save the info :(
>>
>>Does anyone know of a manufacturer for a leather case
>>(or maybe vinyl) specifically to house the Pro-43 scanner?
>>
>>Thanks,
>>Dave, N4XRO
>>pooledm@msmail.dun.nielsen.com

>Go to your friendly Motorola dealer.
>

Ask for a GP-300 case.

Try: GALL'S Inc.
2680 Palumbo Dr.
PO Box 54308
Lexington , KY 40555-4308

1-800-477-7766

$12 and $24

4398. Re: Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-10-25 20:39:14 UTC
From: "F. Barry Mulligan" <70035.140@CompuServe.COM>
Message-ID: <38jqdiiru1@mhadg.production.compuserve.com>
Source record: 266607

kevwright@cix.compulink.co.uk ("Kevin Wright") asked:
> ... what I may be missing by getting one with the gaps in the coverage?

A European version of the PRO-43 can have the 30-54 MHz range restored by a procedure similar to the standard mod. At the point where the mod says to move diode D4 to D3 (which you already have), you would either remove the diode at D5 or install one at D2 (I don't know which - maybe someone who has done it can chime in).

In the US, the assignments for the gaps are:

88.000 - 108.000 FM Broadcast (200 kHz steps - FMw)
108.000 - 118.000 Aero - navigation

174.000 - 216.000 Broadcast TV chs 7-13 (6 MHz steps - FMw)
216.000 - 218.000 Maritime - AMTS, coast (25 kHz steps)
218.000 - 219.000 IVDS - Interactive Video & Data
219.000 - 220.000 Maritime - AMTS, ship (25 kHz steps)

512.000 - 806.000 Broadcast TV, Chs 21-69

(from the file fcc.allocations on oak.oakland.edu, where you can also find several descriptions of the mod.)

At L450 there is the Yupiteru 7100 and others, but for price/performance the PRO-43 is an excellent receiver.
/* barry /&
mulligan@acm.org

4399. Re: Is there any radio flea market or swap meeting in San Jose, CA area

Newsgroup: rec.radio.scanner
Date: 1994-10-25 22:56:06 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.158.0010EFDB@chevron.com>
Source record: 266622

In article <shawrCy8Mu3.JJE@netcom.com> shawr@netcom.com (rich shaw) writes:

>As Subject. Thanks.

The Livermore Amateur Radio Klub (LARK) holds a swap meet on the first Sunday of every month. It starts around 7 AM (vendors arrive early) at Las Positas College in Livermore. Old maps mights show Las Positas College.

From San Jose take I-680 north to Pleasanton and I-580 east to the Airway Blvd exit in Livermore (abeam the airport). Turn left (north) and follow the signs to the college. Amateur talk in is normally on 147.045 or 147.12.

It is a rain or shine event!

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

4400. Re: Military aircraft scanning?

Newsgroup: rec.radio.scanner
Date: 1994-10-25 23:00:03 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.159.001100BC@chevron.com>
Source record: 266623

In article <9410251536.AA00667@craysea.cray.com> glitwin@craysea.cray.com (Gary Litwin) writes:
>I live in Seattle, Washington, and would like to monitor the military
>activity associated with this area.
>I have scanned 225-400 Mhz, and not heard anything yet.
>Has anyone heard military aircraft in my area?
>Can anyone give me some pointers to appropriate frequencies to scan?
>A book title or other source for information would be appreciated as well!

The emergency traffic frequency for UHF aircraft is 243.000. You may hear radio checks or calls where other frequencies are mentioned on that channel. It is sometimes refered to as "guard".

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

4401. Re: Toronto, Ontario (Canada) Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-26 00:49:22 UTC
From: gesman@io.org
Message-ID: <38k92i$kov@ionews.io.org>
Source record: 266564
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <386atu$11os@hermes.acs.ryerson.ca>,
Ross Benner - SHTM/F94 <rbenner@acs.ryerson.ca> wrote:
>I am looking for a brief list of frequencies for the Metropolitan Toronto
>area. Some of the frequencies I'm looking for include Metro emergency
>services (fire, ambulance, police), Ryerson Polytechnic University
>frequencies, and any others which you may happen to know of. Any
>responses and information regarding this would be appreciated.

Pick up a "Haruteq scanner guide" in any Radio Shack. It almost 1 yr. old,
but many freqs are still valid and active. It is yearly edition and I'd
expect a new release will be out shortly. There a zillions frequencies
out there, so the book is the best to have.

--
Gleb Esman.

4402. Regency ACT-E10H/L/U Monitoradio scanner for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-26 02:07:00 UTC
From: hirschj@vax2.concordia.ca
Message-ID: <25OCT199421071986@vax2.concordia.ca>
Source record: 266621

I have to clear some things (wife's orders). Will sell
the above collectors item to someone who is truly
interested in Scanner memorabilia. It is working
perfectly and is in good condition (only thing needed
is to solder a small pin on the board, but this is not
a necessity). It comes with the manual, servicing instructions,
and all schematics. Included in the package are 47 assorted
crystals, all checked out and working. I also have 6 pairs
(6 receive and 6 transmit) crystals for CB. Make me an
offer (buyer pays shipping). Offers will be accepted
for the scanner and scanner crystals, the CB crystals, or
both.
Email:HIRSCHJ@vax2.concordia.ca
--Jack

4403. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-26 02:28:52 UTC
From: Kevin Martinez <lps@rahul.net>
Message-ID: <Cy9DK5.Cx7@rahul.net>
Source record: 266698
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

ddillon@csulb.edu (Daniel Dillon) writes:

> Here is what I want to know. How can one encrypt voice real
>time over a telephone line without equipment that costs more than the
>average private citizen can afford. I have thought of a few ideas using
>a soundblaster card and some kind of encryption algoriothm, but I know
>nothing about encrytion. (I do know however that we should be allowed to
>keep private what is private to us.... regardless of how trivial it may
>be to others.)

Mr. Zimmerman is working on something called pgp-voice which will use a
computer and a sound card. He was looking for programmers skilled in
assembler and sound card programming in July. This sounds quite promising!

If I had a choice between a ATT Clipperphone and a PGPphone, guess which
one I would choose?
--

Kevin Martinez Fear the Government that fears your Scanner!
lps@rahul.net I owe all my success to Roly Poly Fish Heads!

4404. R1

Newsgroup: rec.radio.scanner
Date: 1994-10-26 02:39:38 UTC
From: fever@winternet.com
Message-ID: <38kfha$9ki@blackice.winternet.com>
Source record: 266675

I'm looking for anyone with positive comments about the R1... I've heard many negative ones, but I'd like to hear the other side of the story. If anyone can provid any informationn, I'd appreciate it greatly!

Thanks...

4405. Re: 800 Mhz Block Converters Still Legal?

Newsgroup: rec.radio.scanner
Date: 1994-10-26 02:43:54 UTC
From: g9153402@huey.csun.edu
Message-ID: <38kfpa$ou3@nic-nac.CSU.net>
Source record: 266624

F. Barry Mulligan (mulligan@ACM.ORG) wrote:

> g9153402@huey.csun.edu (Berton Corson) asked:
> > ... a block converter kit ... Are these things convered by ECPA ...

> The ECPA (1986) refered to the act of listening. It was TDDRA (1992) that
> banned devices. The resulting FCC rules include:

>47 CFR 15.121 (a) .... scanning receivers, and frequency converters designed
>or marketed for use with scanning receivers, must be incapable of ....
> [see also 47 CFR 2.975(a)(5) and 15.37(f)]

> Tucker (and others) could argue that their device was intended for use with
> microwave ovens and are therefor exempt <g>, but they wouldn't get very far.

> /* barry /&

But if this device was sold as a "kit", where the purchaser had to put
it together to build a device that may be illegal, would this clear the
retailer of any wrongdoing? After all, they would just be selling a
bunch of components, where the purchaser was the one that created the
device.

4406. DDI Setup Wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-26 03:32:00 UTC
From: "Steven W. Weinstein" <73327.3472@CompuServe.COM>
Message-ID: <38kijhdfj1@mhadf.production.compuserve.com>
Source record: 266681

Wanted DDI setup with or w/o scanner.

4407. Canadian Scanners

Newsgroup: rec.radio.scanner
Date: 1994-10-26 03:38:42 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <783125073@f747.n115.z1.ftn>
Source record: 266393

-=> Quoting Neil Townsend to All <=-

NT> I have a friend who just purchased a Pro-43 and when attempting to do
NT> the mods to make it cellular capable, he noticed there are only diodes
NT> D1 and D2. Therefore, the mods that are posted could not be done. His
NT> model number is 20-300 *not* 20-300A but his serial number is A00xxxx
NT> which is lower than my serial number of 06xxxx (no letter A preceding)
NT> which was bought about a year ago.

I don't know how he could have gotten one a year ago, Neil. Non-cellular
'43's didn't come out until March of '94. (Date code 3A4 and up)

Because the serial number has the letter "A" preceding the serial number,
this is an indication that the unit is not capable of modification.

Jerry

4408. Yaesu Frg-100

Newsgroup: rec.radio.scanner
Date: 1994-10-26 04:25:31 UTC
From: corrigan@aloha.com
Message-ID: <38klnr$3re@mango.aloha.com>
Source record: 266688

Hello out there.

I am planning on purchasing either a FRG-100 or an AOR-3030.
Can anyone tell me which one would be recommended for a beginning hf
listener I plan on interfacing with my computer also looking for it to be
able to expand with my interrests. Thanks

Rich

4409. Re: rs-232

Newsgroup: rec.radio.scanner
Date: 1994-10-26 05:05:00 UTC
From: alacy@skew.com
Message-ID: <alacy.3.001615FD@skew.com>
Source record: 266687

>The only such scanner I know about is the Uniden MR8100 scanner -- it is
>an 800 MHz capable unit with an alphanumeric display, 100 channel model
>directed for public safety use -- but I've seen it used in some TV
>newsrooms -- where the assignment desk personnel aren't scannerheads -- it
>has a 9-pin RS-232 interface to program frequencies and alphanumeric
>descriptions of each frequency -- I think an outfit out of Dallas Texas
>called Page-Com Inc. sells them.

thanks for the info!

4410. No Mods needed really!

Newsgroup: rec.radio.scanner
Date: 1994-10-26 05:29:32 UTC
From: alacy@skew.com
Message-ID: <alacy.4.00167EB0@skew.com>
Source record: 266691

Here's a good thing for all you non-technical people. If you have a scnner with the 868-896Mhz range blocked, you can still pick up cell freqs! Cellular One does not use those freqs! Those are reserved for mostly Ma-Bell and affiliates. For example, southwst bell, us west, etc... So just search the areas around the blocked freqs and you should be good to go!

4411. mod?

Newsgroup: rec.radio.scanner
Date: 1994-10-26 05:34:20 UTC
From: alacy@skew.com
Message-ID: <alacy.5.00169325@skew.com>
Source record: 266692

anyone have a mod for the sc150 (uniden sportcat)? Thanks!

4412. question...

Newsgroup: rec.radio.scanner
Date: 1994-10-26 05:37:10 UTC
From: alacy@skew.com
Message-ID: <alacy.6.00169F3D@skew.com>
Source record: 266693

does anyone know how if it would be possible to hook the tip and ring leads from an rj11 jack to the wires of a earphone? I want to plug the earplug into the scanner and then the rj11 into my modem. I have a monitor feature on my software, and want to watch faxes and cell data. Is there enough voltage coming out of the earplug port to push to modem? Any help would be appreciated.

4413. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-26 06:39:44 UTC
From: jflint@ic.sunysb.edu
Message-ID: <38ktjg$fep@adam.cc.sunysb.edu>
Source record: 266690
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <7yFhkiubGgu8066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:

>Chances are very good that if you start to encrypt all your transactions
>this will attract attention to yourself and the government will make you
>one of the 5,000,000 + Americans that were wire tapped in 1993
>(these are Dept. of Justice figures).

All the more reason to use PGP as often as possible! (I've slacked off lately but I'm thinking about starting again...)

I'd like to see ANYONE try to crack 50million 1024-bit keys... ;)

--
Rule of Thumb:
* An individual's command of high technology is in INVERSE proportion to their use of the terms "cyber-" and "information superhighway".
"Duh... I'm surfin' the Internet, ayup ayup"

4414. SEVAN

Newsgroup: rec.radio.scanner
Date: 1994-10-26 06:54:00 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <64e_9410260709@rccons.lm.com>
Source record: 266625

Hello cseymour@mbunix.mitre.org!

25 Oct 94 13:58, cseymour@mbunix.mitre.org wrote to All:

cmo> Can anyone in the crowd share information on Pennsylvania's new
cmo> statewide emergency voice-alerting network? I read an article that
cmo> it's a satellite-based warning and communications network, doing voice,
cmo> data, and video.

cmo> Does anyone have specifics, like who put it together, how it works,
cmo> frequencies, etc?

This system is a Ku band satellite system operated by Pennsylvania Emergency Management Agency (PEMA) in Harrisburg.

The system permits voice contact to most county EMA and/or E911 centers during emergencies when traditional routes fail due to damage.

The data includes the NOAA Weather Wire for information on severe wx conditions which may effect the area of the receiver.

4 Data Circuits & 1 Video Circuit exist.

Not really monitorable as the voice circuit is all digital.

Rick Christian, AAJP/BSEE
PCO Peters Twp. PD @ Wash. Co. E911
AOSC PA Editor
Internet: rccons!aosc_pa@telerama.lm.com

4415. Help: can I hear mobile to base?

Newsgroup: rec.radio.scanner
Date: 1994-10-26 07:04:10 UTC
From: tdoh@ix.netcom.com
Message-ID: <38kv1a$7b5@ixnews1.ix.netcom.com>
Source record: 266697

Can someone help me-I'm fairly new to scanning...my question
is this: When listening in on police frequencies (e.g., CHP), why
is it that I can hear only the base station output and not the
mobile? I can pick up the CHP base freqs at around 42 Mhz--
anyone know how to pick up the corresponding incoming mobile
freqs? Someone had mentioned something about the mobiles using
repeaters--how does this relate to my question, if at all?
Any help on this would be greatly appreciated...

BTW, I just got my PRO-43, and have no regrets buying it,
even though I'm heavily in debt...I've actually spent more
time listening in with my scanner than I have spent at my
PC since I bought it!!
--

The Tonester
tony@bart.naig.com (work) or
tdoh@ix.netcom.com (home, when I find time
to log on, which is very
little)

4416. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-26 07:43:54 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <38l1bq$15gq@tiger1.ocs.lsu.edu>
Source record: 266694

:Everyone always says ONE PERSON can't make a difference... now you all
:say I am making a difference... so... WHY don't you all go out and
:make a difference....

Glenn, I never said one person can't make a difference. We both apparently agree with that. As far as the law goes, you don't have precedent with out one person being brought up on charges (like listening to cordless phones)...then you can charge everyone with it and use U.S. vs Smith ruling to support the charge. So one person CAN make a difference. What difference were you trying to make when you called the White House? What information would you have gotten from Wendy that you didn't get from the person you talked to?

If my post seems combative or argumentative, I apologize. I have read your magazine and listened to your show (even talked to you and Will on it), and I DO respect what you are trying to accomplish on the whole. But that doesn't mean that I can't be confused by or disagree with your actions in this case...

Also, if you were directing the comment about "why don't you make a difference" to me, I would have to ask what evidence do you have that I DON'T make a difference (or at least try to).Making a statement like that is akin to name-calling.
Dave

4417. Re: Scanners in the UK

Newsgroup: rec.radio.scanner
Date: 1994-10-26 10:27:23 UTC
From: ian@isis.demon.co.uk
Message-ID: <783167243snz@isis.demon.co.uk>
Source record: 266481

In article <38dscn$137@newsbf01.news.aol.com> dmoore1@aol.com "Dmoore1" writes:

> I am planning on bring my Bearcat 200XL to London, is there
> anything I should know? Any laws I need to know about. Are
> scanners allowed on British Airways flights?

Owning scanners is legal. Using them outside the broadcast and ham bands
is illegal. If you don't make a song and dance about it, nobody will care
much what you listen to. If you do get your collar felt, play dumb, be very
polite and appologise for not understanding their quaint ways. They'll wag
their finger at you and send you on your way. The British reaction to this
is to sprint away, punching the air and crying YESSSSS !!! Try to contain
yourself until you're out of sight and earshot :)

Firing up your scanner, mid-flight, is what I'd call pushing your luck.

Ian.
--

| Ian Smith | "The Moving Finger writes;
| ian@isis.demon.co.uk | and, having writ, Moves on."

4418. Re: Toronto, Ontario (Canada) Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-26 11:11:41 UTC
From: shearman@bonk.io.org
Message-ID: <38ldhd$56d@ionews.io.org>
Source record: 266645
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Gleb Esman (gesman@io.org) wrote:
: In article <386atu$11os@hermes.acs.ryerson.ca>,
: Ross Benner - SHTM/F94 <rbenner@acs.ryerson.ca> wrote:
: >I am looking for a brief list of frequencies for the Metropolitan Toronto
: >area. Some of the frequencies I'm looking for include Metro emergency

: Pick up a "Haruteq scanner guide" in any Radio Shack. It almost 1 yr. old,
: but many freqs are still valid and active. It is yearly edition and I'd
: expect a new release will be out shortly. There a zillions frequencies
: out there, so the book is the best to have.

Please be aware that Haruteq is NOT as accurate as it could be... Mnay of
their frequencies are inaccurate and out of date, particulalrly for MTP
as they move to 800 mhz.

A good place to find out more is the Ontario DX
Assn. BBS called The Listening Post at (905)841-6490. LP has had some
Fido-echoed conferences that have been discussing Metro police
frequencies recently.

Happy scanning...

--

4419. scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-26 12:01:00 UTC
From: mike.possumato@woodybbs.com
Message-ID: <93.1107.7592.0NFB4F01@woodybbs.com>
Source record: 266639

Does anyone know of any modifications to a radioshack PRO-2009?

Mike
---
 wcECHO 4.0 AR-Net Sunset-East BBS, Union, NJ 908.964.4357 WB2JIO

4420. Puerto Rico Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-26 12:21:22 UTC
From: jcpedrei@mailbox.syr.edu
Message-ID: <38lhk3$ijc@newstand.syr.edu>
Source record: 266719

Does any one have frequencies for Puerto Rico?
If you do please E-mail me at:
jcpedrei@mailbox.syr.edu

4421. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-26 13:02:44 UTC
From: grady@netcom.com
Message-ID: <gradyCyA6wK.Au5@netcom.com>
Source record: 266716
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Realtime voice encryption is just around the corner.

Join alt.security.pgp and stay tuned for details on Voice-PGP 1.0.

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

4422. Re: Military aircraft scanning?

Newsgroup: rec.radio.scanner
Date: 1994-10-26 13:19:18 UTC
From: greg@radar.safb.af.mil
Message-ID: <1994Oct26.071918.31286@cc.usu.edu>
Source record: 266718

>Message-ID: <9410251536.AA00667@craysea.cray.com>
>From: glitwin@craysea.cray.com (Gary Litwin)
>
>Hello -
>
>I live in Seattle, Washington, and would like to monitor the military
>activity associated with this area.
>
>I have scanned 225-400 Mhz, and not heard anything yet.
>
>Has anyone heard military aircraft in my area?
>
>Can anyone give me some pointers to appropriate frequencies to scan?
>
>A book title or other source for information would be appreciated as well!
>
>
>Thanks!
>
>Gary Litwin
>glitwin@craysea.cray.com

Gary,
I don't have any book titles for you, but you might give these
frequencies a listen to start with:

Seattle Approach (Mc Chord AFB, WA): 126.5 391.9
Mc Chord Tower 124.8 259.3, 236.6
Mc Chord Ground 121.65 275.8
Mc Chord ATIS 109.6 270.1
Mc Chord Pilot to Dispatch 372.2
Mc Chord (AMC) Command Post 130.65 349.4
Mc Chord METRO (Weather) 342.5

I hope this gets you started.

73 and good listening.
Greg Horine, N9PBD
15sms24.hqamc@mhs.safb.af.mil

4423. Re: San Jose Area Man busted for Cell phone cloning

Newsgroup: rec.radio.scanner
Date: 1994-10-26 14:09:19 UTC
From: crisp@netcom.com
Message-ID: <crispCyA9zJ.5rM@netcom.com>
Source record: 266629
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

In article <Ed_Velez-2510940959390001@macj715.svl.trw.com> Ed_Velez@smtp.svl.trw.com (Ed Velez) writes:
>> That CNN news story mentioned a system developed by TRW I believed they
>> referred to as "thumbprint" designed to prevent access to cell phone codes.
>> Does anyone have specifics as to how this system works?
>>
>Product is "PhonePrint" and will analyze RF from each individual phone
>used. No 2 phones have the same prints and cloners will be recognized and
>dealt with accordingly.
>
>The november issue of 73 has a review of the MOTRON tx fingerprinter on
>page 58. Concepts noted in the article apply to phoneprint to some extent.
>

Sounds like using a cannon to kill a fly

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4424. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-26 14:26:10 UTC
From: smasters@bzy.gmu.edu
Message-ID: <38lou2$gg2@portal.gmu.edu>
Source record: 266723
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Kevin Martinez (lps@rahul.net) wrote:
: ddillon@csulb.edu (Daniel Dillon) writes:

: > Here is what I want to know. How can one encrypt voice real
: >time over a telephone line without equipment that costs more than the
: >average private citizen can afford. I have thought of a few ideas using

: Mr. Zimmerman is working on something called pgp-voice which will use a
: computer and a sound card. He was looking for programmers skilled in
: assembler and sound card programming in July. This sounds quite promising!

I can think of a few ucontrollers that can preform simple encrytpion
and decryption in real-time. Combinational logic can be used for a psuedo
one-time pad encryption (using random number generators), and remain a fairly
small application.
PGP though would require a lot of processing power for real-time
processing.

73,
Shawn
KE4GHS

4425. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-26 14:38:25 UTC
From: fd@wwa.com
Message-ID: <38lpl1$elp@sashimi.wwa.com>
Source record: 266720

David B Baker (dbaker@tiger.lsu.edu) wrote:
: :Everyone always says ONE PERSON can't make a difference... now you all
: :say I am making a difference... so... WHY don't you all go out and
: :make a difference....

: Glenn, I never said one person can't make a difference. We both apparently
: agree with that. As far as the law goes, you don't have precedent with
: out one person being brought up on charges (like listening to cordless
: phones)...then you can charge everyone with it and use U.S. vs Smith
: ruling to support the charge. So one person CAN make a difference. What
: difference were you trying to make when you called the White House?
: What information would you have gotten from Wendy that you didn't get from
: the person you talked to?

: If my post seems combative or argumentative, I apologize. I have read
: your magazine and listened to your show (even talked to you and Will on it),
: and I DO respect what you are trying to accomplish on the whole. But that
: doesn't mean that I can't be confused by or disagree with your actions
: in this case...

: Also, if you were directing the comment about "why don't you make a
: difference" to me, I would have to ask what evidence do you have that I
: DON'T make a difference (or at least try to).Making a statement like that
: is akin to name-calling.
: Dave

NO, the One Person Can't Make a Different is attribution to the common bitch
people have with the political system in this country... also expressed as
"you can't fight city hall and win."

Wendy could have told me whether or not, the user(s) of the radio-telephones
on that plane are given any information about the public/privateness oft
them... or whether they juct pick em up and call.
.

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback?
email for uuencoded .TIF of T-Shirt Honoring the FBI
Remember, fd _IS FOR_ Full Disclosure!

4426. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-26 14:40:59 UTC
From: fd@wwa.com
Message-ID: <38lppr$eq6@sashimi.wwa.com>
Source record: 266721

Gregory K Doerschler (gkd@bigwpi.WPI.EDU) wrote:
: In article <38k0ao$nr4@newsbf01.news.aol.com>, Malxndr <malxndr@aol.com> wrote:
: >What I find laughable is that there are so many scannists and monitors
: >whop believe that by not talking about this hobby will in some way
: >preserve it. Whether you agree with Roberts or not, he's tackling the
: >issue head on by forcing a dialog. Too many people are too quick to sit
: >back and say "shhh, maybe if we're quiet, they go away and leave us alone
: >to go back to listening to telephones and the order takers at MickeyDs."
: >Meanwhile Congress is sitting on legislation that would ban scanners all
: >together.

: Do you seriously think the ECPA and subsequent ban on cellular-capable
: scanners would have come about if the scannists (as you call them) hadn't
: made so much noise about listening to cellular conversations? Conventional
: mobile telephones were around for a long time before cellular was
: developed and were much easier than cellular to monitor, yet there was
: little talk about monitoring them and never any talk of outlawing
: monitoring back then.

: There is a world of difference between knowing that someone could be
: listening and knowing that everyone _is_ listening (and willing to
: blab whatever they hear). When I walk down the street, I know that
: someone could be videotaping my every move; but my sense of privacy
: doesn't really feel threatened by that knowledge. In contrast, if
: Bill Clinton walks down the street, he knows that his every move _is_
: being recorded, and will likely appear on the 6:00 news.

: Years ago, the monitoring community seemed to realize that transmission
: of private business on the public airwaves was a necessity for many,
: and generally had the good sense to keep quiet about what was heard.
: Now that encryption is readily available, we seem to think that everyone
: who does not encrypt their transmissions deserves to be made into a
: public spectacle. Forcing everyone to encrypt seems to be our mission
: now; we've shown that we can't be trusted to use our good sense in
: dealing with what we hear.

: I suppose in this day and age, encryption really is in everyone's best
: interest. Privacy is something which people should be concerned with
: today. Looking at it this way, our mission (and Glen Roberts' mission)
: becomes a noble cause. Hopefully, we'll be able to find some other way
: to occupy our time once we succeed.

If we are delighted with what we hear on a scanner... shouldn't EVERYONE
listen in... or is only exciting because only one in twenty has a scanner
and probably only 1 in 20 of those... listen to our "good stuff?"

Isn't keeping scanning hush hush... actually making us "better" than "them,"
because we "know" and they "don't?"

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
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Does 10555-1-708-356-9646 give you an "ANI" readback?
email for uuencoded .TIF of T-Shirt Honoring the FBI
Remember, fd _IS FOR_ Full Disclosure!

4427. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-26 15:54:29 UTC
From: crisp@netcom.com
Message-ID: <crispCyAEuu.D50@netcom.com>
Source record: 266712
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <38ktjg$fep@adam.cc.sunysb.edu> jflint@ic.sunysb.edu (Tog) writes:
>In article <7yFhkiubGgu8066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:
>
>>Chances are very good that if you start to encrypt all your transactions
>>this will attract attention to yourself and the government will make you
>>one of the 5,000,000 + Americans that were wire tapped in 1993
>>(these are Dept. of Justice figures).
>
>All the more reason to use PGP as often as possible! (I've slacked off
>lately but I'm thinking about starting again...)
>
>I'd like to see ANYONE try to crack 50million 1024-bit keys... ;)
>

I am concerned that those that think the right way to combat this
new attack on our personal liberties is to encrypt everything may
actually hasten the introduction of such despised legislation.

If you recall in the earlier Edwards/Leahy draft of the Digital Telephony
Bill, there was a provision for the government to log the number of
times uncrackable encrypted comms were discovered in the process
of executing wiretaps.

It is clear they want to build a case that the use of crypto is widespread,
is interfering with their ability to execute wiretaps (both legal and
illegal ones), and consititutes a public nuisance.

I fear that a sudden increase in the amount of encrypted traffic simply
plays into their hands.

One thing is clear: the current FBI director is unconcerned with
protecting the assumed rights the public has to be secure in their homes
and papers.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4428. Northern Illinois hamfest/computerfest calendar

Newsgroup: rec.radio.scanner
Date: 1994-10-26 17:09:33 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CyAIBy.Mo6@nntpa.cb.att.com>
Source record: 266667
Cross-posted to:
rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave,rec.radio.swap,sci.electronics.repair

HAMFEST/COMPUTERFEST CALENDAR 1994 - NORTHERN ILLINOIS
last updated October 26, 1994

o Please report additions or changes to Bob Parnass, AJ9S, office phone: (708)979-5414, electronic mail: parnass@ihlpf.att.com. Thanks to Dennis Dale for a lot of this information.

NOVEMBER 1994

November 13, Sunday: Palatine, IL - Northern Illinois Packet Users Forum. Sponsors: Chicago Area Packet Radio Assn and Kantronics. Admission $2. William Rainey Harper College, 1200 W. Algonquin Rd, Palatine. 8:30 AM - 5 PM. Talk in on 145.27 MHz. For more info, contact CAPRA@WB9HMD or CAPRA, PO 8251, Rolling Meadows, IL 60008, telephone 708-420-0405.

November 19-20, Sat.-Sun.: Fort Wayne, IN - Fort Wayne Hamfest Sponsor: Allen County Amateur Radio Technical Society (ACARTS) Allen County War Memorial Coliseum Exposition Center Admission: $5.00 (No advance ticket sales.) For information or table orders, send a SASE to: ACARTS, P. O. Box 10342, Fort Wayne, IN 46851 or call John Rufner at 219-483-6305 (table info) Don Gagnon at 219-484-3317 (general info)

Nov 27, Sunday: Wheaton, IL - GMRS of Illinois May Fest '94. Admission $5. Starts 8 AM. Setup 6 AM. Info, call (708)690-1492.

COMPUTERFEST SCHEDULE

September 17, Saturday: Kankakee, IL - Computer Fest 1994. Sponsor: Kankakee River Valley Computer Users' Group. Kankakee County Fairgrounds 9:00 a.m. to 3:30 p.m. Admission $4.00. Information: 815-935-8590 or 815-935-1605>

Computer Central, College of DuPAGE, Main Arena of the Physical Education Building Park Blvd & College Road, Glen Ellyn, Il. 708-940-7547 $5 with card Normal admission $6.00 Opens 9:30 am - 3:00 pm

05/22/94, 06/26/94, 07/31/94, 09/18/94, 10/30/94,
11/27/94

Orland Park Computer Show held at The Orland Park Civic
Center, 147th Street & LaGrange Road, Orland Park, Il.
9:30AM - 3:00PM. Call 708-974-3123 for information or
to get on mailing list. Admission $5.00 or $4.00 with
card.

05/15/94, 06/12/94, 07/17/94, 09/18/94, 10/16/94,
11/20/94, 12/18/94

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

4429. Exploring the Internet (QST)

Newsgroup: rec.radio.scanner
Date: 1994-10-26 18:28:12 UTC
From: scotte@ccs.neu.edu
Message-ID: <38m73s$jut@narnia.ccs.neu.edu>
Source record: 266638
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.scanner,rec.radio.shortwave

Greetings!

I have written a published article in the ham radio magazine QST
(published by the American Radio Relay League) on ham radio and the
Internet. The whole series is called "Exploring The Internet-Part x"
where 'x' is one of the parts shown below:

Part 1 (written by Steve Ford, my editor) specifically discusses what the
Internet is. This was in the September 1994 issue.

Part 2 (also written by Steve ford) describes what the ARRL has to offer.
This was in the October 1994 issue.

Parts 3 and 4 (both written by me, Scott Ehrlich) discuss some of the
TCP/IP commands which can be used, with an emphasis on accessing ham radio
information.
Part 3 is in the November 1994 issue (just coming out now), and part 4
will be in the upcoming December 1994 issue.

If you miss the series, don't have access to QST, or simply want
reprints, here is the information (provided by Steve Ford):

Article copies are $3 per article. The contact person is:

Bridget DiCosimo
Technical Department Secretary
ARRL
225 Main St
Newington, CT 06111

--
Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
Ham Radio and More: http://www.acs.oakland.edu/barc/ham-more/ham-more.html

4430. Radio Shack Repacks

Newsgroup: rec.radio.scanner
Date: 1994-10-26 18:28:55 UTC
From: jim@ttech.com
Message-ID: <jim-261094102855@jimsmac.ttech.com>
Source record: 266644

It is not only radio shack that re-packs used returned equipment and sells it as new equipment. I recently purchased a $2000.00 piece of audio equipment. My first clue was a box that looked like it had been through WW2. The equipment was scratched and in poor condition. I returned the equipment immeditally. I am an electronic design engineer and am aware of this practice being performed by at least 90 percent of electronic equipment vendors in both industrial and commercial markets. Please excure spelling... this was typed in <20 seconds.

+-Jim

jim@ttech.com

4431. PRO-43 Low Audio, need help

Newsgroup: rec.radio.scanner
Date: 1994-10-26 18:41:28 UTC
From: jim@ttech.com
Message-ID: <jim-261094104128@jimsmac.ttech.com>
Source record: 266643

I recently purchased the last two modifiable PRO-43's from the local Rat Shack. Both of them perform quite well and the sensitivity of both units is the same. Here is the problem:

One of the units has lower audio than the other. On this unit, it is necessary to increase the volume level approximatley 25 percent more than on the other unit to obtain the same volume level. This also decreases the signal to noise ratio. Is there a way to adjust the FM demodulator? This problem does not occur when receiving AM aircraft transmissions... so therefore it is FM related.

Please e-mail me.

thanks,

+-Jim

jim@ttech.com

4432. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-26 18:46:06 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <38m85e$dq4@umcc.umcc.umich.edu>
Source record: 266640
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Jordan, I could care less what you were talking about on the telephone! That isn't the point! Encrypted or not, you shouldn't have to prove that you're innocent, sounds like we are in East Germany already. Keep up the good lack of work and let the government RUN YOUR LIFE. That isn't what government is for, ever hear of for the people? Les

4433. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-26 19:03:38 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <38m96a$u2p@tiger1.ocs.lsu.edu>
Source record: 266652

: Wendy could have told me whether or not, the user(s) of the radio-telephones
: on that plane are given any information about the public/privateness oft
: them... or whether they juct pick em up and call.
: .

: Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)

Glenn, have you found out what the setup with that is yet? I was under
the impression that they usually had a red phone and a green phone
right next to each other. The GREEN would be encrypted. If that color
scheme is widely used, some one like Carter would only have to know the
difference between GREEN and RED to know whether or not he is using a
secure line. If it is NOT widely used, I would be interested in finding
out why...
By the way, I notice you have WWCR at 5,065 kHz...when did it switch from
5810 kHz? Did that transmitter get blown up, or is it a seasonal change?

Dave

4434. Cellular Antenna / Scanner Antenna

Newsgroup: rec.radio.scanner
Date: 1994-10-26 19:40:50 UTC
From: domonkos@access.digex.net
Message-ID: <4zghkiubGsa6066yn@access.digex.net>
Source record: 266654

Using mobile scanners here are legal, but wanting to keep a low profile
I bought a thru-the-window scanner antenna. I was quite disappointed with
the performance and ended up getting the GRE Super Amplifier which helped
quite a bit. Wanting better 800Mhz performance, I 'borrowed' my wife's
cellular mag-mount antenna and used a TNC/BNC adapter for the scanner.
I was amazed at the significant improvement on ALL the bands, even 30-50Mhz.
Especially important, VHF-900Mhz performance was outstanding! The antenna is
already resonant in the 800Mhz cellular band so needless to say, you get
a significant gain there.

I purchased my own cellular mag-mount antenna from RS and am very pleased
with it. I think this would make a very good choice for mobile scanner
operations while at the same time keeping an inconspicuous antenna on the
car.

Andy

4435. Cellphone signals on 862.1875 and 867.2625?

Newsgroup: rec.radio.scanner
Date: 1994-10-26 19:44:32 UTC
From: gesman@io.org
Message-ID: <38mbj0$prn@ionews.io.org>
Source record: 266571

Sometimes a noisy cellphone signals (pieces of conversation etc..)
breaking squelch of my Yupiteru MVT-7100 on above frequencies.
Is it possible or my unit has some defects?
Maybe it's because I'm close to either cell-base or very close to handset?

--
Gleb Esman.

4436. Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-10-26 20:11:09 UTC
From: crisp@netcom.com
Message-ID: <crispCyAqqM.I5A@netcom.com>
Source record: 266724
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <Cy9JG5.FqK@news.Hawaii.Edu> jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:
>crisp@netcom.com (Richard Crisp) writes:
>>>Won't be much left of radio if the politics continues on its current path.
>
>>Which is precisely the point!
>
>US politics have no bearing on shortwave bcsts, Richard. Would you
>please keep your political ads/opinions for the so designated
>newsgroups? At least 30% of the articles lately have no shortwave
>content; most of these are followups to articles you've originated,
>including the cell phone scam (should have only gone to .scanner),
>computer encryption (maybe comp.security), your hit list (politics.xxx)
>something about cordless phones (.scanner) - none of these concerned
>long distance communications below 30 MHz.

Jeff,
You are entitled to your opinion and I am entitled to mine. I say it
has a direct bearing on shortwave radio, scanners, and availibility
of equipment in general. If the current path in washington regarding
further encroachments in our liberties is allowed to continue
unchecked, there will be no radio listening. This is why my feeling
is that this unpleasant information needs to be disseminated to
as wide of an audience as possible. I feel I am doing this with the
best interests of the radio hobbyists in mind. I would prefer to
not feel that I have to do this, but cannot ignore the wholesale
assault on our liberties that persist. If you could see the many tens
of letters I receive encouraging me to continue, you would understand
better my position. Furthermore you appear to be somewhat isolated
in your request. I do not see a clamoring of others supporting your
position, rather I mostly see posts building on the threads I have
started.

Your posts asking for refraining from such postings have little value
to the shortwave world as you claim my postings do. I have not asked you
to refrain from your requests. Rather I feel that all are entitled to
speak their mind. If I do not want to read them, I skip over them.
Despite the fact that I think your requests are short-sighted and have
no informational content in them, I do not and will not use kill
files, as I recognize that everyone has something worth hearing
from time to time and I have found some of your posts interesting
and useful.

In short, I have no intention of honoring your request.

I suspect that you just like to control what others see/hear/read.
If this is true, you would be well advised to run for an office in
the congress as that is what these people do professionally.

The good news it that once November 8 passes, there will be a sharp dropoff
in my postings in this area. Of course if the Lame Duck session our President
has proposed for after the elections comes to pass and produce additional
unreasonable bills, you can bet this loyal soldier will be telling it
as it is so as to rally the net to taking appropriate action.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4437. Cell Phone Cloning

Newsgroup: rec.radio.scanner
Date: 1994-10-26 20:49:32 UTC
From: abec@ix.netcom.com
Message-ID: <38mfcs$per@ixnews1.ix.netcom.com>
Source record: 266626

If you currently own a cell phone and subscribe to a service (like GTE, CellularOne, AirTouch, etc) is it legal to clone another cell phone for your own use. For example, I may want a car phone permanently mounted in my car and also have a pocket cell phone with the same phone number for use when I'm not in my car. I see nothing wrong with this but maybe the feds do ??
...Abe

4438. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-26 21:00:58 UTC
From: crisp@netcom.com
Message-ID: <crispCyAt1M.Mv3@netcom.com>
Source record: 266628

In article <38k8mp$mjd@sashimi.wwa.com> fd@wwa.com (Glen L. Roberts) writes:
>Malxndr (malxndr@aol.com) wrote:
>: What I find laughable is that there are so many scannists and monitors
>: whop believe that by not talking about this hobby will in some way
>: preserve it. Whether you agree with Roberts or not, he's tackling the
>: issue head on by forcing a dialog. Too many people are too quick to sit
>: back and say "shhh, maybe if we're quiet, they go away and leave us alone
>: to go back to listening to telephones and the order takers at MickeyDs."
>: Meanwhile Congress is sitting on legislation that would ban scanners all
>: together.
>
>
>Hell... there was NO MENTION of the proposed legisation to ban cordless
>phone montoring on this group... UNTIL AFTER IT PASSED...
>

Glen, this is not true. I posted a number of things about the DT bill
back as early as June of 1994.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4439. Bearcat 8500 for sale...cheap

Newsgroup: rec.radio.scanner
Date: 1994-10-26 21:09:07 UTC
From: fire615@aol.com
Message-ID: <38mghj$g5g@newsbf01.news.aol.com>
Source record: 266722

Brand new, never used, Bearcat 8500. Have one already, received one as a gift. Will sell for $349 plus shipping($7.00). This price is somewhat negotiable but you will not find a lower price for a brand new unit.

4440. Re: The one-issue election...

Newsgroup: rec.radio.scanner
Date: 1994-10-26 21:10:33 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Oct26.131033.4754@cmkrnl>
Source record: 266636
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Crisp writes:
>
>>I WILL VOTE FOR NO INCUMBENT IN WASHINGTON, I SUGGEST YOU ADOPT THE SAME
>>POLICY>
>
>>--
>>Richard Crisp Cupertino, Ca. crisp@netcom.com
>>(415) 903-3832 wk (408) 253 4541 fax

I suggest that the one-issue voter is quite bad enough, and this is worse:
The zero-issue voter.

Oh well, it sure must make the decision process easier.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

4441. Re: Nickel Metal Hydride AA Cells?

Newsgroup: rec.radio.scanner
Date: 1994-10-26 21:18:02 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Oct26.131802.4755@cmkrnl>
Source record: 266637

In article <38jn4t$nn9@crl8.crl.com>, mjr@crl.com (Matthew Rapaport) writes:
> In article <38gamk$nef@panix3.panix.com> schuster@panix.com (Michael Schuster) writes:
>>In article <38f79f$5cb@crl6.crl.com>, Matthew Rapaport <mjr@crl.com> wrote:
>>>In article <hk7Wpd2.segenreich@delphi.com> GEORGE SEGENREICH <segenreich@delphi.com>
writes:
>>>
>>>Alkaline batteries are rated at 2.7 or so AH, but they only DELIVER this much
>>>current in slow-drain situations. Since scanners are fairly low drain, they
>>>are good for this application, but transmitting on HAM HT's or charging
>>>flash tubes are HIGH drain and the effective yeild of Alkalines are only about
>>>0.9AH. Nickle Hydride batteries will deliver a real 2.7AH even in HIGH
>>>drain situations, so they are well worth their price for ham and other
>>>applications, but not all...
>>>
>>>An added bonus making them (possibly) worth their price in other applications
>>>is their long shelf life. They retain some 85% of their original power even
>>>after 10 years, making them good for emergency packs.
>>
>>If the last paragraph refers to NiMH cells, it's wrong.
>>NiMH cells self-discharge at upwards of 3 times the rate of Nicads.
>>So they will be dead in a matter of weeks, and unuseable in a matter of
>>days.
>>
>>--
>>Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
>>------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER
>
> You are quite right. My apologies. I was referring to Lithium Hydride
> cells. They are not rechargeable, so can't really be compared to any
> Ni cells. That is why their price/performance is generally related to
> alkalines.
>
> Sorry for the confusion

These are the 1.5V lithium AA cells I occasionally see on the racks?

Are these available in anything besides AA? I have a use for them in "C"
size. Also, what does the voltage over discharge time curve look like? Is
it relatively flat like NiCad?

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

(Who wishes there was an option for running his laptop off of alkalines. I'd
much rather just buy a set of alkalines at one end of a flight and recycle them

at the other, than have to carry three or four rechargeable packs. I mean, with the flight costing hundreds of dollars, another $10 for worry-free battery power isn't that big a deal. Alas, the above commments re alkaline's suitability for very high drain applications are quite accurate, and laptops have drains in the 1 amp and up range...)

4442. Re: M 400 Decoders

Newsgroup: rec.radio.scanner
Date: 1994-10-26 22:02:13 UTC
From: "J.P. Edmund" <pp001358@interramp.com>
Message-ID: <38mjl5$7kf@www.interramp.com>
Source record: 266634

> Joseph Jesson (joe@netcom.com) wrote:
>
> : Paul, I also own the original M400 and spoke both to Fred
> : Osterman at Universal and the software programmer of the M400
> : in Florida (the name escapes me and I am too lazy to look at
> : my notebook). BOTH mentioned an upgrade to 1200/2400 POCSAG
> : may never happen....
>
> When I spoke with the company which MAKES them for Universal, they
> indicated an inexpensive upgrade at the end of the year. The only
> problem they knew was a chip change (EPROM) and that the newer units
> had more onboard RAM -- which would not be a problem with the older
> units if you used an interface to a computer to read the data. This
> change was made due to higher speed.
>

Pardon my ignorance. I have heard of this unit. What exactly can be done or recieved with it?

4443. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-26 22:03:16 UTC
From: rja@Eng.Sun.COM
Message-ID: <38mjn4$m7q@engnews2.Eng.Sun.COM>
Source record: 266631

In article mjd@sashimi.wwa.com, fd@wwa.com (Glen L. Roberts) writes:
>Malxndr (malxndr@aol.com) wrote:
>: What I find laughable is that there are so many scannists and monitors
>: whop believe that by not talking about this hobby will in some way
>: preserve it. Whether you agree with Roberts or not, he's tackling the
>: issue head on by forcing a dialog. Too many people are too quick to sit
>: back and say "shhh, maybe if we're quiet, they go away and leave us alone
>: to go back to listening to telephones and the order takers at MickeyDs."
>: Meanwhile Congress is sitting on legislation that would ban scanners all
>: together.
>
>
>Hell... there was NO MENTION of the proposed legisation to ban cordless
>phone montoring on this group... UNTIL AFTER IT PASSED...

>
>What the hell... and you're worried about my exercise of First Amendment
>Rights... go out and do something yourself...

I'll bet you think yelling "FIRE!" in a theater is exercising your
rights too. Hell, even if you ARE legally justified, I still want
to know how you morally justify screwing up the hobby even more than
it's already screwed up.

>
>Why don't you tell the FBI I am a communist and a union organization and
>am funded by John Gotti... maybe it will make it all better.

Or call 1-800-ATF-XXX and say you have machine gun parts...
(note that I didn't include the full number).

>
>[Oh yeah... I know that really shouldn't be directed to you malxnder]
>
>Anyways, let's all be dirty old men, siting quietly in our closets till
>Mr. Roberts comes and takes it away...
>
>I am ONLY one in 250,000,000... don't give me so much power.

I've stayed out of this until now:

As a longtime owner of guns, cars, and scanners, all of which
have been repressed over recent decades, I have to say that you,
Mr. 1 in 250,000,000, are the single biggest contributor I've
seen towards fueling further repression. There was no GOOD
reason for you to call the white house over what you heard.

All it did was rub their noses in another thing they need
to repress.

Thanks for nothing pal.

Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

The Constitution of the United States: R.I.P, 9/13/94
(the day Bill Clinton signed the Crime Bill)

4444. Re: Air Force Dogfights over Central PA!

Newsgroup: rec.radio.scanner
Date: 1994-10-26 22:13:08 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CyAwDx.Axo@freenet.carleton.ca>
Source record: 266662
Cross-posted to: rec.radio.scanner,rec.aviation.military,alt.radio.scanner

In a previous article <mclin-2010941136190001@maci54.bucknell.edu>, john henry mclin wrote:

>Recently, I traded in my Pro-51 scanner for an upgrade to the Pro-43
>mainly to tune in to the 225-400MHz military band. I live about an hour
>north of Harrisburg, PA, and about 150 miles from the nearest military
>installation in Willow Grove, PA, so I never really expected to hear
>anything more than an occasional aircraft (or space shuttle) passing
>through our airspace. However, last night I was pleasantly surprised to
>learn there's more activity than I thought there would be here.
>
>As I was searching across the band last night (using a 1/4 wave ground
>plane antenna 15 feet above our house) my Pro-43 unexpectedly stopped on
>301.6MHz with a strong signal. I immediately hit the monitor button and
>listened to the action unfold. Apparently, there were three fighter
>aircraft (type unknown) in our airspace last night conducting dogfight
>simulations. They identified themselves as Bromo One, Bromo Two, and
>(that's right) Bromo Three. A fourth voice was also heard, and this
>person would instruct the pilots during these drills. For instance, he
>would instruct Bromo Three to leave a designated air space, and he would
>then instruct Bromo One to act as a target aircraft at 17K feet on a
>defined heading while Bromo Two would pursue this aircraft and attempt a
>"kill." Once all the instructions were given out and the drills got
>underway, radio silence was maintained, and I assume the whole thing was
>watched by radar. Then an announcement would be made: "that's a kill."
>Pretty interesting stuff. Heard about a half-hour's worth before they
>decided to call it a day and cleared a flight corridor to Harrisburg, then
>back to Andrews AFB. BTW, at one point they lost radio contact with Bromo
>Three, so they switched to 259.4MHz and resumed the action.

FREQUECIES FOR NORTH-CENTRAL PA

Greetings from Canada's capital, in the Great White North at
Ottawa. Regarding your report of fighters in your area, they may
have been F-16's based at Andrews AFB with the DC Air National
Guard. You may have got lucky and stumbled on a tactical
frequency. Here are some UHF and VHF frequencies that may turn up
more military aircraft in your area: The Kiowa Military Operating
Area is located a few miles SW of Ravine, co-located with R-5802.
Listen on 237.2 or 232.7 for National Guard helos calling Balky.
You may be able to pick up aircraft in the Duke MOA east of
Bradford and west of North Fork, stretching south for about 40
miles, depending on terrain and your antenna location. As far as
freqs for this area, we drew a blank.

A few miles south of Ravine is Muir Army Airfield. Listen on 49.95 FM for NG Ops, and 40.9 for flight following. Generic Flight Service for military aircraft is 255.4. Make sure to monitor the VHF FSS freqs for nearby civilian airports, they may be providing service to military flights. Williamsport is on 114.4, 122.1, 122.2, and 122.65. These are also generic freqs common to many smaller airports.

Check out Harrisburg Airport for the PA ANG EC-130's on 395.1. Also listen to Appr/Dep Ctl on 126.45, 379.8, 124.1, 339.3, 118.25 and 247.2. For higher-altitude aircraft, check out NY Center on 118.45 & 319.9, as well as WA Center on 132.525 & 287.9. From time to time you may hear A-10's from the Maryland ANG at Martin State going overhead on their way to Ft. Drum, NY.

Some frequencies that may yield some tanker aircraft (and the receiver aircraft): 276.5, 235.1, 348.9, 282.7, 284.6, 283.9, 306.3, 317.4, 363.1, 288.3. Cleveland Center may hold some listening on 126.425, 338.3; there are plenty more, again depending on your location and antenna. Keep listening. You may be surprised at how much is actually out there. Cheers.

Cheers,

Terry Martin,
Editor
Newsletter of:
National Capital Air Show Association

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

4445. Re: Exploring the Internet (QST)

Newsgroup: rec.radio.scanner
Date: 1994-10-26 22:15:05 UTC
From: mc@shore.net
Message-ID: <38mkd9$c6i@shore.shore.net>
Source record: 266632
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.scanner,rec.radio.shortwave

In article <38m73s$jut@narnia.ccs.neu.edu>,
Scott Ehrlich <scotte@ccs.neu.edu> wrote:
>
>Greetings!
>
>I have written a published article in the ham radio magazine QST
>(published by the American Radio Relay League) on ham radio and the
>Internet. The whole series is called "Exploring The Internet-Part x"
>where 'x' is one of the parts shown below:
>
>
>If you miss the series, don't have access to QST, or simply want
>reprints, here is the information (provided by Steve Ford):
>
>Article copies are $3 per article. The contact person is:
>
>Bridget DiCosimo
>Technical Department Secretary
>ARRL
>225 Main St
>Newington, CT 06111
>
Why don't you just post the articles in this newsgroup?

73,

Michael KH6KD/W1
mc@shore.net

4446. Full Disclosure Live & IRC

Newsgroup: rec.radio.scanner
Date: 1994-10-26 22:38:25 UTC
From: fd@wwa.com
Message-ID: <38mlp1$o19@sashimi.wwa.com>
Source record: 266657
Cross-posted to: alt.2600,alt.privacy,comp.org.eff.talk,rec.radio.scanner,rec.radio.shortwave

Full Disclosure Live carried world-wide on WWCR shortwave, 5,065 khz, sundays at 7pm (central), tried an experiment last week, and we decided to make it a regular thing.

Will Dwyer (co-host), was live in IRC ch #fulldisclosure to bring more feedback and input to the program.

So, tune in, sign on, and see how well as Beverly Hills attorney (Will) can type, read and talk on the radio all at once... make sure to bring a lawyer joke or too....

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback?
email for uuencoded .TIF of T-Shirt Honoring the FBI
Remember, fd _IS FOR_ Full Disclosure!

4447. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-26 22:42:33 UTC
From: Jonah Seiger <jseiger@eff.org>
Message-ID: <38mm0p$66@ftp.eff.org>
Source record: 266658
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <crispCyAEuu.D50@netcom.com> Richard Crisp, crisp@netcom.com writes:
>
>I am concerned that those that think the right way to combat this
>new attack on our personal liberties is to encrypt everything may
>actually hasten the introduction of such despised legislation.
>
>If you recall in the earlier Edwards/Leahy draft of the Digital Telephony
>Bill, there was a provision for the government to log the number of
>times uncrackable encrypted comms were discovered in the process
>of executing wiretaps.
>
>It is clear they want to build a case that the use of crypto is widespread,
>is interfering with their ability to execute wiretaps (both legal and
>illegal ones), and consititutes a public nuisance.

Actually, the provision in the Edards/Leahy Draft was there for
just the opposite reason.

This provision was offered by a House Staffer who really *hated* clipper.
He offered that provision with the belief it would reveal that
very few wiretaps revealed uncrackable encryption -- providing
further evidence against a need for gvt. escrowed encryption
schemes (read Clipper).

It was left out of the final bill because the staffer changed his
mind after he became concerned that the FBI would keep the results
of the logs classified and, no matter what they actually showed, would say
that there was a lot of unbreakable crypto interfering with
their ability to wiretap. He did not want that provision to become an
excuse for imposing an escrowed encryption standard.

Thought some of you'd find that interesting.

4448. Re: No Mods needed really!

Newsgroup: rec.radio.scanner
Date: 1994-10-26 22:58:57 UTC
From: gdallal@world.std.com
Message-ID: <CyAyI9.Hx3@world.std.com>
Source record: 266641

skew (alacy@skew.com) wrote:
: Here's a good thing for all you non-technical people. If you have a scnner
: with the 868-896Mhz range blocked, you can still pick up cell freqs! Cellular
: One does not use those freqs! Those are reserved for mostly Ma-Bell and
: affiliates. For example, southwst bell, us west, etc... So just search the
: areas around the blocked freqs and you should be good to go!

Yup. If you've got a cheap scanner, you can go searching for images.

4449. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-10-26 23:04:16 UTC
From: gdallal@world.std.com
Message-ID: <CyAyr4.JEE@world.std.com>
Source record: 266642
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Richard Crisp (crisp@netcom.com) wrote:
: Of course if the Lame Duck session our President
: has proposed for after the elections comes to pass and produce additional
: unreasonable bills, you can bet this loyal soldier will be telling it
: as it is so as to rally the net to taking appropriate action.

I, for one, *want* to hear about restrictive and unreasonable bills
(without running politcal commentary, though).

4450. Re: Nickel Metal Hydride AA Cells?

Newsgroup: rec.radio.scanner
Date: 1994-10-26 23:28:18 UTC
From: schuster@panix.com
Message-ID: <38momi$18c@panix3.panix.com>
Source record: 266647

In article <10251994114716um@g0gku.demon.co.uk>,
Henry Brugsch <henry@g0gku.demon.co.uk> wrote:
>Re. NiMh cells? Is this the same as the "Renewals" I have seen at places
>like "Service Murchandise" in the states?

No, Henry; the Renewals are specially-designed manganese alkaline cells.
They a slight bit of capacity compared to "regular" alkalines in return
for very little gas generation during recharging.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4451. Re: Does anyone have anything good to say amout the Maruhama RT-618?

Newsgroup: rec.radio.scanner
Date: 1994-10-26 23:31:31 UTC
From: schuster@panix.com
Message-ID: <38mosj$1b3@panix3.panix.com>
Source record: 266648

In article <391219872wnr@phoenixs.co.uk>,
Gary Smith <gary@phoenixs.co.uk> wrote:
>Just out of interest, does anyone own a Maruhama RT-618 and like it?

I had one to try for couple of days, courtesy of an extraordinary scanner
dealer who lurks in these parts.

You don't want one. Poor performance, poor operating controls and firmware.
On the plus side, the picture of the radio outside the box is nice.

>How does it compare with a Pro 43 or a Yupiteru 7000 or the AOR
>equivelent?

Not even in the same class.

>The reason I ask is that I have the option to buy one for 200ukp
>through a private sale. It nromally costs 299ukp.

I'd pass it by.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4452. Re: Yupitera MVT-7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-26 23:45:33 UTC
From: adn6285@ritvax.isc.rit.edu
Message-ID: <1994Oct26.234533.16079@ultb.isc.rit.edu>
Source record: 266653
Cross-posted to: rec.radio.scanner,nj.market.misc,ny.forsale

>
>It was a case of having recently had the "pleasure" of reading some sh*t about
>how we can not listen to cellular and cordless because it's against the law.
>That was THE WORST reason I had ever read. I do it all the time, as does about
>everyone I know. There is NO reason to obey the crummy piece of paper some
>idiot in DC signed. It simply infuriated me. It's not like they encoded some
>digital key (by signing that crummy paper) that prevents scanners from
>listening in. The scanners still scan those regions, can still be bought, and
>I know of not ONE person who quit "because it is against the law".
>
>I know - no "law" will stop me.
>

Not to discuss the etics of breaking the laws in general (hey, we all drive a
little faster than 55 for example), there is no way I can condone you listening
on to a PRIVATE cellular or cordless phone conversation. That is unethical any
which way you look at it.
Mike.S

4453. Re: 855xlt

Newsgroup: rec.radio.scanner
Date: 1994-10-26 23:53:26 UTC
From: sbradley@sgb.oau.org
Message-ID: <CyB115.H11@sgb.oau.org>
Source record: 266672

Bob Grattan (bgrattan@s850.mwc.edu) wrote:
: Are the cellular freqs. 100% restorable on this scanner? Is it a good
: buy for the money?

: Thanks.

I know the instructions are out there for the earlier model of the 855,
and the November MONITORING TIMES in the back section has the mods for
the newer 855. Yes, it is!

Seems Grove has returned to the interests of the enthuiasts, I have seen
renewed interest in supporting us for the past several months. Big
improvement there Bob!

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

4454. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-27 00:34:47 UTC
From: jb_ferguson@pnl.gov
Message-ID: <38msj7$oa0@bbs.pnl.gov>
Source record: 266665
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

In article <36su2h$1fm@nic-nac.CSU.net>, g9153402@huey.csun.edu (Berton Corson) says:
>
>merlin (merlin@neuro.usc.edu) wrote:
>> I seem to recall a few years ago California passed a law requring vendors
>> of cellular telephones to sell their phones to customers who do not want
>> their phones activated for the advertised price + the rebate from the cell
>> telephone company.

(Stuff Deleted)

>The name of the bill that you are refering too, that prevents
>cellular retailers from bundling cellular service with an onerous
>cellular plan (in California) is the Connelly Bill (AB 275).

All this sounds like good ole mama and papa government
sticking its nose where it doesn't belong. Namely, interfering
with good old free enterprise. I do not see anything wrong
with offering a good price for a phone in a package deal.
If someone doesn't like it, WHO CARES, he can go somewhere
else to do businees. That whats great about free enterprise. I
try to attract you as a customer and you are free to choose
who you do business with. The fact that there is a law against
this practice is surprising. Not as much so when you realize
that the law was inacted in California.

When government has completely regulated all businesses, guess
who will be next. Look out behind you it may be YOU.

--Bryan - Freedom Fighter

4455. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-10-27 00:38:05 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <CyB33H.8zv@news.Hawaii.Edu>
Source record: 266674
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Rich: There *are* political newsgroups just waiting for your posts.
There are computer encryption groups just waiting for your posts.
Folks who are interested in your articles can read them there.
The point of my posts to you are to just ask you to post short-
wave related articles. But let's make a deal: What ever
root@netcom.com decides in this matter we will abide by.
Agreed?
Oh, I get letters, too, saying ``you're right - it's gotten
too noisy''.

Jeff

4456. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-27 00:43:51 UTC
From: crisp@netcom.com
Message-ID: <crispCyB3D3.8Dq@netcom.com>
Source record: 266663

In article <38lppr$eq6@sashimi.wwa.com> fd@wwa.com (Glen L. Roberts) writes:
>
>If we are delighted with what we hear on a scanner... shouldn't EVERYONE
>listen in... or is only exciting because only one in twenty has a scanner
>and probably only 1 in 20 of those... listen to our "good stuff?"
>
>Isn't keeping scanning hush hush... actually making us "better" than "them,"
>because we "know" and they "don't?"

All keeping the information to yourself does is:
1) prevents you from violating the law which prohibits disclosure
2) prevents the "target" from being aware that information is
being intercepted, which keeps the faucet turned on so to
speak.
3) prevents the "target" from being publically embarrassed and
therefore forces them to try to do something about it.

There are obviously lots of reasons not mentioned above, but you get the
general flavor.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4457. Re: Exploring the Internet (QST)

Newsgroup: rec.radio.scanner
Date: 1994-10-27 00:46:57 UTC
From: scotte@ccs.neu.edu
Message-ID: <38mta1$lvd@narnia.ccs.neu.edu>
Source record: 266656
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.scanner,rec.radio.shortwave

In article <38mkd9$c6i@shore.shore.net>, Michael Crestohl <mc@shore.net> wrote:
>In article <38m73s$jut@narnia.ccs.neu.edu>,
>Scott Ehrlich <scotte@ccs.neu.edu> wrote:
>>
>>Greetings!
>>
>>I have written a published article in the ham radio magazine QST
>>(published by the American Radio Relay League) on ham radio and the
>>Internet. The whole series is called "Exploring The Internet-Part x"
>>where 'x' is one of the parts shown below:
>>
>>
>>If you miss the series, don't have access to QST, or simply want
>>reprints, here is the information (provided by Steve Ford):
>>
>>Article copies are $3 per article. The contact person is:
>>
>>Bridget DiCosimo
>>Technical Department Secretary
>>ARRL
>>225 Main St
>>Newington, CT 06111
>>
>Why don't you just post the articles in this newsgroup?
>
>73,
>
>Michael KH6KD/W1
>mc@shore.net
>

First, that would by copyright infringment. Second, I want people to
actually read the article in the magazine or as a reprint. There are
some nice examples and sidebars you would be missing if it were posted here.

Neither I nor anyone else can stop someone from doing this, but I
certainly won't.

Believe me. The series is worth reading in the magazine or in reprint form.
The responses I've already received have proven that point.

73,
Scott

--
Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
Ham Radio and More: http://www.acs.oakland.edu/barc/ham-more/ham-more.html

4458. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-27 00:53:06 UTC
From: malxndr@aol.com
Message-ID: <38mtli$jva@newsbf01.news.aol.com>
Source record: 266659

You want to keep scanning, totin' guns, and carrying on in whatever fashion the Constitution says you can, then you gotta be willing to stand up and fight. The fact is, too many people ought there want to take away our individual rights and if we sit back and do nothing, they'll just have an easier time of it. As far as I'm concerned, the ariwaves are mine, especially those that come into my house. This is not about being a peeping Tom, peering through the window slats as Lady Godiva rides down the street. This is about Lady Godiva parading around in by yard, coming uninvited into my house, sitting down butt naked on my couch and coyly saying, "Don't look at me." The issue is that we ought to have the right to listen to anything and everything. If you don't want to be overheard, whisper, encrypt or don't say anything you don't want to see in tomorrow's paper. We need to stick up for our rights and that unfortunately requires talking about what it is that we want to do.

Michael Alexander
Nils Carborundum

4459. Re: Please Use rec.radio. - BUZZ OFF !

Newsgroup: rec.radio.scanner
Date: 1994-10-27 01:03:44 UTC
From: kjn@netcom.com
Message-ID: <kjnCyB4A9.LEq@netcom.com>
Source record: 266664
Cross-posted to: alt.radio.scanner,rec.radio.scanner

From a previous whiney post....
" > "If you are posting to alt.radio.scanner, please post to
" > rec.radio.scanner
" > so that we can eliminate alt.radio.scanner and have one scanner
" > newsgroup.
" > Thankyou for your cooperation.
" >
" > It is just better to have one newsgroup!
" >
" > tbakken@scs.unr.edu

ptiming@sunyboard.org says:

" Sheez, what a bunch of inconsiderate, stuck up losers you guys are...

" Did it ever occur to you that some of us might not have ACCESS to rec.radio
" .scanner?????????

Sorry, PT. The point has been made ad nauseum...
The main criticism has been that they're (whine) just too busy to read both groups so they (the net cop geeks) want to remove your ability to get scanner related info.

These folks are probably very disturbed by the gov'ts action to limit the ability of people to listen to specific blocks of frequencies but they want to restrict *your* access to scanner related info by coercing people to abandon a perfectly useful newsgroup. Seems bit inconsistent doesn't it. However, logic sometimes is just beyond the grasp of some individuals.

It's seems that the concern over excessive use of bandwidth might be a point of discussion *IF* you're a site manager. As a net user (and a newbie at that...) the people who advocate the abandonment of Alt.Radio.Scanner show a considerable lack of understanding about the politics of a freedom of choice regarding newsgroups.

The ultimate control of newgroup use rests with the readers of the groups, not with the posters. If you wish to unsubscribe to a group please feel free to to so. Other than that, please - BUZZ OFF!

Or, maybe you're just a politician in training. Testing your ability to make decisions for others.

Anyway, PT. I second your salutation with a hearty SHEESH!

regards;

--
Ken Navarre

4460. FAQ ??

Newsgroup: rec.radio.scanner
Date: 1994-10-27 01:05:43 UTC
From: keehuat@kits.sfu.ca
Message-ID: <keehuat.783219943@sfu.ca>
Source record: 266660

Hi,

I was wondering if there is a FAQ for any of the *radio* newsgroups.
I'm really interested in learning about HAM and radio stuff. Are there
any good books around for that ? Can anyone please give me a brief
introduction to this entire concept ? :-) Thanks for trying.

Kee

4461. Re: 800 Mhz Block Converters Still Legal?

Newsgroup: rec.radio.scanner
Date: 1994-10-27 01:21:55 UTC
From: davidm@iglou.com
Message-ID: <p2mhkK7gXTyU073yn@iglou.com>
Source record: 266670

In article <38ke38$qtc@jupiter.planet.net>,
billsohl@earth.planet.net (Bill Sohl Budd Lake) wrote:

> David Michael Moore (davidm@iglou.com) wrote:
> : [Regardless of what else I do this week, I've GOT to get that FAQ ready to go
> : out...]
>
> That is definetly needed. An FAQ should also contain the exact wording
> of the scanner bas, the ECPA listening ban and the new cordless ban.

Printing the exact working of the cordless ban would be useless, since it consists almost entirely of phrases like "remove the words following dah dah dah dah in Title XX Section XXXX, and replace them with blah blah blah".

I figure the easiest way to handle it is just pull out the appropriate sections of the ECPA, and then go through them with a word processor and make the changes that are forced by the digital wiretap act. The only thing I'm waiting for before I do this is for Slick Willie to sign the damned bill. Since he has yet to sign it, technically there is no cordless ban at the present time.

David
davidm@iglou.com

4462. Re: Bearcat 8500 for sale...cheap

Newsgroup: rec.radio.scanner
Date: 1994-10-27 01:39:53 UTC
From: "Steven W. Weinstein" <73327.3472@CompuServe.COM>
Message-ID: <38n0d9$b2d$1@mhadg.production.compuserve.com>
Source record: 266661

Damark catalog has them for $349 new minus 10% for members. So
they are about $315 new.

4463. Re: CORDLESS SCANNING OUTLAWED

Newsgroup: rec.radio.scanner
Date: 1994-10-27 01:46:24 UTC
From: sbradley@sgb.oau.org
Message-ID: <CyB69D.I6H@sgb.oau.org>
Source record: 266673

Richard Crisp (crisp@netcom.com) wrote:
: In article <Cy4Mt5.C99@sgb.oau.org> sbradley@sgb.oau.org (Steven Bradley) writes:
: >So, boneheads in DC, let's face it. You make a crummy law, everyone IGNORES
: >it, what are you going to do about it? Not much except whine like a legal

: One thing they can do and most likely will do is to ban the type certification
: of equipment that is capable of being used to break the law. This is
: what the 1992 scanner ban was about.

... and there has not been ONE none-FCC type accepted scanner prevented from entering the US from foreign ports. It is legal to import for purpose of storage and possession, but not to use it unless you take it outside of the US and it's territories. This is why the US Customs will not prevent their arrival. There are other exceptions, one of the most notable is that some companies say "for industrial/commercial applications". Guess what, with a business like sounding name in the right area (such as cell-tel service inc) they will sell you whatever you want "thinking" you are an authorised buyer. Just have it shipped COD to avoid a credit check delay and pay with a money order. Works great! I think EEB or someone was offering this option quite recently.

In any event, I can walk through the loopholes they left in the import ban, they are that big, and if they sew them up, they would not be able to buy any themselves! Not to mention, its no biggie to get one from Canada to the US across the border, since there is the NAFTA thingy, they are much less concerned of what a person is carrying in terms of personal stuff. As long as the drug doggie does not wag for you, you're clean... they have not yet trained the drug doggies to sniff for cellular/cordless capable scanners! :)

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

4464. Re: Flying with scanners? (reg quoted)

Newsgroup: rec.radio.scanner
Date: 1994-10-27 01:50:35 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.166.0013D874@chevron.com>
Source record: 266536

In article <38kn75$d1u@satisfied.elf.com> msattler@jungle.com (Michael Sattler, San Francisco) writes:
>In article <25852KEKCSNJSMBCODA@sunyboard.org>
>tbrutus@sunyboard.org writes:

>> If you're travelling by air, it's expressly forbidden to listen to a scanner
>> or any elecronic radio device while the flight is in progress. Something
>> to do with scrambling of the transmission of signals from the plane to the
>> control tower. How true that actually is I'm not sure. Amtrak or Greyhound is
>> no problem as long as you have earphones, so it won't disturb anyone else.
>> Check into this with the airlines, and if you hear anything, please email
>> me with anything you hear. I'm interested in what they (airlines) would say.

>Pardon my bluntness, but this is bullshit. The only thing forbidden
>are devices that intentionally emit electromagnetic energy. Cellular
>telephones (which emit once per second even when you're not talking),
>the PTT button on your HT, etc. Passive devices are permitted by law
>and at the descretion of the pilot on duty. The airlines have instuted
>an almost across-the-board stricture against using anything, passive or
>active, during take-off and landings, but that's it. Sorry for the
>vitriol, Tom, I feel better now.

Regarding "bullshit": Please refer to the following Federal Aviation Regulation. Part 91.21.

(a) Except as provided by paragraph (b) of this section, no person may operate, nor may any operator or pilot-in-command of an aircraft allow the operation of, any portable electronic device on any of the following U.S.-registered aircraft:
(1) Aircraft operated by the holder of an air carrier operating certificate or operating certificate; or
(2) Any other aircraft while it is operated under IFR.
(b) Paragraph (a) does not apply to-
(1) Portable voice recorders;
(2) Hearing aids
(3) Heart pacemakers
(4) Electric shavers
(5) Any other portable device that the operator of the aircraft has determined will not cause interference with the navigation or communication systems of the aircraft on which it is to be used.
(c) In the case of an aircraft operated by a holder of an air carrier operating certificate or an operating certificate, the dtermination of required by paragraph (b)(5) of this section shall be made by the operator of the aircraft on which the particular device is to be used. In the case of other aircraft, the determination may be made by the pilot-in-command or other

operator of the aircraft.

There you have it. The airlines, by regulation, determine what kind of portable electronics can be used on their airliners. They are responsible for the safe operation of their aircraft. Note that the airline company is the "holder of an air carrier operating certificate". Scanners are expressly forbidden under 91.21(a) unless the airline has DETERMINED that it is not a problem and falls under 91.21(b)(5). Paragraph (c) makes THEM RESPONSIBLE for the determination. It's not a pilot-in-command call to make scanner exceptions on an airliner if the company has already said no to scanners.

There is no definition of "passive" or "active". For the purposes of harmful interference, any electronic device can have emmissions (receivers have measurable emmissions - some more than others.)

For those of you not familiar with some other related rules and regs:

Amateur radio operation on board an aircraft is restricted by FCC Rule 97.11 and FAR 91.21 (above).

Cellular telephones may NOT be used on board an aircraft while airborne per FCC Rule 22.913. While on the ground their use is subject to FAA regulations and other applicable FCC rules.

You might want to file this one for the next time you fly or someone askes you about taking a scanner on a plane.

Now sit back, relax, and enjoy your flight.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

4465. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-27 02:51:20 UTC
From: O1EVERT@VM1.CC.UAKRON.EDU
Message-ID: <1705B1416BS86.O1EVERT@VM1.CC.UAKRON.EDU>
Source record: 266668

In article <38lpl1$elp@sashimi.wwa.com>
fd@wwa.com (Glen L. Roberts) writes:

>NO, the One Person Can't Make a Different is attribution to the common bitch
>people have with the political system in this country... also expressed as
>"you can't fight city hall and win."

True. But if these same people would bitch about the way their government
is run (city, state and federal), things would change. When was the last
time some person in the government pi**ed you off? When was the last time
some government action, law or policy pi**ed you off?

What did YOU do? Did you vote against this person in the next election?
Did you take time to write and express your disapproval or let them know
your ideas on the matter?

If enough "One Persons" tried these SIMPLE things (instead of just bitching)
something just might change.

I always thought that the USA was supposed to be government BY the people -
NOT government AGAINST the people! WE the people must blame ourselves for
the mess we are in.

4466. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-27 03:06:13 UTC
From: fd@wwa.com
Message-ID: <38n5f5$eu9@sashimi.wwa.com>
Source record: 266666

Richard Crisp (crisp@netcom.com) wrote:
: In article <38lppr$eq6@sashimi.wwa.com> fd@wwa.com (Glen L. Roberts) writes:
: >
: >If we are delighted with what we hear on a scanner... shouldn't EVERYONE
: >listen in... or is only exciting because only one in twenty has a scanner
: >and probably only 1 in 20 of those... listen to our "good stuff?"
: >
: >Isn't keeping scanning hush hush... actually making us "better" than "them,"
: >because we "know" and they "don't?"

: All keeping the information to yourself does is:
: 1) prevents you from violating the law which prohibits disclosure
: 2) prevents the "target" from being aware that information is
: being intercepted, which keeps the faucet turned on so to
: speak.
: 3) prevents the "target" from being publically embarrassed and
: therefore forces them to try to do something about it.

: There are obviously lots of reasons not mentioned above, but you get the
: general flavor.

That wasn't my point. If we like listening to stuff on a scanner, we
should encourage EVERYONE else to do the same. But someone, we feel
special, because we hear stuff others don't. We feel special, better,
than everyone else. So, we better not let anyone else know what we
can hear, cause then the fun might go away.

Everyone is acting like it's a big secret... but its not.

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback?
email for uuencoded .TIF of T-Shirt Honoring the FBI
Remember, fd _IS FOR_ Full Disclosure!

4467. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-27 03:12:50 UTC
From: scottcy@ripco.com
Message-ID: <CyBA9F.GD3@rci.ripco.com>
Source record: 266669
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.tal

Glen L. Roberts (fd@wwa.com) wrote:
: Richard Crisp (crisp@netcom.com) wrote:
: : We all knew it was coming, here it is:

: : Washington, DC -- If private encryption schemes interfere with
: : the FBI's ability to wiretap, they could be outlawed, according
: : to recent comments made by the agency's Director Louis Freeh.
: :

I'd like to suggest a good cryptography reference (sorry if this has been posted already)...
Applied Cryptography, Bruce Schneier, ISBN 0-471-59756-2, John Wily & sons

The forward gives a nice history of encryption and how it's been suppressed until recent years, gives descriptions of cryptographic protocols for everything from playing poker to electronic money, and gives explanations and source code for many publicly known encryption algorithms (including RSA and DES) as well as discussion of which have been broken, and the likelyhood of particular encryption methods being broken by brute force attack over the next few million years.

Outlawing cryptography will be pretty darn difficult considering that the knowledge is available to the public legally today, DES or any other algorithm can be strengthened with longer keys to the point that the NSA could never crack them (as far as any cryptographic researchers know), and the main reason why it would be difficult to outlaw is... large corporations depend on cryptography for secure electronic banking, discussing trade secrets, etc., and it will be a major part of the whole darn Global Economy.

As always, any programmers awesome at any Assembly and C, please read my .sig.
Scott Corley
--
High Voltage Software 708-364-9597 FAX
SNES Genesis 32X Jaguar Saturn Playstation hvoltage@vpnet.chi.il.us
Game, software, music design/development. Programmers wanted: fax/email

4468. Cordless Phone And False

Newsgroup: rec.radio.scanner
Date: 1994-10-27 04:18:00 UTC
From: darwin.teague@exnavy.esnet.com
Message-ID: <249.1820.352.0ND9E856@exnavy.esnet.com>
Source record: 266478

DS>I did get such a call earlier this evening, and have since
DS>unplugged the cordless phone. If the calls continue now, logically,
DS>I can eliminate the cordless idea.

DS>Other possibilities? Am I on the right track suspecting the
DS>cordless phone as the culprit in this scenario? - Dave

I had one that did this. The tip off for me was that only the HANDSET
rang. If the base is ringing, I'd rule out the cordless as the culprit.
--- JCQWK

4469. Re: Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-10-27 04:19:47 UTC
From: danm@pnw.net
Message-ID: <38n9p3$dpb@cascade.pnw.net>
Source record: 266671

In article <Cy71y4.Jsy@cix.compulink.co.uk>,
Kevin Wright <kevwright@cix.compulink.co.uk> wrote:
>I just bought a Tandy PRO-43 on impulse today, and it seems quite good,

>I have a 14 day no quibble money back on this, so what do you all think?

Kevin,

Keep it! Dollar for dollar there is not a better handheld scanner
out there. You can pay more for wider freq coverage and a few more bells
and whistles, but this one is a good choice. It is stabel and relatively
immune to overload and images. I've a few others, but this is my regular
standby handheld. Get something more exotic as your second scanner. This
one will do very nicely as a day to day rig. Very dependable.
--
==========
+ Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ...+
+ Auburn, WA | and whoever is playing against the New York Mets! +
+ GEnie:D.MORISSEAU |INTERNET: danm@pnw.net (pref) OR danm@prostar.com +

4470. pro-34 or AOR AR1000XLT ?

Newsgroup: rec.radio.scanner
Date: 1994-10-27 04:29:21 UTC
From: shawr@netcom.com
Message-ID: <shawrCyBDsx.Koq@netcom.com>
Source record: 266525

Hi all,

I am new to the scanner world and am wondering which scanner
is better. I already heard all the plus side of the pro43, but havn't
heard anything about AR1000XLT. From the ad, it seems to be a good
scanner that without gap. So, my question is how does it compare to
the pro-43 in all aspects? Thanks for any info.

-- Rich

4471. Re: change that CHP to Sacramento County Sheriff

Newsgroup: rec.radio.scanner
Date: 1994-10-27 04:51:48 UTC
From: RedFive@ix.netcom.com
Message-ID: <38nbl4$9te@ixnews1.ix.netcom.com>
Source record: 266526

In <brett_miller.518.000E2271@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>
>
>You could buy a block converter that converts 800MHz freqs to the 400MHz range
>(attaches to the antenna input), or you can buy a new scanner.
>

Where can I get one? Are there any laws against their use in CA?

Thanks for the help!! :D :)

--
/ * _____ \ * . *
* / / ___ \ . \ . Red Five Standing By.... *
|----| /_|_\ |----| * . *
|----| _|_/ |----| . redfive@ix.netcom.com . *
. \ * \o___o/ / .
\ . * / * . Eric Kloss * * .

4472. what/who uses 800Mhz?

Newsgroup: rec.radio.scanner
Date: 1994-10-27 04:54:40 UTC
From: RedFive@ix.netcom.com
Message-ID: <38nbqg$9u7@ixnews1.ix.netcom.com>
Source record: 266527

What or who uses 800Mhz? And a converter would let me listen in?

Thanks
--
/ * _____ \ * . *
* / / ___ \ . \ . Red Five Standing By.... *
|----| /_|_\ |----| * . *
|----| _|_/ |----| . redfive@ix.netcom.com . *
. \ * \o___o/ / .
\ . * / * . Eric Kloss * * .

4473. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-27 06:36:58 UTC
From: ashe@snugbug.cts.com
Message-ID: <1994Oct27.063658.13720@snugbug.cts.com>
Source record: 266548
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

Tog (jflint@ic.sunysb.edu) wrote:
: In article <7yFhkiubGgu8066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:

: >Chances are very good that if you start to encrypt all your transactions
: >this will attract attention to yourself and the government will make you
: >one of the 5,000,000 + Americans that were wire tapped in 1993
: >(these are Dept. of Justice figures).

If we all act like brothers and sisters, we'll encrypt _every_ private
message. If we bury them in volume, they'll have so many "suspects"
they'll have to adjourn in search of better game. There are precidents...
I believe it was the royal family of Sweden who, when the Nazis ordered
all Jews to wear the Star of David on their coats, appeared in public
with the emblem on their own clothing. Many of their gentile subjects
followed suit. A lot of good things can be learned from history...like
what methods tyrants have tried before, and what has made life difficult
for them.

"The tree of liberty must be refreshed from time to time
with the blood of patriots...and tyrants." PH

S.

4474. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-10-27 06:40:40 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <CyBJvt.DxI@news.Hawaii.Edu>
Source record: 266528
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

gdallal@world.std.com (Jerry Dallal) writes:

>Richard Crisp (crisp@netcom.com) wrote:

>: Of course if the Lame Duck session our President
>: has proposed for after the elections comes to pass and produce additional
>: unreasonable bills, you can bet this loyal soldier will be telling it
>: as it is so as to rally the net to taking appropriate action.

>I, for one, *want* to hear about restrictive and unreasonable bills
>(without running politcal commentary, though).

That's because you have a .com account and don't have to pay by
the article. I would like to read about shortwave, and cookie
recipes - shall we combine those two topics on here, also?

4475. PRO-2004

Newsgroup: rec.radio.scanner
Date: 1994-10-27 08:31:14 UTC
From: David Stone <David.Stone@f747.n115.z1.fidonet.org>
Message-ID: <783228674@f747.n115.z1.ftn>
Source record: 266339

I've had this scanner for years. The entire time I've had it I've used the antenna that came with it. Should I invest in something different or does this one do the job as well as any?

4476. Re: Public Apology

Newsgroup: rec.radio.scanner
Date: 1994-10-27 09:04:16 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.153.00091279@cornell.edu>
Source record: 266535
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

>No, I am not trying to play net-cop; I'm just pointing out that
>you're wasting people's money and you don't have the right to do that.

>Jeff NH6IL

>NNNN
sure as hell sounds like you are trying to play net cop to me. Let Rich
speak and no apologies necessary.
carl;
Carl (ex-jarhead) Semper Fi
"To those who fought for it, freedom has a flavor
the protected will never know"
unknown Marine; Khe Sahn, Viet Nam

4477. Re: Yupiteru 7100 Manual Needed

Newsgroup: rec.radio.scanner
Date: 1994-10-27 10:51:21 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <783255081snz@javiaton.demon.co.uk>
Source record: 266433

In article <1217@wtc34a.DaytonOH.NCR.COM>
blangos@wtc34a.DaytonOH.NCR.COM "Bruce Langos" writes:

>
> I purchased a Yupi 7100 and need the manual. Someone said it was posted
> somewhere. Can anyone point me in the right direction.
>
> Thanks

You will find a text copy of the manual I wrote on in the
Hamnet Scanning Library on CompuServe.
I don't think its anywhere on the Internet though.

If anybody wants it I'll put it on my local FTP server - let me
know.

Hard copies are also available :-)

--
Cheers,
/--\
Jonathan Clough,	AOR - Alinco - Camnis - Commtel - Bearcat -
Javiation,	Fairmate - Icom - Sony - Lowe - Realistic -
Bradford, UK	Signal - Tandy - Uniden - Yupiteru & Others
\---
Compu$$erve: 100117,535
Internet: Clough@javiaton.demon.co.uk
\--/

4478. mod

Newsgroup: rec.radio.scanner
Date: 1994-10-27 11:08:13 UTC
From: heidim@tekgen.NoSubdomain.NoDomain
Message-ID: <38o1mt$nkk@tekgen.bv.tek.com>
Source record: 266529

Heidi

4479. SmartZone trunking?

Newsgroup: rec.radio.scanner
Date: 1994-10-27 11:11:12 UTC
From: an84802@anon.penet.fi
Message-ID: <111316Z27101994@anon.penet.fi>
Source record: 266530

Hello All
I wonder if anyone reading this can help me? I have just read
in a British PMR trade magazine that London's Metropolitan Police have
chosen Motorola's SmartZone trunking system to replace their current
25 year old system of VHF repeaters. The magazine doesn't say much
about SmartZone only that it is an analogue system proprietory to
Motorola.

Does anyone out there know anything more about SmartZone?
i.e Is it a system which changes frequency every time the PTT button
is pressed or does it stay on one frequency during a conversation?

Is SmartZone used anywhere in the USA or is this the first
installation of such a system?

Thanks for your time.

an84802@anon.penet.fi

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

4480. Re: what/who uses 800Mhz?

Newsgroup: rec.radio.scanner
Date: 1994-10-27 11:22:17 UTC
From: mulligan@ACM.ORG
Message-ID: <38o2ha$gs5@hopper.acm.org>
Source record: 266531

RedFive@ix.netcom.com (Eric) asked:
> What or who uses 800Mhz?

From the file fcc.allocations available on oak.oakland.edu:

806 - 896 MHz: FM @ 25 kHz steps (mobile 806-851, base 851-896)
....
851.000 - 854.750 General - conventional
854.750 - 856.000 General - single channels
856.000 - 861.000 General - trunked
861.000 - 866.000 SMR - trunked
866.000 - 869.000 Public Safety - trunked (12.5 kHz steps)
869.040 - 879.360 Cellular Telephone (30 kHz steps)
879.390 - 880.620 Cellular Telephone (data) (30 kHz steps)
880.650 - 893.970 Cellular Telephone (30 kHz steps)
894.000 - 896.000 Aircraft Telephone (6 kHz steps - AM)

4481. Re: Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-10-27 11:28:13 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <783257293snz@javiaton.demon.co.uk>
Source record: 266435

In article <Cy71y4.Jsy@cix.compulink.co.uk>
kevwright@cix.compulink.co.uk "Kevin Wright" writes:

> I just bought a Tandy PRO-43 on impulse today, and it seems quite good,
> but I am wondering what I may be missing by getting one with the gaps in
> the coverage? Is there anything in the gaps?
>
> It covers 68-88, 118-174, 220-512, 806-999.

Ony "real things" you are missing is Wide FM Radio & TV Sound.

You can mod the radio to cover 29-54MHz at the bottom end but its
not really worth doing over here and the RF section is not "tweaked"
for that part of the spectrum but it will work.

Depending on what you want to listen to you might find that the
default increment steps do not allow you to enter the exact
correct frequency. For example in say the 152MHz band we use
12.5KHz channel spacing but the PRO-43 defaults to 5KHz. If you
tried to enter 152.3375 which is used locally to me it would store
it as 152.335 - not the end of the world though.

> The searching through freqs, also does not seem that fast compared to an
> AR2000 that I played with a while back.

You can speed it up with an internal mod but I don't know how
effective it is.

> I have a 14 day no quibble money back on this, so what do you all think?

--
Cheers,
/--\
Jonathan Clough,	AOR - Alinco - Camnis - Commtel - Bearcat -
Javiation,	Fairmate - Icom - Sony - Lowe - Realistic -
Bradford, UK	Signal - Tandy - Uniden - Yupiteru & Others
\---
Compu$$erve: 100117,535
Internet : Clough@javiaton.demon.co.uk
\--/

4482. freqs for newmarket,aurora,richmond hill

Newsgroup: rec.radio.scanner
Date: 1994-10-27 11:47:01 UTC
From: ab409@cfn.cs.dal.ca
Message-ID: <CyBy2E.D07@cs.dal.ca>
Source record: 266532

Hi i visit ONT.ONCE A YEAR AND CANT FIND THE OPP.NEWMARKET,AUROA RICHMONDHILL
POLICE FREQS.I HOPE SOMEONE CAN HELP.
THANKS VE1MUS BARRY

--

```
_________________________________________________
| Barry Hallett Net ab409@cfn.cs.dal.ca |
| Call VE1MUS AX.25 VE1MUS@VE1BBS.NS.CA.NA |
| Grid FN84ii Packet Lan VE1NSD |
|-----------------------------------------------|
```

4483. PRO-43 Modifications

Newsgroup: rec.radio.scanner
Date: 1994-10-27 11:58:33 UTC
From: 5609946@sscl.uwo.ca
Message-ID: <5609946.38.000BFA27@sscl.uwo.ca>
Source record: 266568

Does anyone have a complete list of modifications possible? I am familiar with the most common one, that is, restoration of cellular freqs, but I have heard of others, including the possibility of receiving 400 channels, uploading freqs. via a computer, etc.

Also, if one was going to increase the range of the scanner via a better aerial/anntenna, what would be a good generic one to try (i.e. something that I could pick up at Radio Shack or somewhere common).

Thanks in advance!

5609946@sscl.uwo.ca

4484. Frequency Counters

Newsgroup: rec.radio.scanner
Date: 1994-10-27 12:00:31 UTC
From: 5609946@sscl.uwo.ca
Message-ID: <5609946.39.000C0293@sscl.uwo.ca>
Source record: 266569

What exactly are frequency counters and how valuable are they for the occasionally scanner user? What could I expect to pay for a half decent one and what could I expect it to do?

As you may have guessed, I know little about them and I would appreciate any input from anyone, especially those that actually own one.

Thanks!

5609946@sscl.uwo.ca

4485. Re: Yupitera MVT-7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-27 12:13:24 UTC
From: randolph@est.enet.dec.com
Message-ID: <38ojur$fjo@mrnews.mro.dec.com>
Source record: 266545
Cross-posted to: rec.radio.scanner,nj.market.misc,ny.forsale

In article <1994Oct26.234533.16079@ultb.isc.rit.edu>, adn6285@ritvax.isc.rit.edu writes...
>>It was a case of having recently had the "pleasure" of reading some sh*t about
>>how we can not listen to cellular and cordless because it's against the law.
>
>Not to discuss the etics of breaking the laws in general (hey, we all drive a
>little faster than 55 for example), there is no way I can condone you listening
>on to a PRIVATE cellular or cordless phone conversation. That is unethical any
>which way you look at it.
>Mike.S

Oops, you blew it.

PRIVATE conversations are not broadcast in the clear by high power transmitters at high-elevation sites. For pete's sake people, any old-style TV set with UHF channels going up into the 80s can pick up cellular phones! It's really not that tough to stuble across them on extremely commonplace receivers.

We'll keep hammering on it for as long as it takes: If you want privacy, do not shout out your private communications in a crowded place and then haul everyone who happens to be there into court. We will fight you.

These anti-scanner laws go against common sense, period.

-Tom R. N1OOQ randolph@est.enet.dec.com

4486. Re: Exploring the Internet (QST)

Newsgroup: rec.radio.scanner
Date: 1994-10-27 12:16:39 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <38o5n7$29fc@info2.rus.uni-stuttgart.de>
Source record: 266533
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.scanner,rec.radio.shortwave

>Why don't you just post the articles in this newsgroup?

Or make it available on the SIMTEL + Mirrors FTP sites.
(Only beacuse handling the payment + airfreight becomes
awkward from outide the US)

73, Moritz DL5UH

4487. Re: Cell Phone Cloning

Newsgroup: rec.radio.scanner
Date: 1994-10-27 12:52:20 UTC
From: dayglo@mindvox.phantom.com
Message-ID: <XXuuuc1w165w@mindvox.phantom.com>
Source record: 266534

abec@ix.netcom.com (Abe Collins) writes:

> If you currently own a cell phone and subscribe to a service
> (like GTE, CellularOne, AirTouch, etc) is it legal to clone
> another cell phone for your own use. For example, I may want
> a car phone permanently mounted in my car and also have a
> pocket cell phone with the same phone number for use when I'm
> not in my car. I see nothing wrong with this but maybe the
> feds do ??

Abe,

I do believe that the new FCC rules state that changing the
ESN on a cell phone is against their rules. I say having two phones
on one number is great if you do NOT plan to receive/send very many
calls. Most of the people that I know who have cellphones use them
almost entirely for safety reasons. The only way a cell company can
find out that you have two phones on one number is if calls are placed
from both phones at the same time. All they do is shut your service
off. I would then act computationally changelled any say that someone
must have stolen my number EG cloned my ESN.

4488. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-27 13:08:25 UTC
From: paulot@cais.com
Message-ID: <paulot-2710940916200001@paulot.cais.com>
Source record: 266537

> Glen is right. How many of you sitting on your fat asses bitching even
> bothered to make a free (800) telephone call to your congress critters
> about anything? This country is supposed to be a partipatory democracy. So
> participate for God's sake. Take Rich Crisp's advice, send a clear meassage
> of who is in charge and RE-ELECT NO ONE. (that meand no incumbent shall be
> re-elected, for the hard of doing).

Oh,let me give you this bit of information about your coments:
Yesterday,on one of the news shows here in DC,an interview with certain
political figures ends up now showing that the blame on the state of
things is to be put ON YOU THE VOTER!The amount of mail to these fellers
is on the incresase every day,because,like you said,some people are
getting of their duffs and writing about it.
So,hence the reaction.
Paulo A. Teixeira "Free speech is the right to shout
N3MGA@WA3TAI.NOAM.MD 'THEATER' in a crowded fire."
Gallery's BBS 202-333-0407 - A yippie proverb

4489. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-27 13:24:14 UTC
From: laird@pasture.ecn.purdue.edu
Message-ID: <38o9lu$g39@mozo.cc.purdue.edu>
Source record: 266538
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

smasters@bzy.gmu.edu (Shawn C. Masters) writes:

> I can think of a few ucontrollers that can preform simple encrytpion
>and decryption in real-time. Combinational logic can be used for a psuedo
>one-time pad encryption (using random number generators), and remain a fairly
>small application.
> PGP though would require a lot of processing power for real-time
>processing.

PGP only needs to be used to pass the initial keys, from then on, less
processor-intensive algorithms can be used.

--kyler

4490. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-27 13:43:45 UTC
From: domonkos@access.digex.net
Message-ID: <RPwhkiubGci4066yn@access.digex.net>
Source record: 266539
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <1994Oct25.154446.5783@henson.cc.wwu.edu>, EriC wrote:
>
> The day we give up civil rights in order to feel safe from improper and
> unconstitutional prosecution is the day we're all screwed. That day was
> the day the Wiretap bill passed. If we're not totally, permanently
> screwed then the supreme court will fix this. Hopefully.
>
> Did you see the blurb on CNN about the michigan militia? I think those
> are going to become more common.. the people will restore our government
> if the government doesn't reform itself, I think.

Yeah, and then the U.N. will send in a UN hosted peace keeping force, sounds
REAL good. I have my doubts the average American even cares; heck, they
can't even get off their asses to vote!

Andy

4491. Re: Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-27 13:44:33 UTC
From: domonkos@access.digex.net
Message-ID: <KUwhkiubGwtC066yn@access.digex.net>
Source record: 266540

```
In article <38hg5n$39i@nntp.interaccess.com>, Robert Shepard wrote:
>
> Not to say there is nothing wrong while on the ground, but you must
> understand that the electronics installed into aircraft (especially
> commercial jets) are done so in a manner that in most if not all cases
> will not interfer with each other. Further, you are probably correct in
> regards to ground operations, but for the record, most aircraft radios
> (2-way voice) do not have more that about 10W PEP. Even at close range
^^^^^^^^^^^^
Actually 50 - 250 Watts (commercial). Private aircraft, I'm not sure.

Andy
```

4492. Re: Help with Pro46 mod - soldering surfacemount diode

Newsgroup: rec.radio.scanner
Date: 1994-10-27 13:45:07 UTC
From: domonkos@access.digex.net
Message-ID: <HXwhkiubG6L0066yn@access.digex.net>
Source record: 266541

In article <JKyX6xj.gregmason@delphi.com>, Gregory yea... you wrote:
> Hi its me.. the guy who didnt know what he was doing with his PRO46, again.
>
> Sadder yet wiser. It seems that i soldered my 000 jumper onto the back
> of annother diode... oops! (hate it when that happens) Well it _looked_
> like a solder pad to me. A friend who had done the mod before looked at my
> work and complimented me... he said that if id put the diode in the right
> place, it'd have been a perfect job... wise guy. :grin:
>
> So... he took the diode off where I soldered it, and put it where it belonged.
> The solder pad wasnt a pad at all...it was two little dots of solder on the
> pc board... What next!?
>
> We reassembled the scanner, and Viola! Uninterrupted 800mhz coverage with
> 30Mhz steps... Thanks Ted!
>
> That is the wiser part... now for the sadder part.
>
> After using the scanner for fifteen minutes the thing just stopped.
> Cut out.. the lcd display blanked! I thought that the scanner was dead, after
> I thumped my chest to restart my heart, I turned the power off, and on again.
> Guess what? It blinked back to life as if nothing had happened. It's been
> doing this on and off now while in the search mode... sometimes it seems to ha
> happen after i hit the arrow key, but other times it seems completely unprovoked
> Anyone care to hazzard a guess as to what my ignorance has caused in the
> scanner? You guys gotta help me.... Its my wifes radio!
>
> ---Thanks Greg

Sounds like you have an intermittent problem somewhere. Hopefully not done
while using too much heat on SMT components. You mentioned solder balls on
the pcb. Take it apart and check for any more, perhaps lying across pads.

Good luck.

Andy

4493. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-10-27 13:45:49 UTC
From: domonkos@access.digex.net
Message-ID: <zkwhkiubGsjS066yn@access.digex.net>
Source record: 266542
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <CyB33H.8zv@news.Hawaii.Edu>, Jeffrey Herman wrote:
> Rich: There *are* political newsgroups just waiting for your posts.
> There are computer encryption groups just waiting for your posts.
> Folks who are interested in your articles can read them there.
> The point of my posts to you are to just ask you to post short-
> wave related articles. But let's make a deal: What ever
> root@netcom.com decides in this matter we will abide by.
> Agreed?
> Oh, I get letters, too, saying ``you're right - it's gotten
> too noisy''.
>
> Jeff

One could use the kill file feature? But then, might as well stick one's head into a hole in the ground and pretend the real problem doesn't exist?

I'd rather see Rich's comments, he's trying to incite people to get motivated into changing the system for the better, but then again, some people don't want to change for fear of losing their status...

BTW, I've been keeping track recently, the number of flames against Richard are catching up to his number of posts; who's wasting bandwidth? Perhaps attitudes will change when the govt restricts your use of shortwave.

No personal e-mail responses, please, I'll repost them here anyway...

Andy

4494. Wilmington, Mass., Tach 5 freq.

Newsgroup: rec.radio.scanner
Date: 1994-10-27 14:43:16 UTC
From: chris@ll.mit.edu
Message-ID: <1994Oct27.144316.4761@ll.mit.edu>
Source record: 266546

My husband and I live in Wilmington, MA, and for as long as we can remember, Wilmington Police has been using this "tach 5" frequency. We cannot locate the frequency anywhere, and when we inquired with the police, they told us they would not give it out, it was none of our business what was being said on that frequency. They will run plates and such on their main freqs., but anything important, they go to tach 5.

We have checked every book we could think of, and have come up with nothing. We have no idea where to begin to search. They are not on the 800 band, and we don't believe that they would use the 800 band for that freq. alone.

We have had alot of crime in our area. The twenty-six years I've lived in this town, you could leave your doors unlocked at all times. Now, it's a nightly ritual to make sure the windows are closed and locked, the motion detectors lights are on, and the deadbolt is locked. It's sad to see this happening in this town, and we would feel safer if we knew what was going on.

Anyone have any ideas as to where I can get this frequency?

Chris

4495. Re: sportcat for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-27 14:48:10 UTC
From: James_Abbott@monet.prs.k12.nj.us
Message-ID: <102275.ensmtp@monet.prs.k12.nj.us>
Source record: 266543

How about a little more detail.

--

/ \
The opinions in this message are those of the individual,
not necessarily the Princeton Regional Schools
\ /

4496. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-27 15:12:56 UTC
From: crisp@netcom.com
Message-ID: <crispCyC7LL.5JB@netcom.com>
Source record: 266560
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <38mm0p$66@ftp.eff.org> Jonah Seiger <jseiger@eff.org> writes:
>>
>>It is clear they want to build a case that the use of crypto is widespread,
>>is interfering with their ability to execute wiretaps (both legal and
>>illegal ones), and consititutes a public nuisance.
>
>Actually, the provision in the Edards/Leahy Draft was there for
>just the opposite reason.
>
>This provision was offered by a House Staffer who really *hated* clipper.
>He offered that provision with the belief it would reveal that
>very few wiretaps revealed uncrackable encryption -- providing
>further evidence against a need for gvt. escrowed encryption
>schemes (read Clipper).
>
>It was left out of the final bill because the staffer changed his
>mind after he became concerned that the FBI would keep the results
>of the logs classified and, no matter what they actually showed, would say
>that there was a lot of unbreakable crypto interfering with
>their ability to wiretap. He did not want that provision to become an
>excuse for imposing an escrowed encryption standard.
>
>Thought some of you'd find that interesting.

Thanks for telling us about it. Obviously the data, once collected,
could be used for either purpose PROVIDED it was made available.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not

4497. Re: 5 day waiting period for radar guns

Newsgroup: rec.radio.scanner
Date: 1994-10-27 15:24:24 UTC
From: crisp@netcom.com
Message-ID: <crispCyC84o.6AH@netcom.com>
Source record: 266551

In article <94299.124447TJH112@psuvm.psu.edu> Tyler Harpster <TJH112@psuvm.psu.edu>
writes:
>With the present administration, this will be the next thing to happen.
>Tyler.
>

Actually it is not as bad as you may think. The 100,000 new cops on the street
will all be carrying Radar Guns. We cannot allow them to carry real guns
because they would be diverted from their real task: collecting money
from speeders to fund themselves.

Remember it is a zero sum game, and the crime bill did not fund it.
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4498. Police Mods

Newsgroup: rec.radio.scanner
Date: 1994-10-27 15:24:54 UTC
From: dretzik@uoguelph.ca
Message-ID: <38ogo6$ov2@nermal.cs.uoguelph.ca>
Source record: 266565

Here in Ontario, our provincial police have an annoying tone on their frequencies between transmissions that sounds like a fast busy signal from a telephone. This makes it impossible to monitor the frequencies without going insane listening to the noise. Can a pro-43 be modded to overcome this problem? If so, anyone have the mod?

Dave

dretzik@uoguelph.ca

4499. Re: SmartZone trunking?

Newsgroup: rec.radio.scanner
Date: 1994-10-27 15:26:02 UTC
From: medicmark@aol.com
Message-ID: <38ogqa$2lq@newsbf01.news.aol.com>
Source record: 266544

Most of the time in the USA, motorola refers to it as "SmartNET".

4500. OPP FREQS NEEDED FOR GUELPH AREA

Newsgroup: rec.radio.scanner
Date: 1994-10-27 15:30:09 UTC
From: dretzik@uoguelph.ca
Message-ID: <38oh21$ov2@nermal.cs.uoguelph.ca>
Source record: 266567

My directory is not at all up to date, does anyone know the frequencies the OPP are using in the Guelph, Kitchener/Waterloo or for that matter an up to date list for the entire province of Ontario? I find that not all of the frequencies have the annoying tones so I would like to listen to those, but I am unsure of all that are being used.

Dave

dretzik@uoguelph.ca

4501. OS456 Question

Newsgroup: rec.radio.scanner
Date: 1994-10-27 16:57:08 UTC
From: plymale@mousetrap.es.vt.edu
Message-ID: <38om54$l47@solaris.cc.vt.edu>
Source record: 266547

To OS456 Users:

I recently installed the OptoScan456 computer interface
into a Realistic PRO-2006 scanner. Both the installation
of the interface card and configuration of the accompanying
Scan*Star software (Rev.1 - 4/24/94) went smoothly. All
but one of the software options function as expected.
Signal level scanning does not work. I select the
appropriate options on the Squelch Control Settings menu.
When scanning resumes, the scanner does not lock
onto the frequencies or channels now associated with the
signal level scanning feature. Any suggestions on
correcting this problem are appreciated.

Thanks,
Bill Plymale

--

William O. Plymale plymale@mousetrap.es.vt.edu 703-231-9530
Virginia Tech Information Systems

4502. Re: Battery Life of Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-10-27 18:16:18 UTC
From: michaeha@soul.tv.tek.com
Message-ID: <38oqpj$ppt@news.tv.tek.com>
Source record: 266549

In article <38cc4d$pgn@dns1.NMSU.Edu> tharrell@nmsu.edu (Thomas J. Harrell) writes:
>JimA119256 (jima119256@aol.com) wrote:
>: I am wondering what kind of battery life the Pro 43 has. I have a BC2500
>: and it gets about 6hrs. Does the 43 get more?
>
>With regular NiCads, not really. I'd imagine that it lasts longer with
>alkalines, though, or those hi-capacity NiCads (there'$ a rea$on why I
>don't u$e tho$e).
>

I've been getting close to 6 hours using Renewal rechargable alkalines. So
far I like them. They have higher capacity than nicads and I don't have to
worry about them self discharging. That's important so I can leave the scanner sitting
unused for a couple of months and pick it up and it's ready to go.
Also, since they're rechargable, I don't feel that twinge of guilt I sometimes
get when I'm running down my batteries.

Mike

4503. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-27 19:04:49 UTC
From: schumann@crl.com
Message-ID: <38otkh$o1a@crl.crl.com>
Source record: 266552

Glen L. Roberts (fd@wwa.com) wrote:

[deletia]

: That wasn't my point. If we like listening to stuff on a scanner, we
: should encourage EVERYONE else to do the same. But someone, we feel

What SHOULD we do? Tell me, please. I can accept that other people do OTHER things, and actually to hear about it ONCE is quite often v.much enough. If you want to proselytise something, fine, but keep it to yourself.

: special, because we hear stuff others don't. We feel special, better,

You go ahead and feel special.

: than everyone else. So, we better not let anyone else know what we
: can hear, cause then the fun might go away.

There's that WE business again. Are YOU speaking for ME?

: Everyone is acting like it's a big secret... but its not.

That's right, it's NOT a secret. But as it has been noted elsewhere in this thread, to push a person's nose into something is quite different than to simply point something out. It appears to me that you are pushing a number of people's noses into various things. Why? To inform is one thing -- to present observations and "facts" -- but I believe that a line has been crossed here some time ago.

: --
: ------------------------------------
: Glen L. Roberts, Editor, Full Disclosure
: Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
: email fd@sashimi.wwa.com for catalog on privacy & surveillance.
: Does 10555-1-708-356-9646 give you an "ANI" readback?
: email for uuencoded .TIF of T-Shirt Honoring the FBI
: Remember, fd _IS FOR_ Full Disclosure!

Jas.Bone

4504. Re: WTB: Plectron Monitor or Minitor II Pager

Newsgroup: rec.radio.scanner
Date: 1994-10-27 19:06:53 UTC
From: fr570@cleveland.Freenet.Edu
Message-ID: <38otoe$ht1@usenet.INS.CWRU.Edu>
Source record: 266550

I don't understand why you would want one. At least comparing it to my Minitor Pager. Mine sucks. I get a lot of static. I have to reset mine right after it goes off or I'll hear lots of static. I can't keep it on all the time. I guess I hang around a lot of RFI.

4505. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-27 19:08:43 UTC
From: domonkos@access.digex.net
Message-ID: <u3$hkiubGMdC066yn@access.digex.net>
Source record: 266556
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <38m7nd$dhv@umcc.umcc.umich.edu>, Les Butler wrote:
>
> Jordan, Isn't this a FREE country? Why would I let any LAW ENFORCEMENT
> officer look under my blanket? Are we all considered criminals? Doesn't
> the Constitution say we are innocent until proven guilty? Since when is
> it we are guilty until proven innocent? I see with views like yours it's
> easy for government to do this. Lets make them accountable for everything
> they do, after all don't they work for us? They should do as we wish, not
> we as they wish......Les
>
>
>

A friend and I were recently discussing 'Big Brother' issues and his
reply was 'I'd rather have the US Govt snooping on us than anyone else...'
What? I dropped the subject, with that kind of apathy no wonder Washington
is full of jail bait...

Andy

4506. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-27 19:09:23 UTC
From: domonkos@access.digex.net
Message-ID: <h7$hkiubGQSB066yn@access.digex.net>
Source record: 266557

In article <38jefc$10t9@tiger1.ocs.lsu.edu>, David B Baker wrote:
>
> Glen L. Roberts has a monthly paper called 'Full Disclosure' and hosts
> a weekly info/call in radio show on shortwave. Both of these are oriented
> towards getting the information to people, so that they can make an
> informed decision on topics like Clipper Chip, BATF excesses, cell phone
> interception,etc...A noble cause, but I'm not sure how the CARTER
> TRANSMISSION falls into the realm of 'full disclosure'. I'm haven't heard
> the specifics of why he called the White House, what specific information
> he was trying to get, but I know a lot of people see his actions as
> inviting the White House to beef up it's line security. They know that they
> have some lines that are "in the clear" -- logistics sometimes make it
> necessary, but having some guy saying "I have a radio show and a newspaper
> and my readers/listeners have interecepted your private important
> military/diplomatic transmissions..." does absolutely no good as far as I
> can see. We already are unable to listen in on the "heavy" law
> enforcement agencies because they know people have scanners and they had to
> go with digital encryption. I'd like to continue to be able to monitor
> these military/diplomatic/Air Force One/Two flight transmissions...
> Dave

Noble cause, yes, but unfortunately to the DC buttheads he will come off
as sand in their shorts and they will only act to suppress the means by which
he got the information. There's a dangerous move in D.C. and single handed
efforts won't have much effect. United as we are here in these conferences
we are but a minority, and the general public views us as 'nerds' or
eavesdroppers, thanks to the maggot media.

Andy

4507. Re: Military aircraft freqs.

Newsgroup: rec.radio.scanner
Date: 1994-10-27 19:09:50 UTC
From: domonkos@access.digex.net
Message-ID: <QD$hkiubGse5066yn@access.digex.net>
Source record: 266558

Also try the North American Directory of Military Aircraft Communications.
Hope you have plenty of channels, there's plenty of freq's...

Andy

4508. Help Ham Radio and More get on Shortwave!

Newsgroup: rec.radio.scanner
Date: 1994-10-27 19:16:36 UTC
From: scotte@ccs.neu.edu
Message-ID: <199410271916.PAA01073@denali.ccs.neu.edu>
Source record: 266554

The following was posted on Genie. NOTE: Corrections will follow the forward.
- - - - - - -
Radio & Electronics RT
Category 4, Topic 5
Message 95 Wed Oct 19, 1994
BIRDWATCHER [Gary, MI] at 21:28 EDT

Ever want to program a major shortwave station? Pick the kind of shows YOU want to hear?

Well here is your chance!

I have been asked by Adam Locke of WWCR to post the following:

To all WWCR Listeners:

This is your chance to let us know what you want to have more of. For months we have been doing country music to the world in the afternoons. Do you want this to continue, or would you like to have more talk programming during the day? Any favorite talk shows? Other ideas? Mail us a post card with the top five shows youwould like to hear during the day (no phone calls please).

EMAIL US at: NMKS01@PRODIGY.COM

Or write:

WWCR AFTERNOON PROGRAMMING SURVEY
WWCR AVENUE
Nashville TN 37218

Do it TODAY!!

Note: Please spread the word. Can someone post this on rec.video.shortwave and FIDO SW ECHO?

I can not access these conferences. Just repost the message.

I have already said what I would like. Also WWCR will be running their afternoon programming on a new lower frequency, so we can all HEAR it during the afternoon hours.

Corrections: E-Mail address is NMKS01A@prodigy.com
Street address is 1300 WWCR Avenue.

Program director is Adam Lock (no "e" at the end).

--
< ^^
< "Big Steve" Coletti
< Shortwave Listener, Broadcaster, Computer Consultant
< and all around nice guy
< Internet: bigsteve@dorsai.dorsai.org ==== S.COLETTI2@genie.geis.com
< UUCP: steve.cole@islenet.com ==== steveny@lopez.marquette.mi.us
< Fidonet: 1:278/307 US Mail: P.O. Box 396, New York, NY 10002
< Voice: +1 212 995-2637
~~~~~~

==========

Any radio station can air the show at absolutely no charge, no contract.
Call KFNN, 1510am, for clock information and other details at 602-241-1510.

To get the show aired in your city, have your fellow hams call a local
small talk station and tell the program director to air the show.

Sending a few FAX's helps, too.

Satellite info is: The show can be heard via satellite on Spacenet 3,
Transponder 9, 6.8 audio

Let's keep Ham Radio and More alive!

Thanks!

Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
Ham Radio and More: http://www.acs.oakland.edu/barc/ham-more/ham-more.html

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Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
Ham Radio and More: http://www.acs.oakland.edu/barc/ham-more/ham-more.html
~~~~~~

4509. Re: Help: can I hear mobile to base?

Newsgroup: rec.radio.scanner
Date: 1994-10-27 19:26:11 UTC
From: fr570@cleveland.Freenet.Edu
Message-ID: <38ousj$j47@usenet.INS.CWRU.Edu>
Source record: 266555

The CHP radio allows the officers and the dispatchers to talk at the same time. In the Police Calls book, look for the nearest CHP office to you and note the frequency. Look at all the other titles for that same frequency; you'll find a color assigned to that frequency. Now look for a title that says the same color with the word mobiles after it; for example "Orange Mobiles". Both of those frequencies need to be in your scanner. Unfortunately, if you have other frequencies in you scan, the conversation will be broken. If I hear an interesting situation, I'll lock out all other channels and make sure "Delay" is off. If the officer wants to talk to another officer, they will go "car-to-car" which is the same frequency you hear dispatch on. It gets frustrating trying to listen to them sometimes.

4510. Re: Nickel Metal Hydride AA Cells?

Newsgroup: rec.radio.scanner
Date: 1994-10-27 19:33:23 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.522.00138F0B@ccm.hf.intel.com>
Source record: 266484

In article <1994Oct26.131802.4755@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:

>These are the 1.5V lithium AA cells I occasionally see on the racks?

>Are these available in anything besides AA? I have a use for them in "C"
>size. Also, what does the voltage over discharge time curve look like? Is
>it relatively flat like NiCad?

They are only available in AA size (AAA size may exist someday), but they will never be bigger than AA size because the chemical contect of larger batteries would require that they be shipped as hazardous materials.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

4511. Strange (?) reception - PRO34

Newsgroup: rec.radio.scanner
Date: 1994-10-27 19:50:39 UTC
From: carmins@dayton.saic.com
Message-ID: <38p0af$9hu@dayuc.dayton.saic.com>
Source record: 266559

For all of you PRO-fanatics out there, I have a (dumb?) reception question with which you may be able to help:

On my PRO34, I receive what sounds (to me) like an unmodulated carrier, which slowly (very slowly) rises in frequency, starting at approx 150.000MHz, going up to 160.000+ Mhz or so. The change is very gradual; I can listen, for instance, to the Co. Sheriff (155.415), where the carrier will slowly "rise" to the frequency, interfering with the reception of the Sheriff. I can increase the squelch, and this works until the carrier keeps the squelch open (full squelch). Then, the carrier slowly drifts higher, I can reduce the squelch, and everything is ok again - the carrier slowly slides onward up the frequency scale.

I've just started noticing this odd behavior in my PRO34. It does not seem to be a " local" problem. Trips to Cincinnati/N. Kentucky (50+ mi away) show identical "interference".

Am I just a victim of intermod with this single-conversion scanner? Or is my 34 due for replacement?

Steve Carmin, Dayton, Ohio * eMail:carmins@dayton.saic.com
"Opinions Expressed Are My Own, Not Those Of SAIC"
"obscurum per obscurius"

4512. FREE 4X4 Parts Catalog!!! (Just kidding!)

Newsgroup: rec.radio.scanner
Date: 1994-10-27 20:37:08 UTC
From: shawn4sk1@aol.com
Message-ID: <38p31k$7eq@newsbf01.news.aol.com>
Source record: 266561

What's this I saw about a fishing catalog!? Did somebody goof? I thought this was a scanner group...

:-)

Shawn

4513. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-27 20:38:54 UTC
From: seth0004@gold.tc.umn.edu
Message-ID: <CyCMo0.Cz8@news.cis.umn.edu>
Source record: 266562
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <38ktjg$fep@adam.cc.sunysb.edu>, Tog <jflint@ic.sunysb.edu> wrote:
>In article <7yFhkiubGgu8066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:
>
>>Chances are very good that if you start to encrypt all your transactions
>>this will attract attention to yourself and the government will make you
>>one of the 5,000,000 + Americans that were wire tapped in 1993
>>(these are Dept. of Justice figures).
>

5 million + americans wiretapped? What bullshit! I can't even imagine the amount of man hours it would take to listen to all the calls from 5 million people!

>All the more reason to use PGP as often as possible! (I've slacked off
>lately but I'm thinking about starting again...)
>
>I'd like to see ANYONE try to crack 50million 1024-bit keys... ;)
>
>
I'd settle to see someone crack just one 1024 bit key.

4514. Re: SmartZone trunking?

Newsgroup: rec.radio.scanner
Date: 1994-10-27 21:10:48 UTC
From: rshepard@interaccess.com
Message-ID: <rshepard.7.001B9627@interaccess.com>
Source record: 266479

In article <111316Z27101994@anon.penet.fi> an84802@anon.penet.fi writes:
>Message-ID: <111316Z27101994@anon.penet.fi>
>Path: nntp.interaccess.com!swiss.ans.net!howland.reston.ans.net!news.sprintlink.net!EU.net!news.eunet.fi!anon.penet.fi
>Newsgroups: rec.radio.scanner
>From: an84802@anon.penet.fi
>X-Anonymously-To: rec.radio.scanner
>Organization: Anonymous contact service
>Reply-To: an84802@anon.penet.fi
>Date: Thu, 27 Oct 1994 11:11:12 UTC
>Subject: SmartZone trunking?
>Lines: 27

>Hello All
> I wonder if anyone reading this can help me? I have just read
>in a British PMR trade magazine that London's Metropolitan Police have
>chosen Motorola's SmartZone trunking system to replace their current
>25 year old system of VHF repeaters. The magazine doesn't say much
>about SmartZone only that it is an analogue system proprietory to
>Motorola.
>
> Does anyone out there know anything more about SmartZone?
>i.e Is it a system which changes frequency every time the PTT button
>is pressed or does it stay on one frequency during a conversation?
>
> Is SmartZone used anywhere in the USA or is this the first
>installation of such a system?

> Thanks for your time.

> an84802@anon.penet.fi

>---
>To find out more about the anon service, send mail to help@anon.penet.fi.
>Due to the double-blind, any mail replies to this message will be anonymized,
>and an anonymous id will be allocated automatically. You have been warned.
>Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

Smartzone Trunking, is sort of like multiple trunking systems linked together
to cover a large area. The big difference is that a channel assignment does
not necessarily mean that any two mobile are on the same freqency/channel.
Instead, lets say there is a mobile in the northern part of the state or area
on trunking talkgroup 002. This same talkgroup 002 has a mobile in the
southern part of the state or area. When the mobile up north gets a channel
assignment, let say channel 2 of the local system at 859.0125. What the
smartzone controller does is find a free channel for the southern mobile on

say channel 005 at 854.9125. All the smartzone controller knows/cares about is linking members of the same talkgroup together. This gets even cooler in that the two or more mobiles in a talkgroup do not even have to be in the same band. For example: a Federal Government mobile on a UHF portion of a Smartzone system with talkgroup 002 could and would communicate with an 800 Mhz mobile on talkgroup 002 using the 800Mhz portion of the Smartzone system. There are many many possibilities with Smartzone Trunking. Too many to be explained in this forum. A Smartzone system could consist of Smartnet/Simulcast/and Smartzone trunking systems and conventional repeaters too, all under the single control of the Smartzone controller. The possibilities are endless..

And yes there are quite a few in the US Public Safety Arena. The State of Michigan is in the process of converting over to a Statewide Smartzone/Astro Digital Backbone. However, this system will be under construction over the next several years.

Good Luck Following These Conversations :)

4515. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-27 21:40:15 UTC
From: hoffj@mhd1.moorhead.msus.edu
Message-ID: <1994Oct27.164015.2854@msus1.msus.edu>
Source record: 266426
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

```
In article <CyCMo0.Cz8@news.cis.umn.edu> seth0004@gold.tc.umn.edu () writes:
>In article <38ktjg$fep@adam.cc.sunysb.edu>, Tog <jflint@ic.sunysb.edu> wrote:
>>In article <7yFhkiubGgu8066yn@access.digex.net> domonkos@access.digex.net (Andy
Domonkos) writes:
>>
>>>Chances are very good that if you start to encrypt all your transactions
>>>this will attract attention to yourself and the government will make you
>>>one of the 5,000,000 + Americans that were wire tapped in 1993
>>>(these are Dept. of Justice figures).
>>
>
>5 million + americans wiretapped? What bullshit! I can't even imagine the
>amount of man hours it would take to listen to all the calls from 5 million
>people!
>

They don't listen to them manually, they actually have computers listen
for 'key' words. Anything with 'kill' and 'president' gets some attention
I guess. Soon, any converstaion with 'scanner' will bring armed men to
your door I'm sure.

Jerad

+--------------------------------------=---------------------------------+
|Citizens Band - Fubar MOORHEAD STATE UNIVERSITY Jerad Hoff |
|Amateur Radio - KB0PCH Moorhead, Minnesota ( ( | ) ) |
|Scanner - NUIQ0 /-\ |
|Telephone - (218) 236-3406 /---\ |
|Internet Email- hoffj@mhd1.moorhead.msus.edu /-----\ |
|Snail Mail - 750 Nelson Hall, MSU; Moorhead, MN 56563 "Clapton is God"|
+--------------------------------------=---------------------------------+
```

4516. Realistic Pro-34 scanner receiver (800 MHz restored) *FOR SALE*

Newsgroup: rec.radio.scanner
Date: 1994-10-27 21:43:04 UTC
From: mikew26532@aol.com
Message-ID: <38p6t8$8jh@newsbf01.news.aol.com>
Source record: 266563

Realistic Pro-34 hand-held scanner receiver, with 800MHz coverage restored. 200 channels, 50 channel per second scan rate. In like-new condition, perfect working order; no problems of any kind. In original box with manual, original flex antenna, plus Ni-Cad battery pack and wall charger. $180 + shipping from DC area. Reply via email to MikeW26532@AOL.COM, or call 703-883-7923 days, 703-430-8402 evenings/weekends. Thanks.

4517. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-27 21:58:51 UTC
From: crisp@netcom.com
Message-ID: <crispCyCqE3.A31@netcom.com>
Source record: 266574
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <1994Oct27.063658.13720@snugbug.cts.com> ashe@snugbug.cts.com (S0ren Ashe) writes:
>If we all act like brothers and sisters, we'll encrypt _every_ private
>message. If we bury them in volume, they'll have so many "suspects"
>they'll have to adjourn in search of better game. There are precidents...
>I believe it was the royal family of Sweden who, when the Nazis ordered
>all Jews to wear the Star of David on their coats, appeared in public
>with the emblem on their own clothing. Many of their gentile subjects
>followed suit. A lot of good things can be learned from history...like
>what methods tyrants have tried before, and what has made life difficult
>for them.
>
>"The tree of liberty must be refreshed from time to time

Dear brothers and sisters, Our esteemed colleague from Hawaii, Mr Jeff Herman, has implored us to take this thread elsewhere. Apparently Mr Herman sees no relevance to the shortwave or scanner hobby. So I guess we should all heed his request. I wonder if I asked the US senate or the US house to take their silly threads to Moscow if they'd do it?

So following the philosophy Soren Ashe espouses, maybe we should emulate the Swedish Royal Family?
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box, and the cartridge box. Let's effectively use the first two so we do not have to resort to the third!

4518. HELP HAM RADIO AND MORE GET ONTO SHORTWAVE

Newsgroup: rec.radio.scanner
Date: 1994-10-27 22:06:02 UTC
From: scotte@ccs.neu.edu
Message-ID: <38p88a$sqq@narnia.ccs.neu.edu>
Source record: 266566
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

The following was posted on Genie. NOTE: Corrections will follow the forward.
- - - - - - -
Radio & Electronics RT
Category 4, Topic 5
Message 95 Wed Oct 19, 1994
BIRDWATCHER [Gary, MI] at 21:28 EDT

Ever want to program a major shortwave station? Pick the kind of shows YOU want to hear?

Well here is your chance!

I have been asked by Adam Locke of WWCR to post the following:

To all WWCR Listeners:

This is your chance to let us know what you want to have more of. For months we have been doing country music to the world in the afternoons. Do you want this to continue, or would you like to have more talk programming during the day? Any favorite talk shows? Other ideas? Mail us a post card with the top five shows youwould like to hear during the day (no phone calls please).

EMAIL US at: NMKS01@PRODIGY.COM

Or write:

WWCR AFTERNOON PROGRAMMING SURVEY
WWCR AVENUE
Nashville TN 37218

Do it TODAY!!

Note: Please spread the word. Can someone post this on rec.video.shortwave and FIDO SW ECHO?

I can not access these conferences. Just repost the message.

I have already said what I would like. Also WWCR will be running their afternoon programming on a new lower frequency, so we can all HEAR it during the afternoon hours.

Corrections: E-Mail address is NMKS01A@prodigy.com
Street address is 1300 WWCR Avenue.
Program director is Adam Lock (no "e" at the end).

--
< ^^
< "Big Steve" Coletti
< Shortwave Listener, Broadcaster, Computer Consultant
< and all around nice guy
< Internet: bigsteve@dorsai.dorsai.org ==== S.COLETTI2@genie.geis.com
< UUCP: steve.cole@islenet.com ==== steveny@lopez.marquette.mi.us
< Fidonet: 1:278/307 US Mail: P.O. Box 396, New York, NY 10002
< Voice: +1 212 995-2637
~~~~~~

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Any radio station can air the show at absolutely no charge, no contract.
Call KFNN, 1510am, for clock information and other details at 602-241-1510.

To get the show aired in your city, have your fellow hams call a local
small talk station and tell the program director to air the show.

Sending a few FAX's helps, too.

Satellite info is: The show can be heard via satellite on Spacenet 3,
Transponder 9, 6.8 audio

Let's keep Ham Radio and More alive!

Thanks!

Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
Ham Radio and More: http://www.acs.oakland.edu/barc/ham-more/ham-more.html

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Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
Ham Radio and More: http://www.acs.oakland.edu/barc/ham-more/ham-more.html
~~~~~~

4519. Re: Flying with scanners? (reg quoted)

Newsgroup: rec.radio.scanner
Date: 1994-10-27 23:23:34 UTC
From: rshepard@interaccess.com
Message-ID: <38pcpm$hs6@nntp.interaccess.com>
Source record: 266570

Curtis Wheeler (cgwh@chevron.com) wrote:
: In article <38kn75$d1u@satisfied.elf.com> msattler@jungle.com (Michael Sattler, San Francisco) writes:
: >In article <25852KEKCSNJSMBCODA@sunyboard.org>
: >tbrutus@sunyboard.org writes:

: >> If you're travelling by air, it's expressly forbidden to listen to a scanner
: >> or any elecronic radio device while the flight is in progress. Something
: >> to do with scrambling of the transmission of signals from the plane to the
: >> control tower. How true that actually is I'm not sure. Amtrak or Greyhound is
: >> no problem as long as you have earphones, so it won't disturb anyone else.
: >> Check into this with the airlines, and if you hear anything, please email
: >> me with anything you hear. I'm interested in what they (airlines) would say.

: >Pardon my bluntness, but this is bullshit. The only thing forbidden
: >are devices that intentionally emit electromagnetic energy. Cellular
: >telephones (which emit once per second even when you're not talking),
: >the PTT button on your HT, etc. Passive devices are permitted by law
: >and at the descretion of the pilot on duty. The airlines have instuted
: >an almost across-the-board stricture against using anything, passive or
: >active, during take-off and landings, but that's it. Sorry for the
: >vitriol, Tom, I feel better now.

It is amazing how many people think they are exempt from federal regulations. Only to again be suprised when a new tighter law emerges due to their lack of obeying the origional law due to their "personal belief exemption". How many of you idiots are going to make sure that scanning becomes outlawed all together?. Keep up the wonderful uninformed / educated attitude so the government can show cause to lay some more "bullshit" on us due to you and your kind. Pick up a book on electronics, and find out how and why your scanner works, and then you may be qualified to determine what is and is not "passive".

Now read what someone else has posted for your interest, and hope that the list of regulations following don't get any bigger!.

: Regarding "bullshit": Please refer to the following Federal Aviation
: Regulation. Part 91.21.

: (a) Except as provided by paragraph (b) of this section, no person may
: operate, nor may any operator or pilot-in-command of an aircraft allow the
: operation of, any portable electronic device on any of the following
: U.S.-registered aircraft:
: (1) Aircraft operated by the holder of an air carrier operating certificate
: or operating certificate; or
: (2) Any other aircraft while it is operated under IFR.

: (b) Paragraph (a) does not apply to-
: (1) Portable voice recorders;
: (2) Hearing aids
: (3) Heart pacemakers
: (4) Electric shavers
: (5) Any other portable device that the operator of the aircraft has
: determined will not cause interference with the navigation or communication
: systems of the aircraft on which it is to be used.
: (c) In the case of an aircraft operated by a holder of an air carrier
: operating certificate or an operating certificate, the dtermination of
: required by paragraph (b)(5) of this section shall be made by the operator of
: the aircraft on which the particular device is to be used. In the case of
: other aircraft, the determination may be made by the pilot-in-command or other
: operator of the aircraft.
: ----------

: There you have it. The airlines, by regulation, determine what kind of
: portable electronics can be used on their airliners. They are responsible for
: the safe operation of their aircraft. Note that the airline company is the
: "holder of an air carrier operating certificate". Scanners are expressly
: forbidden under 91.21(a) unless the airline has DETERMINED that it is not a
: problem and falls under 91.21(b)(5). Paragraph (c) makes THEM RESPONSIBLE for
: the determination. It's not a pilot-in-command call to make scanner
: exceptions on an airliner if the company has already said no to scanners.

: There is no definition of "passive" or "active". For the purposes of harmful
: interference, any electronic device can have emmissions (receivers have
: measurable emmissions - some more than others.)

: For those of you not familiar with some other related rules and regs:

: Amateur radio operation on board an aircraft is restricted by FCC Rule 97.11
: and FAR 91.21 (above).

: Cellular telephones may NOT be used on board an aircraft while airborne per
: FCC Rule 22.913. While on the ground their use is subject to FAA regulations
: and other applicable FCC rules.

: You might want to file this one for the next time you fly or someone askes you
: about taking a scanner on a plane.

: Now sit back, relax, and enjoy your flight.

: Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
: KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

4520. Re: Replacement Batteries for BC2500

Newsgroup: rec.radio.scanner
Date: 1994-10-27 23:45:45 UTC
From: an678@FreeNet.Carleton.CA
Message-ID: <CyCvCA.At9@freenet.carleton.ca>
Source record: 266572

In a previous article, rob@cygnus.com (Rob Savoye) says:

>an678@FreeNet.Carleton.CA (Robert C. Walker) writes:
>
>>The place in CA you mention is:
>
>> Mudshack, Inc.
>> 6512D Elcajon Blvd.
>> San Diego, CA 92115
>
>>They are listing the price for 1-3 packs at $21.95 ea., 4 and up $18.95
>>ea., all prices include shipping...anybody deal with these folk and have
>
> Got a phone number ?

Nope, sorry, no phone number was listed in the Monitoring Times ad...

4521. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-10-28 00:22:12 UTC
From: gdallal@world.std.com
Message-ID: <CyCx11.A1x@world.std.com>
Source record: 266573
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Jeffrey Herman (jeffrey@kahuna.tmc.edu) wrote:
: gdallal@world.std.com (Jerry Dallal) writes:

: >I, for one, *want* to hear about restrictive and unreasonable bills
: >(without running politcal commentary, though).

: That's because you have a .com account and don't have to pay by
: the article. I would like to read about shortwave, and cookie
: recipes - shall we combine those two topics on here, also?

If you want to post about chocolate chip cookies, post about chocolate chip cookies. I'm not going to tell you what to do.

I get upset when discussions of bills that restrict listeners' rights degenerate into discussions of what might have motivated the bill and particpants--united in their conviction against restrictions--forget they have a common goal. But if restrictive legislation is being proposed, I want to know about it *before* it's enacted.

Shortwave listeners who are unconcerned with proposed restrictions because they don't apply to frequencies below 30MHz are being myopic in their view of the hobby.

4522. newbie question ...

Newsgroup: rec.radio.scanner
Date: 1994-10-28 01:09:24 UTC
From: shawr@netcom.com
Message-ID: <shawrCyCz7o.MK9@netcom.com>
Source record: 266483

Hi all,

Couldn't find any info on this from the mangaizes.

Is there any other hand-held scanner except pro-43 triple conversion?

Thanks.

-- rich

4523. Re: WTB: Plectron Monitor or Minitor II Pager

Newsgroup: rec.radio.scanner
Date: 1994-10-28 01:18:19 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CyCzMK.CBG@nntpa.cb.att.com>
Source record: 266493
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Last changed: October 27, 1994

Add a Plectron Crystal Controlled Monitor Receiver
to Your Scanner Collection

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of the author.]

In the 1960s and 1970s, thousands of firemen and ambulance squad members came to rely on their transistor Plectron and Motorola monitor receivers. They have now been replaced by portable pagers, and are often available at hamfests in the $5 - $25 range. Since many are in rough condition and need repair, a hamfest special is better suited for hobbyists who like to fix their own radios.

Plectron and Motorola crystal controlled receivers are excellent for dedicated monitoring of local frequencies -- a task for which you wouldn't want to tie up your 400 channel programmable scanner. They can be powered form 117VAC or 12VDC with the proper mobile cord.

The audio quality on a Plectron P1 or 700 series is far better than any consumer grade scanner and the sensitivity and intermod immunity is outstanding if aligned properly. The Plectron 500 series is less desireable. The Motorola Alert monitors are pretty good, although the audio lacks bass.

No single Plectron or Motorola Alert monitor can cover the entire 30-50 MHz band, and there were versions optimized for each portion of the band. There were different "split" models to cover segments of VHF-hi band, too. Although UHF versions were made, they are somewhat rare.

Both brands of receiver require special crystals. I sometimes use Radio Shack's generic 3rd overtone scanner crystals in the Plectrons but they oscillate on frequencies far away from their marked frequencies. That's because the Plectron oscillator is designed to be used with a crystal which oscillates on its fundamental, not overtone, frequency.

I have a few Motorola Alert monitors, 6 Plectrons in my living room, 7 Plectrons down the basement and some stored in reserve. The basement Plectrons are turned on automatically when someone walks down downstairs. Power to them is controlled by modified Radio Shack Safe House infrared motion detector, originally sold as an intrusion alarm.

When a rescue squad member from Missouri advertised a number of Plectrons on USENET, I bought them -- all 20+ of them. I fixed and restored each one, recrystalled them on local frequencies, and distributed them to members of my scanner club who were glad to get them.

If you find the squelch on your Plectron 700 series receiver has too much hysteresis, replace R96, a 180K resistor, with a 560K resistor. On the P1, the resistor is designated R81.

I have not used the Plectron tone alerting features so I cannot address that except to say that the special coils and capacitors for the dual tone decoders vary depending on the tone frequencies and are somewhat difficult to obtain. Parts for Plectron receivers are available from:

Plectron
Plectron Place
P.O. Box 960
Imboden, Arkansas 72434

telephone 1-(501)869-2877

BTW, I currently have no Plectrons for sale. I'm hoarding them. :-)
--
==========
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

4524. Re: Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-28 01:33:13 UTC
From: valleyj@freenet3.scri.fsu.edu
Message-ID: <38pkcp$oj3@freenet3.scri.fsu.edu>
Source record: 266480

ANDY WROTE: ^^^^^^^^^^^^^
: Actually 50 - 250 Watts (commercial). Private aircraft, I'm not sure.

250Watts at 40,000 feet? Only if the pilots are working for DX contacts.

Jeff, KE4AUT, PPSEL
--
Jeffrey M. Valley
valleyj@freenet.fsu.edu
valleyj@world.std.com
valleyj@romulus.housing.fsu.edu

4525. Re: San Jose Area Man busted for Cell phone cloning

Newsgroup: rec.radio.scanner
Date: 1994-10-28 01:33:37 UTC
From: Ed_Velez@smtp.svl.trw.com
Message-ID: <Ed_Velez-2710941733370001@macj712.svl.trw.com>
Source record: 266494
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

In article <crispCyA9zJ.5rM@netcom.com>, crisp@netcom.com (Richard Crisp) wrote:

> In article <Ed_Velez-2510940959390001@macj715.svl.trw.com>
Ed_Velez@smtp.svl.trw.com (Ed Velez) writes:
> >> That CNN news story mentioned a system developed by TRW I believed they
> >> referred to as "thumbprint" designed to prevent access to cell phone codes.
> >> Does anyone have specifics as to how this system works?
> >>
> >Product is "PhonePrint" and will analyze RF from each individual phone
> >used. No 2 phones have the same prints and cloners will be recognized and
> >dealt with accordingly.
> >
> >The november issue of 73 has a review of the MOTRON tx fingerprinter on
> >page 58. Concepts noted in the article apply to phoneprint to some extent.
> >
>
> Sounds like using a cannon to kill a fly
>
It's the best we can do at the moment. Yes other ideas are out there, but
have yet to be really developed. "A" key authentication has been spoken of
for a few years, along with using a "KEY" chip that inserts into your
phone. The phone would be a dumb phone until you plug in the chip. the
chip is unique to the phone, so even if a cloner gets your MIN and ESN,
it's digitized and he has no way to decode it(Not yet anyway)... Believe
me, if there were other ways available, I would think our product would be
out to pasture.

--
Ed Velez / KD2PM "Yet another transplant NJ----->CA"
kd2pm@n0ary.#nocal.ca.usa
kd2pm@aol.com
Ed_Velez@smtp.svl.trw.com

4526. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-28 01:34:05 UTC
From: gkd@bigwpi.WPI.EDU
Message-ID: <38pked$8l2@bigboote.WPI.EDU>
Source record: 266476

In article <38n5f5$eu9@sashimi.wwa.com>, Glen L. Roberts <fd@wwa.com> wrote:
>
>That wasn't my point. If we like listening to stuff on a scanner, we
>should encourage EVERYONE else to do the same.

OK, let's say my hobby is fishing and I like it. I should encourage
everyone to go fishing. Suddenly there are swarms and swarms of
fisherpeople all over my quiet little lake with their boomboxes,
screaming kids, speedboats, etc. The relaxing tranquility of the
experience is ruined, and I don't feel like fishing anymore.

Or maybe my hobby is hunting and I encourage *everyone* to go hunting.
The woods are then so chock full of hunters that even in the unlikely
event that I manage to spot some game, I wouldn't be able to shoot at
it for fear of hitting another hunter. [No flames about guns or hunters,
this is just an analogy.]

What if I liked mountain climbing, canoeing, or even golf. I certainly
wouldn't want *everyone* doing these activities or our mountains, rivers
and golfcourses would be so mobbed with every Tom, Dick and Harry that
the activies would be ruined for those who truly appreciated their essence;
and the resources upon which each activity depends would be trashed by
people who did not have any true regard for their preservation.

But I would not hesitate to teach fishing to someone who saw beauty in
the tranquility of the lake, or to teach hunting to someone who identified
with being in the wilderness environment, or to teach mountain climbing to
someone who saw the mountain as a the awesome natural creation that it is,
or to teach golf to someone who valued the relaxed social interaction which
makes the sport popular.

And I would not hesitate to teach scanning to someone who truly appreciated
the wonders of radio waves and the art of communications monitoring. (Yes,
some of us *do* view it as an art.) I would definitely _not_ teach
scanning to some busybody just looking for gossip material, or to some
lawbreaker trying to avert the police, or to some overzealous reporter
wanting a cheap story. In fact, I would not teach scanning to anyone whose
behavior would be detrimental to maintaining access to the signals
travelling within our natural resource - the radio spectrum - upon which
the hobby depends.

Sorry Glen, you and I are on opposite ends of the spectrum on this one.

Greg
(gkd@wpi.edu)

4527. Re: Automatic Recording Start

Newsgroup: rec.radio.scanner
Date: 1994-10-28 01:36:42 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CyD0H6.CDu@nntpa.cb.att.com>
Source record: 266495
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <6b.1247.2926@sound.com>,
Richard Dale <richard.dale@sound.com> wrote:

>BJ>I would like to have a tape recorder start recording only when the
>BJ>squelch breaks....

> One of the old Bearcat scanners, the 250 I think, had such a device
> built in, and you could activate it (or not) on each channel. I've
> never seen another scanner like it, and wonder why it's not standard
> equipment.

The Electra Bearcat BC-300 and BC-350 had the same tape feature as the
BC-250.

You could program an "AUX" bit associated with each memory channel.
The rear terminal strip connections would activate a recorder
if the squelch opened while the scanner was on a channel with the
AUX bit set. Electra used a transistor to do the switching instead
of the relay used in more modern Icom receivers.

The contacts are useful in other applications, like switching on a
descrambler, converter, or transmitter (for repeater operation).

VOX operated cassette recorders are now more popular and today's
average scanner buyer has less need for auxiliary contacts.
I miss them, and the AUX bit facility, too.
--
==========
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4528. Pro-43 Pager Interference

Newsgroup: rec.radio.scanner
Date: 1994-10-28 01:42:49 UTC
From: duane@wheels.aar.com
Message-ID: <38pkup$bua@agate.berkeley.edu>
Source record: 266475

My Pro-43 picks up lots of pager interference from about
160.2 to 160.8 Mhz. The pagers even come in without the
antenna connected, which leads me to wonder if there's a
sheilding problem. Do I have a defective unit, or do
others have this problem too? Any ideas for fixing this?

Tnx and 73,

Duane, KA8VTC

For information about this Usenet posting service, send mail to
remailer@soda.berkeley.edu, with Subject: remailer-info.
Please, don't throw knives.

4529. Mods for Discriminator output

Newsgroup: rec.radio.scanner
Date: 1994-10-28 01:48:49 UTC
From: pulse@sv.span.com
Message-ID: <783254656snx@sv.span.com>
Source record: 266434

I am soon to buy a scanner, but before I buy one I'd like to know which one will be good for the purpose. I need to take a discriminator output from it which will be converted to TTL and sent to my PC. What would be very helpful would be if anyone has ever modified their scanner to take an output from it could they please tell me on which machine they did it, and give me a little bit of guidance.

I vaguely know someone who has modified an MVT7000 for this purpose but I can't get in touch with him for some help. It should preferrable be a quite cheap scanner that does 800-1000 aswell please.

Would it be possible with a Pro-43 ? (They're a pretty decent price).

Please e-mail me if possible as I very rarely get a chance to download news these days.

Thanks in advance,
Kelvin.
[::Kelvin Lawson:::pulse@sv.span.com:::+44-244-675577:::E-Mail for PGPKey::]

4530. Re: Yupitera MVT-7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-28 01:59:35 UTC
From: dmunroe@vcd.hp.com
Message-ID: <CyD1JB.EwE@vcd.hp.com>
Source record: 266477

<adn6285@ritvax.isc.rit.edu> wrote:

>Not to discuss the etics of breaking the laws in general (hey, we all drive a
>little faster than 55 for example), there is no way I can condone you
>listening on to a PRIVATE cellular or cordless phone conversation. That is
>unethical any which way you look at it.
>Mike.S

But it's not private, even though many people with cellphones or cordless
phones have been fooled into believing that. That's the whole issue that's
at stake here. If it's got an antenna on it, it *cannot* be private unless
it's encrypted.

Short of having the FBI or FCC travel around in snooper vans, there's no
way to enforce such an idiotic law.

Even my Motorola cellphone manual has a notice in it that the phone transmits
"on radio frequencies" (heh) and they do not guarantee privacy.

-Dave

,--.
| / |
| Dave Munroe / Hewlett-Packard |
| dmunroe@vcd.hp.com / Vancouver, Washington |
| / |
`--'

4531. Wilmington, Mass., Tach 5 freq.

Newsgroup: rec.radio.scanner
Date: 1994-10-28 03:01:31 UTC
From: DOUSMI@delphi.com
Message-ID: <38ppib$l6e@news.delphi.com>
Source record: 266482

Quoting chris from a message in rec.radio.scanner

>We have checked every book we could think of, and have come up with
>nothing. We have no idea where to begin to search.

Chris,
Hunting for a frequency can somtimes be challenging. Here are
some things you can try:

1. Find the local CB/RADIO shop. Often places that sell scanners
sell frequency lists or they will tell you what you want to know.

2. Get POLICE CALL for your area and see what police frequencies
are licensed in the area. Maybe TACH 5 is a mutual aid channel.

3. Scan repeater inputs for pairs not in use. A PD near me had
a bunch of 5 watt handhelds on a repeatr input channel. They
used simplex. Most people scan the outputs and don't even think
of the inputs. If the officers are close to you scan every
input through a range. Add the up split value and listen there
to see if you can hear any activity.

The police like to think frequencies are "secret" but with
some active listening and checking of signal strengths it
really doesn't take that long! Good luck.

Doug Smith

Rainbow V 1.02 for Delphi

4532. Radio ratings by monitoring car recievers?

Newsgroup: rec.radio.scanner
Date: 1994-10-28 03:07:03 UTC
From: ddalton@primenet.com
Message-ID: <38ppsn$nat@news.primenet.com>
Source record: 266388

An Arizona Republic article on Wed, Oct 26 mentions that "Trendata measures radio signals emitted from vehicles at different points around the valley". The article was explaining why some local DJs were fired due to low ratings.

I've seen some postings here about how scanning receivers can be detected and I can see how this might be possible, but I am suprised to think that it would be practical enough to implement for ratings determination. Anybody have more info on this?

Dave

4533. ENOUGH ALREADY!!!!!!

Newsgroup: rec.radio.scanner
Date: 1994-10-28 03:18:24 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <CyD56p.LEC@freenet.carleton.ca>
Source record: 266486

Just thought I would fill everyone in on some important points in the ongoing battle over waste of bandwidth:

1 - Your assuming everyone who reads this newsgroup is concerned with what the U.S. government is doing to regulate scanner use. There is more to the universe than the U.S.

I live in CANADA, and don't give a sh*t about what your government is doing to limit your scanning abilities. If your so concerned with how Clinton is infringing on your rights, then I'm sure you can find an acre or two of Canadian soil to park your self down on.

2 - If you all spent as much time writing to your respective representatives, as you spend bitchin' at each other here, I'm sure you would get something done.

3 - If everyone wants somewhere to discuss the politics of the hobby, then lets create a new newsgroup. Possibly Rec.radio.politics, then anyone who didn't give a damn (like me), wouldn't waste their time skipping over them. And all you wanna-be politicians would have somewhere to play.

Now, if anyone has anything to say about this, then I will welcome your comments.

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

4534. Re: pro-34 or AOR AR1000XLT ?

Newsgroup: rec.radio.scanner
Date: 1994-10-28 04:02:02 UTC
From: cbscan@aol.com
Message-ID: <38pt3q$fm1@newsbf01.news.aol.com>
Source record: 266485

In article <shawrCyBDsx.Koq@netcom.com>, shawr@netcom.com (rich shaw)
writes:

AOR is a pain in the a-- to program. Not very good sensitivity. The only
plus I found was WFM.

4535. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-28 04:20:58 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct28.042058.6249@hpcvaac.cv.hp.com>
Source record: 266487
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

jat741@rs740.gsfc.nasa.gov (Truesdell, Jordan) writes:

: >
: > Washington, DC -- If private encryption schemes interfere with
: > the FBI's ability to wiretap, they could be outlawed, according
: > to recent comments made by the agency's Director Louis Freeh.
:
: Richard (et al.)
:
: Pray tell, what is it that you are doing that
:
: a) You need to encrypt your transmission and
:
: b) You don't want the government to find out what you're sending.

There are many reasons to encrypt transmissions. I, for one, would not want to send company sensitive information over the network. This media is a long way from being secure. If it is encrypted, then industrial spies cannot steal the information.

The problem is, if the government can decrypt the communication, then others are going to be able to get the information to do so as well. I don't care how carefully the government tries to protect the info, which probably will not be very hard - as it certainly would not fall under any "national security" blanket.

There is another problem. Once the communication has been decrypted, the government has the key for that chip - forever. The only way to gain back some privacy is pay the manufacturer for a new chip.

:Perhaps you should rethink your angle on this. If you had a blanket covering a
:bunch of "stuff" in the back seat of your car, wouldn't you expect the local
:authorities to become suspicious? What if you didn't allow them to look
:underneath, even with a warrant?

No, I would not expect them to be suspicious.

You cannot stop the police from searching your car - if they have a warrant. However, I certainly would refuse - if they didn't.

This in not exactly analagous, anyway. Criminals, except for the criminal cops, are not in the habit of stopping cars and searching them - with or without a warrant.

: Please don't get me wrong - I don't particularly like the idea of any
: "backdoor" on encryption. In fact, if the legislation comes up to outlaw
: private encryption, I'll be calling my rep on the hill to voice my opposition.

: All this just makes you sound very suspicious...

Business is not screaming about the Clipper chip because of the possibility
of the government spying. They are complaining for the reason I listed above.

Bill

4536. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-28 04:27:19 UTC
From: glennh@pnw.net
Message-ID: <38puj7$hli@cascade.pnw.net>
Source record: 266488
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In a parinoid voice Andy Domonkos (domonkos@access.digex.net) wrote:

: A friend and I were recently discussing 'Big Brother' issues and his
: reply was 'I'd rather have the US Govt snooping on us than anyone else...'
: What? I dropped the subject, with that kind of apathy no wonder Washington
: is full of jail bait...

So if these blinded and ignorant apathetic people don't vote then you are
in the group of assholes that voted these people in. OTOH if these sad
and sorry creatures did vote and this is what they got then you are
against the democratic process. You know, the majority rules? Oh wait,
with that kind of apathy, because they don't agree with your hysteria
then they just didn't vote correctly...uhhmmm the way you wanted them too.
I can see clearly now...thanks.
--
Glenn Hansen - KB7PKC
<glennh@pnw.net>
Tacoma, Wa

4537. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-28 05:03:55 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct28.050355.7267@hpcvaac.cv.hp.com>
Source record: 266508
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

jnormandin@umassd.edu (JERRY NORMANDIN) writes:
: One of My Books that are sitting on my book shelf is entitled:
: THE LASER DOPPLER TECHNIQUE
: I bought it from the M.I.T. Bookstore.
:
: I have a BSEE.
:
: LASER DOPPLER RADAR DOES EXIST! HOW DO YOU THINK YOUR LOCAL TV STATION GETS
: THOSE NICE WEATHER RADAR MAPS? SOME ARE MICROWAVE BUT SOME ARE LASER DOPPLER!
: ALSO THE FAA IS LOOKING INTO BUILDING A WINDSHERE DETECTION DEVICE, it uses
: guess what ..... LASER DOPPLER RADAR. Raytheon may be awarded this project.
Certainly it does. So what? It is not being used for automotive speed
measuring equipment - so your yelling is irrelevant.

: LASER RADAR CAN BE EASILY STEALTHED! ANY CAR CAN BE SET UP to absorb the
: infrared light. or use multi faceted material.

Uh,huh. And, just what are you going to use? Even black does not absorb
most of the infrared. Sure, you can reduce the returned signal - but
that is all. At 200-300 feet, you are not going to be able to reduce
it enough. Remember, unlike doppler shift speed measuring equipment,
the distance to the target does not matter materially.

Bill

4538. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-28 05:06:53 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct28.050653.7365@hpcvaac.cv.hp.com>
Source record: 266509
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

jnormandin@umassd.edu (JERRY NORMANDIN) writes:
: >:
: >: ALSO I thought the radar used in metropolitan areas were at least 25 WATT.
: >
: >No way. They are under 1 watt - with a horn antenna that amplifies the
: >signal (by making it much more directive) by about 100 times. I seem to
: >recall that they were around 100 mw - which would mean the effective
: >radiated power would be about 10 watts - at the mouth of the horn.
: >
: >Bill
: Gee Som small Radar Ranges are at 10Watts.

The smallest "Radar Ranges" I have seen are about 300 Watts.

My point was, the ERP does not have much to do with any hazard.

Bill

4539. Re: WTB: Radar gun...

Newsgroup: rec.radio.scanner
Date: 1994-10-28 05:14:29 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct28.051429.7435@hpcvaac.cv.hp.com>
Source record: 266510
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

jnormandin@umassd.edu (JERRY NORMANDIN) writes:
: In article <1994Oct16.070748.22220@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
: If you had college calculas you can understand the theory. It's not a
: nontechnical book. With the information provided you can make your own
: device (NO SCHEMATICS BUT ENOUGH THEORY SO IT WILL NOT BE A PROBLEM)
: And do some math, what is the best frequency of light for this
: device... use common sense. Infra Red causes Jitter so... please
: Mr. that tells me no such thing as Laser Doppler Radar that NASA allready tested and the Air F
: Air Force allready has... tell me... what's the frequency Kenneth
:
: MAN, I'm not just a hobbyist, It's how I earn a living. Check out the book rt tt sth aDzleWis a y o
:
: YOU WILL BE FASCINATED AND LEARN SOMETHING AT THE SAME TIME.

I already responded to this in a previous posting. As I stated there,
your argument is immaterial. I am well aware of doppler laser, it has
been around for about 20 years. It is just that the laser speed measuring
devices do not use doppler, they are Time and Distance, and laser is very
good at measuring distance.

There may be an exception. I think it was Gary C. who stated that the
Georgia police have experimented with doppler laser.

Bill

4540. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-10-28 05:23:20 UTC
From: glennh@pnw.net
Message-ID: <38q1s8$jrc@cascade.pnw.net>
Source record: 266489
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Andy Domonkos (domonkos@access.digex.net) wrote:

: One could use the kill file feature? But then, might as well stick one's
: head into a hole in the ground and pretend the real problem doesn't exist?

I for one would hate to use the kill feature on Richard. He does post
some good stuff on here related to actual radio listening on occasion.

: I'd rather see Rich's comments, he's trying to incite people to get motivated
: into changing the system for the better, but then again, some people don't
: want to change for fear of losing their status...

Same crap I hear from the bible thumpers knocking on my door on Saturday
mornings.

: BTW, I've been keeping track recently, the number of flames against Richard
: are catching up to his number of posts; who's wasting bandwidth? Perhaps
: attitudes will change when the govt restricts your use of shortwave.

So what you are saying is the number of people asking for an end to this
political bullshit on the .radio forum is becoming equal to one mans post?
Doesn't that tell you anything. I would suspect that many of the readers
here come to these forums to relax and use their hobby as a diversion
from the everday pressures of their lives. Why not start a mail-list for
those that want to be informed of the impending doom and leave this forum
to hobbist. You could even start a rec.radio.legislation.against.us.all
and we could ramble on forever and be right on topic. But then again you
wouldn't beable to elighten the ignorant masses like your brothers the
door to door bible thumpers.

BTW, you mentioned if anyone E-mailed you, you were going to post them
here anyway? How come? Should I post the letters I received from people
that agreed with my opinion of pulling this crap off of here? I won't
because I respect their rights too. They used E-mail for their own reason
and it isn't for me to judge why.
--
Glenn Hansen - KB7PKC
<glennh@pnw.net>
Tacoma, Wa

4541. Re: Strange (?) reception - PRO34

Newsgroup: rec.radio.scanner
Date: 1994-10-28 05:31:46 UTC
From: glennh@pnw.net
Message-ID: <38q2c2$k44@cascade.pnw.net>
Source record: 266490

Steve (carmins@dayton.saic.com) wrote:
: For all of you PRO-fanatics out there, I have a (dumb?) reception
: question with which you may be able to help:

: On my PRO34, I receive what sounds (to me) like an unmodulated
: carrier, which slowly (very slowly) rises in frequency, starting at
: approx 150.000MHz, going up to 160.000+ Mhz or so. The change is very
: gradual; I can listen, for instance, to the Co. Sheriff (155.415),
: where the carrier will slowly "rise" to the frequency, interfering with
: the reception of the Sheriff. I can increase the squelch, and this
: works until the carrier keeps the squelch open (full squelch). Then,
: the carrier slowly drifts higher, I can reduce the squelch, and
: everything is ok again - the carrier slowly slides onward up the
: frequency scale.

: I've just started noticing this odd behavior in my PRO34. It does not
: seem to be a " local" problem. Trips to Cincinnati/N. Kentucky (50+
: mi away) show identical "interference".

: Am I just a victim of intermod with this single-conversion scanner? Or
: is my 34 due for replacement?

Well it is getting close to Halloween!! Have you tried sprinkling it with
holy water?? :-0

Sorry. Sounds like a problem with the radio. Have you tried removing the
antenna and seeing if it is still there? If it is you have the problem in
your hand....in the radio in your hand.
--
Glenn Hansen - KB7PKC
<glennh@pnw.net>
Tacoma, Wa

4542. Re: Pro-43 Pager Interference

Newsgroup: rec.radio.scanner
Date: 1994-10-28 05:37:42 UTC
From: glennh@pnw.net
Message-ID: <38q2n6$kca@cascade.pnw.net>
Source record: 266491

duane@wheels.aar.com wrote:

: My Pro-43 picks up lots of pager interference from about
: 160.2 to 160.8 Mhz. The pagers even come in without the
: antenna connected, which leads me to wonder if there's a
: sheilding problem. Do I have a defective unit, or do
: others have this problem too? Any ideas for fixing this?

I have a pager problem with my Pro-43 and Alinco DJ-580 on VHF also. I haven't tried it without the antenna but I did try one thing. Being bored one day I wrapped the little sucker in aluminum foil with just enough of a gap to read the frequency display. Bingo...no more interference from the dreaded pager tower a block away. I put up with the interference because I was afraid the XYL might think it was a potato and throw it on the coals!

--
Glenn Hansen - KB7PKC
<glennh@pnw.net>
Tacoma, Wa

4543. Re: Radio Politics

Newsgroup: rec.radio.scanner
Date: 1994-10-28 05:46:26 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct28.054626.7735@hpcvaac.cv.hp.com>
Source record: 266514

domonkos@access4.digex.net (Andy Domonkos) writes:
: bill nelson (billn@hpcvaac.cv.hp.com) wrote:
:
: : And, so will most of those who you vote in. We need at least a strong
: : three party system in this country - not two "good old boy" clubs.
: ^^
: : Bill
:
: The people are waking up! Perhaps there is hope, but I'm still getting
: my passport outta' here...

I have been saying that we need at least a three party system, for the
past 30 years. Mainly, my arguments fall on deaf ears.

Bill

4544. Re: Bad Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-10-28 05:55:46 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct28.055546.7808@hpcvaac.cv.hp.com>
Source record: 266515

henniger@cisco.com (Mickey Henniger) writes:
:
: If a US senator wants to keep his job - he will.
: The only time a US senator does not get to keep his job is if he makes so
: many enemies in Washington, those in power there decide to throw him out.
:
: (e.g. tax evasion, misappropriation, indecent personal behavior, etc,
: or any of the other things they either did or didn't happen, but everyone
: believes. They either resign or the manipulated public vote them out.)
:
: The only other way is for the senator to decide to not run for reelection.

Not quite true. Here in Oregon, Denny Smith was defeated, after the
population became disgusted enough with his antics. This November, he
is running for Governor of our State. It is too bad that he is running
against an incumbent idiot who thinks that, since we voted through a
property tax limitation, that it means we want a sales tax - totally
ignoring the one that went down in the last year or two by a three to
one margin. Talk about a one track mind. Smith just might win, and
I don't know which of the two would be worse.

Bill

4545. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-28 06:00:39 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct28.060039.7872@hpcvaac.cv.hp.com>
Source record: 266516

domonkos@access.digex.net (Andy Domonkos) writes:
: In article <hpeach.169.004E4140@ca.uky.edu>, Harold G. Peach Jr. wrote:
: >
: > I was not aware that any of the current statutes prohibited someone from
: > demodulating digital signals. I thought it only prohibited individuals from
: > decrypting encrypted signals.
:
: It specifies non-public encoded transmissions. There's a difference between
: digital encoding and encryption. Any encrypted signal must be NSA approved
: (perhaps not directly but the NSA does dictate encryption standards; they
: will not endorse/allow any encryption that they cannot easily decode). Any
: encryption deemed public will be decryptable but what's the point? If the
: law enforcement agencies adopt encryption key management techniques it will
: be nearly impossible to follow the 'code of the day' without the ultimate
: in suoer computers.

As far as I know, encryption is not controlled by any government agency.
There are those that wish they were - witness the attempts to foister the
Clipper chip off on business.

: We are far from enryption being adopted by the law enforcement agencies.
: They couldn't handle the logistics involved in key management.

Actually, key management is trivial now - given the ability to now set the
encryption over the air - which would, of course, require that the radio
already be programmed with the previous encryption key.

: Digital encoding is the wave of the future and the future scanners will
: easily incorporate the decoders.

I hope so.

Bill

4546. Re: WTB:Radar Gun (Bill Nelson)

Newsgroup: rec.radio.scanner
Date: 1994-10-28 06:07:05 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct28.060705.7968@hpcvaac.cv.hp.com>
Source record: 266517

scott@hp8c.nrl.navy.mil (Scott) writes:
: Hey Bill,
:
: I hate to break your bubble about radar jammers being illegal, they are not!
: If you check the FCC rules, you can tx <5 watt's and be legal. Reading last
: months Car Stereo, I think that's the name, they reviewed a radar jammer. It's
: a combo detector/jammer. The detector sample's incoming RF, shifts the freq.,
: and retransmit's it at less than 5 watts. Therefore no restrictions.

I suggest that YOU check the FCC rules. Jamming of any signal is illegal in
the US, unless performed by one of our governmental agencies, NO MATTER WHAT
THE POWER LEVEL MAY BE.

: Although I believe it would still be illegal in Va., due to it being a radar
: detector.
: If you have any question's about it, I'll try to dig it up and fax you a copy
: of the article.

I would instead, prefer cites from the FCC rules and regulations that allow
such transmission of a signal. Magazine articles are notoriously inaccurate.
This is even more true for a magazine specializing in audio - and not rf.

Bill

4547. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-10-28 06:09:15 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct28.060915.8033@hpcvaac.cv.hp.com>
Source record: 266519

guru314708@aol.com (GURU314708) writes:
: In article <1994Oct16.063856.21752@hpcvaac.cv.hp.com>,
: billn@hpcvaac.cv.hp.com (bill nelson) writes:
:
: What is AM??? Isn't that what they call Ancient Modulation!
: Even if it does not work now did it ever on any radio 100%???

I wish the weenies at aol would get decent news software. I did
not write any of the above - my name should not be included.

Bill

4548. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-10-28 06:10:52 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct28.061052.8098@hpcvaac.cv.hp.com>
Source record: 266518

guru314708@aol.com (GURU314708) writes:
: In article <1994Oct16.063856.21752@hpcvaac.cv.hp.com>,
: billn@hpcvaac.cv.hp.com (bill nelson) writes:
:
: What is AM??? Isn't that what they call Ancient Modulation!
: Even if it does not work now did it ever on any radio 100%???

You might, but it is still in common use. I use it frequently
when I fly aircraft.

Also, SSB is a type of amplitude modulation - it is just that
the unneeded portions are discarded, before being transmitted.

Bill

4549. Re: Yupitera MVT-7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-28 06:32:41 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct28.063241.8413@hpcvaac.cv.hp.com>
Source record: 266520
Cross-posted to: rec.radio.scanner,nj.market.misc,ny.forsale

adn6285@ritvax.isc.rit.edu writes:
:
: Not to discuss the etics of breaking the laws in general (hey, we all drive a
: little faster than 55 for example), there is no way I can condone you listening
: on to a PRIVATE cellular or cordless phone conversation. That is unethical any
: which way you look at it.

No more unethical than you transmitting your trivial conversations through
my body and house - without my permission.

Bill

4550. Re: Phone Chip Installed in phones since Jan '93

Newsgroup: rec.radio.scanner
Date: 1994-10-28 06:37:31 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct28.063731.8485@hpcvaac.cv.hp.com>
Source record: 266521

tbohr1@ed8751.pto.ford.com (Tim Bohr(R)) writes:
:
: To all our electronic and privacy advocates out there:
:
: Has anyone heard a anything about the govt supposedly requiring ALL new
: phones sold since Jan 1 1993 to have some kind of CHIP installed
: so they can wiretap more easily? A friend of mine relayed this story
: to me, maybe he heard some variation of the Clipper chip story.

Nope, no such thing has been required, or has even been proposed.

Why would they do something like that anyway? It is far easier to do
the tap at the central office.

Bill

4551. Re: Distance

Newsgroup: rec.radio.scanner
Date: 1994-10-28 06:44:21 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct28.064421.8557@hpcvaac.cv.hp.com>
Source record: 266504

gary@phoenixs.co.uk (Gary Smith) writes:
: What distance can I expect a hand held scanner to be able to pick
: up radio signals above 30MHz with a) the telescopic antenna which came
: with it b)an external antenna slapped onto my chimmney stack?

There is no way to answer this question. It depends on the frequency, they time of day, the season of the year, the state of the sunspot cycle, weather conditions, the particular scanner/antenna combination, what other strong signals may be in the area and which frequencies they may be on, etc. For the external antenna, it would depend on the antenna, how high it is, anything that may be around that may block or reflect the signal, the manufacturer of the coax, the type of coax, the length of the coax. Also, electrical noise in the area will have an effect on reception - with both types of antennas.

Bill

4552. Recording 2006 audio with inex. vox recorder - How?

Newsgroup: rec.radio.scanner
Date: 1994-10-28 07:41:20 UTC
From: "Gregory yea... you can call me Greg" <gregmason@delphi.com>
Message-ID: <Ba607oI.gregmason@delphi.com>
Source record: 266492

I've run into what is probably a simple problem. Perhaps someone who's solved
it can share the fix with me:

I thought that id program my scanner with Secret Service freqs, and monitor then
radio while I'm at work using my small cassete recorder. It's a realisitc,
with the vox feature (minisette 15). Id been able to do similar things with
the casette and my pro43. Anyhow, I connected the radio, via the tape-out
plug in the back, to my recorder. I used a short male rca to male 1/8 stereo
adapted to monoral with the apropriate adaptor. The moment I plugged it in
the tape began to run. When I turned the radio off, the tape quit rolling.
Pro46 same problem. Then I plugged it into
my pro43 when I lowered the volume the casette worked when there was audio
outyput, and turned itsself off when there was none. I went back to my 2006,
tried
turning the volume way down... nothing. Tried using the aux speaker plug...
nothing. Tried using the earphone plug in the front of the case... again,
no help.

Can anyone explain this phenomenon? Maybe offer a solution short of using
my Pro43, or getting a new casette?

Thanks,
---Greg

4553. Re: Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-28 08:10:46 UTC
From: dpalik@violet.ccit.arizona.edu
Message-ID: <1994Oct28.011046.1@violet.ccit.arizona.edu>
Source record: 266375

In article <crispCy8uy5.Eo1@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
> In article <j_norfleet-2510941025410001@132.236.178.15> j_norfleet@cornell.edu (Justin Norfleet) writes:
>>This doesn't have anything to do with whether or not you can use your
>>scanner on board an aircraft. That's up to the carrier and ULTIMATELY
>>up to the pilot. So ask.
>>
>>This does have to do with where to find frequencies to listen to.
>
>
> Delta and Reno permit scanners to be used at over 10LK feet altitude.
>
> United and American prohibit their use :-(

Continental bans them too.

>
>
> --
> Richard Crisp Cupertino, Ca. crisp@netcom.com
> (415) 903-3832 wk (408) 253 4541 fax
> For PGP Public Key, type finger crisp@netcom.com
> In the US we have three boxes that matter, the soapbox, the ballot box,
> and the cartridge box. Let's effectively use the first two so we do not
> have to resort to the third!

4554. TR-2400

Newsgroup: rec.radio.scanner
Date: 1994-10-28 08:23:32 UTC
From: dadams@netcom.com
Message-ID: <dadamsCyDJB8.6yA@netcom.com>
Source record: 266496

Has anyone used the new Trident TR-2400 handheld scanner?

100 khz to 2060 mhz certainly seems impresive on paper at least...

4555. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-10-28 09:15:04 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <38qfeo$9lu@freenet3.scri.fsu.edu>
Source record: 266498
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Andy Domonkos (domonkos@access.digex.net) wrote:
: In article <CyB33H.8zv@news.Hawaii.Edu>, Jeffrey Herman wrote:
: BTW, I've been keeping track recently, the number of flames against Richard
: are catching up to his number of posts; who's wasting bandwidth? Perhaps
: attitudes will change when the govt restricts your use of shortwave.
: No personal e-mail responses, please, I'll repost them here anyway...
: Andy
Hey guys! I just got an e-mail from this guy in Europe saying that he
didn't give a damn about our problems, so keep them off of this
conference because it is international. I diplomaticly reminded him of
what happened over there 50 years ago and asked for his experienced
advice as to how we can avoid the same problems. I am looking forward to
his postings here. ;-)
73's...chuck...KE4QPU...

4556. Re: Scanners in the UK

Newsgroup: rec.radio.scanner
Date: 1994-10-28 09:24:10 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <783336250snz@javiaton.demon.co.uk>
Source record: 266499

In article <38dscn$137@newsbf01.news.aol.com> dmoore1@aol.com "Dmoore1" writes:

> I am planning on bring my Bearcat 200XL to London, is there
> anything I should know? Any laws I need to know about. Are
> scanners allowed on British Airways flights?

With regad to BA all I would suggest is ask one of the Cabin Staff when boarding to OK it with the Boss man in the driving seat. If he says No well its No.

Using your BC200XLT in the UK will not be a problem providing you don't wave it about too much in public. Owning a scanner in the UK is not illegal neither are their any restrictons on coverage but as a "man in the street" all you can legally listen to is Broadcast band Radio and Amateur Transmissions - anything else is technically a no no.

Don't be silly and you won't have any problems. Looking at the number of radios you might see at a civil or military airfield in the UK you might wonder what I'm on about !

You might find with your Bearcat that one or two transmissions will be in the incorrect mode and increment step. The BC200XLT with default to FM in all bands except the aircraft band. A local frequency used by the Police 152.3375MHz, AM - its no great problem though so bring your scanner and enjoy your visit.

--
Cheers,
/--\
Jonathan Clough,	AOR - Alinco - Camnis - Commtel - Bearcat -
Javiation,	Fairmate - Icom - Sony - Lowe - Realistic -
Bradford, UK	Signal - Tandy - Uniden - Yupiteru & Others
\---
Compu$$erve: 100117,535
Internet : Clough@javiaton.demon.co.uk
\--/

4557. Re: Recording 2006 audio with inex. vox recorder - How?

Newsgroup: rec.radio.scanner
Date: 1994-10-28 11:03:55 UTC
From: tjmiles@delphi.com
Message-ID: <Rmy0bkL.tjmiles@delphi.com>
Source record: 266497

Gregory yea... you can call me Greg <gregmason@delphi.com> writes:

>I've run into what is probably a simple problem. Perhaps someone who's solved
>it can share the fix with me:
>
>I thought that id program my scanner with Secret Service freqs, and monitor then
>radio while I'm at work using my small cassete recorder. It's a realisitc,
>with the vox feature (minisette 15). Id been able to do similar things with
>the casette and my pro43. Anyhow, I connected the radio, via the tape-out
>plug in the back, to my recorder. I used a short male rca to male 1/8 stereo
>adapted to monoral with the apropriate adaptor. The moment I plugged it in
>the tape began to run. When I turned the radio off, the tape quit rolling.

Greg,
I experienced the same problem running the tape-out port on my Pro-2006
to a vox cassette recorder. The recorder would start recording even when
there was no sound. However, I managed to get it to work using the front
headphone plug -> mic jack on the recorder -- *but* I didn't use a regular
1/8" to 1/8" miniplug cable to make the connection. This might be where our
experiences with this differ. I bought and am using a cable from Radio Shack
that has 1/8" plugs on each end, but it's also an attenuating cable. If you
go down and look for it, it's got red plastic on the ends/plugs with a
short length of black cable. Hopefully, this will get it to work for you too.
Good luck with it....

Terry

4558. Winter Park PD (FL) Freq?

Newsgroup: rec.radio.scanner
Date: 1994-10-28 11:25:36 UTC
From: sbradley@sgb.oau.org
Message-ID: <CyDrqq.L5n@sgb.oau.org>
Source record: 266376

As of this past Wednesday (yes, two days ago), the local Winter Park Police Department in Winter Park, Florida flew up to their new 800 mhz frequencies.

I do not know what the system is and I have one of the frequencies:

866.3375

It was located last night. They have not apparently thought it needed to licence the new system though, or they made the decision after the Police Call 1994 went to print. Considering how long it normally takes for any decision of this kind, I am surprised it is not listed, but the one active frequency search mode revealed is not even listed under the "by frequency" section!

If you have any clues or a better database, please advise!

Thank you.

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

4559. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-10-28 11:35:01 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <38qnl5$hqr@umcc.umcc.umich.edu>
Source record: 266500
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Glenn, The communists love people that share your SHEEP wisdom. Call the Whitehouse and sign up, they should offer you a job as Internet OVERSEER. If you don't see that radio legislation is directly related to our hobby, you must be wearing rose colored glasses. I always thought this was an open forum for radio related discussion. Since radio laws are related to radio's I would assume this topic is related, but since you RUN the Internet and own all the rights to the radio forum, We should all kow-tow to you and do as you wish. We'll create another forum and call it Radio hobbyists with heads in their ---. Thank you for your leadership.. Les

4560. Re: AOR 1500 questions

Newsgroup: rec.radio.scanner
Date: 1994-10-28 12:28:49 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <783347329snz@javiaton.demon.co.uk>
Source record: 266502

In article <3884ac$jja@golem.wcc.govt.nz> hoey_s@kosmos.wcc.govt.nz writes:

> Hi. I have an AOR 1500. I have several questions. In the USA
> are there frequencies which are "missing" on the AOR 1500? Mine
> has all it's brains there, I'm curious about what they sell
> in the US.

I think you will find the AOR 1500 dissapearing from the US - it
may re-appear as the Trident TR-1500 without cellular frequencies
but I don't know.

> Next, is there some "trick" which will allow me to clear all the
> programmed channels on the AOR1500? It's pretty tedious if you
> decide to re-arrange everything and want to clear everything.

Do you have a AR1500 or a AR1500"E" ?

How do you tell ? - take the battery out - if you have a small
lead of two wires coming out from the radio with tape over a switch at the
end you have an "E".

The instruction will probably tell you how to re-set the CPU via
the keypad but you need to switch the "Switch" in the battery
compartment. If you don't have an "E" version and the lead isn't
there you need to fit one so you can re-set the CPU.

> Lastly, along the lines of the previous question, are there any
> undocumented key combos that I might be interested in?

Not that I know of I'm afraid.

--
Cheers,
/--\
Jonathan Clough,	AOR - Alinco - Camnis - Commtel - Bearcat -
Javiation,	Fairmate - Icom - Sony - Lowe - Realistic -
Bradford, UK	Signal - Tandy - Uniden - Yupiteru & Others
\---
Compu$$erve: 100117,535
Internet : Clough@javiaton.demon.co.uk
\--/

4561. Pro-43 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-10-28 12:40:44 UTC
From: domonkos@access.digex.net
Message-ID: <G2FikiubGsIM066yn@access.digex.net>
Source record: 266503

To all those w/out packet, I got this off the air this morning:

Sounds like a good deal...

Andy N3LCW

From : N2XCD
To : SALE @USA
Type/status : B$
Date/time : 25-Oct 04:01
Bid : 09809_WT3V
Message # : 200583
Title : FOR SALE PRO-43 SCNR.
Path: !KA4P!N3HYM!KQ4OK!KA3FMO!WA3NWL!K2ADJ!WT3V!

Date: Tue, 25 Oct 94 00:01:36 EDT
Subject: FOR SALE PRO-43 SCNR.
From: n2xcd@wt3v.nj.usa.na (Joseph)
Message-ID: <09809_WT3V> (Toms River, NJ)
To: sale@usa

Hi I have a pro-43 hand held scanner.Radio shacks best with these extra's
a.c. wall charger/ac supply,rechargeable pack,extra range ant.cig.lighter
for mobile.Works very well and has never been opened.Plus manual.

Give me a call at 908-349-2311 or Mail to WT3V.NJ.USA.NA

$200.00 OR BEST OFFER

HAPPY HOLIDAYS<<<<<<<<<<<<<N2XCD<<<<<<<JOE

========== End of message #200583 ==========

<CR> Continue <A>bort <R #> Read Message..>

4562. Looking for Northeast Military Air Freqs...

Newsgroup: rec.radio.scanner
Date: 1994-10-28 13:11:07 UTC
From: ASUSEE@MAINE.MAINE.EDU
Message-ID: <94301.091107ASUSEE@MAINE.MAINE.EDU>
Source record: 266505

I am in extreme Northern Maine and have been scanning the 200 to 400 mhz AM area and have had no luck. Anyone out there got a few freqs to get me started?
Thanx in advance.

Alan
N1QWT

4563. Re: Police Mods

Newsgroup: rec.radio.scanner
Date: 1994-10-28 13:21:59 UTC
From: kaweiss@silver.ucs.indiana.edu
Message-ID: <CyDx4o.KCD@usenet.ucs.indiana.edu>
Source record: 266506

I was driving on the 401 in Toronto, many years ago, and passed either
a Toronto or an OPP patrol car. There was a loud, pulsating squeal on my CB,
and I wondered if it wasn't some kind of jamming signal. I'd be interested,
too, to see if there was a mod out there to get rid of it.
Pete Womack.

4564. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-28 13:31:00 UTC
From: domonkos@access.digex.net
Message-ID: <GHFikiubGYeJ066yn@access.digex.net>
Source record: 266512
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <CyCMo0.Cz8@news.cis.umn.edu>, seth0004@gold.tc.um wrote:
>
> 5 million + americans wiretapped? What bullshit! I can't even imagine the
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
> amount of man hours it would take to listen to all the calls from 5 million
> people!
>
> >All the more reason to use PGP as often as possible! (I've slacked off
> >lately but I'm thinking about starting again...)
> >
> >I'd like to see ANYONE try to crack 50million 1024-bit keys... ;)
> >
> >
> I'd settle to see someone crack just one 1024 bit key.
>

Straight from the Department of Justice. They also revealed that less than
.1 percent (yes, 1/10 percent) were used in criminal prosecution).
My guess is you're not familiar with remote wire tapping thanks to modern
telephony switching stations.

Re; manpower, you're not aware of how many people are employed by the
federal government; (not including the military) they're the largest employer
in the U.S..

Andy

4565. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-28 14:02:55 UTC
From: pooka@access1.digex.net
Message-ID: <pooka.783352672@access1>
Source record: 266507
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

domonkos@access.digex.net (Andy Domonkos) writes:

<seth0004>
>> 5 million + americans wiretapped? What bullshit! I can't even imagine the
> ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
<snip>

<domonkos>
>Straight from the Department of Justice. They also revealed that less
than > .1 percent (yes, 1/10 percent) were used in criminal prosecution).
>My guess is you're not familiar with remote wire tapping thanks to modern
>telephony switching stations.
<snip>

Interesting figure -- presumably from some DoJ report. Could you post a
reference ? Thanks.

-pooka

4566. DT Bill Voting Records of the House/Senate(long)

Newsgroup: rec.radio.scanner
Date: 1994-10-28 15:14:44 UTC
From: crisp@netcom.com
Message-ID: <crispCyE2CK.n1M@netcom.com>
Source record: 266380
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.security.pgp,alt.radio.scanner

Here at long last is a list of the voting records of those Congress Critters
that are up in Washington snatching our liberties away daily.

Recall that the Digital Telephony Bill (DT) includes provisions
making it illegal to monitor cordless telephone calls, making it
illegal to possess a scanning receiver, and or hardware and software
used for gaining unauthorized access to telecommunications services
with the intent to commit fraud. (A very ambiguous wording that
probably means if you ahve a computer controlled scanner, you will
be accused of snatching ESNs from cellphones).

I post this as a public service, I prefer to not see any followups
to the radio groups, note the followups are directed to alt.test

------Let the truth begin-----

Duck of the Year:
Sen. Feinstein's (D-CA) actions during the Digital Telephony bill
played one tune to her constituents, and another in her voting
record. She consistently voted to support the bill. During this

time, hundreds of her constituents called asking her oppose it
and were told that she was "taking the matter under consideration".
She did *not* receive anywhere near the volume of calls asking
her to support it. She continued to vote in favor of the bill.

Because she ducked the issue so blatantly, we've instituted a
special award for her this year, the Rubber Duck. It's an
actual rubber duck, suitable for bath use (and yes, it floats)
that will be sent to her via US Mail.

Voters Telecomm Watch urges you to carefully consider the
Senator's positions (and the positions of her challenger)
before supporting her with either a campaign contribution or,
if you live in California, your vote.

DESCRIPTION OF VOTING RECORDS

These ratings are based entirely on votes and bill (co)sponsorships.

Key:
Voted/Events monitored:
Bill sponsorship and co-sponsorships
House Rules Committee marks HR3937 "open"; allowing
amendments (7/11/94)

Gutted by the House Select Committee on Intelligence
(6/14/94)

CE+++: sponsored/authored/introduced legislation supporting
cryptography exports
(up 2 1/2 letter grades)
CE++: cosponsored cryptography exports legislation
(up 1 1/2 letter grade)
CE+: voted supportively on cryptography export legislation
(does not necessarily mean legislator supported the
legislation)
(up 1 letter grade)
CE-: voted against crypto export legislation
(down 1 letter grade)

Digital Telephony
==========

The Digital Telephony bills (HR 4922 and SB 2375), sponsored by
Sen. Patrick Leahy and Rep. Don Edwards, caused the most
controversy in the online community this year. Receiving
virtually no public attention outside the Internet community,
online organization split themselves on the bills, with the
Electronic Frontier Foundation (EFF) working with the bills'
sponsors to hack in privacy protections. The ramifications of
this decision are still being felt on Usenet, as many people
realize that the EFF cannot be all things to all people.

The Electronic Privacy Information Center (EPIC) chose instead
to oppose the bill and worked with the Voters Telecomm Watch
(VTW) to generate grass-roots support against the bill. The
American Civil Liberties Union (ACLU) also opposed the bill.

Votes/Events tracked:
Senate Judiciary Committee vote on SB 2375 (9/28/94)
Senators' "holds" on the bill

DT++: voted against the Digital Telephony legislation
(up 2 letter grades)
DT+: placed a hold on the bill (even if for a short time)
(up 1/2 letter grade)
DT-: voted in favor of the Digital Telephony legislation
(down 1 letter grade)

'**' Items
==========

A number of legislators acted in some noteworthy manner this session
(though not always honorable). Although we decided not to score
these with points, we went ahead and used a '**' to note the
action.

GRADES OF REPRESENTATIVES & SENATORS

All legislators were given a score of 'C' by default. Since nearly the entire House voted for the Digital Telephony bill, all Reps start out with a D. All Senators start out with a D as well, since having given "unanimous consent", they all virtually voted for the Digital Telephony bill as well. If your legislator doesn't appear on the list below, assume they received a 'D'.

Representatives

Dist ST Name, Address, and Party Phone Fax
==== == ======================== ============== ==============
10 NC Ballenger, Thomas C. (R) 1-202-225-2576 1-202-225-0316
Grade: B-
Co-sponsored HR 3627, the cryptography exports bill (+1 1/2)
24 CA Beilenson, Anthony (D) 1-202-225-5911
Grade: C
Voted to allow amendments to repair gutted cryptography exports bill on 7/11/94 (+1)
1 NE Bereuter, Douglas (R) 1-202-225-4806 1-202-226-1148
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
1 NV Bilbray, James H. (D) 1-202-225-5965 1-202-225-8808
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
1 WA Cantwell, Maria (D) 1-202-225-6311 1-202-225-2286
** Outstanding US Representative for 1993/1994 **
Grade: A-
Sponsored HR 3627, the cryptography exports bill (+2 1/2)
16 TX Coleman, Ronald D. (D) 1-202-225-4831 None
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
19 TX Combest, Larry (R) 1-202-225-4005 1-202-225-9615
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
5 AL Cramer Jr, Robert E. (D) 1-202-225-4801 1-202-225-4392
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
6 WA Dicks, Norman D. (D) 1-202-225-5916 1-202-226-1176
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
32 CA Dixon, Julian C. (D) 1-202-225-7084 1-202-225-4091
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
4 CA Doolittle, John T. (R) 1-202-225-2511 1-202-225-5444
Grade: A
Voted against the Digital Telephony bill - HR 4922 (+2)
46 CA Dornan, Robert K. (R) 1-202-225-2965 1-202-225-3694
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)

16 CA Edwards, Donald (D) 1-202-225-3072 1-202-225-9460
Grade: B-
Co-sponsored HR 3627, the cryptography exports bill (+1 1/2)
** Sponsored the 1994 Digital Telephony bill - HR 4922 **
14 CA Eshoo, Anna G. (D) 1-202-225-8104 1-202-225-8890
Grade: B-
Co-sponsored HR 3627, the cryptography exports bill (+1 1/2)
19 OH Fingerhut, Eric D. (D) 1-202-225-5731 1-202-225-9114
Grade: B-
Co-sponsored HR 3627, the cryptography exports bill (+1 1/2)
4 MA Frank, Barney (D) 1-202-225-5931 1-202-225-0182
Grade: B-
Co-sponsored HR 3627, the cryptography exports bill (+1 1/2)
1 OR Furse, Elizabeth (D) 1-202-225-0855 na
** Co-winner of the VTW Rookie of the Year award **
Grade: A
Voted against the Digital Telephony bill - HR 4922 (+2)
17 PA Gekas, George W. (R) 1-202-225-4315 1-202-225-8440
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
4 KS Glickman, Daniel (D) 1-202-225-6216 1-202-225-5398
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
1 UT Hansen, James V. (R) 1-202-225-0453 1-202-225-5857
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
6 IL Hyde, Henry J. (R) 1-202-225-4561 1-202-226-1240
Grade: D
** Co-sponsored the 1994 Digital Telephony bill - HR 4922 **
4 WA Inslee, Jay (D) 1-202-225-5816 1-202-226-1137
Grade: B-
Co-sponsored HR 3627, the cryptography exports bill (+1 1/2)
19 FL Johnston II, Harry (D) 1-202-225-3001 1-202-225-8791
Grade: B-
Co-sponsored HR 3627, the cryptography exports bill (+1 1/2)
9 WA Kreidler, Mike (D) 1-202-225-8901 1-202-226-2361
Grade: B-
Co-sponsored HR 3627, the cryptography exports bill (+1 1/2)
14 TX Laughlin, Gregory H. (D) 1-202-225-2831 1-202-225-1108
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
40 CA Lewis, Jerry (R) 1-202-225-5861 1-202-225-6498
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
16 IL Manzullo, Donald (R) 1-202-225-5676 1-202-225-5284
Grade: B-
Co-sponsored HR 3627, the cryptography exports bill (+1 1/2)
8 IN McCloskey, Frank (D) 1-202-225-4636 1-202-225-4688
Grade: B-
Co-sponsored HR 3627, the cryptography exports bill (+1 1/2)

7 WA McDermott, James A. (D) 1-202-225-3106 1-202-225-9212
Grade: B-
Co-sponsored HR 3627, the cryptography exports bill (+1 1/2)
3 UT Orton, William H. (D) 1-202-225-7751 1-202-226-1223
Grade: B-
Co-sponsored HR 3627, the cryptography exports bill (+1 1/2)
8 CA Pelosi, Nancy (D) 1-202-225-4965 1-202-225-8259
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
1 TN Quillen, James H. (R) 1-202-225-6356
Grade: C
Voted to allow amendments to repair gutted cryptography exports
bill on 7/11/94 (+1)
2 RI Reed, John F. (D) 1-202-225-2735 1-202-225-9580
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
3 NM Richardson, William (D) 1-202-225-6190 1-202-225-1950
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
2 UT Shepherd, Karen (D) 1-202-225-3011 1-202-226-0354
Grade: B-
Co-sponsored HR 3627, the cryptography exports bill (+1 1/2)
2 CO Skaggs, David E. (D) 1-202-225-2161 1-202-225-9127
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
28 NY Slaughter, Louise M. (D) 1-202-225-3615
Grade: C
Voted to allow amendments to repair gutted cryptography exports
bill on 7/11/94 (+1)
22 NY Solomon, Gerald B. (R) 1-202-225-5614
Grade: C
Voted to allow amendments to repair gutted cryptography exports
bill on 7/11/94 (+1)
2 WA Swift, Al (D) 1-202-225-2605 1-202-225-2608
Grade: B-
Co-sponsored HR 3627, the cryptography exports bill (+1 1/2)
9 NJ Torricelli, Robert (D) 1-202-224-5061 1-202-225-0843
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)
** Note that this legislator was asked repeatedly over the
course of two months by his constituents to take a position
on the Digital Telephony issue and he refused. **
3 WA Unsoeld, Jolene (D) 1-202-225-3536 1-202-225-9095
Grade: B-
Co-sponsored HR 3627, the cryptography exports bill (+1 1/2)
12 NC Watt, Melvin (D) 1-202-225-1510 1-202-225-1512
** Co-winner of the VTW Rookie of the Year award **
Grade: A
Voted against the Digital Telephony bill - HR 4922 (+2)
3 OR Wyden, Ronald (D) 1-202-225-4811 1-202-225-8941

Grade: B-
Co-sponsored HR 3627, the cryptography exports bill (+1 1/2)
10 FL Young, C. W. (R) 1-202-225-5961 1-202-225-9764
Grade: F
Voted to gut cryptography exports bill on 6/15/94 (-1)

Senators

p st name phone fax
= == ========================= ============== ==============
D DE Biden Jr., Joseph R. 1-202-224-5042 na
Grade: F
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
** Co-sponsored the FBI Wiretap/Digital Telephony bill - SB 2375 **
R CO Brown, Henry 1-202-224-5941 na
Grade: D-
Placed a hold on the Digital Telephony bill - SB 2375 (+1/2)
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
R ME Cohen, William S. 1-202-224-2523 1-202-224-2693
Grade: F
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
D AZ DeConcini, Dennis 1-202-224-4521 1-202-224-2302
Grade: F
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
D CA Feinstein, Diane 1-202-224-3841 1-202-228-3954
Grade: F
** Winner of the 1993/4 'Duck of the Year' Award for ducking
constituents & the Digital Telephony issue **
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
R WA Gorton, Slade 1-202-224-3441 1-202-224-9393
Grade: C-
Placed a hold on the Digital Telephony bill - SB 2375 (+1/2)
R IA Grassley, Charles E. 1-202-224-3744 na
Grade: F
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
R UT Hatch, Orrin G. 1-202-224-5251 1-202-224-6331
Grade: F
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
D AL Heflin, Howell T. 1-202-224-4124 1-202-224-3149
Grade: F
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
D MA Kennedy, Edward M. 1-202-224-4543 1-202-224-2417
Grade: F
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
D WI Kohl, Herbert H. 1-202-224-5653 na
Grade: F
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
D VT Leahy, Patrick J. 1-202-224-4242 na
Grade: F
** Sponsored the 1994 Digital Telephony bill **
** Senator Leahy has an admirable record of supporting

civil liberties issues in telecommunications. We believe this
year's activities are simply an aberration from his previously
exemplary record. Some would suggest this is because our poll
doesn't take into account accepting an smaller evil (the 1994
DT bill) to prevent a larger evil (the 1992 DT bill). **
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
D OH Metzenbaum, Howard 1-202-224-2315 1-202-224-6519
Grade: D-
Placed a hold on the Digital Telephony bill - SB 2375 (+1/2)
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
D IL Moseley-Braun, Carol 1-202-224-2854 na
Grade: F
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
R SD Pressler, Larry 1-202-224-5842 1-202-224-1630
Grade: F
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
D IL Simon, Paul 1-202-224-2152 1-202-224-0868
Grade: F
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
R WY Simpson, Alan K. 1-202-224-3424 1-202-224-1315
Grade: F
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
R PA Specter, Arlen 1-202-224-4254 1-202-224-1893
Grade: F
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
R SC Thurmond, Strom 1-202-224-5972 1-202-224-1300
Grade: F
Voted in favor of the DT bill leaving the Judiciary committee. (-1)
R WY Wallop, Malcolm 1-202-224-6441 1-202-224-3230
Grade: C-
Placed a hold on the Digital Telephony bill - SB 2375 (+1/2)

QUESTIONNAIRE FOR LEGISLATORS AND THEIR CHALLENGERS
[Mail, call, or fax these questions to your legislator and they're
challengers, if up for re-election. This will help us map out the
current opinions of Congress. Mail their responses to vtw@vtw.org.

Note that if you're calling a legislator's staff member, you may have to
abbreviate the introductions to each question.]

1. The US Gov't. initiated control over the export of cryptography years
ago, before cryptographic technology became widely available outside
the United States. Now that it is available abroad, these export
controls hamper the US software industry's ability to compete
globally. This limited market results in fewer products with strong
privacy protections available domestically. Last year, Rep. Maria
Cantwell (D-WA) introduced a bill that would have corrected these
export controls to more accurately reflect the availability of
products abroad.

Did you support Rep. Cantwell's bill (HR 3627)? Do you support amending the cryptography export restrictions to better reflect the pervasive nature of this technology abroad and freeing American business from unrealistic regulation?

2. The Clipper Chip and the Tessera Card are part of the White House's new initiative called the EES (Escrowed Encryption Standard - Federal Information Processing Standard 185). This standard mandates law enforcement access to the communications of anyone using EES-based equipment.

These implementations were developed in secret with little public input but extensive public funds. The meager opportunity for public input resulted in 320 submitted comments nearly all of them opposed to the adoption of the standard. NIST chose to adopt the standard anyway.

All of the individuals who submitted comments opposing the standard expressed concern over the security, cost, and privacy exposures of the EES. Recently Dr. Matt Blaze, a scientist from Bell Labs, discovered a significant flaw in the Tessera Card that allows an individual to use the Tessera Card to encrypt information that law enforcement could not decode.

In the face of all of this failure, the White House, NIST and the NSA continue to pour funds into the EES project attempting to force a flawed and poorly defined standard onto a public and an industry that does not want it.

Do you agree that Congress should act to withhold funds on the EES (Escrowed Encryption Standard) and until the technical, privacy, and financial objections to the standard have been answered?

.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box, and the cartridge box. Let's effectively use the first two so we do not have to resort to the third!

4567. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-28 15:15:09 UTC
From: rshepard@interaccess.com
Message-ID: <rshepard.8.0027D93E@interaccess.com>
Source record: 266389

In article <38n5f5$eu9@sashimi.wwa.com> fd@wwa.com (Glen L. Roberts) writes:
>Path: nntp.interaccess.com!swiss.ans.net!howland.reston.ans.net!news.sprintlink.net!sashimi.wwa.com!not-for-mail
>From: fd@wwa.com (Glen L. Roberts)
>Newsgroups: rec.radio.scanner
>Subject: Re: Glenn Roberts again
>Date: 26 Oct 1994 22:06:13 -0500
>Organization: WorldWide Access - Chicago Area Internet Services 312-282-8605 708-367-1871
>Lines: 38
>Message-ID: <38n5f5$eu9@sashimi.wwa.com>
>References: <38k0ao$nr4@newsbf01.news.aol.com> <38kmko$qe3@bigboote.WPI.EDU>
<38lppr$eq6@sashimi.wwa.com> <crispCyB3D3.8Dq@netcom.com>
>NNTP-Posting-Host: sashimi.wwa.com
>X-Newsreader: TIN [version 1.2 PL2]

Has anybody remembered, that while other than items covered in Electronic
privacy act, it is NOT illegal to monitor conversations with a
scanner/ shortwave (whatever), but it IS a Federal Offence to divulge
what you have heard??

No Glenn it is not a "BIG SECRET" but If Morons like yourself continue to
point out to the everyday consumer of cellular / cordless etc.. it
will have to become a "covert" hobby!

And no it is not making us "better than" anybody. Everyday people not
involved in our hobby tend to react like most people do to what they dont
understand. They react with fear and outrage. You are not helping anybody by
making our hobby a public enemy. (I cannot believe I'm About to Say
This!!) If scanning were to become totally outlawed, there would still be a
"covert scanning hobby" just as there is with outband CBers. The people in
the general public would have no more privacy than before. Therefor all you
have done is Pissed Off Both Sides!!

So as I am so fond of saying, Use Some Common Sense!!

>Richard Crisp (crisp@netcom.com)
wrote:>: In article <38lppr$eq6@sashimi.wwa.com> fd@wwa.com (Glen L. Roberts)
writes:>: >>: >If we are delighted with what we hear on a scanner... shouldn't
EVERYONE>: >listen in... or is only exciting because only one in twenty has a
scanner>: >and probably only 1 in 20 of those... listen to our "good stuff?">:
>>: >Isn't keeping scanning hush hush... actually making us "better" than
"them,">: >because we "know" and they "don't?"

>: All keeping the information to yourself does is:
>: 1) prevents you from violating the law which prohibits disclosure
>: 2) prevents the "target" from being aware that information is

>: being intercepted, which keeps the faucet turned on so to
>: speak.
>: 3) prevents the "target" from being publically embarrassed and
>: therefore forces them to try to do something about it.

>: There are obviously lots of reasons not mentioned above, but you get the
>: general flavor.

>That wasn't my point. If we like listening to stuff on a scanner, we
>should encourage EVERYONE else to do the same. But someone, we feel
>special, because we hear stuff others don't. We feel special, better,
>than everyone else. So, we better not let anyone else know what we
>can hear, cause then the fun might go away.

>Everyone is acting like it's a big secret... but its not.

>--
>-------------------------------------
>Glen L. Roberts, Editor, Full Disclosure
>Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
>email fd@sashimi.wwa.com for catalog on privacy & surveillance.
>Does 10555-1-708-356-9646 give you an "ANI" readback?
>email for uuencoded .TIF of T-Shirt Honoring the FBI
>Remember, fd _IS FOR_ Full Disclosure!

4568. IF in Icom R-100

Newsgroup: rec.radio.scanner
Date: 1994-10-28 15:18:00 UTC
From: Hans-joergen.Strandby@f239.n109.z1.fidonet.org
Message-ID: <e12_9410281124@blkcat.fidonet.org>
Source record: 266377

Can someone please help me with the values of the IF's in the Icom
R-100. I have the feeling that it is not the "standard" 10.7MHz/455KHz?

Hans-Joergen Strandby

Fidonet: Hans-joergen Strandby 1:109/239
Internet: Hans-joergen.Strandby@f239.n109.z1.fidonet.org

4569. Re: 800 Mhz Block Converters Still Legal?

Newsgroup: rec.radio.scanner
Date: 1994-10-28 15:18:50 UTC
From: crisp@netcom.com
Message-ID: <crispCyE2JE.o4@netcom.com>
Source record: 266524

In article <p2mhkK7gXTyU073yn@iglou.com> davidm@iglou.com (David Michael Moore) writes:
>
>I figure the easiest way to handle it is just pull out the appropriate sections
>of the ECPA, and then go through them with a word processor and make the
>changes that are forced by the digital wiretap act. The only thing I'm waiting
>for before I do this is for Slick Willie to sign the damned bill. Since he
>has yet to sign it, technically there is no cordless ban at the present time.

My guess is he will wait until after the November elections to sign it.
No sense in snatching any more liberties right before the elections, it
just makes the uphill battle his party faces that much tougher.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4570. Re: pro 30 scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-28 15:43:17 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CyE3o6.I1G@nntpa.cb.att.com>
Source record: 266396
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <9410280330481223@arbbs.simivalley.ca.us>,
Joe Mazz <joe.mazz@arbbs.simivalley.ca.us> wrote:

> .... I am trying to find
> a artical on the modification of the pro 30 scanner.....

Last changed: October 26, 1994

Listen to 850 MHz on a 400 Mhz Receiver

Copyright 1985, 1994, Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of the author.]

An article[1] described the technique of using multiple injection frequencies, and introduced an equation which permits listening in the 512 - 657 MHz range (UHF television channels 21 through 44) using radios designed to receive 402 - 512 MHz.

This article introduces another equation, permitting 851 - 1158 MHz reception using a Radio Shack PRO30 scanner designed to receive 380 - 512 MHz. The equation may be applicable to other scanners.

Using this equation, my Radio Shack PRO30 scanner receives the Illinois State Police District 15 (855.4875) when the radio is programmed for 381.9250 MHz. Mr. James Cavanagh, of Palatine, Illinois, reports that his PRO30 receives the Palatine Police (856.7125 MHz) when programmed for 382.4500 MHz.

The Method

In the equations that follow, all frequencies are in units of Megahertz. To listen on a frequency Y between 851 and 1158 MHz, tune your radio to:

$$\frac{3(Y) + 10(IF)}{7}$$

where IF is the intermediate frequency of the receiver.

Conversely, if you hear a strange signal when your UHF radio is tuned to X MHz, you may be simultaneously listening to the frequency of:

$$\frac{7(X) - 10(IF)}{3}$$

When using this technique to receive microwave signals on a scanner, the signal may be very weak, because a typical scanner radio is not nearly as sensitive in the 851 - 1158 MHz range as it is on the frequencies for which it was designed.

Technical Explanation

What's happening is that an injection signal with multiple constituent frequencies is being being fed to the mixer stage.

To hear the Palatine Police signal (856.7125 MHz), the PRO30 is set to 382.45 MHz. At this setting, the local oscillator/tripler chain is injecting a signal into the mixer stage at:

382.450 - 10.7
= 371.750 MHz.

This 371.750 MHz signal is the output of a frequency tripler, whose input frequency is:

371.750 / 3
= 123.9167 MHz.

But, in addition to this 3rd harmonic, there is a 7th harmonic component present:

7 (123.9167)
= 867.4167 MHz,

which when mixed with the police signal on 856.7125 MHz, produces a 10.7 MHz IF:

867.4167 - 856.7125
= 10.7042 MHz

One may think of this 7th harmonic as being the sum of the 3rd harmonic, the signal the circuit was designed to produce, and the unexpected 4th harmonic, described in the previous article.

Poor Sensitivity

During reception of both police transmitters described above, the signal came directly into the mixer stage through the PRO30 case, bypassing the antenna and RF

amplifier stages! Tests were made using the supplied flexible antenna and an external 146 MHz antenna. The connection of either antenna made no difference in signal strength. Disconnecting the antenna altogether made no difference either. Apparently, the RF amplifier/antenna combination attenuated the microwave signals more than the plastic case, which is painted with a conductive substance.

Don't expect very good range on these frequencies. In both cases, the microwave transmitters were within a few blocks of the scanner and line of sight.

A Regency HX1000 scanner (IF of 21.6 MHz), was tested for microwave reception using this equation, but proved unsuccessful. Once again, readers are urged to experiment to find other frequencies to which their scanners may be receptive.

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1. Parnass, Bob, "512 - 657 MHz Reception on Your Scanner", Monitoring_Times. February 1985, page 19.

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

4571. RUSSIAN MILITARY SATELLITES

Newsgroup: rec.radio.scanner
Date: 1994-10-28 15:50:00 UTC
From: Tyler Harpster <TJH112@psuvm.psu.edu>
Message-ID: <94301.115000TJH112@psuvm.psu.edu>
Source record: 266379

Does anybody listen to or know anything about listening to russian military satellites? any frequencies? thanks. tyler.

4572. Scanner electronic kit : Where ???

Newsgroup: rec.radio.scanner
Date: 1994-10-28 15:54:07 UTC
From: farget@neurosens.univ-lyon1.fr
Message-ID: <farget.10.0@neurosens.univ-lyon1.fr>
Source record: 266513

Hi,

Is there somebody who can tell me where I can find some scanner electronic kit (If it exists) ???

Here in france, I have read (in 'Electronique Radio Plan') an article on an electronic scanner (0 to 900Mhz, AM/FM Audio only) to build. But the problem is that I don't really understand this article.

Thanks in advance.
-
Vincent FARGET
farget@neurosens.univ-lyon1.fr

4573. Re: Cellphone signals on 862.1875 and 867.2625?

Newsgroup: rec.radio.scanner
Date: 1994-10-28 16:13:01 UTC
From: Ed_Velez@smtp.svl.trw.com
Message-ID: <Ed_Velez-2810940813010001@macj712.svl.trw.com>
Source record: 266511

In article <38mbj0$prn@ionews.io.org>, gesman@io.org (Gleb Esman) wrote:

> Sometimes a noisy cellphone signals (pieces of conversation etc..)
> breaking squelch of my Yupiteru MVT-7100 on above frequencies.
> Is it possible or my unit has some defects?
> Maybe it's because I'm close to either cell-base or very close to handset?
>
> --
> Gleb Esman.

Sounds like your 7100 has an IF of 21.6 or 21.7 mhz which is picking up
2nd harmonics. Cellular is between 869 and 894 mhz base output.

--
Ed Velez / KD2PM "Yet another transplant NJ----->CA"
kd2pm@n0ary.#nocal.ca.usa
kd2pm@aol.com
Ed_Velez@smtp.svl.trw.com

4574. Would like to know how cordless unit work

Newsgroup: rec.radio.scanner
Date: 1994-10-28 16:28:44 UTC
From: TRKD19A@prodigy.com
Message-ID: <38r8rs$slu@usenetw1.news.prodigy.com>
Source record: 266378

I think there must be a better way to have the cordless phones
communicate with the base unit than is likely the case now employed.
Does anyone out there know what mechanism is used to link a particular
cordless phone to its base unit and prevent other similar units from
establishing a link with the base unit? Perhaps the method can be
discovered by a patent search???
Any useful reply would be greatly appreciated!

.. Art

4575. DT report card (long)

Newsgroup: rec.radio.scanner
Date: 1994-10-28 16:39:12 UTC
From: crisp@netcom.com
Message-ID: <crispCyE69C.4DI@netcom.com>
Source record: 266381
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alr.security.pgp

Here is the report card for the various perpetrators on Capitol Hill
regarding their voting on teh Digital Telephony Bill, which probably
outlaws or greatly restricts a number of activities we care about.
Again the followup is directed to alt.test. This is provided for information
purposes only. In keeping with net etiquette, I have noted the post
to be long to permit others to skip over it if not interested.

------Let the truth begin--------

October 24, 1994

PRIVACY GROUP RELEASES LEGISLATIVE REPORT CARD
FOR 1994 CONGRESS

For Immediate Release

NEW YORK - The Voters Telecomm Watch (VTW) an organization dedicated to
monitoring civil liberties in telecommunications, has just announced its
1993/1994 legislative report cards -- and the news isn't good. Almost the
entire Congress received a grade of 'D' for failing to recognize several
threats to American privacy that presented themselves to the legislature
this year, and one opportunity.

"A few legislators distinguished themselves, recognizing the bills that
threatened privacy this year, but on the whole, Congress was asleep at the
wheel," stated Alexis Rosen, VTW board member.

This year VTW monitored two pieces of legislation, Rep. Maria Cantwell's
(D-WA) cryptographic exports bill (HR 3627) and the FBI's Wiretap/Digital
Telephony bill (S.2375/HR.4922).

Representative Cantwell received VTW's Legislator of the Year Award for
her attempts to bring laws governing the export of encryption more in line
with the current state and availability of that technology overseas.

Rep. Cantwell's export bill would have made practical the incorporation
of encryption into systems and application programs. Currently, such
technology is not included because of government regulations
restricting the export of such software. Embedded encryption is
essential to expand business use of electronic mail and other
transmission of sensitive data, such as credit card information. It is
therefore necessary for on-line shopping and banking. Software
manufacturing currently one of America's strongest exporting industries
is threatened by foreign competition not subject to the same
constraints.

Representatives Melvin Watt (D-NC) and Elizabeth Furse (D-OR), both first-term legislators, received VTW's Rookie of the Year awards for their stated opposition to the Digital Wiretap bill, on privacy and fiscal grounds.

Most Congressional actions this year on telecommunications and privacy issues have been on voice votes, making it difficult to score individual performance. A network of hundreds of VTW volunteers have called and written their own legislators to ascertain their positions.

"Our legislators really don't seem to want to be held accountable," stated volunteer Josh Hendrix. "The breakfast food of the day is still waffles at Sen. Feinstein's office," stated a California volunteer, expressing his frustration after literally hundreds of faxes and called had been received by Senator Feinstein without a change in her position.

Senator Feinstein received a special award this year from VTW -- the 'Duck of the Year'. "She received hundreds of constituent calls and faxes asking her to oppose the FBI Wiretap bill," said VTW Press contact Steven Cherry, "and she still voted for the bill, despite the wishes of the very people she was elected to represent. We've purchased a rubber duck for her, and it will arrive in the mail soon."

Voters Telecommunications Watch is hoping Rep. Cantwell's bill will be reintroduced in the 104th Congress. Perhaps the biggest issue of the next session will be the continued legality of strong private encryption without key escrow. FBI Director Louis Freeh has been quoted as saying that, according to cyberjournalist Brock Meeks, "if the Administration's Escrowed Encryption System, otherwise known as the Clipper Chip, failed to gain acceptance, giving way to private encryption technologies, he would have no choice but to press Congress to pass legislation that provided law enforcement access to all encrypted communications."

The Voters Telecomm Watch legislative report card can be found on the Internet in their gopher at gopher.panix.com. You can also send them email requesting a copy (or information about the organization) at vtw@vtw.org. Finally, you can request a copy until November 15th via US Mail by leaving a message in their voice mail at (718) 596-2851. You must leave your entire address (including zip code).

VTW's efforts to garner grass-roots opposition to the FBI Wiretap/Digital Telephony bill were reported upon by such publications as the New York Times and Wired magazine. It's legislative report card has also been distributed onto the Internet, where it will quickly reach hundreds of thousands of readers within the first week of distribution.

Concerned citizens can reach Voters Telecommunications Watch by writing to vtw@vtw.org or checking their gopher at gopher.panix.com.

--
Steven Cherry <stc@vtw.org>
Media contact
Voters Telecommunications Watch <vtw@vtw.org> (718) 596-2851
gopher -p 1/vtw gopher.panix.com

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4576. Re: Pro-43 Pager Interference

Newsgroup: rec.radio.scanner
Date: 1994-10-28 16:56:10 UTC
From: schuster@panix.com
Message-ID: <38rafa$8p6@panix3.panix.com>
Source record: 266522

In article <38pkup$bua@agate.berkeley.edu>, <duane@wheels.aar.com> wrote:
>
>My Pro-43 picks up lots of pager interference from about
>160.2 to 160.8 Mhz. The pagers even come in without the
>antenna connected, which leads me to wonder if there's a
>sheilding problem. Do I have a defective unit, or do
>others have this problem too? Any ideas for fixing this?

This is a well-known weakness of the PRO-43 design. That is why it is
particularly unsuitable for rail fans. Try using a lower-gain antenna.

According to my anonymous source, the PRO-43/43a is now history.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4577. Re: Yupitera MVT-7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-10-28 17:03:10 UTC
From: rja@Eng.Sun.COM
Message-ID: <38rase$aq@engnews2.Eng.Sun.COM>
Source record: 266277

In article 16079@ultb.isc.rit.edu, adn6285@ritvax.isc.rit.edu writes:
>>
>>It was a case of having recently had the "pleasure" of reading some sh*t about
>>how we can not listen to cellular and cordless because it's against the law.
>>That was THE WORST reason I had ever read. I do it all the time, as does about
>>everyone I know. There is NO reason to obey the crummy piece of paper some
>>idiot in DC signed. It simply infuriated me. It's not like they encoded some
>>digital key (by signing that crummy paper) that prevents scanners from
>>listening in. The scanners still scan those regions, can still be bought, and
>>I know of not ONE person who quit "because it is against the law".
>>
>>I know - no "law" will stop me.
>>
>
>Not to discuss the etics of breaking the laws in general (hey, we all drive a
>little faster than 55 for example), there is no way I can condone you listening
>on to a PRIVATE cellular or cordless phone conversation. That is unethical any
>which way you look at it.

If you broadcast your conversation through my body, I have the
right to monitor it for a variety of reasons. If you want
security, take some responsibility upon yourself and secure the
conversation with scrambling hardware.

Sheesh.

(and I don't even listen to cell calls...)

Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

The Constitution of the United States: R.I.P, 9/13/94
(the day Bill Clinton signed the Crime Bill)

4578. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-28 17:10:18 UTC
From: dseitel@crl.com
Message-ID: <38rb9q$1ol@crl8.crl.com>
Source record: 266523
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Andy Domonkos wrote:

> A friend and I were recently discussing 'Big Brother' issues and his
> reply was 'I'd rather have the US Govt snooping on us than anyone else...'

Sadly, millions feel as your friend does--that the US gov't is "okay", on
their side, "good". It's not, because no gov't is. The gov't looks after
its own interests and the interests of those who can afford access, period.

It's best to have the US government as small as possible. Protecting the
borders and scraping pigeon droppings off statues would be enough.

David S. Eitelbach
dseitel@crl.com

4579. What is a CTCSS atatchment?

Newsgroup: rec.radio.scanner
Date: 1994-10-28 17:14:45 UTC
From: dretzik@uoguelph.ca
Message-ID: <38rbi6$cpa@nermal.cs.uoguelph.ca>
Source record: 266406

I believe that is what it is called anyway. Someone suggested to me to use one to override computer generated tones between transmissions of local police. Can someone help me with this? Can I get one for my pro-43?

Thanks in advance

Dave

dretzik@uoguelph.ca

4580. Re: Pro-43 Pager Interference

Newsgroup: rec.radio.scanner
Date: 1994-10-28 17:43:08 UTC
From: bcellis@descartes.uwaterloo.ca
Message-ID: <CyE97x.2As@undergrad.math.uwaterloo.ca>
Source record: 266408

In article <38pkup$bua@agate.berkeley.edu>, duane@wheels.aar.com writes:
>
> My Pro-43 picks up lots of pager interference from about
> 160.2 to 160.8 Mhz. The pagers even come in without the
> antenna connected, which leads me to wonder if there's a
> sheilding problem. Do I have a defective unit, or do
> others have this problem too? Any ideas for fixing this?
>
> Tnx and 73,
>
> Duane, KA8VTC
> --------
> For information about this Usenet posting service, send mail to
> remailer@soda.berkeley.edu, with Subject: remailer-info.
> Please, don't throw knives.

I have also experienced similar interference with the Pro-31. If there is
a fix, I would love to hear it!!

--
Brian Ellis
University of Waterloo, Ontario, Canada.
bcellis@undergrad.math.uwaterloo.ca

4581. Re: Recording 2006 audio with inex. vox recorder - How?

Newsgroup: rec.radio.scanner
Date: 1994-10-28 17:55:16 UTC
From: jqtaylor@boi.hp.com
Message-ID: <CyE9s4.84G@boi.hp.com>
Source record: 266383

Gregory yea... you can call me Greg (gregmason@delphi.com) wrote:

: I've run into what is probably a simple problem. Perhaps someone who's solved
: it can share the fix with me:
:
: The moment I plugged it [the pro 2006] in
: the tape began to run. When I turned the radio off, the tape quit rolling.

try placing 100-ohm resistor in parallel across the 2006 tape out jack

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MDT = GMT - 6) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 230 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

haiti, rwanda, cuba, bosnia, ... we have a list,
where is our schindler?

4582. Re: Radio ratings by monitoring car recievers?

Newsgroup: rec.radio.scanner
Date: 1994-10-28 19:29:11 UTC
From: rshepard@interaccess.com
Message-ID: <rshepard.9.000E8773@interaccess.com>
Source record: 266403

In article <38ppsn$nat@news.primenet.com> ddalton@primenet.com (Dave Dalton) writes:
>Path: nntp.interaccess.com!swiss.ans.net!howland.reston.ans.net!cs.utexas.edu!asuvax!enne
ws!stat!news.primenet.com!usenet
>From: ddalton@primenet.com (Dave Dalton)
>Newsgroups: rec.radio.scanner
>Subject: Radio ratings by monitoring car recievers?
>Date: 28 Oct 1994 03:07:03 GMT
>Organization: Primenet
>Lines: 11
>Message-ID: <38ppsn$nat@news.primenet.com>
>NNTP-Posting-Host: slip226.phx.primenet.com
>X-Newsreader: WinVN 0.92.2

>An Arizona Republic article on Wed, Oct 26 mentions that "Trendata
>measures radio signals emitted from vehicles at different points around
>the valley". The article was explaining why some local DJs were fired
>due to low ratings.

>I've seen some postings here about how scanning receivers can be detected
>and I can see how this might be possible, but I am suprised to think that
>it would be practical enough to implement for ratings determination.
>Anybody have more info on this?

>Dave

It's not practical, because to do so accurately would require that all radio
rcvrs use the same injection / IF frequecies etc..(they Don't). But yes, with
the right equipment, it is qutie possible to sit outside someone's home / car
whatever, and figure out what they are watching on TV, Radio, and even what
they are typing on the computer (NO JOKE!). Does it really happen? Probably
not unless you have some problem with the Feds!.

:)

****
Robert E. Shepard

Email:rshepard@interaccess.com

Forgetting the past is not the only problem......
Technology in the hands of the uneducated is sure to create some new ones.

:)

4583. Re: Q: What is "trunking"?

Newsgroup: rec.radio.scanner
Date: 1994-10-28 19:40:14 UTC
From: rshepard@interaccess.com
Message-ID: <rshepard.10.0018A3CB@interaccess.com>
Source record: 266407

In article <38rmbm$4ob@huron.eel.ufl.edu> browere@einstein.cs.ucdavis.edu (Eric B.)
writes:
>Path: nntp.interaccess.com!swiss.ans.net!howland.reston.ans.net!spool.mu.edu!caen!usenet.
cis.ufl.edu!usenet.eel.ufl.edu!einstein!browere
>From: browere@einstein.cs.ucdavis.edu (Eric B.)
>Newsgroups: rec.radio.scanner
>Subject: Q: What is "trunking"?
>Date: 28 Oct 1994 20:19:02 GMT
>Organization: Electrical Engineering, University of Florida
>Lines: 9
>Message-ID: <38rmbm$4ob@huron.eel.ufl.edu>
>NNTP-Posting-Host: einstein.cnrs.humboldt.edu
>X-Newsreader: TIN [version 1.2 PL1]

>Would anyone care to explain exactly what "trunked" means, and how this
>relates to scanning a given "trunked" frequency?

>Thanks in advance!

>Eric
>.

Trunking is the grouping of usually at least 3 repeaters together under one
control unit. The idea being that out say 3 channels (more typically 5 to 20
channels) there would always be a free channel avalable to use on a first
come first serve basis. For example if you had 5 conventional (non trunked)
repeaters with 50 users each, you would probably find one or more of them
doing nothing while the rest are busy with traffic. Since all the users have
to share the repeater, somebody on the busy ones is going to have to wait to
talk. In the mean time there is another reapeater that is not doing anything.
If you group the 5 together as a unit under a trunking controller. channels
are assigned as people need them. Therefor, in the above senario the guy who
was waiting his turn on the conventional repeater, now gets to talk because
that previously unused repeater is assigned to him. The only time somebody
would have to wait to talk, is if all channels in the system had a
conversation going.
Different manfacture's use different ways of assigning channels to the users,
but the basic concept is the same.

Side Note:
The FCC requires any user with more than 5 frequencies to trunk them. There
are other loading requirements that must also be met in order to keep the
frequencies.

Hope This helps :)

****
Robert E. Shepard

Email:rshepard@interaccess.com

Forgetting the past is not the only problem......
Technology in the hands of the uneducated is sure to create some new ones.

:)

4584. Re: No Mods needed really!

Newsgroup: rec.radio.scanner
Date: 1994-10-28 19:48:42 UTC
From: delsesto@cig.mot.com
Message-ID: <DELSESTO.94Oct28144842@tabby.cig.mot.com>
Source record: 266387

In article <alacy.4.00167EB0@skew.com> alacy@skew.com (skew) writes:

Here's a good thing for all you non-technical people. If you have a scnner
with the 868-896Mhz range blocked, you can still pick up cell freqs! Cellular
One does not use those freqs! Those are reserved for mostly Ma-Bell and
affiliates. For example, southwst bell, us west, etc... So just search the
areas around the blocked freqs and you should be good to go!

The Base transmit/Mobile receive frequencies are: 869.040 - 893.970 MHz
and this is further broken down as follows (not exactly but roughly):

869-880 Non-wireline System A
880-894 Wireline System B

Also Base receive/Mobile transmit: 824.040 - 848.970 MHz

All US analog cellular will be found in that range. All local telephone
companies (ie Bell Atlantic, NYNEX, etc) use the Wireline frequencies
and companies like Cellular 1 will be found on the Non-wireline frequencies.

Anything outside the above ranges is probably an image.

Mark

4585. 5 day waiting period for radar guns

Newsgroup: rec.radio.scanner
Date: 1994-10-28 20:01:34 UTC
From: jameshc@macbeth.umd.edu
Message-ID: <38rlau$9se@umd5.umd.edu>
Source record: 266385

In article <94299.124447TJH112@psuvm.psu.edu> Tyler Harpster
<TJH112@psuvm.psu.:
>With the present administration, this will be the next thing to happen.
>Tyler.
>

Just remember, radar guns don't catch speeders, police officers do.

Jim "When radar guns are banned only criminals will have them" Clodfelter
Baltimore County "Sig files are a conceit."
Lansdowne Middle School
Taz Team
jameshc@umd5.umd.edu

4586. Q: What is "trunking"?

Newsgroup: rec.radio.scanner
Date: 1994-10-28 20:19:02 UTC
From: browere@einstein.cs.ucdavis.edu
Message-ID: <38rmbm$4ob@huron.eel.ufl.edu>
Source record: 266386

Would anyone care to explain exactly what "trunked" means, and how this relates to scanning a given "trunked" frequency?

Thanks in advance!

Eric
.

4587. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-28 20:32:10 UTC
From: rja@Eng.Sun.COM
Message-ID: <38rn4a$2bq@engnews2.Eng.Sun.COM>
Source record: 266278

In article eu9@sashimi.wwa.com, fd@wwa.com (Glen L. Roberts) writes:
>Richard Crisp (crisp@netcom.com) wrote:
>: In article <38lppr$eq6@sashimi.wwa.com> fd@wwa.com (Glen L. Roberts) writes:
>: >
>: >If we are delighted with what we hear on a scanner... shouldn't EVERYONE
>: >listen in... or is only exciting because only one in twenty has a scanner
>: >and probably only 1 in 20 of those... listen to our "good stuff?"
>: >
>: >Isn't keeping scanning hush hush... actually making us "better" than "them,"
>: >because we "know" and they "don't?"
>
>: All keeping the information to yourself does is:
>: 1) prevents you from violating the law which prohibits disclosure
>: 2) prevents the "target" from being aware that information is
>: being intercepted, which keeps the faucet turned on so to
>: speak.
>: 3) prevents the "target" from being publically embarrassed and
>: therefore forces them to try to do something about it.
>
>: There are obviously lots of reasons not mentioned above, but you get the
>: general flavor.
>
>That wasn't my point. If we like listening to stuff on a scanner, we
>should encourage EVERYONE else to do the same. But someone, we feel
>special, because we hear stuff others don't. We feel special, better,
>than everyone else. So, we better not let anyone else know what we
>can hear, cause then the fun might go away.

I feel sorry for you if that's how you think. The scanner
listeners I know listen to scanners for the same reason they
listen to TV, shortwave radio, and AM/FM broadcast radio: to
be informed. I listen to police channels so I know if that
cop car that fire department action down the street might
endanger me. I listen to cop channels because I want to know
what's going on (and in one case, what they were saying about
me, since I was involved in a complaint against them at the
time), and (if it were legal) I'd listen to the cellular channels
because the cops locally use them to discuss things which
are too sensitive to discuss on the standard cop radios.

I use scanners to stay informed. If you use them to
satisfy prurient interests that's your business, but
don't assume everyone else does.

>
>Everyone is acting like it's a big secret... but its not.

Your comments on this subject are idiotic. This in itself
is not a crime, since everyone makes idiotic comments on
something, but you are compounding the problem by causing
legal action to be taken, which affects us all.

Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

The Constitution of the United States: R.I.P, 9/13/94
(the day Bill Clinton signed the Crime Bill)

4588. Re: Cell Phone Cloning

Newsgroup: rec.radio.scanner
Date: 1994-10-28 21:04:42 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.170.000F1482@chevron.com>
Source record: 266391

In article <XXuuuc1w165w@mindvox.phantom.com> dayglo@mindvox.phantom.com (dayglo) writes:
>abec@ix.netcom.com (Abe Collins) writes:

>> If you currently own a cell phone and subscribe to a service
>> (like GTE, CellularOne, AirTouch, etc) is it legal to clone
>> another cell phone for your own use. For example, I may want
>> a car phone permanently mounted in my car and also have a
>> pocket cell phone with the same phone number for use when I'm
>> not in my car. I see nothing wrong with this but maybe the
>> feds do ??

> I do believe that the new FCC rules state that changing the
>ESN on a cell phone is against their rules. I say having two phones
>on one number is great if you do NOT plan to receive/send very many
>calls. Most of the people that I know who have cellphones use them
>almost entirely for safety reasons. The only way a cell company can
>find out that you have two phones on one number is if calls are placed
>from both phones at the same time. All they do is shut your service
>off. I would then act computationally changelled any say that someone
>must have stolen my number EG cloned my ESN.

It is illegal to clone a cellular phone. You can't have the same ESN in more
than one cellaur telephone. It is federal law and I am trying to find the
section to cite but I don't think its a FCC reg (at least not in part 22).
Under your service contract with the carrier you will likely find a clause
stating that the telephone number you were issued was for one phone only.
Cloning is the equivalant to duplicating the VIN number on yor car and putting
on a second car. It's a serial number and you are not supposed to change it.

The carriers are likely to start offering service allowing multiple phones if
the market really demands it. The problem is that now most people that want a
second phone don't think they should have to pay extra for it. They compare
it to adding an extension phone in there home. Twisted pair and cellular are
an apples and oranges comparison. The technology and the rules are different.
The cost of such a service would probably be nominal, like $10 a month but I
would be guessing on that. Not all carriers have the capability to do it.
And those that do have the capability still need to work out technical and
administrative details. But what they would does not involve cloning phones.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

4589. time via radio

Newsgroup: rec.radio.scanner
Date: 1994-10-28 21:09:24 UTC
From: lieser@iccgcc.cs.hh.ab.com
Message-ID: <1994Oct28.160924.1@iccgcc.cs.hh.ab.com>
Source record: 266384

Don't know if this is *exactly* the right group for this, but...

Recently I saw an ad in the British "short wave" magazine for
a clock controlled by radio signals labelled "DCF77" and "MSF".
Can anyone tell me where the transmitters are located and at
what frequency they transmit? (Yes, I know they're European
and I wouldn't get them here in the U.S.)

WWV in Colorado also transmits signals that can be used in
radio-controlled clocks, but I've never seen one of these clocks
for sale very cheap, rather more like $300-$400. The British
clock was much cheaper, something like 30-40 pounds.

Now I'm also wondering whether any companies out there are working
on radio-controlled clocks that use the GPS satellite constellation
clock signals, and would these be prohibitively expensive also?

Thanks much,
Ed Lieser

(speaking of time, don't forget to change your clocks this weekend,
all you USA'ers)

4590. Pro-2021 for sale!

Newsgroup: rec.radio.scanner
Date: 1994-10-28 21:30:41 UTC
From: jamesb@clark.net
Message-ID: <38rqi1$rhm@clarknet.clark.net>
Source record: 266390

I have just bought an Pro-2035 so I a getting rid of my
Pro-2021 scanner

Description below:

Radio Shack Scanner: Pro 2021 $150 plus s/h

Realistic Pro-2021
VHF/UHF Direct Entry Programmable 200 Channel Scanner Radio

This programmable radio is in excellent condition, yes fully functional.

You'll have access to over 23,000 frequencies!

Features include:

o Ten 20-channel memory banks
o One 10-channel monitor bank for temporary storage and priority freqs
o Rapid transfer from Monitor to Permanent Memory
o Large multi-purpose LCD shows which channels and frequencies are being
scanned, monitored, programmed, as well as the status of the channel
and operation mode of the PRO-2021.
o Provides optional two-second delay to eliminate missed replies on
any channel.
o Holds memorized frequencies with internal 9-volt battery backup

o Covers 30-50 MHz (VHF Lo)
50-54 MHz (ham radio 6m)
108-136 MHz (aircraft)
138-144 MHz (government)
144-148 MHz (ham radio 2m)
148-174 MHz (VHF Hi)
380-450 MHz (ham radio and government)
450-470 MHz (UHF Lo)
470-512 MHz (UHF Hi)
o Built-in internal speaker
o External speaker jack
o BNC external antenna connector
o 120-volt AC operation with power cord
o 12-volt DC power jack for automobiles and RVs (negative ground)

Mobile mounting bracket can be purchased at your local Radio Shack store.

Includes owner's manual and telescopic antenna.

Price: $150 plus s/h

If interested just email to jamesb@clark.net or
you can call at (410)969-7676.
If not home just leave msg on machine and I will return your call.

--
James "Alex" Brooks
{The Lightwave / Imagine Animator}

4591. Re: Distance

Newsgroup: rec.radio.scanner
Date: 1994-10-28 22:25:31 UTC
From: zlau@arrl.org
Message-ID: <1994Oct28.222531.13668@arrl.org>
Source record: 266397

Gary Smith (gary@phoenixs.co.uk) wrote:
: What distance can I expect a hand held scanner to be able to pick
: up radio signals above 30MHz with a) the telescopic antenna which came
: with it b)an external antenna slapped onto my chimmney stack?

Anything within line of sight of the antenna ought
to be picked up quite well. The reliable distance
is quite dependent on the topography--an antenna on
a hill works a lot better than one in a valley.

If you are patient or lucky, there are phenomena that
allow signals to be received over hundreds or even
thousands of miles.

It is also possible to pick up noise from the sun and
other non-terrestial sources (radio astronomy).
--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

4592. Re: Uniden Repair Questions

Newsgroup: rec.radio.scanner
Date: 1994-10-28 22:29:52 UTC
From: Bob.Horvath@Microserve.com
Message-ID: <94102880992@microserve.com>
Source record: 266410

yes, I just sent in a BC-760 for repair and it had mods, and I had no problem
with Uniden.clear.microserve.net!news.sprintlink.net!howland.reston.ans.net!cs.u
>as.edu!convex!convex!arco!news.utdallas.edu!not-for-mail
>From: seibert@utdallas.edu
>Newsgroups: rec.radio.scanner
>Subject: Uniden Repair Questions
>Date: 25 Oct 1994 02:09:43 -0500
>Organization: The University of Texas at Dallas
>Lines: 16
>Message-ID: <38iavn$n2f@utdallas.edu>
>NNTP-Posting-Host: infoserv.utdallas.edu
>NNTP-Posting-User: 7103
>X-Newsreader: TIN [version 1.2 PL2]
>
> I bought a used Bearcat 200 XLT with the 800MHz mod already in place.
>It's got a bad spring clip on the base - The thing that holds the battery
>in place. Also, it has the grey faceplate from a 100XLT. I want to send
>the unit in to Uniden to have the clip fixed and see about getting the
>black case that should be on the unit.
>
> My question is this, will they still repair the unit and send it
>back to me if the mod is in it?
>
> Thanks!
> -Seibert
>BTW: It is a 200XLT, it has 200 chan and receives 800MHz.
>
>--
>---> <--- Gnihton Mi Won ---> <---
>

4593. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-28 22:43:35 UTC
From: Don Whiteside <dwhite@shadow.net>
Message-ID: <38rkbf$ss5@anshar.shadow.net>
Source record: 266382
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,comp.org.eff.talk,alt.radio.scanner,alt.privacy,alt.2600

In article <38ktjg$fep@adam.cc.sunysb.edu>, <jflint@ic.sunysb.edu>
writes:
domonkos@access.digex.net (Andy Domonkos) writes:
>
> >Chances are very good that if you start to encrypt all your
> > transactions
> >this will attract attention to yourself and the government will
> >make you
> >one of the 5,000,000 + Americans that were wire tapped in 1993
> >(these are Dept. of Justice figures).
>
> All the more reason to use PGP as often as possible! (I've slacked off
> lately but I'm thinking about starting again...)

Better yet, use one of the many techniques to encode the data into the
low order bits of some other file. There's a mac program available for
FTP which will do this - damned if I remember the name or site. Stuff it
in simulated noise or garbage. It's been said before, but I'll repeat it
anyways - encrypted information resembles junk, and there's no better
place to hide it than in real junk.

4594. Frequencies for the Johnstown, PA/Cambria County Area?

Newsgroup: rec.radio.scanner
Date: 1994-10-28 23:12:52 UTC
From: Hobie <MPB115@psuvm.psu.edu>
Message-ID: <94301.191252MPB115@psuvm.psu.edu>
Source record: 266395

Just wondering if anyone had anything not listed in Police Call or Beyond Police call. Particularly the Cam Co. Drug Task Force freqs. Thanks for any help.

Mike

```
**********************************************************************
* I * "With no discipline, we can solve no *
* --I-- * problems...with some discipline, we can *
* _____I___I_____ * solve some problems...with total *
* \ / * discipline, we can solve all problems." *
* \__________/ * *
* ~~~~~~~~~~~~~~~~~~~~ * Hobie is Michael P. Bodek at..... *
* The hard way..the only* mpb115@psuvm.psu.edu or *
*way..the NAVY way! * mpb115@psu.edu *
* * *
* * "Reason has no place here...." *
**********************************************************************
```

4595. Re: Freq. in Albany, NY area

Newsgroup: rec.radio.scanner
Date: 1994-10-28 23:25:11 UTC
From: djvelez@aol.com
Message-ID: <38s18n$4kt@newsbf01.news.aol.com>
Source record: 266394

In article <389e1h$irl@usenet.rpi.edu>, katsus@stimpy.chem.rpi.edu
(Satoshi Katsumoto) writes:

>If anyone knows of any good frequencies in the
>Albany, Schenectady, Troy area that aren't in
>Police Call, please post them or email me.
>Thank you very much.

>Satoshi Katsumoto
>katsus@rpi.edu

Please let me know if you come up with any. My Dad lives in Hillsdale, NY
(near intersection of Rts 22 and 23) and I bought him a scanner for his
birthday...I programmed all those listed in Police Call, but there were no
listings in Hillsdale...so please let me know if you come up with anything
of interest.

Thanks - Dan

djvelez@aol.com

4596. Re: Public Apology

Newsgroup: rec.radio.scanner
Date: 1994-10-28 23:26:24 UTC
From: grady@netcom.com
Message-ID: <gradyCyEp41.Iz9@netcom.com>
Source record: 266399
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

Carl Steckler (cjs9@cornell.edu) wrote:

: Carl (ex-jarhead) Semper Fi
: "To those who fought for it, freedom has a flavor
: the protected will never know"
: unknown Marine; Khe Sahn, Viet Nam

"Please GI no shoot me!"
unknown child; one of the 200 massacred by US soldiers at My Lai

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

4597. Re: Recording 2006 audio with inex. vox recorder - How?

Newsgroup: rec.radio.scanner
Date: 1994-10-29 00:01:19 UTC
From: gdallal@world.std.com
Message-ID: <CyEqq7.JFE@world.std.com>
Source record: 266398

Gregory yea... you can call me Greg (gregmason@delphi.com) wrote:
: I've run into what is probably a simple problem. Perhaps someone who's solved
: it can share the fix with me:
:
(1) Try an attenuator (didn't work for me).
(2) Try the earphone jack rather than tape out.
(3) Get a VOX tape recorder with a LINE IN jack.

4598. Re: Wilmington, Mass., Tach 5 freq.

Newsgroup: rec.radio.scanner
Date: 1994-10-29 00:05:30 UTC
From: Ed Faulk <efaulk@shelties.dp.beckman.com>
Message-ID: <1994Oct28.171020.1540@biivax.dp.beckman.com>
Source record: 266400

In article <1994Oct27.144316.4761@ll.mit.edu>, <chris@ll.mit.edu> writes:
> My husband and I live in Wilmington, MA, and for as long as we can remember,
> Wilmington Police has been using this "tach 5" frequency. We cannot locate
the
> frequency anywhere, and when we inquired with the police, they told us they
would
> not give it out, it was none of our business what was being said on that
> frequency. They will run plates and such on their main freqs., but anything
> important, they go to tach 5.
>
> We have checked every book we could think of, and have come up with nothing.
We
> have no idea where to begin to search. They are not on the 800 band, and we
> don't believe that they would use the 800 band for that freq. alone.
>
> We have had alot of crime in our area. The twenty-six years I've lived in
this
> town, you could leave your doors unlocked at all times. Now, it's a nightly
> ritual to make sure the windows are closed and locked, the motion detectors
> lights are on, and the deadbolt is locked. It's sad to see this happening in
> this town, and we would feel safer if we knew what was going on.
>
> Anyone have any ideas as to where I can get this frequency?
>
> Chris

Normally police will not give out tactical frequencies because then the bad guys can listen in and know what the cops are up to. I don't want to risk my life or that of anyone else because the tactical frequency was known and the people about to be busted were listening in on the conversation.

Of course, in my area the various tactical frequences ARE known. They're given the names of certain colors. Gray and White are car-to-car, Green is the basic station frequency (shared with other stations, usually), Yellow belongs to the county mounties, Red is the county-wide communications channel. Purple is used to run plates and driver's license checks when Green is busy, Orange North and Orange South are shared channels that can be allocated to any of a group of PDs.

Ed

4599. Re: Cellphone signals on 862.1875 and 867.2625?

Newsgroup: rec.radio.scanner
Date: 1994-10-29 00:19:01 UTC
From: Alan Shen <kermee@u.washington.edu>
Message-ID: <Pine.A32.3.91a.941028171457.63639A-100000@mead1.u.washington.edu>
Source record: 266401

On 26 Oct 1994, Gleb Esman wrote:

> Sometimes a noisy cellphone signals (pieces of conversation etc..)
> breaking squelch of my Yupiteru MVT-7100 on above frequencies.
> Is it possible or my unit has some defects?
> Maybe it's because I'm close to either cell-base or very close to handset?
>
> --
> Gleb Esman.
>
>
Remember that the power output and range of both the tower and portables
are different. The nosiy cellphone signals could also be that you're
inbetween two different cell sites (instead of being too close to it.)
and you're picking up the echos of each others when they transmit on the
same frequencies.

This is my best (guess) answer. When I tune into cell freqs. in some
small town, it's really clear and easy. When I hit the metro areas
(Seattle, Bellevue) it's usually VERY crowded, and ALSO, Our wire-line
carrier has switched to TDMA (or was it CDMA. Forgot which one.) digital
instead of analog phones. Meaning that some calls that you pick up will
be just data signals. Hope this helps!

- Daniel Kao
Please reply to :rvkc60e@prodigy.com
Use PGP if possible.

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6

mQCNAi6psw0AAAEEALUa8IuCunQEw16v75fYL5o/LSffGC/MIF0J8ew2xpdlSdfL
cwkVrmgjqh/6yHn3RnZYISvaSWxBsmtdAxV5iYmRjVk/4jPoz2jzUQI6LiNJL8ul
mQs2tdlym9LP8JZgoHj+AXKM9pKQ13aZx/VTM3x5pG6wHJ9+MkmOSxxOURApAAUR
tCNEYW5pZWwgUC4gS2FvIDxydmtjNjBlQHByb2RpZ3kuY29tPg==
=kqCi
-----END PGP PUBLIC KEY BLOCK-----

4600. Re: Radio Shack good stuff

Newsgroup: rec.radio.scanner
Date: 1994-10-29 00:23:11 UTC
From: abe@rabbit.corp.sgi.com
Message-ID: <38s4lf$f87@fido.asd.sgi.com>
Source record: 266404

In article <1994Oct28.060915.8033@hpcvaac.cv.hp.com>,
billn@hpcvaac.cv.hp.com (bill nelson) writes:
|> guru314708@aol.com (GURU314708) writes:
|> : In article <1994Oct16.063856.21752@hpcvaac.cv.hp.com>,
|> : billn@hpcvaac.cv.hp.com (bill nelson) writes:
|> :
|> : What is AM??? Isn't that what they call Ancient Modulation!
|> : Even if it does not work now did it ever on any radio 100%???
|>
|> I wish the weenies at aol would get decent news software. I did
|> not write any of the above - my name should not be included.
|>
|> Bill

Bill I AGREE 100%. I have AOL (soon to cancel). They don't seem
to update their newsgroups very often. I would find recent posts
to this group every day when checking in from work. When I check
rec.radio.scanner from AOL (from home PC), all the posts are several
weeks old.

When I explained this to the AOL tech support guy his response
was "we have no control over the internet". [Yeah, right.. which
information superhighway are you guys on anyway... seems like
they're on a muddy dirt trail in their covered wagons while the rest
of us are on paved freeways in our Ferraris].

Flame off. Sorry for consuming the bandwidth.

--
Abe Collins | Silicon Graphics, Inc. MS/14L-135 | Ph:
415.390.3026
Channel Development | 2011 N Shoreline, Mt.View CA 94043 | Fx:
415.390.6325

Internet CompuServe Prodigy America Online Netcom
abe@sgi.com 70741,56 TJDU70A AbeSGI abec@ix.netcom.com

All wiyht. Rho sritched mg kegtops awound?

4601. Re: TR-2400

Newsgroup: rec.radio.scanner
Date: 1994-10-29 00:23:29 UTC
From: Alan Shen <kermee@u.washington.edu>
Message-ID: <Pine.A32.3.91a.941028172150.63639B-100000@mead1.u.washington.edu>
Source record: 266402

On Fri, 28 Oct 1994, Dean Adams wrote:

>
> Has anyone used the new Trident TR-2400 handheld scanner?
>
> 100 khz to 2060 mhz certainly seems impresive on paper at least...
>
>
>
Popular Communications magazine Nov. 1994 did a first look at it. I
called ACE Communications (800) 445-7717 and got a nice faxback document
on the Trident TR-2400. It looks really neat although the scanning speed
is a little slow. Have yet to see, let alone test one, yet.

- Daniel Kao
Please reply to: rvkc60e@prodigy.com
Use PGP if possible.

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6

mQCNAi6psw0AAAEEALUa8IuCunQEw16v75fYL5o/LSffGC/MIF0J8ew2xpdlSdfL
cwkVrmgjqh/6yHn3RnZYISvaSWxBsmtdAxV5iYmRjVk/4jPoz2jzUQI6LiNJL8ul
mQs2tdlym9LP8JZgoHj+AXKM9pKQ13aZx/VTM3x5pG6wHJ9+MkmOSxxOURApAAUR
tCNEYW5pZWwgUC4gS2FvIDxydmtjNjBlQHByb2RpZ3kuY29tPg==
=kqCi
-----END PGP PUBLIC KEY BLOCK-----

4602. Re: TR-2400

Newsgroup: rec.radio.scanner
Date: 1994-10-29 00:23:47 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <38s4mj$gjm@tiger1.ocs.lsu.edu>
Source record: 266405

Dean Adams (dadams@netcom.com) wrote:

: Has anyone used the new Trident TR-2400 handheld scanner?

: 100 khz to 2060 mhz certainly seems impresive on paper at least...

I have one, and I am happy with it's performance. The signal selectivity
is good and I am surprised by it's ability to pickup shortwave very well
using just the telescoping whip ant that I had (they give you a fixed
length rubberduck).it's loaded w/ pertty cool features, but as of yet
I haven't heard of a cell unlock for it...
Dave

4603. Re: No Mods needed really!

Newsgroup: rec.radio.scanner
Date: 1994-10-29 00:36:03 UTC
From: n9315@pnet16.navy.mil
Message-ID: <CyEsC3.5Eu@nctams1.uucp>
Source record: 266416

gdallal@world.std.com wrote:

Yup. If you've got a cheap scanner, you can go searching for images.

I hate to be the one to tell you this, but images can be picked up in some
of the most expensive radios around. Intermod can be an different story.

Unless otherwise stated, expressed view are my own. They may not be the
opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.

Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded)
ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil

4604. ShortWave Paradise back online!

Newsgroup: rec.radio.scanner
Date: 1994-10-29 01:41:43 UTC
From: ar416@freenet.buffalo.edu
Message-ID: <CyEvDK.DpE@freenet.buffalo.edu>
Source record: 266429

Hello!
Just to let all know, ShortWave Paradise is back up
after we had hardware problems. We are running different BBS
sofftware, on a different CPU until we get the equipment fixed.

PLEASE BEAR WITH US!

We still have all the updated shortwave files, scanner stuff,
and hamm files we are known for. Please continue to use the service.

Online 24 hours a day (616) 383-4979

--
Dale Vanderpoel- ShortWave Paradise
ar416@freenet.buffalo.edu

4605. Re: Flying with scanners? New to it, need some info ...

Newsgroup: rec.radio.scanner
Date: 1994-10-29 01:59:48 UTC
From: g9153402@huey.csun.edu
Message-ID: <38saak$cg9@nic-nac.CSU.net>
Source record: 266409

Andy McConnell (andym@hq.af.mil) wrote:

Ontheplane, I've been told every time by the flight attendants not to use it
during the taxi, takeoff, climb, or the descent, landing, and taxi phases.
>I.E., the cuise is acceptable, but boring.

also couldn't receive much in the air - my antenna wasn't on the outside of
>the plane except the plane itself. I could _see_ the tower antennae, but I
> coulnd't pick up the towers responses to the pilot.

Next time bring a drill aboard and a cable to extend your ducky antenna.
Once you're at cruising altitude, drill a hole through the fuselage next to
your seat, and slip your antenna outside for excellent reception. :)

4606. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-29 02:02:38 UTC
From: hughem@netcom.com
Message-ID: <hughemCyEwCF.ByM@netcom.com>
Source record: 266414
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Kyler Laird (laird@pasture.ecn.purdue.edu) wrote:

... general follow-up to this whole thread:

When the government/law enforcement etc. have the ability to readily snoop on un-witting citizens with impunity, it will attract *more* people why want to do it. Many of those in that position will feel that they are not subject to any law regarding privacy. They will rationalize their invasion on our lives by saying that the information wouldn't be admissible in court.

What this boils down to is that grubby little parasites posing as "authorities" will have free reign over our conversations. Once the equipment becomes common there will be no credible control on access to the equipment. There is no limit to the personal and financial damage that could be done by someone with unlimited access to data and voice information once aerial transmission becomes commonplace.

hughem@netcom.com

When the government is powerful enough to give us everything we want, it will also be powerful enough to take everything we have.

4607. Bearcat 8500 for sale...cheap

Newsgroup: rec.radio.scanner
Date: 1994-10-29 02:19:12 UTC
From: fire615@aol.com
Message-ID: <38sbf0$7q6@newsbf01.news.aol.com>
Source record: 266411

If Damark is selling for $315 I will sell mine for same and I will include shipping. This unit is brand new in box never opened, received as a gift, but I already have one.

4608. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-10-29 02:21:42 UTC
From: kc5iuz@n8naa.sat.tx.us
Message-ID: <VaoXuc1w165w@n8naa.sat.tx.us>
Source record: 266428
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

chuck62@freenet3.scri.fsu.edu (Charles Richards) writes:

> conference because it is international. I diplomaticly reminded him of
> what happened over there 50 years ago and asked for his experienced

Well, at least you reminded him "diplomaticly". Good way to hold
friendly relations. (BTW, what WERE you talking about?) =)

Nicholas McLarty, KC5IUZ PGP Fingerprint
San Antonio, Texas 39 5C 14 6B BA 00 EF 9D
kc5iuz@n8naa.sat.tx.us 16 9C FE 88 0D 22 1E FA

To obtain the public key of kc5iuz, finger 'kc5iuz@n8naa.sat.tx.us'

Opinions expressed by me are not those of my employer, if I had one.

4609. Need some net advice: pro-34 mod fail?

Newsgroup: rec.radio.scanner
Date: 1994-10-29 02:49:13 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <783819913@f747.n115.z1.ftn>
Source record: 266027

-=> Quoting rich shaw to All <=-

rs> Now comes the problem. After I assembled the whole box, I can search
rs> thru the 869-896 range without problem. However, the scanner couldn't
rs> pick up anything. I am sure there're some activities on that range
rs> because my friend's pro46 picked up some cell conversations at the
rs> same time. So my question is what am I doing wrong? Do I have to
rs> remove D11 completely? Please help!

Hi, Rich...
Yeah, I remember doing the mod. It's quite possible the microprocessor wasn't ready for your mod. <g> Pop the battery cover off. If you take the battery holder out, you will see a small, white, rectangular button. Now, slip the holder back in and with a small screwdriver and the unit powered up, press the button. This should reset the scanner and hopefully, you will start receiving signals in this range. You might want to also verify that you are still receiving signals in the 850 range, just to be sure.

Jerry

`

4610. SANTA ROSA AREA LISTENERS...READ

Newsgroup: rec.radio.scanner
Date: 1994-10-29 03:02:33 UTC
From: uknow@ccnet.com
Message-ID: <38se09$38b@ccnet.ccnet.com>
Source record: 266412

if you listen on your scanner to the fire activity up there in Santa
Rosa and Petaluma and surrounding jurisdictions...fly me a "e" and I'll
get back to you...just a little feed-back needed on that area of listening
for fires...
also if you have a vhs tape recorder and a t.v....it would be nice in
addition to the scanner listening...

give me an "e"- : uknow@ccnet.com ask for bill
october 27, 1994

4611. Re: Flying with scanners? (reg quoted)

Newsgroup: rec.radio.scanner
Date: 1994-10-29 03:07:46 UTC
From: msattler@jungle.com
Message-ID: <38sea2$ed9@satisfied.elf.com>
Source record: 266413

In article <cgwh.166.0013D874@chevron.com>
cgwh@chevron.com (Curtis Wheeler) writes:

> (5) Any other portable device that the operator of the aircraft has
> determined will not cause interference with the navigation or communication
> systems of the aircraft on which it is to be used.

Certainly you may presume to read this paragraph as saying that the
airline is technically determining whether any particular device causes
interference. I would belive a lay-person (rshepard@interacces.com)
could believe this, but I'm sad that the poster, a private pilot, seems
to accept this interpretation.

Given that the pilot of any plane I'm flying is patently inappropriate
to determine whether any particular device will cause problems, save
having us operate said devices one at a time, this interpretation is
silly. The FCC is the governmental body that determines the
interference generated and assigns a particular FCC class (residential,
computational, experimental, etc.) to the device.

Robert's vitriol notwithstanding, I belive that this paragraph means to
be interepreted as giving the airline the discretion of banning certain
FCC classes. Unless you know of some place in the terminal where the
airline is putting probes on scanners, CD players, etc.

>It is amazing how many people think they are exempt from federal
>regulations. Only to again be suprised when a new tighter law emerges due
>to their lack of obeying the origional law due to their "personal belief
>exemption". How many of you idiots are going to make sure that scanning
>becomes outlawed all together?

Robert: drink decaf, get a life, exercise, and have your blood pressure
checked. It's only the 'net. We're not out to get you. Really.

_/_/_/

4612. Re: 800 Mhz Block Converters Still Legal?

Newsgroup: rec.radio.scanner
Date: 1994-10-29 03:29:50 UTC
From: billsohl@earth.planet.net
Message-ID: <38sfje$aos@jupiter.planet.net>
Source record: 266415

Berton Corson (g9153402@huey.csun.edu) wrote:
: F. Barry Mulligan (mulligan@ACM.ORG) wrote:

: > g9153402@huey.csun.edu (Berton Corson) asked:
: > > ... a block converter kit ... Are these things convered by ECPA ...

: > The ECPA (1986) refered to the act of listening. It was TDDRA (1992) that
: > banned devices. The resulting FCC rules include:

: >47 CFR 15.121 (a) .... scanning receivers, and frequency converters designed
: >or marketed for use with scanning receivers, must be incapable of ....
: > [see also 47 CFR 2.975(a)(5) and 15.37(f)]

: > Tucker (and others) could argue that their device was intended for use with
: > microwave ovens and are therefor exempt <g>, but they wouldn't get very far.

Then how is it that they (and Ramsey) are actually offering
block converters for sale?

: But if this device was sold as a "kit", where the purchaser had to put
: it together to build a device that may be illegal, would this clear the
: retailer of any wrongdoing? After all, they would just be selling a
: bunch of components, where the purchaser was the one that created the
: device.

That'd be my opinion. And they could always just sell the component
parts separately with a construction set of instructions.

--
Bill Sohl K2UNK (billsohl@planet.net)
Budd Lake, New Jersey

4613. Re: Pro-43 Pager Interference

Newsgroup: rec.radio.scanner
Date: 1994-10-29 03:56:39 UTC
From: tharrell@nmsu.edu
Message-ID: <38sh5n$r5a@dns1.NMSU.Edu>
Source record: 266419

duane@wheels.aar.com wrote:

: My Pro-43 picks up lots of pager interference from about
: 160.2 to 160.8 Mhz. The pagers even come in without the
: antenna connected, which leads me to wonder if there's a
: sheilding problem. Do I have a defective unit, or do
: others have this problem too? Any ideas for fixing this?

It's not defective - all Pro-43s do that. Mine gets clobbered between
150-165 MHz. It's one of the few drawbacks of the unit (although I
haven't decided if receiving the city PD dispatch over NMSU PD's F1 is
a bug or a feature...). Maybe that new Pro-62 has it fixed (it's GRE,
isn't it?).
--

| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |

4614. Re: Flying with scanners? (reg quoted)

Newsgroup: rec.radio.scanner
Date: 1994-10-29 04:04:32 UTC
From: tls@gate.net
Message-ID: <38shkh$in0@tequesta.gate.net>
Source record: 266417

Michael Sattler, San Francisco (msattler@jungle.com) wrote:

: Certainly you may presume to read this paragraph as saying that the
: airline is technically determining whether any particular device causes
: interference. I would belive a lay-person (rshepard@interacces.com)
: could believe this, but I'm sad that the poster, a private pilot, seems
: to accept this interpretation.

: Given that the pilot of any plane I'm flying is patently inappropriate
: to determine whether any particular device will cause problems, save
: having us operate said devices one at a time, this interpretation is
: silly. The FCC is the governmental body that determines the
: interference generated and assigns a particular FCC class (residential,
: computational, experimental, etc.) to the device.

: Robert's vitriol notwithstanding, I belive that this paragraph means to
: be interepreted as giving the airline the discretion of banning certain
: FCC classes. Unless you know of some place in the terminal where the
: airline is putting probes on scanners, CD players, etc.

Why are you sad? He's right. Take a look at the construction of the entire section. The FAA starts by prohibiting ALL portable electronic devices, then says that the prohibition does not apply to 4 specific types of electronic devices. It then allows the aircraft operator to allow a fifth type of device under certain conditions, that is, that the operator is satisfied that the device will not cause interferance. Note the distinction between the pilot in command and the operating company in the next paragraph. The airline doesn't have to ban anything, the FAA already did. The rule just permits the airline to allow specific devices on their aircraft if they want and they are satisfied that there is no interferance. The airline can choose, as some have done, to not permit any additional devices.

4615. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-10-29 04:36:28 UTC
From: adler@pongo.West.Sun.COM
Message-ID: <38sjgc$c51@abyss.West.Sun.COM>
Source record: 266418
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

In article <38msj7$oa0@bbs.pnl.gov>,
J. Bryan Ferguson <jb_ferguson@pnl.gov> wrote:
>(Stuff Deleted)
>>The name of the bill that you are refering too, that prevents
>>cellular retailers from bundling cellular service with an onerous
>>cellular plan (in California) is the Connelly Bill (AB 275).
>
>All this sounds like good ole mama and papa government
>sticking its nose where it doesn't belong. Namely, interfering
>with good old free enterprise. I do not see anything wrong
>with offering a good price for a phone in a package deal.
>If someone doesn't like it, WHO CARES, he can go somewhere
>else to do businees. That whats great about free enterprise. I
>try to attract you as a customer and you are free to choose
>who you do business with. The fact that there is a law against
>this practice is surprising. Not as much so when you realize
>that the law was inacted in California.
>
>When government has completely regulated all businesses, guess
>who will be next. Look out behind you it may be YOU.
>
>--Bryan - Freedom Fighter

I think you're kind of confused about what's being regulated and how the
rules of the game were established. Where is the free entriprise
amongst the cellular service providers?

The truth is that the cellular service providers demanded that the
government step in and help them to establish territories, monopolies
and other anti-competitive policies.

4616. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-29 04:42:26 UTC
From: sean@sdg.dra.com
Message-ID: <1994Oct28.234226@sdg.dra.com>
Source record: 266425
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <pooka.783352672@access1>, pooka@access1.digex.net (Louis Emmet Mahoney) writes:
> domonkos@access.digex.net (Andy Domonkos) writes:
>
> <seth0004>
>>> 5 million + americans wiretapped? What bullshit! I can't even imagine the
>> ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
> <snip>
>
> <domonkos>
>>Straight from the Department of Justice. They also revealed that less
> than > .1 percent (yes, 1/10 percent) were used in criminal prosecution).
>>My guess is you're not familiar with remote wire tapping thanks to modern
>>telephony switching stations.
> <snip>
>
> Interesting figure -- presumably from some DoJ report. Could you post a
> reference ? Thanks.

"Report on applications for orders authorizing or approving the interception of wire, oral, or electronic communications (wiretap report) for the period ..." prepared by the Statistical Analysis and Reports Division, Administrative Office of the U.S. Courts.

Or more commonly known as the "Wiretap report."

It is published annually, and should be available at a government depository library near you.
--
Sean Donelan, Data Research Associates, Inc, St. Louis, MO
Domain: sean@dra.com, Voice: (Work) +1 314-432-1100

4617. Re: Looking for Scanner Club in AUSTIN, TX area

Newsgroup: rec.radio.scanner
Date: 1994-10-29 05:05:06 UTC
From: toby15@aol.com
Message-ID: <38sl62$ana@newsbf01.news.aol.com>
Source record: 266420

In article <gregm-1510942356450001@slip-5-3.ots.utexas.edu>,
gregm@ccwf.cc.utexas.edu (Greg Middleton) writes:

>> Anybody know of a Scanner Club in the Austin, Tx area????

Good luck to you, Greg, in finding a club in Austin. Does anyone know of
one in the Dallas area?

Toby

4618. Re: Glenn Roberts again

Newsgroup: rec.radio.scanner
Date: 1994-10-29 05:23:56 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <38sm9c$vkf@tiger1.ocs.lsu.edu>
Source record: 266421

: : Wendy could have told me whether or not, the user(s) of the radio-telephones
: : on that plane are given any information about the public/privateness oft
: : them... or whether they juct pick em up and call.
: : .

: : Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)

: Glenn, have you found out what the setup with that is yet? I was under
: the impression that they usually had a red phone and a green phone
: right next to each other. The GREEN would be encrypted. If that color
: scheme is widely used, some one like Carter would only have to know the
: difference between GREEN and RED to know whether or not he is using a
: secure line. If it is NOT widely used, I would be interested in finding
: out why...
: By the way, I notice you have WWCR at 5,065 kHz...when did it switch from
: 5810 kHz? Did that transmitter get blown up, or is it a seasonal change?

Can anyone comment on this?

Also, I don't agree that if I like something, I should encourage you to do
it as well. I sure as hell don't want somebody 'encouraging' me to
perform necrophilia, or molest children or something.

Dave

4619. WTB: pro-43

Newsgroup: rec.radio.scanner
Date: 1994-10-29 06:19:21 UTC
From: shawr@netcom.com
Message-ID: <shawrCyF88A.44u@netcom.com>
Source record: 266423
Cross-posted to: rec.radio.scanner,rec.radio.swap

Hi all,

I am looking for a cell modifiable or modified Pro-43 in mint
condiction. Please e-mail your offer to shawr@netcom.com. Thanks.

4620. Northern/Central Calif Scanner Listeners

Newsgroup: rec.radio.scanner
Date: 1994-10-29 06:23:34 UTC
From: uknow@ccnet.com
Message-ID: <38spp6$h46@ccnet.ccnet.com>
Source record: 266422

any listeners to fire in Fresno and Bakersfield.?/?
I'd like to hear from you> just want to run some ideas by you
to share ideas about certain aspects of the area you live in.

and if you have a vhs vcr with color t.v. another option...

thanks send to uknow@ccnet.com ask for bill

4621. Re: TR-2400

Newsgroup: rec.radio.scanner
Date: 1994-10-29 07:35:58 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <38su0u$1ili@tiger1.ocs.lsu.edu>
Source record: 266424

As for the scanning speed, it is a bit slow at 18/25 ch. per sec.
Dave

: Dean Adams (dadams@netcom.com) wrote:

: : Has anyone used the new Trident TR-2400 handheld scanner?

: : 100 khz to 2060 mhz certainly seems impresive on paper at least...

: I have one, and I am happy with it's performance. The signal selectivity
: is good and I am surprised by it's ability to pickup shortwave very well
: using just the telescoping whip ant that I had (they give you a fixed
: length rubberduck).it's loaded w/ pertty cool features, but as of yet
: I haven't heard of a cell unlock for it...
: Dave

4622. 855xlt cell freq. mod?

Newsgroup: rec.radio.scanner
Date: 1994-10-29 09:35:33 UTC
From: Rick Stuart <74431.1576@CompuServe.COM>
Message-ID: <38t515$j11$1@mhade.production.compuserve.com>
Source record: 266427

I bought my Uniden 855 XLT and so far really like it. It gets all my local police and fire and is easy and simple to use. I was told that it can be modified to recieve the frequency's in the 800 mhz band to listen to the blocked cell freq's. Is this a simple mod? Is it just clipping a jumper or removing a resistor? I can do simple things like that myself, and would like to know how if anyone knows or wants to tell me. The shop I bought iy from, C. Crane in Fortuna CA, said to call them after I have had it 30 days and they could help. I'm just wondering if I can do it myself. Thanks, Rick.

--
////////// I AM A D.J. I AM WHAT I PLAY \\\\\\\\\\
\\\\ Rick Stuart, Frequency Modulator since 1979////
-------- 'Frisco, CA. USA (Home Of The FCC) ---------

4623. Inmarsat

Newsgroup: rec.radio.scanner
Date: 1994-10-29 09:55:36 UTC
From: John.Hartsell@tnlhub.esnet.com
Message-ID: <a8a_9410301130@tnlhub.esnet.com>
Source record: 266340

Would anybody be able to tell me if they have been able
to receive any of the INMARSAT Satellites from the West
Coast of California ? Has any one used a ICOM RC-R100
for INMARSAT use ? Any Help ?

4624. mods for Pro-2036??????

Newsgroup: rec.radio.scanner
Date: 1994-10-29 10:01:00 UTC
From: dan.nicholson@woodybbs.com
Message-ID: <93.1149.7592.0NFB5180@woodybbs.com>
Source record: 266456

If you find any MODS for the pro 2036 I would like to have them too!!
I have a 2036 with a date code of april 1994 so it should be modifiable!
if you have one with a date code of 5A4 or later mods will hard to come by!

later DAN

---
* Origin: The Shop ** Columbia, MO ** (314) 449-2710 ** (1:289/39)

4625. MODS FOR PRO-2036

Newsgroup: rec.radio.scanner
Date: 1994-10-29 10:05:00 UTC
From: dan.nicholson@woodybbs.com
Message-ID: <93.1150.7592.0NFB5181@woodybbs.com>
Source record: 266455

I am still looking for mods for the radio shack pro-2036. I have one with
a date code of april 1994 so it should be modifiable. If you have any
information on this I would be very intersted in it!!!

73 DAN

---
* Origin: The Shop ** Columbia, MO ** (314) 449-2710 ** (1:289/39)

4626. Re: Police Mods

Newsgroup: rec.radio.scanner
Date: 1994-10-29 12:17:33 UTC
From: shearman@nudge.io.org
Message-ID: <38tegu$siq@ionews.io.org>
Source record: 266347

David Retzik (dretzik@uoguelph.ca) wrote:
: Here in Ontario, our provincial police have an annoying tone on their
: frequencies between transmissions that sounds like a fast busy signal
: from a telephone. This makes it impossible to monitor the frequencies
: without going insane listening to the noise. Can a pro-43 be modded to
: overcome this problem? If so, anyone have the mod?

Not that I know of. Some of the Bearcats can have a CCTSS board installed
that will squelch that tone, but not the PRO-43.

4627. Re: No Mods needed really!

Newsgroup: rec.radio.scanner
Date: 1994-10-29 14:34:18 UTC
From: gdallal@world.std.com
Message-ID: <CyFv56.16v@world.std.com>
Source record: 266430

Et2 Rich Sheff (n9315@pnet16.navy.mil) wrote:
: gdallal@world.std.com wrote:

: Yup. If you've got a cheap scanner, you can go searching for images.

: I hate to be the one to tell you this, but images can be picked up in some
: of the most expensive radios around. Intermod can be an different story.

No doubt. But name a reasonably built radio (e.g., triple conversion)
that would prompt a new owner to think that *all* of Cellular 1 was outside
of its band.

Perhaps, I should have put a smiley after my original comment.

4628. WTB:Realistic PRO-2001 scanner

Newsgroup: rec.radio.scanner
Date: 1994-10-29 15:23:05 UTC
From: 5leitgeb_c@spcvxb.spc.edu
Message-ID: <1994Oct29.112305.1@spcvxb.spc.edu>
Source record: 266432

I am looking to buy a Realistic PRO-2001 scanner in working or
non-working condition. Would prefer one that is cosmetically good,
but it is not absolutely ncessary. Owner's manual a plus. Please
send email to 5leitgeb_c@spcvxa.spc.edu if you have one you want
to part with. Be sure to include the condition it is in and the
price you are asking in your reply.
Thanks,
Craig

4629. Re: Would like to know how cordless unit work

Newsgroup: rec.radio.scanner
Date: 1994-10-29 15:58:00 UTC
From: heglowstein@BIX.com
Message-ID: <heglowstein.783446280@BIX.com>
Source record: 266431

TRKD19A@prodigy.com (ARTHUR BRUSSACK) writes:

>I think there must be a better way to have the cordless phones
>communicate with the base unit than is likely the case now employed.
>Does anyone out there know what mechanism is used to link a particular
>cordless phone to its base unit and prevent other similar units from
>establishing a link with the base unit? Perhaps the method can be
>discovered by a patent search???
> Any useful reply would be greatly appreciated!

>.. Art

Typically, when you place the handset in the charger cradle,
the base and handset talk back and forth through the charger
connection and agree on some arbitrary random code. Later when
you remove the handset, the base refuses to talk to anything
that doesn't know the code.

To use another, similar handset, you'd have to place it in the
cradle to set a code. Of course, the first handset wouldn't
know it had changed, so it would stop working.

4630. Re: Looking for Northeast Military Air Freqs...

Newsgroup: rec.radio.scanner
Date: 1994-10-29 19:33:28 UTC
From: shearman@nudge.io.org
Message-ID: <38u828$s8e@ionews.io.org>
Source record: 266359

ASUSEE@MAINE.MAINE.EDU wrote:
: I am in extreme Northern Maine and have been scanning the 200 to
: 400 mhz AM area and have had no luck. Anyone out there got a few
: freqs to get me started?
: Thanx in advance.

Try 128.75 for the Loring tower (Loring AFB).

4631. Re: Police Mods

Newsgroup: rec.radio.scanner
Date: 1994-10-29 19:36:50 UTC
From: shearman@nudge.io.org
Message-ID: <38u88i$s8e@ionews.io.org>
Source record: 266358

kimberly ann weiss (kaweiss@silver.ucs.indiana.edu) wrote:
: I was driving on the 401 in Toronto, many years ago, and passed either
: a Toronto or an OPP patrol car. There was a loud, pulsating squeal on my CB,
: and I wondered if it wasn't some kind of jamming signal. I'd be interested,
: too, to see if there was a mod out there to get rid of it.

Up until a couple of years ago, the OPP used to monitor Channel 9 on CB.
They don't any more. OPP radar cars also have radar detector detectors on
board. Radar detectors are illegal in Ontario and most Canadian
provinces. In Ontario, if you are found with one, it's subject to
immediate seizure...

4632. Wilmington, Mass., Tach 5 freq.

Newsgroup: rec.radio.scanner
Date: 1994-10-29 20:07:00 UTC
From: mjw@pfzrfsg.com
Message-ID: <29e.1163.21@pfzrfsg.com>
Source record: 266437

```
* In a message originally to ALL, Chris DeSesa <chris@ll.mit.edu> said:

CD> My husband and I live in Wilmington, MA, and for as long as
CD> we can remember, CD> Wilmington Police has been using this "tach 5"
CD> frequency. We cannot locate the frequency anywhere, and when we inquired
CD> with the police ...

If you have not already tried it Scanner Master (SMB Publishing) puts outs out
a very complete Massachusetts frequency guide.

Scanner Master Company
P.O. Box 428
Newtown Highlands, MA 02161

508 655-6300 (info), 800 722-6701 (orders), 508 655-2350 (fax)

--------------------------------------------------------------------------------
E-Mail: mjw@pfzrfsg.com (Michael Wallach) Pfizer Food Science Group, New York
--------------------------------------------------------------------------------
```

4633. Re: ENOUGH ALREADY!!!!!!

Newsgroup: rec.radio.scanner
Date: 1994-10-29 21:41:01 UTC
From: af546@yfn.ysu.edu
Message-ID: <38ufhd$1lm@news.ysu.edu>
Source record: 266436

I am interested in the information provided. I am not a Canadian citizen
and therefore feel that the majority of users to this area are of U.S.
origion and care to hear of discussions pertaining to "such radio politics"

If you really are that upset I suggest moving to rec.canada.scanner.snobs.
--

4634. PRO-35 Mods

Newsgroup: rec.radio.scanner
Date: 1994-10-29 22:22:10 UTC
From: dbdixon@ythcomm.win.net
Message-ID: <6@ythcomm.win.net>
Source record: 266300

Anybody know of any mods for the RS PRO-35 portable...can't seem to find any anywhere...pls post or e-mail. Thanks, and good scanning,
Bruce

4635. TORONTO AVIAIOTN FREQ

Newsgroup: rec.radio.scanner
Date: 1994-10-30 00:05:00 UTC
From: bob.lyle@canrem.com
Message-ID: <60.10652.5773.0N1B79F6@canrem.com>
Source record: 266374

JJ> Anybody have all the aviation frequencies for the Toronto area? If
JJ> so, please E-mail it to Joe.newman@onlinesys.com

Joe,

Here's my list compiled in July 1994. I work with Transport Canada at the
Toronto ATC Centre so accuacy is guaranteed! you'll have to straighten out
the text format as I transferred it to ASCII from WP6 format.

Regards!

< Bob >
Editor - Scanning VHF/UHF in DX Ontario

Toronto ACC/TCU/TWR Frequencies - July 1994
(including Toronto and Hamilton area airports)

Frequency Service Transmitter Location

118.000 Toronto Tower Spare PIA Toronto
118.200 Toronto Island Tower Toronto Island
118.350 Pearson Tower - South parallel runway* PIA Toronto
118.700 Pearson Tower - North parallel runway* PIA Toronto
119.200 Toronto Island Tower (part time use) Toronto Island
119.300 Toronto TCU - Terminal Radar Surveillance Area PIA Toronto
119.775 Toronto Center -Spare PIA Toronto
120.825 Pearson ATIS - Tx Only - Field Conditions/Weather PIA Toronto (5W)
121.300 Pearson Tower - Clearance Delivery - Flight routes PIA Toronto
121.500 Emergency - International Various incl. PIA
121.600 Hamilton Ground control Hamilton Airport
121.650 Pearson Ground - North field PIA Toronto
121.700 Buttonville Ground control Buttonville Airport

121.800 Toronto Island Ground control Toronto Island
121.900 Pearson Ground - South field PIA Toronto
122.075 Pearson Apron Control - T1/T2 ramp PIA Toronto
122.275 Pearson Apron Control - T1/T2 ramp backup freq. PIA Toronto
122.875 Pearson Apron Control - T3 ramp PIA Toronto
124.475 Toronto TCU Arrival 2 (PIA Arrivals) (part time) PIA Toronto
124.675 Toronto Center - Enroute East Coehill, Ont.
124.800 Buttonville Tower Buttonville Airport
124.925 Toronto Center - Enroute East PIA Toronto
125.000 Hamilton Tower Hamilton Airport
125.400 Toronto TCU Arrival 1 (PIA Arrivals) PIA Toronto
125.775 Toronto Center - Enroute West PIA Toronto
126.700 Flight Service Stations - International PIA, Buttonville etc
.

127.000 Toronto Center - Enroute East PIA Toronto
127.100 Buttonvile ATIS -Tx Only - Field Conditions/Weather Buttonville Air
port
127.250 North Bay TCU (Located @ Toronto ACC) North Bay, Ont.
127.575 Toronto TCU (PIA) Departure PIA Toronto
128.100 Hamilton ATIS - Field Conditions/Weather Tx only Hamilton Airport
128.275 Toronto Center - Enroute West Kitchener, Ont.
128.300 Toronto Center - Enroute North Timmins, Ont.
128.800 Toronto TCU (PIA) Departure PIA Toronto
128.975-131.975 Airline Company Frequencies Various Incl. PIA

Frequency Service Transmitter Location

132.375 Toronto Center - Enroute North North Bay, Ont.
132.475 Toronto Center - Spare frequency PIA Toronto
132.575 Toronto Center - Enroute North Wiarton, Ont.
132.650 Toronto Center - Enroute North Sault Ste. Marie, On
t.
132.800 Toronto Center - Enroute North PIA Toronto
133.100 Pearson ATIS- Tx Only - Field Conditions/Weather PIA Toronto (10W)
133.150 Toronto Center - Enroute North Wawa, Ont.
133.300 Toronto Center - Enroute South Hamilton Airport
133.400 Toronto TCU - Departure (Oshawa, Buttonville etc.) PIA Toronto
133.600 Toronto Island ATIS - Field Conditions/Weather Toronto Island
133.725 Toronto Center - Enroute North Moosonee, Ont.
133.975 Toronto Center - Enroute North Timmins, Ont.
134.250 Toronto Center - Enroute East Peterborough, Ont.
134.375 Toronto Center - Enroute West Sarnia, Ont.
134.425 Toronto Center - Enroute North Sault Ste. Marie, On
t.
134.575 Toronto Center - Enroute East PIA Toronto
134.675 Toronto Center - Enroute East Athens, Ont.
134.925 Toronto Center - Enroute West PIA Toronto
135.050 Toronto Center - Enroute East Campbellford, Ont.
135.300 Toronto Center - Enroute West London Ont.
135.400 Toronto Center - Enroute North Elliot Lake, Ont.
135.500 Toronto Center - Enroute North Sudbury, Ont.
135.625 Toronto Center - Enroute South Hamilton Airport
135.850 Flight Check Calibration Air to Ground (Int'l) Various
135.950 Flight Check Calibration Air to Ground (Int'l) Various

* - Parallel or Dual Runway operation only - may be combined at other times.

225.075 Toronto Center - Enroute North Moosonee, Ont.
226.300 Toronto Center - Enroute North Timmins, Ont.
226.500 Toronto Island Tower Toronto Island
227.300 Toronto Center - Enroute North Sault Ste. Marie, On
t.
231.950 Toronto Center - Enroute East Athens, Ont.
233.400 Toronto Center - Enroute North North Bay,. Ont.
236.600 Pearson Tower PIA Toronto

236.800 Toronto Center - Enroute West PIA Toronto
243.000 Emergency - International Various Incl. PIA
253.100 Toronto TCU - T.R.S.A. (see 119.300) PIA Toronto
254.900 Toronto Center - Enroute West Sarnia, Ont.
260.900 Toronto Center - Enroute North Elliot Lake, Ont.
266.300 Toronto Center - Enroute West London, Ont.

Frequency Service Transmitter Location

268.750 Toronto Center - Enroute West Kitchener, Ont.
275.800 Pearson Ground PIA Toronto
285.700 Toronto Center - Enroute North Sudbury, Ont.
290.600 Toronto Center - Enroute North Wiarton, Ont.
290.800 Toronto Center - Enroute South Hamilton, Ont.
294.500 Toronto Center - Enroute South PIA Toronto
298.600 Toronto Center - Enroute North Wawa, Ont.
308.475 Hamilton Tower Hamilton Airport
344.300 Toronto Center - Enroute West PIA Toronto
344.500 Toronto Center - Enroute North Sault Ste. Marie, On
t.
354.300 Toronto Center - Enroute East PIA Toronto
356.300 Toronto Center - Enroute North North Bay, Ont.
358.100 Toronto TCU - Arrival PIA Toronto
363.800 Toronto TCU Departure PIA Toronto
381.400 Toronto Center - Enroute North Timmins, Ont.
398.125 Hamilton Ground control Hamilton Airport
398.400 Toronto Center- Enroute East Campbellford, Ont.

There are many more frequencies not listed here. Most are either smaller airport Mandatory Frequencies, Flight Service Stations, Ground control frequencies or for utility/service vehicles etc. Monitor known frequencies in your area and listen for pilot readbacks of frequency change assignments from ATC.

Please check DX Ontario regularly for additions and changes!

---
* ACCESS/MAIL 1.10b #00169 * < DXOntario editor "Scanning VHF/UHF" >

4636. FLYING WITH SCANNERS?

Newsgroup: rec.radio.scanner
Date: 1994-10-30 00:11:54 UTC
From: glenn.johnson@chrysalis.org
Message-ID: <9410300011.00A1E02@chrysalis.org>
Source record: 266453

NE>>>I took my 2m transceiver and two scanners to Denver last summer. Never
NE>>>had a problem carrying them on to the plane or using them on the plane. I
NE>>>flew Delta and Delta allows the use of <VHF scanners> by name in their Sky
NE>>>magazine. They only allow in-flight use, not during takeoff or landing.
NE>>>I didn't hear much, I was so excited to be on a plane for the first time
NE>>>in years that I didn't turn my scanner on much.

Well, please review the sky magazine more closely. The FAA regulates
the operations of devices, not the airline. If it claims receivers
as an accepted device, it is a misprint. All radios have an IF section
(basically a miniture transmitter) and in a wideband scanner it has
a very high probability of causing interference. They do allow tape
players and computers, but NOT radios. I travel quite a bit, and have
been asked to put away my radio (even though I was using the cassette
part) Even if it was allowed, the reception inside a metal plane
(which creates a faraday shield around you) is so poor, it's hardly
worth it. The shuttle astronauts during sarex flights have 1/4 wave
antennae stuck on the windows that face the Earth to make it work.
If you ever have the chance, go up with a private pilot and bring your
radio. Mount an antenna on the BOTTOM of the plane (mag mount won't
work) and at least a 25W rig. At 10,000' ASL, your radio range will
extend several states on vhf/uhf! For fun pull up a common repeater
frequency (like 146.94 -) and ID. You may hear as many as a dozen
ID's comeback - What a pileup! Impossable to work anyone but on
simplex, but fun! Enjoy, experiment and BE SAFE !!

73 de KB5VQI
Glenn Johnson
Fort Worth, Tx

• SLMR 2.0 • Backup not found: (A)bort (R)etry (P)anic

4637. Re: OS456 Question

Newsgroup: rec.radio.scanner
Date: 1994-10-30 01:05:00 UTC
From: edwin@pnw.net
Message-ID: <38urfs$j82@cascade.pnw.net>
Source record: 266438

Bill Plymale (plymale@mousetrap.es.vt.edu) wrote:

: To OS456 Users:

: I recently installed the OptoScan456 computer interface
: into a Realistic PRO-2006 scanner. Both the installation
: of the interface card and configuration of the accompanying
: Scan*Star software (Rev.1 - 4/24/94) went smoothly. All
: but one of the software options function as expected.
: Signal level scanning does not work. I select the
: appropriate options on the Squelch Control Settings menu.
: When scanning resumes, the scanner does not lock
: onto the frequencies or channels now associated with the
: signal level scanning feature. Any suggestions on
: correcting this problem are appreciated.

: Thanks,
: Bill Plymale

: --

: William O. Plymale plymale@mousetrap.es.vt.edu 703-231-9530
: Virginia Tech Information Systems
I just installed a OS456 and noticed the same thing. I upgraded to the Scanstarpro version so I could save the active frequencies in a scanstar database. I haven't tried the signal level scan yet. One annoying thing was that the software supplied (ver 3.41) caused my PC to hang up. The current version 3.44 fixes that bug. I'm not very happy about forking over $80.0 and then having to download the latest software over long-distance lines to get it to work.

4638. Re: ENOUGH ALREADY!!!!!!

Newsgroup: rec.radio.scanner
Date: 1994-10-30 01:37:36 UTC
From: norman@cs.toronto.edu
Message-ID: <1994Oct29.213735.20716@jarvis.cs.toronto.edu>
Source record: 266440

Messages that describe proposed or current laws and other political
or legal events affecting the scanning hobby clearly belong here,
and I hope they will continue to show up. Even though such laws
are valid only in particular countries (or states or cities), they
are of interest to those who travel, and to those who just want to
know what's going on.

Purely political discussions and diatribes (such as arguments about
whether all incumbents should be turfed out on general principles, or
about whether Reagan or Clinton has fewer active neurons) don't belong
here. Neither do arguments about bicycle gearing (even if I carry a
scanner on my bike sometimes) or gardening (even if your neighbor who
is a fireman was mowing his lawn yesterday), and for the same reasons.
Not that people shouldn't talk about such things; but they should do
so in the newsgroups devoted to such topics.

Norman Wilson
US citizen living in Canada, which means I have to pay postage to vote,
but I do it anyway.
norman@utirc.utoronto.ca

4639. The Radio Listening Spectrum

Newsgroup: rec.radio.scanner
Date: 1994-10-30 01:39:48 UTC
From: g9153402@huey.csun.edu
Message-ID: <38uth4$sjp@nic-nac.CSU.net>
Source record: 266439

THE RADIO SPECTRUM

This is an approximate look, to help in searching frequencies on a scanner or shortwave radio. Just be aware, having the right frequency may not be enough, in tuning to a certain frequency. The time of day, atmospheric conditions, location, mode you're in (AM, SSB, Narrowband FM, Wideband FM, etc.), and your equipment, are also equally important. You'll find most transmissions are broadcasted in Narrow-band FM. Some main exceptions are shortwave (AM & SSB), commercial AM radio (AM), commercial FM radio (Wideband FM), television (Wideband FM), citizens band radio (AM & SSB), aeronautical communications (mostly AM), and some military VHF/UHF (Wideband FM). Most all scanners will pick a default mode for you, depending on what frequency band you are in. But many scanners also let you manually switch between modes (AM, FM, etc.) and frequency search spacing (5 khz, 12.5 khz, etc.) if the default modes are not correct. Happy Listening!!!

FREQUENCY USES/SERVICES
(in Megahertz unless
otherwise indicated)
---------------------- --

10 - 150 khz Military/government, submarine
(.01 - .15 MHz) communications.

150 - 535 khz Longwave Band, beacons, foreign broadcasts,
(.15 - .535 MHz) maritime.

535 - 1700 khz Your standard AM radio dial.
(.535 - 1.7 MHz)

1.7 - 30 Shortwave/High Frequency Band. Broadcasting,
two-way government, military and commercial
communications, amateur radio, CB radio (approx.
27 MHz), others.
Shortwave - Approx. Range Meter Band
1.8 - 2.0 160*
2.3 - 2.495 120
3.2 - 3.4 90
3.5 - 4.0 80*
3.9 - 4.0 75
4.75 - 5.06 60
5.9 - 6.2 49
7.0 - 7.3 40*
7.1 - 7.35 41

9.4 - 9.9 31
10.1 - 10.15 30*
11.6 - 12.1 25
13.57 - 13.87 22
14.0 - 14.35 20*
15.1 - 15.8 19
18.068 - 18.168 17*
17.48 - 17.9 16
18.9 - 19.02 15
21.0 - 21.45 15*
21.45 - 21.75 13
24.89 - 24.99 12*
25.6 - 26.1 11
28.0 - 29.7 10*
(In general, the lower shortwave frequencies
<higher meter band> are received better during
the night, while higher frequencies are re-
ceived better during the day. There are also
some amateur radio bands between many of these
shortwave bands(*). Consult a shortwave guide
for more detailed information.)

30 - 50 Very High Frequency Band. Government, business,
walkie-talkies. Also, cordless phones and
'baby monitors' found about 46 - 49 MHz.

50 - 54 Amateur radio 6 meter band.

54 - 72 TV Channels 2-4.
Channel 2 Audio (Wideband FM) 59.75
Channel 3 Audio (Wideband FM) 65.75
Channel 4 Audio (Wideband FM) 71.75

72 - 76 Manufacturing, remote control, eavesdropping
bugs, etc.

76 - 88 TV Channels 5-6.
Channel 5 Audio (Wideband FM) 81.75
Channel 6 Audio (Wideband FM) 87.75

88 - 108 Your standard FM radio dial.

108 - 136 Aeronautical communications (AM).

136 - 138 Satellites.

138 - 144 Military communications.

144 - 148 Amateur radio 2 meter band.

148 - 150.8 Military use.

150.8 - 174 Business, highway, law enforcement, government,
weather, maritime.

174 - 216 TV Channels 7-13.
Channel 7 Audio (Wideband FM) 179.75
Channel 8 Audio (Wideband FM) 185.75
Channel 9 Audio (Wideband FM) 191.75
Channel 10 Audio (Wideband FM) 197.75
Channel 11 Audio (Wideband FM) 203.75
Channel 12 Audio (Wideband FM) 209.75
Channel 13 Audio (Wideband FM) 215.75

216 - 220 Maritime and aeronautical.

220 - 222 Land mobile communications.

222 - 225 Amateur radio.

225 - 400 Military aviation and space.

400 - 406 Military and government.

406 - 420 U.S. Government.

420 - 450 Amateur radio.

450 - 470 Ultra High Frequency Band. Business, industry, military, fire, government.

470 - 512 TV Channels 14-20, shared with law enforcement.

512 - 824 TV Channels 21-69, others.

824 - 849 Cellular telephones (receivers/handsets).

849 - 851 Aeronautical telephones (ground-based towers).

851 - 866 Business, public safety, trunked systems.

866 - 869 Public safety, law enforcement, trunked systems.

869 - 894 Cellular telephones (towers).
Note: Even though listening to cellular telephone calls is technically illegal in the United States, one will usually do better listening to calls on the tower frequencies, as opposed to the handset frequencies. This is because most cellular phones transmit less than one-watt of output. So unless the cellular phone is very close to you, you will have much more luck scanning the more powerful towers, which transmit/receive for each cell site.

894 - 896 Aeronautical telephones (handsets).
Note: In scanning airplane telephones, you will usually do better listening to the handset frequencies, instead of the tower frequencies, unless you are very near a ground transmitter.

But, in any event, call traffic heard on handset frequencies (which are transmitted from a high-powered transmitter on the aircraft) you may hear nothing at all, or many conversations, depending on your location and time of day.

896 - 901 Private land mobil units.

902 - 928 Land mobile, amateur radio, personal communication units, cordless telephones.

928 - 932 Radio paging.

935 - 940 Business radio.

941 - 944 Government and non-government fixed services.

944 - 952 Broadcasters' studio-to-transmitter links.

952 - 960 Private fixed services, paging.

960 - 1240 Aeronautical navigation.

1240 - 1300 Amateur radio.

1300 - 1350 Aeronautical navigation.

1350 - 1400 Radio location.

1400 - 1427 Radio astronomy.

1427 - 1429 Point-to-point, mobile, space.

1429 - 1660.5 Various satellite transmission uses.

1660.5 - 1668.4 Radio astronomy.

1668.4 - 1700 Meteorological aids.

1700 - 1850 Meteorological satellites, U.S. Government.

1850 - 1990 Fixed point-to-point, microwave.

1990 - 2110 Broadcast studio-to-transmitter links.

(end)

4640. Re: scanners on board planes

Newsgroup: rec.radio.scanner
Date: 1994-10-30 01:59:41 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Oct30.015941.25988@hpcvaac.cv.hp.com>
Source record: 266441

cgwh@chevron.com (Curtis Wheeler) writes:
: (a) Except as provided in paragraph (b) of this section, no person may
: operate, nor may any operator or pilot-in-command of an aircraft allow the
: operation of, any portable electronic device on any of the following U.S.
: registered civil aircraft:
: (1) Aircraft operated by a holder of an air carrier operating certificate
: or an operating certificate; or
: (2) Any other aircraft while it is operated under IFR.
:
: (b) Paragraph (a) of this section does not apply to -
: (1) Portable voice recorders
: (2) Hearing aids
: (3) Heart pacemakers
: (4) Electric shavers
: (5) Any other portable electronic device that the operator operator of the
: aircraft has determined will not cause interference with the navigation or
: communication system of the aircraft on which it is to be used.
:
: (c) In the case of an aircraft operated by a holder of an air carrier
: operating certificate or an operating certificate, the determination required
: by paragraph (b)(5) of this section shall be made by that operator of the
: aircraft on which the particular device is to be used. In the case of other
: aircraft, the determination may be made by the pilot-in-command or other
: operator of the aircraft.

: This section (specifically (c)) says the airline makes the determination to
: allow the use of particular electronic devices. The airline company is the
: aircraft operator/air carrier certificate holder in that case. A pilot in
: command that allows use of a device prohibited by the company would be in
: violation of this FAR.

That is not what the claim was. The claim was that there was a blanket
prohibition against allowing various electronic devices. As may be seen
from your posting, that is NOT the case.

Bill

4641. Re: Travelling across borders with the PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-10-30 02:09:43 UTC
From: shearman@bonk.io.org
Message-ID: <38uv97$4qb@ionews.io.org>
Source record: 266350

Paul Hancock (hancock@access.mbnet.mb.ca) wrote:
: I am going to be in Chicago next week and thought I would take my scanner
: with me but I am unsure of what treatment I will receive from U.S. and
: Canadian customs. My Pro-43 hasn't been modded (yet) so it can't receive
: cellular.

: Are there any Canadians or Americans out there that have travelled across
: the border with their scanner and experienced any problems? As long as I
: have my original purchase receipt will I be O.K? Hope there's someone out
: there that can enlighten me.

You should take your radio down to your local Customs Office and get it registered (should be done with all electronic equipment, computers, camera, etc.). This is the documentation you will need to show (if requested) that your radio or whatever was purchased in Canada and you won't be charged duty/GST/whatever.

You could also carry your scanner in your hand luggage (if flying), as it could go "missing" in your luggage.

You should also find out what the regulations are for scanners in Illinois. Maybe they are legal and maybe they aren't...

I've taken my scanner into the U.S. but I had more fun with my short wave receiver <g>

4642. Re: TORONTO AVIAIOTN FREQ

Newsgroup: rec.radio.scanner
Date: 1994-10-30 02:13:17 UTC
From: shearman@bonk.io.org
Message-ID: <38uvft$4qb@ionews.io.org>
Source record: 266348

Joe Newman (joe.newman@onlinesys.com) wrote:
: Anybody have all the aviaiotn frequencies for the Toronto area? If so,
: please E-mail it to Joe.newman@onlinesys.com
: ---
: 1st 1.11 Who is the Vice President of The Hair Club for Men???

Tarawna is a big airport... Are you looking for the whole nine yards?

4643. Re: TORONTO AVIAIOTN FREQ

Newsgroup: rec.radio.scanner
Date: 1994-10-30 02:16:34 UTC
From: shearman@bonk.io.org
Message-ID: <38uvm2$4qb@ionews.io.org>
Source record: 266349

Joe Newman (joe.newman@onlinesys.com) wrote:
: Anybody have all the aviaiotn frequencies for the Toronto area? If so,
: please E-mail it to Joe.newman@onlinesys.com

Bop out to your local Coles or SmithBooks and pick up a Haruteq guide.
over 200 PIA frequencies listed there. Also check to Ontario DX Assn. BBS
at 905-841-6490. There may be a file with the PIA frequencies there...

4644. Radio Shack DX-392 Zap Question

Newsgroup: rec.radio.scanner
Date: 1994-10-30 02:32:40 UTC
From: g9153402@huey.csun.edu
Message-ID: <38v0k8$sjp@nic-nac.CSU.net>
Source record: 266442
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

I own a Radio Shack DX-392 shortwave radio (aka Sangean ATS-818CS).
I use an approximately 50 foot long, insulated, 18 gauge wire, running
from the radio, going around the floor/carpet of my bedroom (I'm on
the second floor) and then going into my closet where it stops at the
end of the top shelf. This set up works fairly well in getting most
shortwave reception. My concern now is possibly zapping the unit with
some static charge or signal overload which may somehow wreck it, or
hurt its sensitivity. Any suggestions on my fear here, and whether I
should attach any resistor to where my wire antenna is clipped to the
whip antenna, to protect the receiver's circuitry?

4645. Re: Military aircraft scanning?

Newsgroup: rec.radio.scanner
Date: 1994-10-30 02:38:38 UTC
From: robinett@cscns.com
Message-ID: <robinett.26.0013A56D@cscns.com>
Source record: 266443

In article <9410251536.AA00667@craysea.cray.com> glitwin@craysea.cray.com (Gary Litwin) writes:
>From: glitwin@craysea.cray.com (Gary Litwin)
>Subject: Military aircraft scanning?
>Date: 25 Oct 1994 10:36:20 -0500

>Hello -

>I live in Seattle, Washington, and would like to monitor the military
>activity associated with this area.

>I have scanned 225-400 Mhz, and not heard anything yet.

>Has anyone heard military aircraft in my area?

>Can anyone give me some pointers to appropriate frequencies to scan?

>A book title or other source for information would be appreciated as well!

>Thanks!

>Gary Litwin
>glitwin@craysea.cray.com

These freqs are from the DODs IFR supplement (published by the Defense Mapping Agency). Mc Chord AFB: Tower 236.6, Weather 342.5, FAA Flight Service 255.4, Pilot to Dispatch 372.2, Command post 349.4, Seattle Approach 391.9. I hope these work for you. I used to fly C-141 aircraft into Mc Chord from Travis AFB, CA. Good luck.

Rob Robinette

4646. Re: Radio ratings by monitoring car recievers?

Newsgroup: rec.radio.scanner
Date: 1994-10-30 02:52:25 UTC
From: ax446@FreeNet.Carleton.CA
Message-ID: <CyGtBD.Gz7@freenet.carleton.ca>
Source record: 266444

In a previous article, rshepard@interaccess.com (Robert E. Shepard) says:

>It's not practical, because to do so accurately would require that all radio
>rcvrs use the same injection / IF frequecies etc..(they Don't). But yes, with
>the right equipment, it is qutie possible to sit outside someone's home / car
>whatever, and figure out what they are watching on TV, Radio, and even what
>they are typing on the computer (NO JOKE!). Does it really happen? Probably
>not unless you have some problem with the Feds!.
>

Hi There...

Probably not legally in the US, but it definitely happens in the UK
where I just spent a year. They have these little vans that drive up and
down the streets which use injection to detect TV sets (you pay a license
fee for having them). Doesn't even matter on the brand. Shows that it
can be done quite easily.

--
Dan Hilliker - Engineers rule the World -
ax446@freenet.carleton.ca Per Ardua Ad Astra

<my opinions only, not my employer's>

4647. Re: ENOUGH ALREADY!!!!!!

Newsgroup: rec.radio.scanner
Date: 1994-10-30 03:34:29 UTC
From: crisp@netcom.com
Message-ID: <crispCyGv9H.6GI@netcom.com>
Source record: 266445

In article <CyD56p.LEC@freenet.carleton.ca> az342@FreeNet.Carleton.CA (Robert E. Edmunds) writes:
>
>
> Just thought I would fill everyone in on some important points in the
>ongoing battle over waste of bandwidth:
>
> 1 - Your assuming everyone who reads this newsgroup is concerned with what
> the U.S. government is doing to regulate scanner use. There is
> more to the universe than the U.S.
>
> I live in CANADA, and don't give a sh*t about what your
> government is doing to limit your scanning abilities. If your so
> concerned with how Clinton is infringing on your rights, then
> I'm sure you can find an acre or two of Canadian soil to park your
> self down on.
>
s

Actually you do care but you rdo not realize it. The US market for equipment is the largest in the world, many devices sold in the US are th same models sold elsewhere. In some cases what is legal to be sold in the US determines what you will be offered for sale.

Finally for good or worse, often other countries follow suit in having new laws as we do in the us. If we start banning this and that, then your politicians may clamor for the same restrictions.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box, and the cartridge box. Let's effectively use the first two so we do not have to resort to the third!

4648. Bearcat 200XLT or similar scanner Wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-30 03:38:49 UTC
From: erik@fishtank.equinox.gen.nz
Message-ID: <783488329.87snx@fishtank.equinox.gen.nz>
Source record: 266447

Im looking for a Bearcat 200XLT or similar scanner. Can pay up to $140 US. Would preferably be cellular capable as it is not illegal to listen to here. I have someone who can bring the scanner back from the states to New Zealand where I live.

Cheers.
Martin

4649. Re: Scanners in the UK

Newsgroup: rec.radio.scanner
Date: 1994-10-30 03:41:16 UTC
From: pmb@netcom.com
Message-ID: <pmbCyGvKt.LMA@netcom.com>
Source record: 266446

Jonathan Clough (Clough@javiaton.demon.co.uk) wrote:
: In article <38dscn$137@newsbf01.news.aol.com> dmoore1@aol.com "Dmoore1" writes:

: UK is not illegal neither are their any restrictons on coverage
: but as a "man in the street" all you can legally listen to is
: Broadcast band Radio and Amateur Transmissions - anything else is
: technically a no no.

What about public transport? Specificially London Transport underground
operations? British Rail (or whatever they call it these days) for
example the Intercity 225s or Network SouthEast?

On the same topic, how about listening to public transport on the Continent?

--
Phil Burton pmb@netcom.com
Palo Alto, CA

4650. Re: Wanted: NYC freqs with P.L.

Newsgroup: rec.radio.scanner
Date: 1994-10-30 05:47:19 UTC
From: dra@pipeline.com
Message-ID: <38vc17$31g@pipe1.pipeline.com>
Source record: 266448

gdzimmer@stud.med.cornell.edu (Gary Zimmer) wrote:

>
>Does anyone have a relatively complete list of
>frequencies for New York City. I really need a list
>with PL (CTCSS, or whatever you want to call them) as
>well. Fire/EMS/Police, etc. Thanks!
>
I would HIGHLY reccoment the "Scanner Master New York
Metro/Northern New Jersey Guide." It has everything you say
you want, and is more accurate and up-to=date than any other
lists I've seen. Only thing missing are INPUT freqs - for
NYPD.<<DRA>>

4651. RCMP Freqs Wanted: Surrey, BC, Canada

Newsgroup: rec.radio.scanner
Date: 1994-10-30 07:01:10 UTC
From: franklin@freenet.vancouver.bc.ca
Message-ID: <38vgbm$52a@freenet.vancouver.bc.ca>
Source record: 266449

I live in Vancouver, BC. Am interested in finding freqs used by Surrey RCMP to communicate with US Border Patrol in dealing with illegal crossings of the US/Canada Border. Any ideas? Still no luck finding out which freqs US Border Patrol is using in the Blaine area either -- a few of their units are on 163.625 but this is primarily a freq used the border office uses to contact Blaine PD units of illegal entry.

4652. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-10-30 07:27:36 UTC
From: pschleck@gonix.com
Message-ID: <38vht8$7qt@senator-bedfellow.MIT.EDU>
Source record: 266450
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.policy

In article <CyB33H.8zv@news.hawaii.edu>,
Jeffrey Herman <jeffrey@kahuna.tmc.edu> wrote:
>Rich: There *are* political newsgroups just waiting for your posts.
>There are computer encryption groups just waiting for your posts.
>Folks who are interested in your articles can read them there.
>The point of my posts to you are to just ask you to post short-
>wave related articles. But let's make a deal: What ever
>root@netcom.com decides in this matter we will abide by.
>Agreed?
>Oh, I get letters, too, saying ``you're right - it's gotten
>too noisy''.
>
>Jeff

How hypocritcal of you, Jeff. This is the same Jeff Herman who drones on endlessly about homosexual bathroom cruising and sex acts at his University on rec.radio.amateur.policy (almost to the point of making even the straightest readers wonder if Jeff had toilet-training problems as a child) while ignoring all reasonable pleas to exercise some constraint and appropriateness of venue regarding subjects that are clearly not radio-related.

As surely as death and taxes, Jeff can be counted on to take any thread regarding the Lambda Amateur Radio Club and twist it into something unrecognizable as an amateur-radio-related thread of discussion. However, God forbid if anyone annoys Jeff with off-topic articles that are not part of his obsessive personal agenda. You've helped turn the radio-related Usenet newsgroups into what they are today, Jeff (both the bad and the good), take some responsibility for your actions.

Of course, restraint and appropriateness of venue are binding on me as well, so I've spoken my peace on this issue and won't rant further (but I will at this time emphasize that I'm straight and am criticizing Jeff's immaturity more than his attacks on the homosexual lifestyle, which I consider more comical than "homophobic," whatever that is).

--
73, Paul W. Schleck, KD3FU
pschleck@gonix.com

4653. FREQUENCY INTELLIGENCE DIRECTORY

Newsgroup: rec.radio.scanner
Date: 1994-10-30 07:28:36 UTC
From: dra@pipeline.com
Message-ID: <38vhv4$9n9@pipe1.pipeline.com>
Source record: 266451

Anyone know how to obtain a copy of the "Frequency Intelligency Directory" by Francis James ('Jay') Harris?

He was recently busted by Plantation, FL police and Motorola.

<<DRA>>

4654. Info server

Newsgroup: rec.radio.scanner
Date: 1994-10-30 07:49:47 UTC
From: Nicholas Toth <nickolas@gate.net>
Message-ID: <Pine.A32.3.90.941030024122.85053A-100000@inca.gate.net>
Source record: 266452

Hello,

I'm posting this to announce CYBERJUNKIE BBS Info server. The reason
i'm posting it here is cuz I have added a few good files with scanner
freqs to get a Index if what I have to offer send a email message to
WL-INFO-CJ@SOCIETY.COM and in the subject type INDEX. I just put these
files up a few days ago, so theres not much. Anyone wanting to help me
with a few good FREQs lists i'll put them up as soon as I recive them
this service is free so have fun and most of all happy scanning. All
replys should be sent to wl-zigzag-cj@society.com that way I can foward
the lists or even any scanner info to the info server. Thank You for
your time ;)

Nickolas Toth -- Sysop -- Cybeyjunkie BBS Tamarac FL

4655. Pro-43 direct frequency entry?

Newsgroup: rec.radio.scanner
Date: 1994-10-30 08:06:51 UTC
From: kwong@ee.ualberta.ca
Message-ID: <38vk6r$13ot@quartz.ucs.ualberta.ca>
Source record: 266454

I recently bought a Pro-43 handheld scanner to complement my Pro-2032 base station. For the most part, keypad operation is very similar. However,there is one feature from the Pro-2032 -- which I believe is not mentioned in the manual -- that I miss on the Pro-43.

On the Pro-2032, upward or downward scanning from a directly entered frequency (as opposed to a stored channel) is possible. With the radio in Manual mode, you simply punch in the frequency in megahertz and press the Up or Down button. The shortfall of the Pro-43 is that it can only do Direct scans from stored channels. So if you want to scan a new band, you either store the initial frequency as a channel first and enter Direct scan mode from there, or do a Limit search after setting an upper and lower frequency.

Did I miss something in the Pro-43 manual?

4656. Re: Pro-43 direct frequency entry?

Newsgroup: rec.radio.scanner
Date: 1994-10-30 11:49:35 UTC
From: schuster@panix.com
Message-ID: <39018f$idg@panix3.panix.com>
Source record: 266457

In article <38vk6r$13ot@quartz.ucs.ualberta.ca>,
Kevin Mark Wong <kwong@ee.ualberta.ca> wrote:
>I recently bought a Pro-43 handheld scanner to complement my Pro-2032
>base station. For the most part, keypad operation is very similar.
>However,there is one feature from the Pro-2032 -- which I believe is not
>mentioned in the manual -- that I miss on the Pro-43.
>
>On the Pro-2032, upward or downward scanning from a directly entered
>frequency (as opposed to a stored channel) is possible. With the radio
>in Manual mode, you simply punch in the frequency in megahertz and press
>the Up or Down button. The shortfall of the Pro-43 is that it can only do
>Direct scans from stored channels. So if you want to scan a new band,
>you either store the initial frequency as a channel first and enter
>Direct scan mode from there, or do a Limit search after setting an upper
>and lower frequency.
>
>Did I miss something in the Pro-43 manual?

Nope, you didn't. This is but one item in my long, recurring tirade
against the PRO-43. Don't make me drag it out again .....

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4657. Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-10-30 14:56:53 UTC
From: bobj@netaxis.com
Message-ID: <390c7l$p2g@eliza.netaxis.com>
Source record: 266458

A new Taco Bell just opened up down the street from my house, and I am looking for the drive through frequency. I used to have one, and it was in the UHF range. Can anybody help? Thanks...

4658. Re: Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-10-30 14:57:19 UTC
From: kevwright@cix.compulink.co.uk
Message-ID: <CyHqvJ.FHu@cix.compulink.co.uk>
Source record: 266466

Thanks guys for all the comments on the Pro-43. My deciosn after a few days was to return it under my money back guarantee for a refund. Why?

Well to be honest, I was not happy having the gaps, silly maybe, but given money is not really a problem, I figured I may as well spend a bit more an get a full range unit.

I looked at the MVT 7100, but to be honest I was not very impressed, it seemed to have poorer "sound quality" than the pro-43, so I went all the way and got an AOR 8000.

This is very nice, and I particually like the dial facilty on the top which the pro43 lacked (although the MVT 7100 has it also). Only quibble is that for 420 ukp, (MVT 7100 was 320 ukp) the battery cover is very loose, although I guess when I have got the soft case this will not be a problem.

Next thing to sort out is a decent anttena for home use, I am a bit confused about this actually, esp as the 8000 goes up to 1900 odd Mhz and most "discone" only cover 1300.

Silly question time: If I have a discone (or what?) on my roof, can I (assuming plugs being correct) feed my normal FM tuner with it when not using it for the scanner?

Kevin

4659. Basic beginner

Newsgroup: rec.radio.scanner
Date: 1994-10-30 15:02:31 UTC
From: dpfg@ukc.ac.uk
Message-ID: <5375@rook.ukc.ac.uk>
Source record: 266459

As a newcomer, I would ask:

Any recommendations for a cheap easy to use scanner that
gets all the aircraft, marine, public band stuff etc. without
too many frills; simply something that can be accurately tuned?

Also any general pattern of frequency uses in GB?

Thanx

4660. Re: Baltimore Area Info Wanted

Newsgroup: rec.radio.scanner
Date: 1994-10-30 15:35:19 UTC
From: pgoldsmi@bu.edu
Message-ID: <390efn$fdc@news.bu.edu>
Source record: 266460

I think I have some info that will help you, but not a whole
lot. :-)
Balt. City FD dispatches on 154.145, I believe. Lower unit numbers
are downtown, higher numbers are outlying areas. (ie: E45, L27, M14 are in
deep, darkest Northwest Baltimore)
Balt. County dispatches on 46.46. Then they switch them off to one of
four operations freqs, which I can't remember. Sorry! Their setup is rather
odd. There is a paid Balt. County FD which operates single engine companies
and ALS medical dispersed throughout the county. There are also a vast number
of volunteer companies-somewhere near 50-that do most of the heavy work.
Here are a couple from memory.
Pikesville-32n
Owings Mills-31n
The vollie companies are assigned the first two digits of their unit numbers
on a countywide basis. They range from 10n on up to forty-something. The
paid units are just E1, M1, etc. etc. Have fun! Both freqs I gave you are
rather busy, and the city has trunking tones on their freq. Yuck!
Phil Goldsmith
pgoldsmi@acs.bu.edu

4661. Re: Help: can I hear mobile to base?

Newsgroup: rec.radio.scanner
Date: 1994-10-30 16:01:05 UTC
From: Ed Faulk <efaulk@shelties.dp.beckman.com>
Message-ID: <1994Oct30.090444.1542@biivax.dp.beckman.com>
Source record: 266462

In article <38kv1a$7b5@ixnews1.ix.netcom.com>, <tdoh@ix.netcom.com> writes:

> Can someone help me-I'm fairly new to scanning...my question
> is this: When listening in on police frequencies (e.g., CHP), why
> is it that I can hear only the base station output and not the
> mobile? I can pick up the CHP base freqs at around 42 Mhz--
> anyone know how to pick up the corresponding incoming mobile
> freqs? Someone had mentioned something about the mobiles using
> repeaters--how does this relate to my question, if at all?
> Any help on this would be greatly appreciated...
>
> BTW, I just got my PRO-43, and have no regrets buying it,
> even though I'm heavily in debt...I've actually spent more
> time listening in with my scanner than I have spent at my
> PC since I bought it!!
> --
>
> ---
> The Tonester
> tony@bart.naig.com (work) or
> tdoh@ix.netcom.com (home, when I find time
> to log on, which is very
> little)

Most police departments have the mobiles broadcast on one frequency while the base station broadcasts on another. The repeater is designed to pick up the mobile station's broadcast and rebroadcast it on the base station frequency. If you are getting only the base station, you may have a one-way system. The CHP has a generic "all cars" broadcast frequency that is used only to broadcast. The mobile frequency is not rebroadcast on that frequency.

Ed

4662. Re: Radio ratings by monitoring car recievers?

Newsgroup: rec.radio.scanner
Date: 1994-10-30 16:57:34 UTC
From: dseitel@crl.com
Message-ID: <390j9u$icj@crl4.crl.com>
Source record: 266461

Daniel Hilliker wrote:

> Probably not legally in the US, but it definitely happens in the
> UK where I just spent a year. They have these little vans that drive
> up and down the streets which use injection to detect TV sets (you
> pay a license fee for having them).

They also did this in Germany when I lived there, for the same reason:
to make sure you paid your per set fee/tax/license.

David S. Eitelbach
dseitel@crl.com

4663. Fresno, Ca. Freq's

Newsgroup: rec.radio.scanner
Date: 1994-10-30 18:03:04 UTC
From: sblackman@oavax.csuchico.edu
Message-ID: <390n4o$psr@charnel.ecst.CSUChico.EDU>
Source record: 266463

I am looking for Police, Fire and any other freq's for this
town I will be visiting this week.
Thanxalot, Steve

4664. San Jose Area FREQS Wanted.

Newsgroup: rec.radio.scanner
Date: 1994-10-30 18:42:06 UTC
From: Lavender <lav@rahul.net>
Message-ID: <390pdu$c9n@hustle.rahul.net>
Source record: 266464

HI. I've just discoverd this newsgroup! I have a 100 channel programmable scanner. I'm wondering where I can get the freqs for my area, i.e. San Jose and vicinities. I have a copy of Police Call that's about 2 years old and it has nothing in there for California. (I just moved to CA 8 months ago and just unpacked my scanner). Can someone direct me to where I can get these frequencies? Thanking you all in advance.

PS: I'm a newbie scanner user. :) And I hope this is the proper newsgroup for my inquery.

My main interest is listening to police, 911, ambulance calls, etc.
--
Lavender <lav@rahul.net>

4665. Mobile Antenna

Newsgroup: rec.radio.scanner
Date: 1994-10-30 19:15:54 UTC
From: Alan Shen <kermee@u.washington.edu>
Message-ID: <Pine.ULT.3.91a.941030110752.20663A-100000@hardy.u.washington.edu>
Source record: 266465
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

Hello All! Looking for some help in purchasing a nice mobile antenna. I would like a permanently installed, inconspicious installed antenna. Like one of those "cellular" look a likes. Specifically for the CB receive bands, and the police bands. I just bought a new Trident TR2-C which covers those specific areas which I'm going to permanently mount under my dash.

My problem is, that some people say that the "Cellular" look-a-like scanner antennas are worth crap (the no-holes-need-to-drill-thru-glass type) and I'm not so sure about the performance for the 18" whip antennas.

Could somebody give me some ideas on what I should purchase for a nice "non-attention drawing" external antenna? Prices, and places to get. If all else fails, I'll probably end up going to the local Radio Shack and purchase the 18" whip or the cellular look-a-like.

Thanks in Advance!

Please make sure you reply to: rvkc60e@prodiyg.com
This is a friend's account.

- Daniel Kao

Daniel Kao | Cellular Phone/Voxmail | "It has always been
E-mail: rvkc60e@prodigy.com | and Digital Pager: | easier to destroy
Prodigy: RVKC60E | (206) 791-8032 | then to create."
Living in the great PNW | Call 24 hours a day | - Spock
Olympia, WA (KB7GFE) | 7 days a week. | Star Trek III

Please,
Send me E-mail after encrpyting it with PGP if needed or whenever possible.
Thanks.

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6

mQCNAi6psw0AAAEEALUa8IuCunQEw16v75fYL5o/LSffGC/MIF0J8ew2xpdlSdfL
cwkVrmgjqh/6yHn3RnZYISvaSWxBsmtdAxV5iYmRjVk/4jPoz2jzUQI6LiNJL8ul
mQs2tdlym9LP8JZgoHj+AXKM9pKQ13aZx/VTM3x5pG6wHJ9+MkmOSxxOURApAAUR
tCNEYW5pZWwgUC4gS2FvIDxydmtjNjBlQHByb2RpZ3kuY29tPg==
=kqCi
-----END PGP PUBLIC KEY BLOCK-----

4666. Decoding ACARS with a modem?

Newsgroup: rec.radio.scanner
Date: 1994-10-30 19:34:23 UTC
From: Peter.Russo@launchpad.unc.edu
Message-ID: <390sfv$o7e@bigblue.oit.unc.edu>
Source record: 266467
Cross-posted to: rec.radio.scanner,rec.radio.amateur.digital

This may be a stupid question, but...

Is there any way to decode ACARS signals from an airplane with an ordinary
2400 bps modem?

Thanks in advance

-Peter Russo
prusso@chop.isca.uiowa.edu

--
-- --
Launchpad is an experimental internet BBS. The views of its users do not
necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
-- --

4667. Re: Decoding ACARS with a modem?

Newsgroup: rec.radio.scanner
Date: 1994-10-30 20:07:07 UTC
From: rossl40555@aol.com
Message-ID: <390udb$duf@newsbf01.news.aol.com>
Source record: 266469

In article <390sfv$o7e@bigblue.oit.unc.edu>, Peter.Russo@launchpad.unc.edu (Peter Rphaaphael Russo) writes:

:Decoding ACARS with a Modem?

At the Monitoring Times Convention in Atlanta about two weeks ago, Lowe unveiled a demodulator that will plug into the serial port of your computer and the other end into the earphone jack on your scanner. It will decode and display ACARS messages. The sales person from EEB (?) in Vienna, Va. said the price would run about $200 and is expected to on the market within a month.

4668. Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-10-30 20:16:31 UTC
From: mupmw7@uxa.ecn.bgu.edu
Message-ID: <390uuv$22q@news.ecn.bgu.edu>
Source record: 266468

Try the usual 154.600 for the general business band... That should recieve the employees end of the conversation. The customers end is in the 40 mhz range somewhere I believe.

4669. Re: Recording 2006 audio with inex. vox recorder - How?

Newsgroup: rec.radio.scanner
Date: 1994-10-30 20:25:33 UTC
From: veith@cherokee.nsuok.edu
Message-ID: <CyI62L.Fon@cherokee.nsuok.edu>
Source record: 266330

<CyE9s4.84G@boi.hp.com>

I have a similar (identical?) problem when recording from my 2006
with a vox recorder.

I discovered that in my case, at least, some of the frequencies I
programmed to scan were in different bands. Specifically, I had
a 40 mhz band frequency programmed in with predominantly 150 mhz
band frequencies.

A very slight "pop" sound could be heard when the scanner dropped
down to the lower band. It's very faint, but enough to activate
the recorders vox circuit even when set on low sensitivity. My
"solution" was to lock out the offending band-changes when vox
recording. If anyone has a more elegant and workable solution
I'd sure like to hear it.

///////\
_/_/_/_/_/_/ |||||||::| _/_/_/_/_/_/ Charles (KG5TV)
_/_/_/_/_/_/~~~||||||| ~~~_/_/_/_/_/_/ Tahlequah, Oklahoma
\\\\\\\/ veith@cherokee.nsuok.edu

4670. Philadelphia listeners!

Newsgroup: rec.radio.scanner
Date: 1994-10-30 21:01:44 UTC
From: santamariar@hal.hahnemann.edu
Message-ID: <30OCT94.21014404@hal.hahnemann.edu>
Source record: 266473

Attention scanners in Philly and surrounding areas.
A few of us are trying to get a new group called phl.scanner.
If you are interested please post in phl.misc.

Thanks

4671. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-10-30 21:04:09 UTC
From: wwhitby@aol.com
Message-ID: <3911o9$f37@newsbf01.news.aol.com>
Source record: 266470

Try 154.515. That's the freq that my local Taco Bell uses.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

4672. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-30 21:33:05 UTC
From: entropy@zeus.IntNet.net
Message-ID: <3913eh$rq7@xcalibur.IntNet.net>
Source record: 266472
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

```
>They don't listen to them manually, they actually have computers listen
>for 'key' words. Anything with 'kill' and 'president' gets some attention
>I guess. Soon, any converstaion with 'scanner' will bring armed men to
>your door I'm sure.

Upon what information do you base this bullshit statement?

-jon

--
( THEY CAN STOP THE PARTY, BUT THEY CAN'T STOP THE FUTURE )
( --------------------[ entropy@intnet.net ]------------- )
```

4673. Re: ENOUGH ALREADY!!!!!!

Newsgroup: rec.radio.scanner
Date: 1994-10-30 21:35:22 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3913iq$1154@tiger1.ocs.lsu.edu>
Source record: 266471

Atta boy, Tony!
This discussion sub covers just about anything pertaining to scanners.
That's the beauty of it.You can find (or ask about) whatever you want.
And if you don't like the topic on a thread, then don't read it. I
can't believe that you are saying it's more of a pain to skip over
a thread than to read it.
Dave

But Tony, I think even if the Americans WERE in the minority, we would
have as much right to post as the majority...regardless of the topic.

Dave

Tony Rossi (af546@yfn.ysu.edu) wrote:

: I am interested in the information provided. I am not a Canadian citizen
: and therefore feel that the majority of users to this area are of U.S.
: origion and care to hear of discussions pertaining to "such radio politics"

: If you really are that upset I suggest moving to rec.canada.scanner.snobs.
: --

4674. Order, Order

Newsgroup: rec.radio.scanner
Date: 1994-10-30 21:52:00 UTC
From: paul.cordingley@canrem.com
Message-ID: <60.10752.5773.0N1B7B8F@canrem.com>
Source record: 266315

Is there a usenet guru out there who can explain exactly how to
start a reorganization of scanner-related newsgroups? Do we circulate
a petition? Is there a body that approves new discussion groups? To whom do
we address our views? Is there a voting process?

A number of writers in this newsgroup (myself included) have already
commented that the breadth of material, while all valid, has become
inconvenient. Some sort of subdivision would help the reader get to
specific topics quickly, and those who have the time and interest to
digest it all can still read all the newsgroups.

So, assuming there are others of like minds, how does one start things moving?

Regards, Paul

PS: While I'm on my soapbox, my personal opinion of what to do is:
Establish a new newsgroup limited to exchange of technical information -
eg VHF/UHF radio theory, transmission line and antenna theory,
monitoring techniques, information on how UHF/VHF systems work
and how they are used. Discussion of *NEW* equipment and modifications would
be acceptable, as would listing of *NEW* or topical frequencies....
but those seeking well-documented information on freq's, mod's
or 'old' equipment would be politely referred to FAQ's or FTP sites.
The existing alt. and rec. scanner groups would remain for far-reaching
discourse on other topics just as they are used now.

... VHF - Very Heated Flaming UHF - Ultimately Heated Flaming
--- Blue Wave/QWK v2.10

4675. subscribe

Newsgroup: rec.radio.scanner
Date: 1994-10-30 21:58:57 UTC
From: gandalf@midearth.system-ent.com
Message-ID: <214@midearth.system-ent.com>
Source record: 266331

```
Subscription request

Middle Earth BBS Southfield, Mi (810) 583-3272
VBBS V6.14 VirtualNET @1313005 InterNet @midearth.system-ent.com
```

4676. Re: FREQUENCY INTELLIGENCE DIRECTORY

Newsgroup: rec.radio.scanner
Date: 1994-10-30 22:37:22 UTC
From: habu@gate.net
Message-ID: <391772$inn@tequesta.gate.net>
Source record: 266474

David Alpert (dra@pipeline.com) wrote:
: Anyone know how to obtain a copy of the "Frequency Intelligency
: Directory" by Francis James ('Jay') Harris?

: He was recently busted by Plantation, FL police and Motorola.

: <<DRA>>

If you live in S.Florida you can buy it at Eli's Electronics or you
can get it from Groves.

Mike

```
-------------------------------------------------------------------------
|Mike Fink |Support the Right to Bear Arms |
|Ft.Lauderdale Fl. |Gun control only affects those citizens|
|habu@gate.net |who obey laws. |
-------------------------------------------------------------------------
```

4677. Freqs in South Bend, IN

Newsgroup: rec.radio.scanner
Date: 1994-10-30 23:02:35 UTC
From: mmakhija@tellabs.com
Message-ID: <1994Oct30.230235.17723@tellab5.tellabs.com>
Source record: 266337

I am looking for police/aviation frequencies in the So. Bend, IN area.
Is anyone aware of a mailing list for such information for IN and/or MI ?

Any help will be much appreciated.

--
Munesh Makhija, N9SAA mmakhija@tellabs.com

4678. Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-10-30 23:26:03 UTC
From: giles.26@postbox.acs.ohio-state.edu
Message-ID: <giles.26.3.2EB42B8B@postbox.acs.ohio-state.edu>
Source record: 266326

You might try the 450-470 Mhz band. The Taco Bell in my city uses a repeater in the 464/469 range. It is very low power, and the output on 464 is continuous. If it is like this, it should be easy to find if your scanner has the search feature. Also, this Taco Bell opened in the last 2 months.

Hope this helps!
Aaron
giles.26@osu.edu

4679. Re: San Jose Area FREQS Wanted.

Newsgroup: rec.radio.scanner
Date: 1994-10-30 23:41:20 UTC
From: msattler@jungle.com
Message-ID: <391av0$5d5@satisfied.elf.com>
Source record: 266325

In article <390pdu$c9n@hustle.rahul.net>
Lavender <lav@rahul.net> writes:

> HI. I've just discoverd this newsgroup! I have a 100 channel
> programmable scanner. I'm wondering where I can get the freqs
> for my area, i.e. San Jose and vicinities. I have a copy of
> Police Call that's about 2 years old and it has nothing in there
> for California. (I just moved to CA 8 months ago and just
> unpacked my scanner). Can someone direct me to where I can get
> these frequencies? Thanking you all in advance.

From my home page on the Web (pointer below) you'll find a complete
listing of municipal frequencies in California broken down by town.
Enjoy.

_/_/_/

4680. Re: Pro-43 direct frequency entry?

Newsgroup: rec.radio.scanner
Date: 1994-10-31 00:43:13 UTC
From: dcomer@dmcmicro.win.net
Message-ID: <70@dmcmicro.win.net>
Source record: 266327

In article <38vk6r$13ot@quartz.ucs.ualberta.ca>, Kevin Mark Wong (kwong@ee.ualberta.ca) writes:
>I recently bought a Pro-43 handheld scanner to complement my Pro-2032
>base station. For the most part, keypad operation is very similar.
>However,there is one feature from the Pro-2032 -- which I believe is not
>mentioned in the manual -- that I miss on the Pro-43.
>
>On the Pro-2032, upward or downward scanning from a directly entered
>frequency (as opposed to a stored channel) is possible. With the radio
>in Manual mode, you simply punch in the frequency in megahertz and press
>the Up or Down button. The shortfall of the Pro-43 is that it can only do
>Direct scans from stored channels. So if you want to scan a new band,
>you either store the initial frequency as a channel first and enter
>Direct scan mode from there, or do a Limit search after setting an upper
>and lower frequency.
>
>Did I miss something in the Pro-43 manual?
>
While in the manual mode press PGM, enter the frequency of interest,
press ENTER, press DIRECT, then use the up or down keys to scan from
there. Is that what you had in mind?

Regards,

Dave Comer

4681. Re: FREQUENCY INTELLIGENCE DIRECTORY

Newsgroup: rec.radio.scanner
Date: 1994-10-31 00:47:56 UTC
From: bsherman@satelnet.org
Message-ID: <391ers$p4r@sefl.satelnet.org>
Source record: 266328

In <38vhv4$9n9@pipe1.pipeline.com> dra@pipeline.com (David Alpert) writes:

>Anyone know how to obtain a copy of the "Frequency Intelligency
>Directory" by Francis James ('Jay') Harris?

>He was recently busted by Plantation, FL police and Motorola.

Add to the above the United States Secret Service. They busted him over a month ago, got a federal grand jury to hand down two counts, and Harris has been sitting in jail as a federal prisoner for the past 5 or 6 weeks. No bond has ever been set, so he cannot get out, even if he had the money to post a bond.

As best I know, his book was mainly sold through radio stores in th e Fort Lauderdale, Florida area. It is "rumored" that other charges against him are waiting for him if/when he ever gets back on the streets.

--
bsherman@satelnet.org

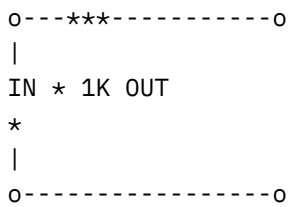
4682. Re: Recording 2006 audio with inex. vox recorder - How?

Newsgroup: rec.radio.scanner
Date: 1994-10-31 01:22:13 UTC
From: cc@sdf.saomai.org
Message-ID: <CyIJt4.wz@sdf.saomai.org>
Source record: 266332

In article <Ba607oI.gregmason@delphi.com> Gregory yea... you can call me Greg
<gregmason@delphi.com> writes:
>I've run into what is probably a simple problem. Perhaps someone who's solved
>it can share the fix with me:
>
>I thought that id program my scanner with Secret Service freqs, and monitor then
>radio while I'm at work using my small cassete recorder. It's a realisitc,
>with the vox feature (minisette 15). Id been able to do similar things with
>the casette and my pro43. Anyhow, I connected the radio, via the tape-out
>plug in the back, to my recorder. I used a short male rca to male 1/8 stereo
>adapted to monoral with the apropriate adaptor. The moment I plugged it in
>the tape began to run. When I turned the radio off, the tape quit rolling.
>Pro46 same problem. Then I plugged it into
>my pro43 when I lowered the volume the casette worked when there was audio
>outyput, and turned itsself off when there was none. I went back to my 2006,
>tried
>turning the volume way down... nothing. Tried using the aux speaker plug...
>nothing. Tried using the earphone plug in the front of the case... again,
>no help.
>
>Can anyone explain this phenomenon? Maybe offer a solution short of using
>my Pro43, or getting a new casette?

I had the same problem with my 2006. The problem is the audio out is
line level. You can use the earphone jack in the front and crank the volume
down real low.

What I did was make a attenuator cable. This drops the level 90%.
Get a 10K and 1K resistor..



--
ARPAnet: cc@sdf.saomai.org ..!uunet!saomai.org!cc

4683. priority pro34

Newsgroup: rec.radio.scanner
Date: 1994-10-31 02:23:12 UTC
From: larry@agora.rdrop.com
Message-ID: <CyIMMo.2s6@agora.rdrop.com>
Source record: 266329

About 2 years ago I did the 800 mhz mod on my Pro34
From that Point on the Priotity Mode is lock on channel One
It will not turn off and you can not Change The Priotity channel.
I stiil works but only on Channel one
everything else works Great.
What did I do Or not do?
Please E-mail me if you know how to fix it

Thank you for any and all help
--
Larry
larry@agora.rain.com

4684. Re: ENOUGH ALREADY!!!!!!

Newsgroup: rec.radio.scanner
Date: 1994-10-31 03:05:55 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <CyloLv.CEG@freenet.carleton.ca>
Source record: 266370

In a previous article, af546@yfn.ysu.edu (Tony Rossi) says:

>
>I am interested in the information provided. I am not a Canadian citizen
> and therefore feel that the majority of users to this area are of U.S.
> origion and care to hear of discussions pertaining to "such radio politics"
>
>If you really are that upset I suggest moving to rec.canada.scanner.snobs.

Oh, excuse me, I must have wandered into the rec.usa.god newsgroup.

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

4685. Need help with mobile Ant.

Newsgroup: rec.radio.scanner
Date: 1994-10-31 04:25:17 UTC
From: scanman@cml.com
Message-ID: <391rjd$9u@news.compulink.com>
Source record: 266321

I am looking for suggestions for the the best mobile antenna to monitor in the 460 Mhz frequency range. I am not interested in performance on any other bands, just 460 Mhz. I am presently using Radio Shack's mag-mount mobile antenna but it is a multi-band design and I am looking for something that has optimal performance in the 460 Mhz band. Any expert opinions out there? Thanks in advance!

Scanman(Sorry about the "commercial" below, my service provider tacks it on the end of all posts and I can't figure out how to get rid of it!)

: ComputerLink Online Inc. Realms of Despair! :
: (416)233-5410 telnet mud.compulink.com 4000 :
: 106 lines, 300-28,800 bps endless medieval enjoyment! :
: :
: Join our International Teleconference --> chat.compulink.com 9000 :

4686. Re: ENOUGH ALREADY!!!!!!

Newsgroup: rec.radio.scanner
Date: 1994-10-31 04:41:13 UTC
From: cremer@delphi.com
Message-ID: <9410302340591.DLITE.cremer@delphi.com>
Source record: 266333

>I am interested in the information provided. I am not a Canadian citizen
>and therefore feel that the majority of users to this area are of U.S.
>origion and care to hear of discussions pertaining to "such radio politics"
>
>If you really are that upset I suggest moving to rec.canada.scanner.snobs.

I agree. I am strongly in favor of the political discussions on this
newsgroup. They are far more pertient to our hobby then last months endless
Radio Shack bashing.

4687. Re: CORDLESS SCANNING OUTLAWED

Newsgroup: rec.radio.scanner
Date: 1994-10-31 04:51:30 UTC
From: henniger@crl.com
Message-ID: <391t4i$4ka@crl10.crl.com>
Source record: 266334

sbradley@sgb.oau.org (Steven Bradley) writes:

>David Michael Moore (davidm@iglou.com) wrote:
>: In article <38133p$7ib@newsbf01.news.aol.com>,
>: rotnapple@aol.com (RotnApple) wrote:

>Of course, what good it will do them (I mean the passing of a law, like we
>really care? Like we are actually going to obey it? <- NOT!). It's only

Compliance is not expected. The goal is to establish that it is immoral and unethical first. Public opinion is how you change things, so you must convince the public - you must set a legal expectation. You have to establish first that scanning is an unethical invasion of reasonable expectations of privacy.

The eventual goal, once the image of sort of a cross between a peeping tom and a hacker is established, then and only then can compliance be expected. Why should scanners be manufactured? Sure, some are used legitimately, but millions of people's privacy is being compromised by the unscrupulous majority of scanner owners. The needs of the many outweigh the needs of the few. Scanners when allowed to be sold are abused by peeping-tom-hackers. They should only be sold to those that can prove they will use them responsibly (e.g. law enforcement, etc.)

You really have to ask yourself if the government itself benefits from the availability of scanners. Once you honestly answer that question you should be able to figure out where they are headed. The government has acted and will continue to act to protect itself.

Deciding to ignore them is the worst thing you could do.

[...]
>calls? I OWN my airspace, and I shall monitor cordless, cellular, you name
^^^^^^^^^^^^^^^^^

No, that has already been legally decided. The *privilege* to listen to radio is limited to those wavelengths deems morally acceptable.

>Give me a break! There is NO WAY to enforce this law, and with the new vice

Absolutely true. That is not the point.

>Steven

Mick

4688. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-31 04:57:02 UTC
From: henniger@crl.com
Message-ID: <391teu$4nf@crl10.crl.com>
Source record: 266335

domonkos@access.digex.net (Andy Domonkos) writes:

>In article <hpeach.169.004E4140@ca.uky.edu>, Harold G. Peach Jr. wrote:
>>
>Digital encoding is the wave of the future and the future scanners will
>easily incorporate the decoders.
^^^^^^^^^^^^^^^^^^

This is only true if encryption is not used. The presumption is that
encryption will eventually be the default case.

Mick

>Andy

4689. Indoor Antenna

Newsgroup: rec.radio.scanner
Date: 1994-10-31 05:06:08 UTC
From: msmith@mtvernon1.basegrp.com
Message-ID: <391u00$65h@News1.mcs.com>
Source record: 266336

I leave in an apartment building an cannot use any type of
out door antenna for scanning.

Could someone please recommend a good indoor scanner antenna.

Thanks in advance.

Smitty

4690. New version of PRO-2026(2026A)

Newsgroup: rec.radio.scanner
Date: 1994-10-31 05:30:49 UTC
From: henniger@crl.com
Message-ID: <391ve9$5ce@crl10.crl.com>
Source record: 266338

Just got my hands on a Radio Shack PRO-2026A to see what it was as was pleasantly surprised. The guys at RS have done a good job with bugfixes.

Differences I noticed were:

- Still Modifiable
- Fold down sitting stand for table top use (you can still hear the speaker)
- 12 volt connector with cable (so now you don't have to deal with the problem on the old 2026 of how do you disconnect from your car- you could disconnect the fuses holders but the ground was still there and not disconnectable. Now just get a 12 V supply, and bnc antenna for your house, and its a snap to unscrew the 2 side screws, and disconnect the two cables (power and antenna) and zip inside.
- 14 day non-volativity on the memory (remember the 2026 old version had two power connectors, one for memory and one for general power) they fixed this so you can really move it from car to house or car to car.

There are probably a bunch of stuff they fixed but these changes jumped out at me.

BTW, the radio shack down the street has a Manager's special for $150 (regular $229.)

Mick
(no, i don' work for them.)

PS - Could it be that the manager's special is a clearance to get them out of the way for the new mobile scanner? ($199 on display today) I don't know but I would guess that the microcode on the new mobile scanner has been modified (- to be unmodifiable that is.)

4691. Re: Replacement Batteries for BC2500

Newsgroup: rec.radio.scanner
Date: 1994-10-31 06:01:21 UTC
From: arnim@lenti.med.umn.edu
Message-ID: <CyIwsF.FIr@news.cis.umn.edu>
Source record: 266341

JimA119256 (jima119256@aol.com) wrote:
: Does anyone know of a source of replacement batteries for the BC2500? I
: heard that someone in CA was selling them for 21.95. Anyone tried
: replacing just the batteries themselves?

4692. Re: Radio Shack sour grap

Newsgroup: rec.radio.scanner
Date: 1994-10-31 06:09:04 UTC
From: guru314708@aol.com
Message-ID: <3921m0$oe6@newsbf01.news.aol.com>
Source record: 266342

In article <8597NRPRHLTFUJHJWJ@sunyboard.org>, tbrutus@sunyboard.org
writes:

What the keck do sour grapes have to do with rec.radio.scanners anyway???
I think I know what their answer to you might be!

4693. Re: FREQUENCY INTELLIGENCE DIRECTORY

Newsgroup: rec.radio.scanner
Date: 1994-10-31 06:56:54 UTC
From: schumann@crl.com
Message-ID: <3924fm$9eo@crl8.crl.com>
Source record: 266343

ShermBob (bsherman@satelnet.org) wrote:
: In <38vhv4$9n9@pipe1.pipeline.com> dra@pipeline.com (David Alpert) writes:

: >Anyone know how to obtain a copy of the "Frequency Intelligency
: >Directory" by Francis James ('Jay') Harris?

: >He was recently busted by Plantation, FL police and Motorola.

: Add to the above the United States Secret Service. They busted him over a
: --
: bsherman@satelnet.org

Not being in FL, myself, what was the nature of the reputed offense?
Radio, cellular, scanner related?

TNX

Jas.Bone

4694. Re: Pro-43 direct frequency entry?

Newsgroup: rec.radio.scanner
Date: 1994-10-31 07:34:21 UTC
From: kwong@ee.ualberta.ca
Message-ID: <3926lt$euc@quartz.ucs.ualberta.ca>
Source record: 266344

David M. Comer (dcomer@dmcmicro.win.net) wrote:
> While in the manual mode press PGM, enter the frequency of interest,
> press ENTER, press DIRECT, then use the up or down keys to scan from
> there. Is that what you had in mind?

When you punch in a frequency and press ENTER in Program mode on the Pro-43, that frequency is stored to whichever one of the 200 channels is currently selected. If you do this without checking the current channel, the stored frequency will be replaced by the one you just entered.

I wanted a way to enter a "preliminary" frequency from which to start a quick search for active frequencies. There is no need to keep the initial frequency. Lacking such a direct method for frequency access, I reserve channel 1 as a scratch memory. I make channel 1 the current channel, then program it for the initial frequency, and start a Direct (indirect?) search from there.

This is not a big complaint of mine. Jumping to new frequencies for a quick scan is just a little inconvenient.

Since when did roofers do eavesdropping and signalling work?

4695. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-10-31 08:54:00 UTC
From: tbrutus@sunyboard.org
Message-ID: <020312XHYATXQVNJTNOH@sunyboard.org>
Source record: 266345

-=> Quoting Internet: Ad22510-31-94 20:42etroit.f to ** All ** <=-

IA>

IA> Why would anyone want to monitor fast food drive through
IA> frequencies? I can't imagine the conversations being that
IA> interesting.

IA> Gary
IA> --
IA> Gary Baumgarten
IA> ad225@detroit.freenet.org

You're obviously not into scanning too much. The conversations that come out of the kitchens of some fast food drive ups are better than any soap operas on tv today. You'd swear you're at a truck stop with some of the language that you hear. Give it a try. You may be surprised. Enjoy.

Tom
tbrutus@sunyboard.org
___ Blue Wave/QWK v2.12

4696. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-10-31 09:46:52 UTC
From: andersor@nevada.edu
Message-ID: <392eec$3f@news.nevada.edu>
Source record: 266346

Try listening to 461.0875. This comes from the Merto Denver Scanning guide. (A MUST HAVE if you are in Denver...) Also, try these for fun:
30.840 Hardees Order System
33.440 KFC
457.5875 Also KFC
35.020 McDonald's
457.5375 Wendy's
464.9625 Another Taco Bell freq.

Good Luck!! (And happy ordering...)
Richard

4697. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-10-31 11:06:26 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <392j3i$8s8@freenet3.scri.fsu.edu>
Source record: 266371
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

C/Amn Nicholas McLart (kc5iuz@n8naa.sat.tx.us) wrote:
: chuck62@freenet3.scri.fsu.edu (Charles Richards) writes:
: > conference because it is international. I diplomaticly reminded him of
: > what happened over there 50 years ago and asked for his experienced
: Well, at least you reminded him "diplomaticly". Good way to hold
: friendly relations. (BTW, what WERE you talking about?) =)
: --
: Nicholas McLarty, KC5IUZ PGP Fingerprint

As the Nazis were taking over Europe, they were banning receivers under
penalty of death. (This didn't prevent some resourceful (and brave) people
from firing up the home-brew hidden in the coffee-tin though).
I sincerely didn't want to rub salt into old wounds, but I guess I've
got to come right out and say it to clarify my point...We can't count on
a super-power to bail US out. I didn't come right out and mention this
bit of sad history to the fellow in Europe. I didn't have to, based on
his latest reply.
By the way, my server automatically posts this to rec.shortwave (and
alt.scanner, rec.scanner) all at the same time, by no choice of my own.
Some of us do discuss stuff unrelated to shortwave and it ends up on the
shortwave forum inadvertently, although it *may* be relevant in this
case.
(I noticed some of the shortwave folks wondering what was going on).

73's...chuck...KE4QPU...

4698. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-31 12:00:45 UTC
From: newcombe@aa.csc.peachnet.edu
Message-ID: <newcombe.945.00EE5329@aa.csc.peachnet.edu>
Source record: 266367
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <1994Oct27.164015.2854@msus1.msus.edu> hoffj@mhd1.moorhead.msus.edu (Jerad Hoff) writes:

>They don't listen to them manually, they actually have computers listen
>for 'key' words. Anything with 'kill' and 'president' gets some attention
>I guess. Soon, any converstaion with 'scanner' will bring armed men to
>your door I'm sure.

So that's whay the Secret Service busted down my door while I was on the phone watching "In The Line Of Fire."

--
Dan Newcombe newcombe@aa.csc.peachnet.edu
-=
"And the man in the mirror has sad eyes." -Marillion

4699. Re: ENOUGH ALREADY!!!!!!

Newsgroup: rec.radio.scanner
Date: 1994-10-31 12:26:01 UTC
From: randolph@est.enet.dec.com
Message-ID: <3939f0$a7b@mrnews.mro.dec.com>
Source record: 266369

In article , az342@FreeNet.Carleton.CA (Robert E. Edmunds) spews...
> I live in CANADA, and don't give a sh*t about what your
> government is doing to limit your scanning abilities.
>
> * The views expressed in this message * Rob Edmunds *

Too bad for you, because many of the scanning radios you buy up there are built down here. Do you really think they'll make a version just for you, with forbidden chunks of radio spectrum intact?

Sorry to bust your bubble, but what goes on here very much affects you there.

-Tom R. N1OOQ randolph@est.enet.dec.com

4700. ENOUGH ALREADY!!!!!!

Newsgroup: rec.radio.scanner
Date: 1994-10-31 12:35:00 UTC
From: jason@cpubbs.cuug.ab.ca
Message-ID: <4122_980c2214@cpubbs.cuug.ab.ca>
Source record: 266312

> Actually you do care but you rdo not realize it. The US market for
> equipment
> is the largest in the world, many devices sold in the US are th same
> models sold elsewhere. In some cases what is legal to be sold in the
> US
> determines what you will be offered for sale.

FYI, a friend of mine just purchased a *brand new* PRO-43 [as in new manufactured unit] from our local shack and it is NOT of the same type that you would be able to buy in this day and age. No A on the model, no A in the serial, diodes all over the place.

And I'm in Western Canada.

[Editorial comment: Not that I give a crap whether or not the scanner can be "cell-modified".. you people that listen to cellular must lead the most boring lives going.. and don't give me that junk about "I have a right to listen to it".. I bet you have a right to listen to the noise waves coming off the cables buried underneath your house too, but I don't see anyone clamoring to do so.. I purchased my scanner for three things: 1. Listening to my fire frequencies in the 413/418MHz range [yes, 'my'--I am a firefighter/medic]; 2. Listening to local police in 155-156 and 462-463 for entertainment and to ensure I stay out of trouble spots; 3. Listening to the other local ambulance service, on an 800MHz trunk, for entertainment. That's it. Oh, I might change my ways when we switch to an 800MHz trunk for fire sometime in 1996 or 1997, but hey, that still falls under topic 1, listening for fire. I don't have cell, or cordless, or McDriveThrus, or gas companies, or towtrucks, etc etc etc programmed in. The boredom quotient alone would kill me. This tirade brought to you by a guy tired of the whining about others not being able to listen to cell.]

> Finally for good or worse, often other countries follow suit in
> having
> new laws as we do in the us. If we start banning this and that, then
> your politicians may clamor for the same restrictions.

Don't plan on it. Right now you can listen to anything you want here in Canada, so long as you don't divulge or use it for your own gain. Though I wouldn't suggest parking beside an RCMP pursuit cruiser with your scanner up all the way and all the windows down unless you're on really good terms with the constables inside. :)

In short, get over yourself..

Followups to my email addresses, listed below.

jason low jason@cpubbs.cuug.ab.ca derran@sdf3.cpubbs.cuug.ab.ca
REMR - Pump-A - Parts 1 & 2 - Driver - V-X Tech - Trench Tech - General Peon

4701. Frequency of Royal Hong Kong Police Wanted!

Newsgroup: rec.radio.scanner
Date: 1994-10-31 13:05:28 UTC
From: 00103003@cpccux0.cphk.hk
Message-ID: <392q2o$152@cpccux0.cphk.hk>
Source record: 266363

I want to know the frequency used by the Royal Hong Kong Police.
Anybody can tell me?
Thanks!

William C.K. Wong
93103003@CityU.edu.HK
00103003@cpccux1.CPHK.HK

4702. Re: Philadelphia listeners!

Newsgroup: rec.radio.scanner
Date: 1994-10-31 13:21:55 UTC
From: leber@panther.warm.inmet.com
Message-ID: <CyJH4K.Gw5@inmet.camb.inmet.com>
Source record: 266351

In article <30OCT94.21014404@hal.hahnemann.edu>,
<santamariar@hal.hahnemann.edu> wrote:
>Attention scanners in Philly and surrounding areas.
>A few of us are trying to get a new group called phl.scanner.
>If you are interested please post in phl.misc.

Keep in mind that not everyone has access to the phl groups. I'd love to
post there for you, but they are not included in the feed from our corporate
HQ in Cambridge MA.

Cheers,
Tom

Tom Leber N3QKV <leber@warm.inmet.com> Intermetrics, Inc., Warminster PA USA
"Smother technology and it rebels." - Max Headroom
--
Tom Leber N3QKV <leber@warm.inmet.com> Intermetrics, Inc., Warminster PA USA
"Smother technology and it rebels." - Max Headroom

4703. Re: Pro-43 direct frequency entry?

Newsgroup: rec.radio.scanner
Date: 1994-10-31 14:04:21 UTC
From: jimz@infinet.com
Message-ID: <392th5$ddu@rigel.infinet.com>
Source record: 266352

Kevin Mark Wong (kwong@ee.ualberta.ca) wrote:
: David M. Comer (dcomer@dmcmicro.win.net) wrote:
: > While in the manual mode press PGM, enter the frequency of interest,
: > press ENTER, press DIRECT, then use the up or down keys to scan from
: > there. Is that what you had in mind?

: When you punch in a frequency and press ENTER in Program mode on the Pro-43,
: that frequency is stored to whichever one of the 200 channels is currently
: selected. If you do this without checking the current channel, the stored
: frequency will be replaced by the one you just entered.

Ok, so why can't you just add one more step to the top instructions?
It'll work if you simply press PGM then _Limit_. Enter the frequency,
hit enter, and direct scan away. You don't need to enter a top range for
the limit.

I just tried it- it works fine.

--
/+-\
jimz@infinet.com	What's better than roses on your piano?
Call me Wookie;	Finger me for the answer.
everyone else	
does.	Disc: Don't even bother listening to me.
\-+/

4704. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-10-31 14:51:05 UTC
From: glm@xmission.com
Message-ID: <glm.6.0013E3EF@xmission.com>
Source record: 266284

In article <393dpt$7sf@detroit.freenet.org> ad225@detroit.freenet.org (Gary Baumgarten) writes:
>From: ad225@detroit.freenet.org (Gary Baumgarten)
>Subject: Re: Taco Bell Frequency
>Date: 31 Oct 1994 18:42:05 GMT

>Why would anyone want to monitor fast food drive through
>frequencies? I can't imagine the conversations being that
>interesting.

>Gary
>--
>Gary Baumgarten
>ad225@detroit.freenet.org

I can't imagine it either, but MT this month lists Taco Bell freqs as 30.84, 154.57 and 465.8875

There is some other fast food freqs there, too. Why would anyone want to listen to a hamburger being ordered?

-Gary
glm@xmission.com

~!

4705. BC400XLT

Newsgroup: rec.radio.scanner
Date: 1994-10-31 14:58:43 UTC
From: ptiming@sunyboard.org
Message-ID: <1571ORNHEOIGQSJETL@sunyboard.org>
Source record: 266353

Does anyone know of ANY mods at all for these scanners..?

It's the low end Bearcat mobile scanner with a two digit display
and sixteen channels... I only ask because now that I'm not longer
with a fire department, there hasn't been much to do with it as it
doesn't have search...

Any info would be appreciated, thanks...

pt...

| AmiQWK 2.6 | UNREGISTERED EVALUATION COPY - SUPPORT THE SHAREWARE CONCEPT
... Oh dear. I think you'll find reality's gone on the blink again.-Marvin

4706. BC400XLT

Newsgroup: rec.radio.scanner
Date: 1994-10-31 14:58:49 UTC
From: ptiming@sunyboard.org
Message-ID: <1577XXEENKHBNSICBF@sunyboard.org>
Source record: 266354

Does anyone know of ANY mods at all for these scanners..?

It's the low end Bearcat mobile scanner with a two digit display
and sixteen channels... I only ask because now that I'm not longer
with a fire department, there hasn't been much to do with it as it
doesn't have search...

Any info would be appreciated, thanks...

pt...

| AmiQWK 2.6 | UNREGISTERED EVALUATION COPY - SUPPORT THE SHAREWARE CONCEPT
... Oh dear. I think you'll find reality's gone on the blink again.-Marvin

4707. Cordless scanner ban is law

Newsgroup: rec.radio.scanner
Date: 1994-10-31 15:00:42 UTC
From: tls@gate.net
Message-ID: <3930qq$2g6c@tequesta.gate.net>
Source record: 266356

The "other purpose" mentioned is to ban any reception of cordless telephone frequencies.

4708. REQUEST: Las Vegas casino frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-31 15:11:51 UTC
From: jchang@mit.edu
Message-ID: <3931fo$oj8@senator-bedfellow.MIT.EDU>
Source record: 266355

I remember seeing a list here a few months back, but unfortunately I didn't save it. Does anyone have it, or are articles here archived somewhere I can reach them?

- John

4709. Cordless scanner ban is law

Newsgroup: rec.radio.scanner
Date: 1994-10-31 15:17:34 UTC
From: tls@gate.net
Message-ID: <3931qe$2g1m@tequesta.gate.net>
Source record: 266357

Billary has signed it:

H.R. 4922/Public Law 103-414
To amend title 18, United States Code, to make clear a telecommunications carrier's duty to cooperate in the interception of communications for law enforcement purposes, and for other purposes
(Approved Oct 25, 1994; 108 Stat 4279; 20 pages)

The "other purpose" mentioned is to ban reception of cordless telephone frequencies.

4710. freqs. in 137-138 MHz

Newsgroup: rec.radio.scanner
Date: 1994-10-31 15:23:44 UTC
From: fai@cais2.cais.com
Message-ID: <393260$o8m@news.cais.com>
Source record: 266362

We are interested in users in the 137 to 138 MHz bands and their frequencies. Also i heard the METSATs were moving frequency wise to the lower ends of this band? is this true? Does anyone know what frequences they have in mind?

Thanks
mike

4711. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-10-31 15:24:40 UTC
From: domonkos@access.digex.net
Message-ID: <sAHjkiubGISV066yn@access.digex.net>
Source record: 266360

In article <1994Oct28.060039.7872@hpcvaac.cv.hp.com>, bill nelson wrote:
>
> As far as I know, encryption is not controlled by any government agency.
> There are those that wish they were - witness the attempts to foister the
> Clipper chip off on business.
>

There is a bill in Congress that would outlaw any non-NSA accepted encryption standard. Yes, there are efforts to block the bill, but rest asssured that there will be a heck of a fight on the governments plot. They want it as bad as the security agencies. So far it's a good sell regardless of what one hears on the net or network news.

Andy

4712. Re: Flying with scanners? (reg quoted)

Newsgroup: rec.radio.scanner
Date: 1994-10-31 15:29:59 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.171.00098042@chevron.com>
Source record: 266366

In article <38sea2$ed9@satisfied.elf.com> msattler@jungle.com (Michael Sattler, San Francisco) writes:

> cgwh@chevron.com (Curtis Wheeler) writes:
>> (5) Any other portable device that the operator of the aircraft has
>> determined will not cause interference with the navigation or communication
>> systems of the aircraft on which it is to be used.

>Certainly you may presume to read this paragraph as saying that the
>airline is technically determining whether any particular device causes
>interference. I would belive a lay-person (rshepard@interacces.com)
>could believe this, but I'm sad that the poster, a private pilot, seems
>to accept this interpretation.

Picking the section apart and trying to interpret one paragraph won't work here. You need to go back and read the ENTIRE section.

I don't interpret this as requiring the airline to make determinations on "technical" (electronic) grounds. But "technically" (legal), it's up to them.

>Given that the pilot of any plane I'm flying is patently inappropriate
>to determine whether any particular device will cause problems, save
>having us operate said devices one at a time, this interpretation is
>silly. The FCC is the governmental body that determines the
>interference generated and assigns a particular FCC class (residential,
>computational, experimental, etc.) to the device.

Despite your feelings of the PIC's "technical" knowledge, the FAA puts the decision in his/her hands under certain circumstances. The FAA gives the PIC a regulation to follow that requires a determination to be made. In the case of an airline operation, the airline company is to make the determination. If they have not made a determination that a device will NOT cause interference then it is prohibited (less exceptions in (b)(1-4)). In situations where the pilot makes the decision, his lack of knowledge may just be tough luck for you and your scanner. If he can't determine compliance for whatever reason - you're out of the scanner business on that trip.

There may be a misuderstanding regarding the power of the pilot-in-command. The PIC is the final authority when it comes to the safe operations of an aircraft. The authority to violate an FAR is only under extenuating/emergency conditions where compliance would be unsafe. In the case of portable electronic devices, airlines make determinations under sections like 91.21 that become company policy. The PIC must adhere to company policy just like FARs, whether it's prohibiting electronic devices, when to turn off the autopilot, when to turn on the "seat belt" sign, etc.

>Robert's vitriol notwithstanding, I belive that this paragraph means to
>be interepreted as giving the airline the discretion of banning certain
>FCC classes. Unless you know of some place in the terminal where the
>airline is putting probes on scanners, CD players, etc.

Any pilot will tell you that the only interpretation that counts is the FAA's, and that is not always predictable. You need to read the entire section of 91.21, not just paragraph (b)(5), and maybe you should be familiar with all of part 91 (and in the case of airline operations, part 121) before you make too many liberal intepretations.

There is nothing in the section refering to "FCC classes". But it doesn't say that the airline can't determine the a class B device is OK but a class C device is not. The section does say "...the particular device..." when discussing determinations.

Don't get me wrong, I am not against the use of scanners on board airplanes altogether. But I question their use on board commercial transports. I wouldn't stop someone from using one on board my airplane during a VFR flight. I posted the section because someone asked for it. And those of you that think you are smarter than the FAA, the airlines, and the pilots - you are in violation of the law. But that's just part of it - you might be creating a hazard to yourself, everyone on the plane, and maybe people on the ground. And if you keep doing it, the rules may get worse.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

4713. Re: Cordless scanner ban is law

Newsgroup: rec.radio.scanner
Date: 1994-10-31 15:38:32 UTC
From: fd@wwa.com
Message-ID: <39331o$ap4@sashimi.wwa.com>
Source record: 266361

Terry Steinford (tls@gate.net) wrote:
: The "other purpose" mentioned is to ban any reception of cordless
: telephone frequencies.

It bans listening to Cordless phone CALLS, as the ECPA banned listening
to Cellular phone CALLS. It has nothing to do with listening to
particular frequencies... just certain COMMUNICATIONS.

The Celllar SCANNER ban of course, relates to frequencies.

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback?
email for uuencoded .TIF of T-Shirt Honoring the FBI
Remember, fd _IS FOR_ Full Disclosure!

4714. Share Frequencies for LEHIGH VALLEY, PA ?

Newsgroup: rec.radio.scanner
Date: 1994-10-31 16:00:20 UTC
From: rag4@ns2.CC.Lehigh.EDU
Message-ID: <3934ak$41s9@ns2.CC.Lehigh.EDU>
Source record: 266368

Anyone wishing to share frequencies for the Allentown, Bethlehem, Easton areas
please E-mail me direct.

Bob Groegler
rag4@lehigh.edu
****

****

4715. Specs on a PRO 2025

Newsgroup: rec.radio.scanner
Date: 1994-10-31 16:27:47 UTC
From: cboes@mason1.gmu.edu
Message-ID: <3935u3$hle@portal.gmu.edu>
Source record: 266364

I have a Radio Shack PRO 2025 mobile scanner and I lost the owners mannual. My question is, what frequency ranges does it pick up?

-cboes@osf1.gmu.edu

4716. Re: Scanners in the UK

Newsgroup: rec.radio.scanner
Date: 1994-10-31 16:29:56 UTC
From: ian@isis.demon.co.uk
Message-ID: <783620996snz@isis.demon.co.uk>
Source record: 266306

In article <pmbCyGvKt.LMA@netcom.com> pmb@netcom.com "Philip M. Burton" writes:

> What about public transport? Specificially London Transport underground
> operations? British Rail (or whatever they call it these days) for
> example the Intercity 225s or Network SouthEast?

Nope. The rule is - if it isn't *intended* for public reception you
can't listen to it. If you don't shout about it, nobody will care,
though. Discretion is the name of the game.

Ian.
--

| Ian Smith | "The Moving Finger writes;
| ian@isis.demon.co.uk | and, having writ, Moves on."

4717. Freq Manager for Mac?

Newsgroup: rec.radio.scanner
Date: 1994-10-31 16:39:31 UTC
From: jsaul@np.atinc.com
Message-ID: <199410311640.KAA16920@mail.cs.utexas.edu>
Source record: 266365

Anyone know of any frequency manager programs for the Mac?

Thanks in Advance

Jim

##
Jim Saul Internet: jsaul@jots1.np.atinc.com
Analysis & Technology, Inc. jsaul@cc.atinc.com
One Corporate Place Phone: (401) 849-5952 x3305
Middletown, R.I. 02842 Fax: (401) 847-6660
##

4718. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-31 17:49:18 UTC
From: anarch@cse.ucsc.edu
Message-ID: <393amu$qsm@darkstar.UCSC.EDU>
Source record: 266372
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,comp.org.eff.talk,alt.radio.scanner,alt.privacy,alt.2600

>Better yet, use one of the many techniques to encode the data into the
>low order bits of some other file. There's a mac program available for
>FTP which will do this - damned if I remember the name or site. Stuff it

Stego is the program you are thinking of. It's in the cypherpunks
archive, which used to be at soda.berkeley.edu, but all the stuff at
soda has been moved, I think, and I'm not sure where to. Stego puts
information into the low-order data of image files. The one problem
with this kind of concealment is that it's not very efficient...you may
need very big images to store modest amounts of data. Could be handy
for stuff like keyrings and such, I imagine, but I don't think it would
be feasible, to, say, hide your alt.2600 archives in images. Getting at
the data is somewhat clumsy, as well.

4719. Re: question:INTERMEDIATE FREQUENCIES

Newsgroup: rec.radio.scanner
Date: 1994-10-31 18:07:28 UTC
From: septimus@acsu.buffalo.edu
Message-ID: <CyJuCH.Atq@acsu.buffalo.edu>
Source record: 266275

In article <38m5t0$gfs@usenet.INS.CWRU.Edu> Doug wrote:
>
>
>i understand the CONCEPT oi understand the CONCEPT of an inter mediate freq.
>but i don't understand why i should CARE.
>is it really necessary to know, or is it just one of those needless
>specs fo the fact sheet?
>
>would some of you techies out there e-mail me direct?
>thanx in advance!!
>doug

One useful property of the IF is that if you double it and add it to the
frequency on the readout (or subtract- same effect) you will be able to
receive an "image" of that freq. EG if my receiver has IF of 10.7 MHz, and
I want to get 890.3 MHZ but it won't show up on my dial for some _inexplicable_
reason, I can set 911.7 MHz and get an image of this transmission. (This is
21.4 MHz away from where I'm _really_ interested.)

Of course this phenomenon can cause problems as well, as in NYC where the
police bands (476.4 to 477.2 approximately) are 21.4 MHz away from various
paging services. If your antenna is too long or too high (as when you're
crossing the Gowanus Canal in your car and illegally using your scanner
without having paid the Commissioner of Police $25 for that privilege :)
you will hear all sorts of squeaks and rumbles which interfere with what you
really are interested in.
--
||J.Alan Septimus||You can't have everything...||V111G9BQ@ubvms.cc.buffalo.edu
|| KA2GYP ||...where would you put it? || septimus@acsu.buffalo.edu
||===============||==============Steven Wright=||NYC Locksmith License 824141

4720. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-10-31 18:42:05 UTC
From: ad225@detroit.freenet.org
Message-ID: <393dpt$7sf@detroit.freenet.org>
Source record: 266373

Why would anyone want to monitor fast food drive through frequencies? I can't imagine the conversations being that interesting.

Gary
--
Gary Baumgarten
ad225@detroit.freenet.org

4721. Re: Q: What is "trunking"?

Newsgroup: rec.radio.scanner
Date: 1994-10-31 18:50:46 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.173.000CD8FF@chevron.com>
Source record: 266282

In article <38rmbm$4ob@huron.eel.ufl.edu> browere@einstein.cs.ucdavis.edu (Eric B.) writes:
>Would anyone care to explain exactly what "trunked" means, and how this
>relates to scanning a given "trunked" frequency?
>Thanks in advance!
>Eric

Eric the term "trunk" more or less comes from the telephone industry. A trunk is a circuit between swicthing equipment. Your home phone is on a subscriber loop. When you call a phone on a different exchange the switching equipment uses an avialable trunk to route the call to the other exchange where it is connected to the called party's loop.

Trunked radio does sort of the same thing without dedicated paths to users (no loops) but instead, uses a control channel. When a trunked radio transmits it does so on a control channel. When the central controller sees who is transmitting it assigns a different channel and instructs all radios in the user's group to go to that channel. When the transmissions are finished the radios go back to the control channel and wait for the next round of traffic.

This is how the handshaking works on a Motorola type I system.

Basics.

1. Control Channel will transmit outbound signalling words (OSW) to the radio and receives inbound signalling words (ISW) from it.

2. Control channel contiuously transmits background OSWs in the absence of activity on the system. These OSWs are used for synchronization of the radio and contain no user information.

3. Radios that are turned on will search the four highest frequencies in the trunked channel group until they find the control channel.

Operation.

1. PTT key up. Radio will transmit a request for service (ISW) which is 78 bits long at 3600 BPS (total time = 21.67 ms). This ISW is sent on a precise time slot in relation to the controller OSW and contains:
a. Radio's ID.
b. Fleet and subfleet of which he is a member.
Only 21 bits are information, the rest being parity bits for error detection and correction (FEC).

2. The central controller puts the request for service in a queing condition, and dependent on it's priority, will assign a channel. The quickest a grant

for service can be is about 58 ms after reception of the ISW.

3. The controller send a channel grant 2 times in rapid succession. This 84 bit OSW is transmitted at 3600 BPS and contains:
a. Individual ID of the radio.
b. Fleet and subfleet which is sent to the new channel.
c. Type of call (group/individual)
d. Number of the voice channel to be used.

4. The radio decodes the OSW grant and moves to the assigned voice channel. For a group call, all other radios also move to the assigned channel.
a. At the same time the controller is sending the OSW grant on the assigned channel, it is also transmitting data on the assigned channel called the "high speed handshake".
b. This data is a 21 bit frame, transmitted at 3600 BPS. Data within the frame consists of sync data, ID information and two parity bits.
c. The radio looks for the HSHS on the voice channel to confirm that it has switch to the proper channel.

5. The radio will now key up on the assigned channel and transmit 80 ms of high speed acknowledge tone (1800 Hz).

6. The controller recognozes this tone, removes the HSHS from the outbound voice channel and replaces it with an identical subaudible version sent at 150 BPS and low deviation. Called the low speed hand shake (LSHS).

7. At this time, three optional "talk permit" tones are received by the user, the mic unmutes and voice transmission commences.. The radio will transmit continuous subaudible connect tone (105.88) to the controller that keeps the channel connected.

8. In addition, radios that are sent to the voice channel will also look for the HSHS. If they detect it, they will unmute after detecting the LSHS signal. The best case time from requesting PTT to receiving radios = 280 ms.

9. During all of the voice communcation, the controller duplicates grants on the control channel (OSWs) as time permits. If a receiving radio drops out for more than 1 second, it will return to the control channel and be redirected to the assigned channel.

Termination of Call.

1. When the PTT is released, the radio sends 200 ms of disconnect tone (163.64 Hz at low deviation).

2. At this point the system can be either message or transmission trunked.

a. Message trunking: The central controller detects the disconnect tone and begins a message timeout timer (2-6 seconds). If another radio keys up during this time, the controller resets the timer. If no other radio keys up, the timer will timeout and the controller will disconnect the radios from the channel by sending 125 ms of of low speed disconnect sequence (sync patterns at 300 BPS with low deviation) on the voice channel. The radios will return to the control channel and becomes available for channel reassignment.

b. Transmission trunking: In this mode, the central controller will issue the low speed disconnect sequence immediatly after detecting disconnect tone from the transmitting unit. The radio will remain muted and return to the control channel.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

4722. R7100 - Scan Star stop mod problem?

Newsgroup: rec.radio.scanner
Date: 1994-10-31 19:47:07 UTC
From: otoupal@astro.as.utexas.edu
Message-ID: <393hjs$61b@geraldo.cc.utexas.edu>
Source record: 266276

Has anyone done the Scan Stop mod to their Icom IC-R7100 as it is described in the Scan Star documentation? I did it but am having some trouble. Here's what I have:

Icom IC-R7100 - Icom CT-17 interface - Scan Star Professional scanning software. Microprocessor speed-up crystal added to the R7100.

I went into my R-7100 and replaced a 100uF cap with a 0.47 uF (actually a 0.33 as it was all I had). Next, I changed the wiring to turn the relay output connector into an open collector. I was then supposed to add a TTL - RS232 driver chip to send the signal to my computer but since I already have a CT-17 interface, I just stole one of the unused drivers in it and sent the signal down the RS232 Ring Indicator line.

Using the Scan Star Terminal section, I can see the Ring Indicator line changing in step with the squelch control so the wiring seems to be correct.

The trouble I have is when I try to use the scanning portion of the Scan Star software. If I set the radio parameters up for Scan Stop Modification Installed, the scan rate drops to a VERY slow rate. Something in the order of 2 channels/sec. Ouch! If I use the Inverted option of the software, the scan rate is as fast as usual but the software doesn't stop the scan when a signal is present.

Currently, I am back to using the CI-V stop signal and I have email out to the author of Scan Star. I am sending this out to see if there is any net.wisdom about the problem I am having.

By the way. I have had the Scan Star Professional software for about a week now. What a difference it makes! I can now dump a group of frequencies from DBASE into a file, read it into Scan Star, and change all 900 odd channels in just a couple minutes. Sure beats spending an evening banging on

the R7100 every time I get the urge to monitor something
else. The more I play with Scan Star, the more I
think it's a worth while addition to the R7100.

I BE: Douglas S. Otoupal N5HYD NRA
COMPUTER NET: otoupal@astro.as.utexas.edu ACLU
US MAIL NET: McDonald Observatory, Ft. Davis, TX 79734 SCCA
PHONE NET: (915) 426-3263 - (915) 426-3679 BD of A
Have you ever noticed how much Ted Koppel looks like Alfred E. Newman?

4723. P-100 Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-10-31 20:27:01 UTC
From: tseto@daniel.drew.edu
Message-ID: <1994Oct31.152701.112600@daniel>
Source record: 266280

Does anyone have the freqs for the P-100?

4724. Re: Cordless phone scanning banned

Newsgroup: rec.radio.scanner
Date: 1994-10-31 21:02:06 UTC
From: me@puc.edu
Message-ID: <393ltf$c2f@nntp.crl.com>
Source record: 266279

In article <37bq2t$qtb@news1.digex.net>, <domonkos@access.digex.net> writes:
> deleted
> In article <37bei8$521@detroit.freenet.org>, ad225@detroit.freenet.org (Gary Baumgarten) says:
> deleted

> Nothing to stop the 'anonymous' tipper...
>
> Andy

Guess we don't need to worry about Big Brother anymore if we are going to do his snooping for him.

4725. Re: FLYING WITH SCANNERS?

Newsgroup: rec.radio.scanner
Date: 1994-10-31 21:18:08 UTC
From: valleyj@freenet3.scri.fsu.edu
Message-ID: <393mug$7vn@freenet3.scri.fsu.edu>
Source record: 266286

glenn.johnson@chrysalis.org wrote:
: the operations of devices, not the airline. If it claims receivers
: as an accepted device, it is a misprint. All radios have an IF section
: (basically a miniture transmitter) and in a wideband scanner it has
: a very high probability of causing interference. They do allow tape
: players and computers, but NOT radios. I travel quite a bit, and have
: been asked to put away my radio (even though I was using the cassette

This almost isn't worth it, but here goes... Delta DOES allow VHF
scanners during level flight. Thank you for being so kind as to
interprete the FAR's for us, but, I 'd really like to read it for
myself. Could you please point out which FAR Delta is in violation of?

Jeff, KE4AUT
--
Jeffrey M. Valley
valleyj@freenet.fsu.edu
valleyj@world.std.com
valleyj@romulus.housing.fsu.edu

4726. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-31 21:27:14 UTC
From: jimn8@netcom.com
Message-ID: <jimn8CyK3LM.9xo@netcom.com>
Source record: 266281
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

entropy@zeus.IntNet.net (Jonathan Cooper) writes:
[in reply to article by Jarad Hoff, which says in part:]
>>They don't listen to them manually, they actually have computers listen
>>for 'key' words. Anything with 'kill' and 'president' gets some attention
>>I guess. Soon, any converstaion with 'scanner' will bring armed men to
>>your door I'm sure.

> Upon what information do you base this bullshit statement?

Allow me to answer for him.

Quoting the San Jose Mercury News:

"However, published accounts of U.S. communications surveillance activities-
which are conducted largely by the NSA- state that surveillance satellites
and ground stations in the United States and overseas are able to scan
millions of civilian and military conversations.

By using telephone number prefixes, *keywords* and other selection techniques,
calls of interest to intelligence agencies are picked out of the telephone
traffic and stored in computers." Jul 2, 1988, Page 1A, from article titled
"NSA ACCUSED OF FORBIDDEN PHONE TAPS".
[emphasis on "keywords" was mine, not the Merc's]

Quoting from "Signal Processing of Speech" (ISBN 0-07-047955-0, by F.J.
Owens):

"free-text systems are normally used in forensic and surveillance
applications, where the subject is non-cooperative and often unaware of
the task." (p. 164, in chapter "Automatic Speech Recognition").

As an example of defense funding of speech recognition research, the SPHINX
system was partially funded by the Defense Advanced Research Projects Agency
(DARPA). Ref: Mercury News, July 6, 1988, page 1F, title "ADVANCE REPORTED
IN COMPUTER VOICE RECOGNITION."

Perhaps the other writer was joking about the word "scanner" being used in
keyword searches, but there's a rational basis for believing that keyword
searching is already being deployed to scan conversations.

Are you taking issue with Jared's assumption that the Secret Service gets
a shot at adding their own keywords to the database, or just with the notion
that searches are performed? I hope I've documented the latter well enough
"for Usenet purposes."

- Jim

--

Jim Nitchals jimn8@netcom.com

"I have no mouth and I must scream!" - Hello Kitty

4727. Re: Local shack (Re: Radio Shack sour grapes?)

Newsgroup: rec.radio.scanner
Date: 1994-10-31 21:36:03 UTC
From: n9315@pnet16.navy.mil
Message-ID: <CyK404.3E1@nctams1.uucp>
Source record: 266303

Hmm.. Interesting story about he non-transmitting scanner. Definately wasn't at the one I work at part-time.

It's scarry to think that a tech would seriously do this, I hope he was being sarcastic while trying to get the store's attention.

Unless otherwise stated, expressed view are my own. They may not be the opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.

Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded)
ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil

4728. Re: Pro-43 direct frequency entry?

Newsgroup: rec.radio.scanner
Date: 1994-10-31 21:36:05 UTC
From: n9315@pnet16.navy.mil
Message-ID: <CyK406.3Es@nctams1.uucp>
Source record: 266302

I haven't played with the Pro-43 much, but I do own a Pro-39 which is very similar.

Anyway, with the 39 I enter the program mode, and press the limit button. The unit shows LO <freq>, where you can then enter the lower freq limit you want. Then I press the limit button again and the unit displays HI <freq>, I can now enter the upper limit I want. After that, I select up or down sweeping by the up and down arrow keys.

As I said, this is for the 39; I assume the 43 is similar.

Unless otherwise stated, expressed view are my own. They may not be the opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.

Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded)
ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil

4729. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-10-31 21:48:30 UTC
From: grady@netcom.com
Message-ID: <gradyCyK4Ku.KCw@netcom.com>
Source record: 266283
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

I suspect the NSA is quite more capable than simple keyword
searches over texts and speech; for years they have been
a customer of mine for some of my more exotic natural language
processing knowledge bases. The part-of-speech database,
the thesaurus database, combined with the Pronunciator database,
for example, can be used to match even *paraphrases* of utterances.

--
Grady Ward | For information and free samples on | "Look!"
grady@netcom.com | royalty-free Moby natural language | -- Madame Sosostris
+1 707 826 7715 | lexicons (largest in the world), | A91F2740531E6801
(voice/24hr FAX) | run: finger grady@netcom.com | 5B117D084B916B27

4730. Tenn. Emergency Mngmnt. Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-10-31 22:38:30 UTC
From: DYBKAJ@HARPO.TNSTATE.EDU
Message-ID: <01HIXLI451QQ9AN04A@HARPO.TNSTATE.EDU>
Source record: 266285

Hello--there's some sort of situation going on
here in W. davidson County--anyone know the
freqs for TEMA? (Tanker Spill I think...)
Thanks
Jill
dybkaj@harpo.tnstate.edu

4731. Halloween Funnies...

Newsgroup: rec.radio.scanner
Date: 1994-10-31 23:12:14 UTC
From: cfoote@k12.ucs.umass.edu
Message-ID: <1994Oct31.231214.16939@k12.ucs.umass.edu>
Source record: 266287

Has anyone heard anything interesting on the night of Halloween so far? I'd love to hear some funny/interesting stories from people who have scanners. I just got a call on my PRO-43 that there is a _runaway_ bus with no driver! Mighty interesting. And of course the usual eggs/bottles/BB guns...

-Chris
--

Chris Foote Wilbraham & Monson Academy- Class of '96
Email: cfoote@k12.ucs.umass.edu Major Pinball Freak- ST:TNG and WCS
Rockford Fosgate - Alpine - Kenwood - Stillwater Designs - Pioneer

4732. Re: FREQUENCY INTELLIGENCE DIRECTORY

Newsgroup: rec.radio.scanner
Date: 1994-10-31 23:33:29 UTC
From: crisp@netcom.com
Message-ID: <crispCyK9Fu.5xq@netcom.com>
Source record: 266289

In article <3924fm$9eo@crl8.crl.com> schumann@crl.com (James C. Schumann) writes:
>ShermBob (bsherman@satelnet.org) wrote:
>: In <38vhv4$9n9@pipe1.pipeline.com> dra@pipeline.com (David Alpert) writes:
>
>: >Anyone know how to obtain a copy of the "Frequency Intelligency
>: >Directory" by Francis James ('Jay') Harris?
>
>: >He was recently busted by Plantation, FL police and Motorola.
>
>: Add to the above the United States Secret Service. They busted him over a
>: --
>: bsherman@satelnet.org
>
>Not being in FL, myself, what was the nature of the reputed offense?
>Radio, cellular, scanner related?
>
>TNX
>
>Jas.Bone

The story reported on the net at the time is that he was dumpster diving
at Motorola's Plantation Fl. facility when he was arrested on apparently
trespassing charges. In his possession at the time was a Moto HT
which was programmed for trunking access.

The person "reporting" the story on internet later stated that
it was not him that posted the story, rather someone forged his
account or they gained access to his account to make the post.

It is all a bit strange sounding.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4733. SUBSCRIBE

Newsgroup: rec.radio.scanner
Date: 1994-11-01 00:02:33 UTC
From: gandalf@midearth.system-ent.com
Message-ID: <226@midearth.system-ent.com>
Source record: 266305

```
Middle Earth BBS Southfield, Mi (810) 583-3272
VBBS V6.14 VirtualNET @1313005 InterNet @midearth.system-ent.com
```

4734. Pro-51

Newsgroup: rec.radio.scanner
Date: 1994-11-01 00:11:20 UTC
From: alexp@pacifier.com
Message-ID: <alexp.783648594@pacifier>
Source record: 266290

Anyone got the info I need to make the mods to my Pro-51 (Pre-Recall) to
get into the 800's?

--Alex

(Please E-Mail responces.)
--
---
pacifier.com - Vancouver's Public access Internet (206) 693-0325
telnet or dial the above and type "new" at the prompt to register

4735. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-01 00:40:53 UTC
From: atticus@olympia.mcis.washington.edu
Message-ID: <3942ql$nc9@news.u.washington.edu>
Source record: 266288
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,comp.org.eff.talk,alt.radio.scanner,alt.privacy,alt.2600

All the stuff that was at soda.berkeley.edu is now at ftp.csua.berkeley.edu.

Cheers

4736. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-01 00:52:36 UTC
From: valleyj@freenet3.scri.fsu.edu
Message-ID: <3943gk$iot@freenet3.scri.fsu.edu>
Source record: 266293

Gary Baumgarten (ad225@detroit.freenet.org) wrote:
: Why would anyone want to monitor fast food drive through
: frequencies? I can't imagine the conversations being that
: interesting.
: Gary
: ad225@detroit.freenet.org

NO! NOT AGAIN, Please.
--
Jeffrey M. Valley
valleyj@freenet.fsu.edu
valleyj@world.std.com
valleyj@romulus.housing.fsu.edu

4737. Re: Flying with scanners? New to it, nee

Newsgroup: rec.radio.scanner
Date: 1994-11-01 01:13:37 UTC
From: jimbedient@delphi.com
Message-ID: <9410312012591.DLITE.jimbedient@delphi.com>
Source record: 266291

>250Watts at 40,000 feet? Only if the pilots are working for DX contacts.
>
>Jeff, KE4AUT, PPSEL
>-

You got that right! Most ATC transmitters were cut down to 10 W from 50
over the last few years...

Jim B.
WH6EF
Air Traffic Control System Command Center, Herndon, VA

4738. Re: time via radio

Newsgroup: rec.radio.scanner
Date: 1994-11-01 01:13:49 UTC
From: jimbedient@delphi.com
Message-ID: <9410312012592.DLITE.jimbedient@delphi.com>
Source record: 266292

```
>Don't know if this is *exactly* the right group for this, but...
>
>Recently I saw an ad in the British "short wave" magazine for
>a clock controlled by radio signals labelled "DCF77" and "MSF".
>Can anyone tell me where the transmitters are located and at
>what frequency they transmit? (Yes, I know they're European
>and I wouldn't get them here in the U.S.)

DCF77 = Mainflingen, Germany. 150kw on 77.5khz
MSF= Rugby, England. 27kw on 60khz.

From WRTH '93

-------------------------------------------------------------------------
|Jim Bedient Dale City, VA E-mail: Jimbedient@delphi.com |
-------------------------------------------------------------------------
```

4739. looking for pro 43

Newsgroup: rec.radio.scanner
Date: 1994-11-01 01:47:22 UTC
From: viper1@ix.netcom.com
Message-ID: <3946na$ha4@ixnews1.ix.netcom.com>
Source record: 266294

Does anyone know where i can order a radio shack pro 43 handheld scanner
that can still me modified? thanks

4740. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-01 01:56:03 UTC
From: shiva@pentagon.io.com
Message-ID: <39477j$mr8@pentagon.io.com>
Source record: 266295
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <3913eh$rq7@xcalibur.IntNet.net>,
Jonathan Cooper <entropy@zeus.IntNet.net> wrote:
>>They don't listen to them manually, they actually have computers listen
>>for 'key' words. Anything with 'kill' and 'president' gets some attention
>>I guess. Soon, any converstaion with 'scanner' will bring armed men to
>>your door I'm sure.
> Upon what information do you base this bullshit statement?
>
You mean you've never heard of Harvester technology? It's been available for
over twenty years now.

--

| Earl Cooley III * shiva@io.com * WWW:"http://io.com/user/shiva/" |
| Online Liaison, the 55th World Science Fiction Convention at LoneStarCon 2 |

4741. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-01 02:00:22 UTC
From: fn343@cleveland.Freenet.Edu
Message-ID: <3947fm$c0l@usenet.INS.CWRU.Edu>
Source record: 266296

What do you mean, NO NOT AGAIN! I'm I missing
something here.

I mean, what's so interesting about listening to someone say
"give me a burrito supreme and a Pepsi"?

Gary

4742. Re: What is a CTCSS atatchment?

Newsgroup: rec.radio.scanner
Date: 1994-11-01 02:03:44 UTC
From: fr570@cleveland.Freenet.Edu
Message-ID: <3947m1$c5s@usenet.INS.CWRU.Edu>
Source record: 266297

CTCSS or PL (or Private-Line---PL is a trademark of Motorola) is a continuous tone which is sub-audible. It transmits this sub-audible signal every time you key up on the radio. Listening radios with the detector only hear the message intended for them. For example, a near-by ambulance company uses 461.175 for their dispatch. This same frequency is used by a tow-truck company. Obviously the ambulance doesn't want to hear everything the tow company is doing, so they each have their own PL tone. A disadvantage is that sometimes garbage bleeds over. This often happens when both, unknowingly key up at the same time. PL's are usually used on a system with a repeater or when another agency or company uses the same frequency.

I've seen some Uniden scanners that have an option of CTCSS or PL decoding. By having this, you can narrow what you listen to. If two different companies do operate on the same frequency, you have a choice on which one to use. I'm not sure how many possabilities there are, but there are enough. There is also another form called DCSS or DSS (I can't remember right now. It has the same principle purpose, it offers more codes I believe. These systems can keep some of the spurious static out too. Another disadvantage is that it takes a split second longer for the person hearing to have their radio "open" up; it may cut off the first word if someone doesn't pause slightly after keying up.

Hopefully that answered your question.
--
/--\
| Ron Webb rwebb@puc.edu (707) 965-7318 |
\--/

4743. Re: Halloween Funnies...

Newsgroup: rec.radio.scanner
Date: 1994-11-01 02:04:23 UTC
From: fn343@cleveland.Freenet.Edu
Message-ID: <3947n8$c6h@usenet.INS.CWRU.Edu>
Source record: 266298

In a previous message, Chris talked about funny things over the scanner pre-Halloween. Here in Detorit, the extensive radio traffic was ANYTHING BUT FUNNY as terrorists went to work burning down the town again.

I had the displeasure of watching the firefighters carry two unresponsive little girls out of a 5-sty occupied apartment building that was torched.

Yea, the scanner traffic WAS interesting on THAT one:

"Engine 44 to Central. I'm 2 miles away and I can see it. Send me some help!"

But the night lost its thrill when they carried the babies out.

Oh, how I wish for the good old days when headless drivers and driverless buses, tossed eggs and house tee-peeing were the norm on the scanner at this time of year in Detroit.

Gary Baumgarten
Michigan Public Safety Network
CBS Radio reporter

4744. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-01 02:13:51 UTC
From: fr570@cleveland.Freenet.Edu
Message-ID: <39488v$d0m@usenet.INS.CWRU.Edu>
Source record: 266299

Are you really that bored? I know the Burger King next to my local Taco Hell
uses 154.515, which happens to be the same as one of my voice pagers.
--
/--\
| Ron Webb rwebb@puc.edu (707) 965-7318 |
\--/

4745. AOR AR8000 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-01 03:16:02 UTC
From: lgs@midland.co.nz
Message-ID: <394btj$3oc@news.midland.co.nz>
Source record: 266304

I just received my AOR AR8000 from EEB after waiting approximately two months from the date the order was placed with them.

It's well worth the wait - seems to do everything better than ANY other scanner I have and these include an AOR AR3000 and a Yupiteru MVT7100. There are many more scan and programming options and it seems to be more sensitive than the Yupi on the supplied rubber duck antenna (I use an external amplified antenna on the AR3000 so cannot directly compare it although AM VHF reception at around 100MHz seems almost as good on the AR8000/rubber duck as the AR3000/amplified antenna). The audio quality is also better than both other receivers.

Anybody else out there care to compare notes or advise on where to obtain the computer interface and software?

4746. Re: Indoor Antenna

Newsgroup: rec.radio.scanner
Date: 1994-11-01 03:50:59 UTC
From: hiattd@MCS.COM
Message-ID: <394dv3$c9l@Mercury.mcs.com>
Source record: 266301

Smitty (msmith@mtvernon1.basegrp.com) wrote:
: I leave in an apartment building an cannot use any type of
: out door antenna for scanning.

: Could someone please recommend a good indoor scanner antenna.

: Thanks in advance.

: Smitty

I am in the same situation. I am mainly interested in the 400 & 800 MHz
range, though coverage from 30Mhz to 900Mhz would be even better. :)

don
--

Don Hiatt: <hiattd@mcs.com>
Key fingerprint = FC 15 1C 3A 6D 94 A0 68 9B 96 3B CC 1B 1E 26 57
So you want my PGP huh? You gotta finger me first! :)

GE/CS d? H s g+ p3+ au+ a- w++ v--- C+++ UL++++ P+>++ L++>+++
3- E---(E) N++ K- W M- V-- -po+ Y+ t+ 5+ j- R- G? tv+
b+ D+ B--- e++>+++ u**(---) h--- f? r++ n---- y*

4747. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-11-01 05:46:25 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <CyKqpE.9H4@news.Hawaii.Edu>
Source record: 266311
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.policy

pschleck@gonix.com (Paul W Schleck KD3FU) writes:

>How hypocritcal of you, Jeff. This is the same Jeff Herman who drones
>on endlessly about homosexual bathroom cruising and sex acts at his
>University on rec.radio.amateur.policy (almost to the point of making
>even the straightest readers wonder if Jeff had toilet-training
>problems as a child) while ignoring all reasonable pleas to exercise
>some constraint and appropriateness of venue regarding subjects that
>are clearly not radio-related.

Hey Paul - haven't seen anything from you in a long time!

First of all, my `drones' are only in *response* to the LARC
posts and the pro-gay articles that follow it; only in
response - remember that. They're the ones who periodically
use the rec.radio.amateur.misc forum to somehow connect ham
radio and the gay lifestyle. I'm not going to be force-fed
that garbage and brainwashed into thinking that what they
do is normal. But just to remind you, I only *respond* to
their posts. Eventually, the pro-LARC people finally cease
and so do I; it's a shortlived debate and dies as quickly
as it came up.

On the other hand, Rich, on .shortwave, has started a subgroup
within a newsgroup regarding political and non-shortwave-related
articles, that continue endlessly. If a non-shortwave-related
political debate lasted only a week who would care? But his
non-shortwave posts keep coming and coming and ...

I wasn't the first to say something, but feel free to flame me;
it'll help lower your blood pressure! Stress is a killer, you know.

Getting back to the gay/ham radio issue and one of my articles,
you, like a good portion of society, don't like to hear what these
folks do so you blame the messenger when their filthy little acts
are revealed, such as their activities in the campus restrooms (I'll
you a copy of our campus newspaper's articles and campus memos
about how the restrooms have turned into brothels just so
you don't think I make this stuff up). I'm just the messenger, Paul,
responding to the pro-gay articles; ask *them* to stop and I certainly
will cease, also (you've got to be fair now!)

> You've
>helped turn the radio-related Usenet newsgroups into what they are today,
>Jeff (both the bad and the good), take some responsibility for your

>actions.

Gee, thanks (I think...), but I'm not sure how I am responsible for
non-radio related articles flooding .shortwave.

73 Paul (and watch that blood pressure!),
Jeff NH6IL

4748. 900 MHz cordless telephone evaluations

Newsgroup: rec.radio.scanner
Date: 1994-11-01 06:54:51 UTC
From: dsrekcc@prism.gatech.edu
Message-ID: <394onr$1el@acmey.gatech.edu>
Source record: 266307

This is a final, updated version of an info file I posted a few weeks ago.

Changes made: AT&T not Spread Spectrum, since OEM'd from VTech
Added data on Sony
Mention of Uniden features
Approximate prices added to table
Cobra model added to table

About a month ago I put out a call on the net for your comments and
experiences with 900 MHz cordless phones. The following is what I
finally distilled out of those responses. Note that these are
actual experiences, not rumor or manafacturer's claims (nor mine).
If your phone does not exhibit the performance problem indicated here,
or if you find a better price, well, great.

Below is a table of some basic performance comments, followed by more
lengthy comments on each model. I received over 2000 lines of comments,
and have edited _that_ down to 1300+ lines (~60K). Since posting those
comments would be an ENORMOUS waste of bandwidth, I will e-mail a copy
of that file to whoever really wants it.

Talk Handset
MODEL $ SS Sound Quality Range (ft) Duration Size
--- --- --- --- --- --- ---
AT&T 9100/9120 250 No* hissy, tinny "Good" Wide
BEL 900 260 No crystal clear "1 block"
Cobra CP 900? 250 Yes? good 1000 "Block"
Escort 9000/9020 300 Yes good, crappy 2.0 hrs
Panas. 9000/9220 330 No excellent "few 100" 0.5 hrs Flip
Sony SPP-ER1 250 No clear 200+ 4.0 hrs? Big
Tropez 900 DL/DX 200 No* noisy, artifacts 300-1000 1.5 hrs Difficult
Uniden 9100/9200 270 Yes good but echo 500 Good

$: General prices found at electronics retailers locally.
Mail-order vendors include Hello Direct (800-HI-HELLO), Shoppers
Advantage (800-835-7407), and TeleDynamics (800-847-5629).
SS : Spread spectrum encoded - This means that you're not broadcasting
your voice across the neighborhood, for all scanners to hear.
While a few people might be able to decipher it now, and some
scanners may do it in the future, you are at least secure from
95% of the "snoopers" out there. Me included.
If it's not SS, then you _can_ pick it up with a simple scanner.

COMMENTS:

AT&T
- 9120 is a speakerphone
- AT&T phone is OEM'd from VTech, the company that makes the Tropez.
The ergonomics are better, but the performance is about the same.

Escort
- The "good, crappy" comment in the table means I got conflicting
responses.

Panasonic
- Flip-phone style
- Dual batteries; extra battery does NOT power base in power outage.

Tropez
Note: while many people disliked the Tropez, some vehemently,
I should say that I received a few responses defending it.
- 900 DX is a speakerphone
- Range is apparently very good, at 1000 feet or more.
- The Tropez models are NOT spread spectrum. They use a single channel
16 kHz PCM signal about 100 kHz wide. While this means that Joe
Scanner can't pick up an easy FM signal, it also means that it is not
quite the level of security offered by spread spectrum. The digitized
audio is apparently coded to a random, shifting key (64K combinations),
so interception is still unlikely. On a plain scanner, your voice is
indeed unrecognizable (digital).
This applies to the AT&T models also, since they are OEM'd from Vtech.
- It has been reported that clear audio (FM) leaks at around 430 MHz.

Uniden
- 9200 is two-line phone, with speakerphone. I could not find it on sale
locally (major city), so mail-order may be the only way to get it.
- Both 9100 and 9200 have ability to charge extra battery (extra $).
Extra battery WILL power base in power outage.
- Almost everyone liked their Uniden, except for the echo.
The echo (and some said clipping and distortion) appears only in
your earpiece; the other person can't hear it, although you may
find it very irritating. Many were not particularly bothered by it.
- Many commented on complete set of features (external monitor speaker on
handset, extra battery powers base, lighted buttons)

Miscellaneous

- General Electric, Radio Shack and NorthWestern Bell models are possibly
OEM'd, but I have conflicting information on that. They are apparently
not spread spectrum, but just broadcast your audio in the clear (FM).

- Motorola makes a 49 MHz cordless phone that reverses the audio into
something unrecognizable on a scanner. There's one of these in my
neighborhood; a plain scanner won't work on it, but it is pretty simple
to build a circuit to un-reverse the audio (see rec.radio.scanner).
There are a variety of models from $180 and up.

- From the FAF - Frequently Asked Frequencies file on oak.oakland.edu -

Panasonic KX-T9000 base 902.100-903.870 { 60 channels
handset 926.100-927.870 { 30 kHz spacing

VTech Tropez 900DX base 905.600-907.500 { 20 channels
(digital) handset 925.500-927.400 {100 kHz spacing

AT&T #9120 902.0-905.0 / 925.0-928.0 }
OTRON CORP. #CP-1000 902.1-903.9 / 926.1-927.9 } unconfirmed
SAMSUNG #SP-R912 903.0 / 927.0 }

--

Chris Campbell dsrekcc@prism.gatech.edu Cookin' with OS/2

4749. Bearcat 8500 for sale

Newsgroup: rec.radio.scanner
Date: 1994-11-01 07:24:10 UTC
From: fire615@aol.com
Message-ID: <394qeq$iqa@newsbf01.news.aol.com>
Source record: 266308

New unused in box. Have one and recieved one as a gift. I will take any offer over $300.00

4750. Re: Halloween Funnies...

Newsgroup: rec.radio.scanner
Date: 1994-11-01 07:57:51 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <394sdv$qq5@tiger1.ocs.lsu.edu>
Source record: 266310

Well, a spooky thing happened to me...my damned scanner blew out on me.
And I just got it too...it's a Trident 2400.I hate shipping things
back to a company TWO WEEKS after I get it.
Dave

Chris Foote (Wilbraham & Monson Acad. 96) (cfoote@k12.ucs.umass.edu) wrote:

: Has anyone heard anything interesting on the night of Halloween so far? I'd
: love to hear some funny/interesting stories from people who have scanners. I
: just got a call on my PRO-43 that there is a _runaway_ bus with no driver!
: Mighty interesting. And of course the usual eggs/bottles/BB guns...

: -Chris
: --
: ----
: Chris Foote Wilbraham & Monson Academy- Class of '96
: Email: cfoote@k12.ucs.umass.edu Major Pinball Freak- ST:TNG and WCS
: Rockford Fosgate - Alpine - Kenwood - Stillwater Designs - Pioneer

4751. FCC License Data Sources

Newsgroup: rec.radio.scanner
Date: 1994-11-01 08:00:32 UTC
From: bill@thd.tv.tek.com
Message-ID: <394sj0$1he@news.tv.tek.com>
Source record: 266309
Cross-posted to: rec.radio.scanner,rec.radio.info

[last changed 06-Oct-94]

Changes preceeded by "|". Please e-mail corrections and additions to me.

INTRODUCTION

This is a list of FCC license data sources available to scanner listeners. The FCC master contains a wealth of data about every non-government license in the United States. Most of the sources below contain a subset of this data, although a few contain all of it. Government licenses are not administered by the FCC, and the data is not available to the public.

If you are interested in purchasing the data, you might want to consider forming a co-op of people in your area to share the cost. As far as I know, this is legal since the information is in the public domain. However, most software supplied to view or manipulate the data is copyrighted and must be purchased separately by each user.

Prices are rounded to the nearest dollar and include shipping, if known.

C.E.T.

CET sells records of all stations inside a 30-mile radius for $80. (Major cities cost extra.) A 70-mile search costs $178. The data is provided on floppy disks and is available in ASCII columnar and comma-delimited formats.

CET does not provide data for licenses that do not contain specific geographic coordinates (i.e., mobile-only systems) or specific operating frequencies (e.g., amateur radio).

To do the search, CET requires the latitude and longitude of the center of the 30-mile radius. I calculated mine from a USGS topographic map I obtained at a local nautical supply store. Alternatively, you can obtain the coordinates for your town from the University of Michigan's geographic name server. Run "telnet 141.212.99.9 3000" and enter your zip code. For my area, the server returned the coordinates of the main post office.

CET can be reached at 800-445-0297.

GROVE

| Grove sells FCC data on CD-ROM and floppy. The CD-ROM covers the entire US
| and is available with or without mapping support. The mapping version
| brings up a map with the requested station plotted on it. The regular
| version is $100, and the mapping version is $170 (shipping extra).

Floppies are available by state. The first state is $40, and each additional state is $30 (add $10 for CA, FL, TX). The disk comes with a database search program. Grove Enterprises can be reached at 800-438-8155.

MICROFICHE

The Bearcat Radio Club sells the FCC master by state for $15. Bearcat Radio Club can be reached at P.O. Box 291918, Kettering OH, 45429.

PERCON

PerCon sells a variety of FCC data on CD-ROM and floppy. CD-ROMs are available by region or category, and floppies are available by state. Also available is a CD-ROM of the entire US (2.5 million records). Data is updated approximately every six months.

State floppies are $60 per state (add $5 for CA, FL, NY, TX, PA, OH, IL). Regional and full US CD-ROMs are $105 each. CD ROMs by category are $155 each. Quantity discounts available. PerCon can be reached at 716-386-6015.

POLICE CALL

This is probably the most cost-effective source of public service license information. The detail is limited, but the information that is there is often more useful than the FCC master. For example, an entry in Police Call that reads, "Portland Police, Net 3, North Precinct," reads, "Portland, City of" in the master.

Police call is available in 9 volumes covering different regions of the US. It can be purchased at Radio Shack stores for $10 per volume.

| RADIOMAP SERVICE

| Developed by long-time Usenet contributor Bob Parnass, this service prints
| an 8.5" X 11" color map of an area with transmitter sites shown. Included
| are key sheets that list frequencies, callsigns, and licensee names.
| Ranges of 1/2 to 10 miles are available. The service is currently
| available for the following states: IL, IN, MI, MS, NY, OH, PA, WI.
| Additional states are being added. Contact Bob for more information. To
| print the map, Bob requires the latitude and longitude (or nearest street
| intersection) of the center location. Maps are $20 each. Write to Bob
| Parnass at 2350 Douglas Rd, Oswego, IL, 60543, or call him at 708-554-3839
| between 6-10 PM central time. Bob asks that you do not send him e-mail
| regarding this service [probably because his e-mail account is supplied by
| his daytime employer].

SCANWARE ASSOCIATES

ScanWare Associates sells a PC-based database program called the FCC Frequency Retrieval System V2.x. It comes with FCC data for one state, covering all services at all frequencies. Data is updated approximately every six months (last update was Sep 94).

Cost is $35 for the first state and $20 for each additional state. Updates cost $30 per state. (Add $5 for CA, FL, TX, NY.) Quantity discounts available. Fully working shareware copy downloadable from their BBS at 206-871-4228 (FCC200.ZIP). ScanWare Associates can be reached at 206-698-1383 (voice) or 206-698-8207 (fax).

| US SCANNER PUBLICATIONS

| Similar in style to Police Call, this series of directories covers ALL
| radio services between 30 MHz and 2 GHz. Each volume covers one state and
| costs between $14 and $29, depending on the state. The volume for
| California is 820 pages. Contact US Scanner publications at 800-890-6999
| (voice) or 503-233-5176 (fax).

APPENDIX

Here is table of data fields in the FCC master. Fields provided by various products are indicated by "#" or the field length, if known.

PERCON PERCON PERCON POLICE SCAN
DESCRIPTION SIZE CET GROVE FLOPPY US CD OTHER CD CALL WARE
Frequency (or Lower Limit) 16 11 12 16 16 16 # 11
Upper Frequency Limit 16 16 16 11
Callsign 10 8 10 10 10 10 # 10
Service Code 2 2 2 2 2 2 # 2
Licensee DBA Name 40 32 30 40 40 40 # 40
Licensee State 2 2 2 2
Licensee Zip 9 5 9 9
Licensee Address 35 30 35
Licensee City 20 15 20 20
Licensee Name 200 100
Applicant Phone 10 10
Transmitter Latitude 6 6 6 6 6 6 6
Transmitter Longitude 7 7 7 7 7 7 7
Transmitter Elevation 5 5 5 5 5
Transmitter Height 5 5 5 5 5 5
Transmitter HAAT 5 5 5 5
Transmitter Effective Height 5 5 5
TX Antenna Structure Height 5 5 5
Transmitter Address 80 80 80
Transmitter City 20 10 12 20 20 20 # 20
Transmitter County 30 10 20 30 30 30 30
Transmitter State 2 2 2 2 2 2 # 2
Class of Station 4 4 4 4 4 # 4
Type of Message Service 1 1
Area of Operation 1 1
Radius of Operation 4 4 4
Antenna Type 10 10 10
Antenna Elevation Angle 6 6
Antenna Azimuth 6 6
Antenna Polarization 3 3 3
Antenna Gain 4 4
Antenna Path Length 6 6

Antenna Beam Width 8 8
ERP Out 8 4 8 8 8
ERP Units 2 1 2
ERP Indicator 1 1
Power Out 8 4 8 8 8
Power Out Units 2 1 2
Power Out Indicator 1 1
Emissions 15 15 15 15
License Issue Date 6 6
License Expiration Date 6 4 6
Operation Begin Time 4 4
Operation End Time 4 4
Number of Vehicle Mobiles 4 4 4 4 # 4
Number of Portable Mobiles 4 4 4 4 # 4
Number of Aircraft Mobiles 4 4 4 4 # 4
Number of Marine Mobiles 4 4 4 4 # 4
Number of Pager Mobiles 5 4 5 5 5
Authorization Type 1 1*
CP Authorization Number 2 2*
Area of Operation Descript. 100 100*
Paint & Lighting Specs 33 33*
Special Conditions 100 100*
TX Latitude Direction 1 1*
TX Longitude Direction 1 1*
Type of Last Contact 1 1*
Date of Last Contact 6 6*
Number of Units 4 4*

* = Regional CD Only, CP = Construction Permit,
ERP = Effective Radiated Power, HAAT = Height Above Average Terrain

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

4752. Tenn. Emergency Mngmnt. Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-11-01 08:37:02 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <244_9411010856@rccons.lm.com>
Source record: 266322

Hello DYBKAJ@HARPO.TNSTATE.EDU!

31 Oct 94 17:38, DYBKAJ@HARPO.TNSTATE.EDU wrote to All:

DTE> Hello--there's some sort of situation going on
DTE> here in W. davidson County--anyone know the
DTE> freqs for TEMA? (Tanker Spill I think...)
DTE> Thanks
DTE> Jill
DTE> dybkaj@harpo.tnstate.edu

45.36 Ch. 1
45.44 Ch. 2

158.835

Rick Christian, AAJP/BSEE
AOSC PA Editor
Internet: rccons!aosc_pa@telerama.lm.com

4753. Re: Would like to know how cordless unit work

Newsgroup: rec.radio.scanner
Date: 1994-11-01 10:26:42 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <395552$kaf@freenet3.scri.fsu.edu>
Source record: 266313

heglowstein on BIX (heglowstein@BIX.com) wrote:
: TRKD19A@prodigy.com (ARTHUR BRUSSACK) writes:
: >Does anyone out there know what mechanism is used to link a particular
: >cordless phone to its base unit and prevent other similar units from
: >establishing a link with the base unit?
: Typically, when you place the handset in the charger cradle,
: the base and handset talk back and forth through the charger
: connection and agree on some arbitrary random code. Later when
: you remove the handset, the base refuses to talk to anything
: that doesn't know the code.
I've got a Maxon 10 ch. cordless speaker-phone. The digital read-out on
the base unit shows that it's scanning, until it receives it's code from
the hand-set. Then it locks on a channel. Does anybody know how this
"scanner" can be modified to lock onto ANY active frequency, regardless
of the code received? (i.e. clip a diode...test mode...etc.)
thanks,
chuck...

4754. Re: Halloween Funnies...

Newsgroup: rec.radio.scanner
Date: 1994-11-01 11:07:04 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <3957go$mjq@freenet3.scri.fsu.edu>
Source record: 266314

Chris Foote (Wilbraham & Monson Acad. 96) (cfoote@k12.ucs.umass.edu) wrote:
: Has anyone heard anything interesting on the night of Halloween so far? I'd
: love to hear some funny/interesting stories from people who have scanners. I
: just got a call on my PRO-43 that there is a _runaway_ bus with no driver!
: Mighty interesting. And of course the usual eggs/bottles/BB guns...
: -Chris
I just heard that the Great Pumpkin was hauled in for assault. Something
to do with an under-age squash.
What's this world coming to?
chuck...

4755. Re: Decoding ACARS with a modem?

Newsgroup: rec.radio.scanner
Date: 1994-11-01 12:13:53 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <783692033snz@javiaton.demon.co.uk>
Source record: 266320

In article <390sfv$o7e@bigblue.oit.unc.edu>
Peter.Russo@launchpad.unc.edu "Peter Rphaaphael Russo" writes:

> This may be a stupid question, but...

Not really :-)

> Is there any way to decode ACARS signals from an airplane with an ordinary
> 2400 bps modem?

We now have a software package that will decode ACARS "stuff".
Needs 386 minumum and just plugs from your 3.5 audio socket on
your receiver into the com port on the PC.

Software does the rest.

--
Cheers,
/--\
Jonathan Clough,	AOR - Alinco - Camnis - Commtel - Bearcat -
Javiation,	Fairmate - Icom - Sony - Lowe - Realistic -
Bradford, UK	Signal - Tandy - Uniden - Yupiteru & Others
\---
Compu$$erve: 100117,535
Internet : Clough@javiaton.demon.co.uk
\--/

4756. Key West frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-01 12:29:37 UTC
From: ddavis13@itc109.ccd.ford.com
Message-ID: <395cbh$8a@eccdb1.pms.ford.com>
Source record: 266316

I know that there is a Naval Air Station and Coast Guard there. What are some good frequencies to listen in on (great enterainment while on the beach....)

Thanks.

4757. Re: Public Apology

Newsgroup: rec.radio.scanner
Date: 1994-11-01 12:59:37 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.165.000CFECD@cornell.edu>
Source record: 266235
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

>Carl Steckler (cjs9@cornell.edu) wrote:

>: Carl (ex-jarhead) Semper Fi
>: "To those who fought for it, freedom has a flavor
>: the protected will never know"
>: unknown Marine; Khe Sahn, Viet Nam

>"Please GI no shoot me!"
>unknown child; one of the 200 massacred by US soldiers at My Lai

>--
>Grady Ward | For information and free samples on | "Look!"
Well Grady, that's the Army for you. Peace through superior firepower. We
all know the Marines only burn villages not people.
carl
Carl (ex-jarhead) Semper Fi
"To those who fought for it, freedom has a flavor
the protected will never know"
unknown Marine; Khe Sahn, Viet Nam

4758. Re: ENOUGH ALREADY!!!!!!

Newsgroup: rec.radio.scanner
Date: 1994-11-01 13:03:20 UTC
From: gdallal@world.std.com
Message-ID: <CyLAxK.Jy6@world.std.com>
Source record: 266317

Jason Low (jason@cpubbs.cuug.ab.ca) wrote:

: FYI, a friend of mine just purchased a *brand new* PRO-43 [as in new
: manufactured unit] from our local shack and it is NOT of the same type that you
: would be able to buy in this day and age. No A on the model, no A in the
: serial, diodes all over the place.

Just out of curiosity, what was the date of manufacture? You'll find it
inside the battery case <number>A<number>. The first number is the month
of the year, the second number is the year less 1990, e.g. 4 = 1994.

4759. Re: Wilmington, Mass., Tach 5 freq.

Newsgroup: rec.radio.scanner
Date: 1994-11-01 13:04:21 UTC
From: tstader@si.tiac.net
Message-ID: <tstader-0111940804210001@si.tiac.net>
Source record: 266318

In article <1994Oct27.144316.4761@ll.mit.edu>, chris@ll.mit.edu (Chris DeSesa) wrote:

> My husband and I live in Wilmington, MA, and for as long as we can remember,
> Wilmington Police has been using this "tach 5" frequency. We cannot locate
> (deleted)
> Chris

Chris... have you tried the high-band vhf freqs listed? Check out 155.13 which shows in Scanner Master as the Auxillary Police... also give a listen to 154.965 which is the twons Public Works frequency.

I also heard a rumor that there are several communities in the NEMLEC systems using 485.3875 (or 487.3875) for drug related stuff... this is the 5 MHz up freq from the Tac 4 used as a car-to-car channel.

Give it a try and let me know if it works!

Sent at 8:03 Tuesday, November 1, 1994
73 for now.... c u on the shortwaves
Terry Stader - KA8SCP
America Online Ham Radio Club Host
Internet: tstader@aol.com (e-mail) or
tstader@si.tiac.net (binaries/files >28K)

4760. Re: Halloween Funnies...

Newsgroup: rec.radio.scanner
Date: 1994-11-01 13:11:06 UTC
From: tstader@si.tiac.net
Message-ID: <tstader-0111940811060001@si.tiac.net>
Source record: 266319

In article <3947n8$c6h@usenet.INS.CWRU.Edu>, fn343@cleveland.Freenet.Edu (Gary Baumgarten) wrote:

> In a previous message, Chris talked about funny things over
> the scanner pre-Halloween. Here in Detorit, the extensive radio
> traffic was ANYTHING BUT FUNNY as terrorists went to work
> burning down the town again.
> ....
> Oh, how I wish for the good old days when headless drivers
> and driverless buses, tossed eggs and house tee-peeing
> were the norm on the scanner at this time of year in
> Detroit.
>
> Gary Baumgarten
> Michigan Public Safety Network
> CBS Radio reporter

Having moved to Boston from the Detroit area 12 years ago... I wonder what is happening in Detroit when I read all about this kind of stuff. I was in Toledo when the riots occured in there in the 60's and it was a hideous thought about this kind of stuff happening so close!

I was reading about it... where they had 40,000 volunteers on the streets 2 years ago... but only 6,000 this year. What a shame that the city was proved wrong by the year off!

I think the mild weather was a major influence... with it being so warm both Devil's Night as well as last night for Halloween... that it brought out the worst of the crowds!

Good luck Detroit in solving this problem.

Sent at 8:10 Tuesday, November 1, 1994
73 for now.... c u on the shortwaves
Terry Stader - KA8SCP
America Online Ham Radio Club Host
Internet: tstader@aol.com (e-mail) or
tstader@si.tiac.net (binaries/files >28K)
KA8SCP@WA1PHY.#EMA.MA.USA.NOAM

4761. advice on handhelds

Newsgroup: rec.radio.scanner
Date: 1994-11-01 13:11:08 UTC
From: steim@hacktic.nl
Message-ID: <steim-0111941511080001@slip37-250.xs4all.nl>
Source record: 266323

Can someone help an outsider/novice (to both scanners and the net)?
I'm a composer who uses a lot of live radio broadcast in live performance --
mostly AM/FM/SW, but I did one project a few years ago with a borrowed scanner
where I puled in a lot of public service, ham, and ship-to-shore phone material.
I'm now looking for a portable scanner, as small as possible (handheld?) that
will do as many bands (including cellular) as possible.
In Amsterdam airport duty free I've looked at:
Sony AIR7 (c.US$400)
Sony ICF PRO80 (c. US$500)
an ICOM tiny handheld @ c. US500 that the salesman proposed as superior to the
Sony at the same price -- "full range with no missing frequencies" (I assume
this means cellular?)
Any suggestions/advice?
I see frequent mention in this group of Realistic Pro43 -- is it portable?
Why the kudos?
Sorry to be longwinded. Thanks for the help.
Nicolas Collins

4762. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-01 13:51:14 UTC
From: chris@ll.mit.edu
Message-ID: <1994Nov1.135114.1239@ll.mit.edu>
Source record: 266324

Nothing is too funny about listening to other peoples food orders. But it is kind of funny to see the look on the drive-up cashiers face when you tell them "I'll have what the guy in front of me had". It's just savage amusement!

Chris

4763. Re: New version of PRO-2026(2026A)

Newsgroup: rec.radio.scanner
Date: 1994-11-01 14:44:27 UTC
From: billsohl@earth.planet.net
Message-ID: <395k8b$p14@jupiter.planet.net>
Source record: 266225

Mickey R Henniger (henniger@crl.com) wrote:
: Just got my hands on a Radio Shack PRO-2026A to see what it was as was
: pleasantly surprised. The guys at RS have done a good job with bugfixes.

: Differences I noticed were:

: - Still Modifiable

Do you mean the cellular capability is still retorable?

If yes, how?

--
Bill Sohl K2UNK (billsohl@planet.net)
Budd Lake, New Jersey

4764. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-01 15:06:28 UTC
From: domonkos@access.digex.net
Message-ID: <eubjkiubGQ9E066yn@access.digex.net>
Source record: 266227
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <39477j$mr8@pentagon.io.com>, Earl Cooley wrote:
> In article <3913eh$rq7@xcalibur.IntNet.net>,
> Jonathan Cooper <entropy@zeus.IntNet.net> wrote:
> >>They don't listen to them manually, they actually have computers listen
> >>for 'key' words. Anything with 'kill' and 'president' gets some attention
> >>I guess. Soon, any converstaion with 'scanner' will bring armed men to
> >>your door I'm sure.
> > Upon what information do you base this bullshit statement?
> >
> You mean you've never heard of Harvester technology? It's been available for
> over twenty years now.
>
> --

Looks like plenty of 'technically sheltered' folks out there...try being
a comms consultant for the government; gives new meaning to 'paranoia'...

4765. Re: Nickel Metal Hydride AA Cells?

Newsgroup: rec.radio.scanner
Date: 1994-11-01 15:06:47 UTC
From: domonkos@access.digex.net
Message-ID: <FybjkiubG-NG066yn@access.digex.net>
Source record: 266229

In article <brett_miller.522.00138F0B@ccm.hf.intel.com>, Brett Miller - N7OL wrote:
> In article <1994Oct26.131802.4755@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>
> >These are the 1.5V lithium AA cells I occasionally see on the racks?
>
> >Are these available in anything besides AA? I have a use for them in "C"
> >size. Also, what does the voltage over discharge time curve look like? Is
> >it relatively flat like NiCad?
>
> They are only available in AA size (AAA size may exist someday), but they will
> never be bigger than AA size because the chemical contect of larger batteries
> would require that they be shipped as hazardous materials.
>
>
> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
> Intel Corp.
> American Fork, UT DoD#1461

Also, be sure NEVER to allow them to be recharged. While researching the safety stats on lithium batteries for one of my system designs I found there have been horrific results from accidental charging; blown out windows in a lab in England from an accidentally charging lithium batt-pack in a cam-corder, not to mention a cell-telephone manufacturer testing rechargeable lithium technology (phone blew up in user's face). Lithium is great for average use but I won't subject them to extreme current draws where the battery will heat up. I won't even put them in my baby monitor.

Andy

4766. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-01 15:07:06 UTC
From: domonkos@access.digex.net
Message-ID: <L2cjkiubGQ$P066yn@access.digex.net>
Source record: 266230

In article <3947fm$c0l@usenet.INS.CWRU.Edu>, Gary Baumgarten wrote:
>
> What do you mean, NO NOT AGAIN! I'm I missing
> something here.
>
> I mean, what's so interesting about listening to someone say
> "give me a burrito supreme and a Pepsi"?
>
> Gary

Listeining to fast food freq's was an overdone flame/thread a few months
ago.

Andy

4767. Cops scrambling transmission..help!

Newsgroup: rec.radio.scanner
Date: 1994-11-01 15:20:19 UTC
From: bmallard@kean.ucs.mun.ca
Message-ID: <1994Nov1.115019.1@leif>
Source record: 266241

The local police department has recently installed some kind of scrambling device so the public (like me) cannot hear what they are saying. They do not use it all the time. My scanner is from Radio Shack. Is there any way to "listen" to the scrambled talk? Please e-mail directly as I do not read this newsgroup very often. Thanks a whole bunch :)

BMallard@kean.ucs.mun.ca

4768. Pro-41

Newsgroup: rec.radio.scanner
Date: 1994-11-01 15:36:42 UTC
From: heidim@tekgen.NoSubdomain.NoDomain
Message-ID: <395naa$msg@tekgen.bv.tek.com>
Source record: 266226

Asking for mods for a PRO-41 again, anybody?

Heidi

4769. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-11-01 16:04:55 UTC
From: crisp@netcom.com
Message-ID: <crispCyLJC7.LE@netcom.com>
Source record: 266231
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.policy

Hey Jeff, what does this rot have to do with shortwave?
>
>Gee, thanks (I think...), but I'm not sure how I am responsible for
>non-radio related articles flooding .shortwave.
>
>73 Paul (and watch that blood pressure!),
>Jeff NH6IL

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4770. Re: Military Scanner Freqs for Seattle area

Newsgroup: rec.radio.scanner
Date: 1994-11-01 16:23:57 UTC
From: glitwin@craysea.cray.com
Message-ID: <9411011624.AA23047@craysea.cray.com>
Source record: 266228

Hello Folks!
I recently posted a note requesting Military frequencies that could be received in the Seattle Washington area.

The response was overwhelming! Over 20 different people posted or sent email directly with frequencies, book suggestions, or general encouragement!

My sincere appreciation to all of you for taking the time to help me out.

One book that was NOT mentioned, that I have discovered was The "Top Secret" Registry of U.S. Government Radio Frequencies 25 to 470 Mhz by Tom Kneitel, K2AES.

This book has an AMAZING number of military frequencies for military installations and military frequencies at civil airports.

Additionally, there are TONS of listings for other government agencies as well.

The 7th edition has a several pages of Canadian frequencies listed.

I can't vouch for the accuracy of the frequencies, as much of the list is outside my home reception range, but the listing seems VERY comprehensive!

I will be posting my list of Washington military freqs as soon as I get it all condensed and prettied up.

Thanks again, and keep listening!

Gary Litwin
glitwin@craysea.cray.com

4771. Re: SmartZone trunking?

Newsgroup: rec.radio.scanner
Date: 1994-11-01 16:35:22 UTC
From: <>
Message-ID: <395qoa$d01@wizard.uark.edu>
Source record: 266130

rshepard@interaccess.com (Robert E. Shepard) writes:

>Smartzone Trunking, is sort of like multiple trunking systems linked together
>to cover a large area. The big difference is that a channel assignment does
>not necessarily mean that any two mobile are on the same freqency/channel.

Nice explanation ... A keeper ...

>And yes there are quite a few in the US Public Safety Arena. The State of
>Michigan is in the process of converting over to a Statewide Smartzone/Astro
>Digital Backbone. However, this system will be under construction over the
>next several years.

The Arkansas State Police have a statewide SmartZone (I thought they were
called SmarTone ...). Very nice system.

>Good Luck Following These Conversations :)

Au contraire. The system here (I don't know if this applies elsewhere -
BatWing trunking systems are known for their "reconfigurability") is set
so that the data channel never rotates and the groups are assigned to
frequencies in a logical manner. Very easy to listen to (for a trunked
system). And with more and more SOs switching from 37 MHz to the ASP
system, it's getting *easier* to listen to law enforcement.

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

4772. Re: ENOUGH ALREADY!!!!!!

Newsgroup: rec.radio.scanner
Date: 1994-11-01 16:54:41 UTC
From: crisp@netcom.com
Message-ID: <crispCyLLn5.G7w@netcom.com>
Source record: 266233

In article <CyIoLv.CEG@freenet.carleton.ca> az342@FreeNet.Carleton.CA (Robert E. Edmunds) writes:
>
>In a previous article, af546@yfn.ysu.edu (Tony Rossi) says:
>
>>
>>I am interested in the information provided. I am not a Canadian citizen
>> and therefore feel that the majority of users to this area are of U.S.
>> origion and care to hear of discussions pertaining to "such radio politics"
>>
>>If you really are that upset I suggest moving to rec.canada.scanner.snobs.
>
>
>
> Oh, excuse me, I must have wandered into the rec.usa.god newsgroup.
>
>--
We'll excuse you this time, but don;t let it happen again! :-))

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4773. Newspaper quoting traffic heard on a scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-01 17:08:06 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <395slm$sct@mozo.cc.purdue.edu>
Source record: 266234

In an article about the Americal Eagle crash here in Indiana yesterday, our local paper had a quote from an Indiana State Police officer who was talking on the radio. He was describing something or other about the crash site. The article was explicit in saying this was ISP radio traffic.

Isn't this illegal, even for newspapers? I was under the impression that the 1934 Communications Act prevented the use or publication of *any* radio traffic (except amateur and broadcast). Can someone quote me the sections out of this Act that covers this?

BTW, this is the same paper that complained about police officers that used scanners to gather info about drug dealers that used cordless phones.

--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

4774. almost found a perfect scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-01 17:32:37 UTC
From: da5id@expert.cc.purdue.edu
Message-ID: <da5id.783711065@expert.cc.purdue.edu>
Source record: 266236

I was one pen away from writing a check for a pro-2006 (supposedly the best?)
but then looked at the frequencies it didn't carry. Is there a smaller scanner
that would complete the spectrum if I added the famous diode that allows cell
scanning? Or is there an even better scanner (complete range) out there?

--
The toasters have been hypnotizing me again!
da5id@expert.cc.purdue.edu
Feel Free to educate me!
Ah...my long lost bowling ball...home again...jiggidy jig.

4775. mods to bearcat 200 - higher scan speed?

Newsgroup: rec.radio.scanner
Date: 1994-11-01 17:37:02 UTC
From: pbobby@sunyboard.org
Message-ID: <31934SVTWSDDGKGBSVS@sunyboard.org>
Source record: 266232

Instead of 25 scans per second, is there a mod for the bc200xlt that
will enable faster scans?

pbobby@sunyboard.org

4776. tr-2400 Price?

Newsgroup: rec.radio.scanner
Date: 1994-11-01 17:38:45 UTC
From: jomurphy@badlands.NoDak.edu
Message-ID: <CyLnoL.Jr9@ns1.nodak.edu>
Source record: 266237

I read with interest the articles about the Tr-2400. Where can I get more info on this peice of equipment. I am specifically interested in price, availability, etc. I like the idea of a small compact unit that I can take to work that I can receive sw as well as other freqs (vhf, etc).

You can either email me at the following adress:

murphy@warp6.cs.misu.nodak.edu

or you can post here, as I read this group on a regular (maybe not so regular) basis.

Thnaks in advance for any help.

John Murphy
Minot,ND

4777. Re: Frequency of Royal Hong Kong Police Wanted!

Newsgroup: rec.radio.scanner
Date: 1994-11-01 18:15:16 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.523.001241AF@ccm.hf.intel.com>
Source record: 266175

In article <392q2o$152@cpccux0.cphk.hk> 00103003@cpccux0.cphk.hk (William C.K. Wong) writes:

>I want to know the frequency used by the Royal Hong Kong Police.
>Anybody can tell me?
>Thanks!

Well, I don't know for sure since I do not understand Cantonese, but I was scanning there for several months and heard what sounded like police traffic in the 400MHz band. I can't remember the exact frequencies. Maybe between 450 and 490 Mhz. Good luck.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

4778. 50-Channel Scanner Wanted

Newsgroup: rec.radio.scanner
Date: 1994-11-01 18:19:13 UTC
From: "Brian M. Kanai" <BMK112@psuvm.psu.edu>
Message-ID: <94305.131913BMK112@psuvm.psu.edu>
Source record: 266244

I would appreciate it if anybody on this board could send me any information about a scanner (used) that is for sale on this net. I need a reliable 50-channel scanner, preferably handheld, that I can use to monitor the Emergency Medical Service frequencies up to the 400 MHz band. I am a volunteer EMT in the area, and I need to use the scanner to receive calls, since pagers seem to be pretty hard to come by around here. If you have any information on one that is for sale, please email me at BMK112@psuvm.psu.edu. Thank you very much.

Brian Kanai, Penn State University

4779. Re: almost found a perfect scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-01 19:14:13 UTC
From: crisp@netcom.com
Message-ID: <crispCyLs3q.Jps@netcom.com>
Source record: 266238

In article <da5id.783711065@expert.cc.purdue.edu> da5id@expert.cc.purdue.edu (Ryan Weaver) writes:
>I was one pen away from writing a check for a pro-2006 (supposedly the best?)
>but then looked at the frequencies it didn't carry. Is there a smaller scanner
>that would complete the spectrum if I added the famous diode that allows cell
>scanning? Or is there an even better scanner (complete range) out there?
>
>--
have a look at the Yupiteru MVT7100 and the AOR8000. Both boast wider freq
coverage, more memories and bot are protable. The AOR even has an RS232
interface for computer control.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4780. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-01 19:31:21 UTC
From: kwong@ee.ualberta.ca
Message-ID: <396529$t1v@quartz.ucs.ualberta.ca>
Source record: 266239

Aaron Giles (giles.26@postbox.acs.ohio-state.edu) wrote:
> You might try the 450-470 Mhz band. The Taco Bell in my city uses a
> repeater in the 464/469 range. It is very low power, and the output on 464
> is continuous.

Why would Taco Bell have a repeater?

4781. >>> ATTN: Scanner listeners in Central Mass <<<

Newsgroup: rec.radio.scanner
Date: 1994-11-01 19:57:04 UTC
From: rbellville@aol.com
Message-ID: <3966ig$7n2@newsbf01.news.aol.com>
Source record: 266240

I'd like to get together with other scanner hobbiests in Central Mass (Worcester area) to form a radio notification group. This group would announce any "action" they hear on the radio over a GMRS or a ham frequency to other members of the group.

These groups are active in some of the larger cities but I am looking to form something less formal. I have a good hilltop to put my GMRS repeater or a simplex ham repeater on. These could be dedicated to the group's activities.

Anyone interested?

Contact: Rob Bellville, N1NTE email - rbellville@aol.com

4782. OPTO SOFTWARE : Where to get it?

Newsgroup: rec.radio.scanner
Date: 1994-11-01 20:02:37 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <3966st$p4e@paperboy.gsfc.nasa.gov>
Source record: 266251

Well , I just purchase the opto 456 for my 2006, now
where can I get some software to run this puppy?
I know I get the ?scan star? software, but I'm always
interested in getting the best tools. If you know of
any ftp sites or would be willing to send me a disk
copy (I would pay shipping/disk costs) of any software
for the opto 456 I would be thankful

reider@atria.gsfc.nasa.gov

Thanks..

4783. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-01 21:20:01 UTC
From: mupmw7@uxa.ecn.bgu.edu
Message-ID: <396be1$6b2@news.ecn.bgu.edu>
Source record: 266242

Kevin Mark Wong (kwong@ee.ualberta.ca) wrote:
: Aaron Giles (giles.26@postbox.acs.ohio-state.edu) wrote:
: > You might try the 450-470 Mhz band. The Taco Bell in my city uses a
: > repeater in the 464/469 range. It is very low power, and the output on 464
: > is continuous.

: Why would Taco Bell have a repeater?

----->> I was wondering the same thing......
|--|
Peter M. Woolsey, Jr. Western Illinois University
(E-mail: mupmw7@uxa.ecn.bgu.edu)
"I don't want the world, I just want your half."
-They Might Be Giants
|--|

4784. Re: tr-2400 Price?

Newsgroup: rec.radio.scanner
Date: 1994-11-01 21:20:36 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <396bf4$goe@tiger1.ocs.lsu.edu>
Source record: 266260

Call Ace Communications FAX FACTS line at 1-317-849-8683
you can hit 1 after it answers to get a list of their equipment and the
corresponding fax number. Then call back, hit 2 andthen the number of
the fax you want (up to five different faxes) and hit manual receive
on your FAX/MODEM.
Dave

John D Murphy (jomurphy@badlands.NoDak.edu) wrote:

: I read with interest the articles about the Tr-2400. Where can I get
: more info on this peice of equipment. I am specifically interested in
: price, availability, etc. I like the idea of a small compact unit that I
: can take to work that I can receive sw as well as other freqs (vhf, etc).

: You can either email me at the following adress:

: murphy@warp6.cs.misu.nodak.edu

: or you can post here, as I read this group on a regular (maybe not so
: regular) basis.

: Thnaks in advance for any help.

: John Murphy
: Minot,ND

4785. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-01 21:21:48 UTC
From: mupmw7@uxa.ecn.bgu.edu
Message-ID: <396bhc$6b2@news.ecn.bgu.edu>
Source record: 266254

Kevin Mark Wong (kwong@ee.ualberta.ca) wrote:
: Aaron Giles (giles.26@postbox.acs.ohio-state.edu) wrote:
: > You might try the 450-470 Mhz band. The Taco Bell in my city uses a
: > repeater in the 464/469 range.It is very low power, and the output on 464
: > is continuous.

: Why would Taco Bell have a repeater?

-->> I was wondering the same thing..... Are they trying to talk
-->> to OTHER Taco Bells in the area?????
|---|
Peter M. Woolsey, Jr. Western Illinois University
(E-mail: mupmw7@uxa.ecn.bgu.edu)
"I don't want the world, I just want your half."
-They Might Be Giants
|---|

4786. Re: Order, Order

Newsgroup: rec.radio.scanner
Date: 1994-11-01 21:37:09 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <396ce5$hnr@tiger1.ocs.lsu.edu>
Source record: 266261

Personally, I don't want to have to search 10 newsgroups instead of just
one. I can tell (98% of the time) what a thread is about by looking
at the title. Most threads get corrupted somewhere along the line and
the discussion turns out nothing like the subject title.But that will
happen no matter how you structure the newsgroup. I say leave it as
it is.I don't want it to be reorganized. But that's just one opinion.
Dave

Paul Cordingley (paul.cordingley@canrem.com) wrote:
: Is there a usenet guru out there who can explain exactly how to
: start a reorganization of scanner-related newsgroups? Do we circulate
: a petition? Is there a body that approves new discussion groups? To whom do
: we address our views? Is there a voting process?

: A number of writers in this newsgroup (myself included) have already
: commented that the breadth of material, while all valid, has become
: inconvenient. Some sort of subdivision would help the reader get to
: specific topics quickly, and those who have the time and interest to
: digest it all can still read all the newsgroups.

: So, assuming there are others of like minds, how does one start things moving?

: Regards, Paul

: PS: While I'm on my soapbox, my personal opinion of what to do is:
: Establish a new newsgroup limited to exchange of technical information -
: eg VHF/UHF radio theory, transmission line and antenna theory,
: monitoring techniques, information on how UHF/VHF systems work
: and how they are used. Discussion of *NEW* equipment and modifications would
: be acceptable, as would listing of *NEW* or topical frequencies....
: but those seeking well-documented information on freq's, mod's
: or 'old' equipment would be politely referred to FAQ's or FTP sites.
: The existing alt. and rec. scanner groups would remain for far-reaching
: discourse on other topics just as they are used now.

: ... VHF - Very Heated Flaming UHF - Ultimately Heated Flaming
: --- Blue Wave/QWK v2.10

4787. Need freqs for Homestead AFB air show

Newsgroup: rec.radio.scanner
Date: 1994-11-01 21:49:51 UTC
From: habu@gate.net
Message-ID: <396d5v$1u38@tequesta.gate.net>
Source record: 266243

The Homestead AFB in S.Florida is having an air show this weekend and
I could use some frequencies or suggestions on what frequencies might
be worth trying

Thanks Mike

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

4788. Re: R7100 - Scan Star stop mod problem?

Newsgroup: rec.radio.scanner
Date: 1994-11-01 22:38:57 UTC
From: warren@bluesky.com
Message-ID: <396g21$knn@pdx1.i.net>
Source record: 266264

In article <393hjs$61b@geraldo.cc.utexas.edu>
otoupal@astro.as.utexas.edu (Doug Otoupal) writes:

> By the way. I have had the Scan Star Professional
> software for about a week now. What a difference
> it makes! I can now dump a group of frequencies
> from DBASE into a file, read it into Scan Star, and
> change all 900 odd channels in just a couple
> minutes.

Really! What fields are in the DBASE file?

One of the problems I have with the ICOM CT-IV protocol is that it
doean't allow a complete readout/backup of the radio settings.
Specifically, it is not possible to read the scan bank number (darn it)
or the scan spacing interval (for channels 900-919).

When I asked ICOM about this, I was told that the protocol was not
designed with backup in mind. They suggested that it was possible to
write all parameters, so I should just keep all the info on my
computer and make mods there. Then download it into the radio.

Warren Leach
warren@bluesky.com

4789. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-01 23:21:32 UTC
From: crisp@netcom.com
Message-ID: <crispCyM3Jw.Mo7@netcom.com>
Source record: 266245

In article <396bhc$6b2@news.ecn.bgu.edu> mupmw7@uxa.ecn.bgu.edu (Peter M Woolsey) writes:
>Kevin Mark Wong (kwong@ee.ualberta.ca) wrote:
>: Aaron Giles (giles.26@postbox.acs.ohio-state.edu) wrote:
>: > You might try the 450-470 Mhz band. The Taco Bell in my city uses a
>: > repeater in the 464/469 range.It is very low power, and the output on 464
>: > is continuous.
>
>: Why would Taco Bell have a repeater?
>
>-->> I was wondering the same thing..... Are they trying to talk
>-->> to OTHER Taco Bells in the area?????
>|--|

Maybe they have a fleet of trucks that need to be contacted. Perhaps
they have to deliver supplies etc from a centralized warehouse?

I don;t think that is too uncommon..

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4790. NiCad Discharge Using Diodes

Newsgroup: rec.radio.scanner
Date: 1994-11-01 23:41:50 UTC
From: jlager@w8hd.org
Message-ID: <396jnu$lsr@tango.w8hd.org>
Source record: 266246

Recently, someone posted something regarding using high-current silicon diodes to discharge/condition NiCad cells, by taking them down to 0.6 volts. Will the poster please contact me by email ? I'd like to talk to you about it. Thanx.

Jim
jlager@w8hd.org

4791. Re: Q: What is "trunking"?

Newsgroup: rec.radio.scanner
Date: 1994-11-02 00:01:43 UTC
From: rout0003@eel
Message-ID: <CyM5Gt.96t@news.cis.umn.edu>
Source record: 266247

Eric B. (browere@einstein.cs.ucdavis.edu) wrote:

: Would anyone care to explain exactly what "trunked" means, and how this
: relates to scanning a given "trunked" frequency?

Here is an article posted a while back in rec.radio.scanner which
should help you out. All credit goes to the author noted at the end.

-Andy R.

```
================================================================================
HOW A TRUNKED RADIO WORKS
================================================================================
```

There are several kinds of trunked radio systems; I'll describe the
Motorola one since that's the kind I was trained on several years ago. The
others aren't too different, I'm told.

Typically there are at least 4 channels in a trunking system. They are
really repeater pairs; most often in a small system, all the repeaters
are at a single location on a good hill or tall building. One channel
is the control channel and continously transmits digital codes (3600
baud, if I remember right). In a Motorola system, the control channel
shifts between the repeaters in the system every 12 hours to even out
the wear on the equipment. Larger systems (like San Diego's 14-channel
trunking system) will have multiple control channels, usually spread
around different sites for better coverage.

When a mobile (or portable) is first turned on, it scans all the
channels in its system until it finds the control channel. (If it
can't find it, you'll get an error indication.)

When you key the radio to make a transmission (after an idle period),
the radio sends a quick digital request containing your unit id and
the 'call group' of who you want to talk with to the trunking
controller, which is listening on the input of the repeater that is the
control channel at that time.

The controller selects an idle repeater channel, and then transmits a
command that tells your radio to switch to that frequency. If all
channels are busy, you get an error indication. All the other radios
in the selected talk group will also switch to that frequency.

(A talk group may be everyone on your system, just a few units, or one
specific unit. It's completely programmable.)

While the conversation continues, you'll all stay on that frequency.
After a configured idle period (which can be short or long), you'll all

return to the control channel, freeing up the repeater.

Whilst you're on the talk channel, a continuous subaudible digital code (63 baud? don't remember!) is sent to confirm that you're on the right channel and that you should stay there. It can also instruct you to switch to another talk channel or to return immediately to the control channel.

MDT (Mobile Data Terminals), alphanumeric pagers, and mobile status indicators (in service, out of service, man down, emergency, hijack, etc) can operate on the digital control channel without needing to allocate a talk channel, although in a busy police system, it's likely that MDTs have their own channel.

It is possible to poll a mobile to see if it's in service; it's even possible to reconfigure the mobile remotely in the more advanced systems. I see no reason to believe that it is impossible to remotely command a mobile to transmit, but I don't think that would be practical as an eavesdropping technique, since typically the microphone is out of the circuit unless the button on the mic is pushed, and because most mobiles have blab-off timers to prevent a wedged microphone from jamming a channel for long. It could be done, though.

The voice transmissions are normally standard 5 (or 3) kHz deviated FM, but they can be digitally encrypted if the system is so equipped. That's pretty much separate from the trunking function. (As a side note, the Motorola digital encryption is done by digitizing the signal using a CVSD coder doing the A/D/A conversion; as I recall, it's like a 12kb/s code. To me, it sounds really muffled - too low a sample rate for my taste. Obviously they had to do that to fit it into standard channels.)

I understand that the Johnson and G.E. systems work similarly, but don't leave the controller transmitting continuously. They may use different baud rates too.

To monitor a trunking system on a scanner, you pretty much have to program all the frequencies into your radio. In the US, you can get them from the public copy of the station license. However, if the system gets busy, and the idle homing timer is set short, you'll have a lot of trouble finding a specific conversation.

I think it would be really cool for someone to make a trunking decoder that could be attached to a scanner that would instruct it to follow a specified bunch of talk groups as the channel assignments took place. No doubt it'll cost a fortune.

In the mean time, the only technique that occurs to me is to get a used trunking radio and pursuade a radio tech to program it the same as one of the official radios. Whatta pain!

- brian@ucsd.edu (Brian Kantor)

==========

4792. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-11-02 00:02:02 UTC
From: dseitel@crl.com
Message-ID: <396ktq$o90@crl7.crl.com>
Source record: 266271
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Interesting group; interesting thread.
Maybe I should ask again in here:

Does anyone know how to get a tuning knob off an Icom R-7100?

Sorry about the off-topic posting. ;-)

David S. Eitelbach
dseitel@crl.com

4793. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-02 00:05:05 UTC
From: tharrell@nmsu.edu
Message-ID: <396l3h$ah5@dns1.NMSU.Edu>
Source record: 266248

Gary Baumgarten (ad225@detroit.freenet.org) wrote:

: Why would anyone want to monitor fast food drive through
: frequencies? I can't imagine the conversations being that
: interesting.

Didn't we just have this thread a couple of months back????
--

| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |

4794. Need Freqs for Colorado Springs

Newsgroup: rec.radio.scanner
Date: 1994-11-02 00:12:53 UTC
From: Paul Leet <pleet@cisco.com>
Message-ID: <396li5$10q@cronkite.cisco.com>
Source record: 266249

Hi Net RF types,
I am looking for the freqs around colorado springs.
Specifically the local/state police/Fire, and the local
military bases like the Air Force Academy and Fort Carson

Thanks in advance!

Paul

4795. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-02 00:16:06 UTC
From: tweek@netcom.com
Message-ID: <tweekCyM62u.E2q@netcom.com>
Source record: 266250

crisp@netcom.com (Richard Crisp) writes:
>mupmw7@uxa.ecn.bgu.edu (Peter M Woolsey) writes:
>>Kevin Mark Wong (kwong@ee.ualberta.ca) wrote:
>>
>>: Why would Taco Bell have a repeater?
>>
>>-->> I was wondering the same thing..... Are they trying to talk
>>-->> to OTHER Taco Bells in the area?????
>
>Maybe they have a fleet of trucks that need to be contacted. Perhaps
>they have to deliver supplies etc from a centralized warehouse?

You see, you go in, you order your food, they radio your order to
da trucks, and da trucks make a run from South of the Border with
your meal.

>I don;t think that is too uncommon..

Since the original poster mentioned LOW POWER REPEATER, I assumed at the
time I read the post, that this was really just one of the drive up kiosk
headset systems... keep in mind that the original post said that the carrier
was on 100% of the time.

--
tweek@io.com tweek@tweekco.ness.com WW4Net-1@11551 DoD #MCMLX N6QYA
**** Regarding the Internet><WWIVNet gateway and other assorted stuff: ****
http://io.com/user/tweek/homepage.html IM: Michael D. Maxfield

4796. Re: Q: What is "trunking"?

Newsgroup: rec.radio.scanner
Date: 1994-11-02 00:50:17 UTC
From: grumpy@en.com
Message-ID: <396no9$a7c@en.com>
Source record: 266252

Curtis Wheeler (cgwh@chevron.com) wrote:
: Trunked radio does sort of the same thing without dedicated paths to users
: (no loops) but instead, uses a control channel. When a trunked radio
: transmits it does so on a control channel. When the central controller sees
: who is transmitting it assigns a different channel and instructs all radios in
: the user's group to go to that channel. When the transmissions are finished
: the radios go back to the control channel and wait for the next round of
: traffic.

What kind of a scanner radio can I get to follow the conversation?

4797. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-11-02 00:55:54 UTC
From: crisp@netcom.com
Message-ID: <crispCyM7x6.935@netcom.com>
Source record: 266273
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <396ktq$o90@crl7.crl.com> dseitel@crl.com (David S. Eitelbach) writes:
>Interesting group; interesting thread.
>Maybe I should ask again in here:
>
>Does anyone know how to get a tuning knob off an Icom R-7100?
>
>Sorry about the off-topic posting. ;-)
>
>David S. Eitelbach
>dseitel@crl.com

I alwauys purchase the service manual to get questions like that answeredd.
I have one at home, I will try to find the info for you tonight and post it.

Usually there are setscrews or something. Often they just pull straight off.
Sometimes one needs to peel up a thin cover off the front to expose
hidden screws......

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4798. Re: Military Scanner Freq

Newsgroup: rec.radio.scanner
Date: 1994-11-02 01:28:00 UTC
From: Brian.Flues@f239.n109.z1.fidonet.org
Message-ID: <f6d_9411012329@blkcat.fidonet.org>
Source record: 266253

GL>From: glitwin@craysea.cray.com (Gary Litwin)
GL>Newsgroups: rec.radio.scanner
GL>Organization: UTexas Mail-to-News Gateway

GL> Hello Folks!
GL>I recently posted a note requesting Military frequencies that could be
recei
GL>in the Seattle Washington area.

GL>The response was overwhelming! Over 20 different people posted or sent
email
GL>directly with frequencies, book suggestions, or general encouragement!

GL>My sincere appreciation to all of you for taking the time to help me out.

GL>One book that was NOT mentioned, that I have discovered was The "Top
Secret"
GL>Registry of U.S. Government Radio Frequencies 25 to 470 Mhz by Tom
Kneitel,
GL>K2AES.

GL>This book has an AMAZING number of military frequencies for military
GL>installations and military frequencies at civil airports.

GL>Additionally, there are TONS of listings for other government agencies as
GL>well.

GL>The 7th edition has a several pages of Canadian frequencies listed.

GL>I can't vouch for the accuracy of the frequencies, as much of the list is
GL>outside my home reception range, but the listing seems VERY comprehensive!

GL>I will be posting my list of Washington military freqs as soon as I get it
GL>all condensed and prettied up.

GL>Thanks again, and keep listening!

GL>Gary Litwin
GL>glitwin@craysea.cray.com

GL>---
GL> * Origin: The Black Cat's Usenet <=> Fidonet Gateway (1:109/42)
***
* SLMR 2.1a *

Fidonet: Brian Flues 1:109/239
Internet: Brian.Flues@f239.n109.z1.fidonet.org

4799. Re: Wanted: NYC freqs with P.L.

Newsgroup: rec.radio.scanner
Date: 1994-11-02 02:03:33 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <Rq21Lw1.donhayes@delphi.com>
Source record: 266255

If you have anything in particular that you want, just let me know!

4800. Re: PRO-35 Mods

Newsgroup: rec.radio.scanner
Date: 1994-11-02 02:07:01 UTC
From: rickkkk@delphi.com
Message-ID: <Zo23z49.rickkkk@delphi.com>
Source record: 266256

Bruce Dixon <dbdixon@ythcomm.win.net> writes:

>Anybody know of any mods for the RS PRO-35 portable...can't seem to

Yes Delphi has them in their radio sig database.

4801. Re: Taco Bell Freq.

Newsgroup: rec.radio.scanner
Date: 1994-11-02 02:23:56 UTC
From: giles.26@postbox.acs.ohio-state.edu
Message-ID: <giles.26.4.2EB6F83B@postbox.acs.ohio-state.edu>
Source record: 266257

The repeater is VERY low power. You can only hear it within a block or two. Most fast food places (McDonalds, etc.) do the same thing. It is just for the drive thru. Why...? Ask Ronald or someone else who might know!

4802. Re: question:INTERMEDIATE FREQUENCIES

Newsgroup: rec.radio.scanner
Date: 1994-11-02 02:29:16 UTC
From: kjn@netcom.com
Message-ID: <kjnCyMC8t.8Lu@netcom.com>
Source record: 266258

Shalom says:
" In article <38m5t0$gfs@usenet.INS.CWRU.Edu> Doug wrote:

" One useful property of the IF is that if you double it and add it to the
" frequency on the readout (or subtract- same effect) you will be able to
" receive an "image" of that freq. EG if my receiver has IF of 10.7 MHz, and
" I want to get 890.3 MHZ but it won't show up on my dial for some _inexplicable_
" reason, I can set 911.7 MHz and get an image of this transmission. (This is
" 21.4 MHz away from where I'm _really_ interested.)

Or...
If you're interested in listening to the PD on 482.9625 and you get bleed
from an irritating truck dispatcher transmitting 21.4 Mhz below on 461.5625,
you can add the (IFx2) to the freq that you want to hear, which in this case
would be (482.9625 + 21.4) = 504.3625, and can hear the Police without the
bleed.

--
Ken Navarre

4803. Re: Calif. Cellular Telephones: Price = Discounted Price + Rebate ???

Newsgroup: rec.radio.scanner
Date: 1994-11-02 02:43:04 UTC
From: g9153402@huey.csun.edu
Message-ID: <396ubo$825@nic-nac.CSU.net>
Source record: 266266
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

> All this sounds like good ole mama and papa government
> sticking its nose where it doesn't belong. Namely, interfering
> with good old free enterprise. I do not see anything wrong
> with offering a good price for a phone in a package deal.
> If someone doesn't like it, WHO CARES, he can go somewhere
> else to do businees. That whats great about free enterprise. I
> try to attract you as a customer and you are free to choose
> who you do business with. The fact that there is a law against
> this practice is surprising. Not as much so when you realize
> that the law was inacted in California.

The problem is you're being forced into these deals, in which often the only one really benifitting from some of the onerous contracts are the cellular retailers. How would you like it if grocery stores started to demand that if they're going to sell you groceries at a reasonable price, that you must sign a contract saying you will shop there for at least a year and agree to buy so much. And if you don't you'll be charged an early termination fee of several hundred dollars? People would be up in arms if this was the case with grocery stores, but this is what is happening with cellular retailers, but is far worse if you really knew what they were up to.

4804. PRO-2026

Newsgroup: rec.radio.scanner
Date: 1994-11-02 02:46:29 UTC
From: alacy@skew.com
Message-ID: <alacy.16.0013C6F1@skew.com>
Source record: 266259

is there a mod for this thing? I have mods all the way up to 2020 and 2022,
but no 2026. It does have an "A" in the model too :(Thanks!

4805. Re: NiCad Discharge Using Diodes

Newsgroup: rec.radio.scanner
Date: 1994-11-02 03:00:55 UTC
From: CMOORE@wpo.csd.scarolina.edu
Message-ID: <CMOORE.86.0@wpo.csd.scarolina.edu>
Source record: 266262

>Recently, someone posted something regarding using high-current silicon
>diodes to discharge/condition NiCad cells, by taking them down to 0.6
>volts. Will the poster please contact me by email ? I'd like to talk to
>you about it. Thanx.
>
>Jim
>jlager@w8hd.org
>

...that may have been me...lurking about sci.electronics.repair of late??

What's up?

The author of this blasphemy: Carl.Moore@scarolina.edu

My opinions are not necessarily those of my employer...
I'm sure they're relieved about that.

"...Dammit, Jim, I'm an Actor, not a Doctor..."

4806. Re: almost found a perfect scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-02 03:04:10 UTC
From: g9153402@huey.csun.edu
Message-ID: <396vja$825@nic-nac.CSU.net>
Source record: 266263

Ryan Weaver (da5id@expert.cc.purdue.edu) wrote:
>I was one pen away from writing a check for a pro-2006 (supposedly the best?)
ut then looked at the frequencies it didn't carry. Is there a smaller scanner
>that would complete the spectrum if I added the famous diode that allows cell
> scanning? Or is there an even better scanner (complete range) out there?

It's getting harder and harder to find modifiable scanners that are new.
Most inventories are depleted of them by now. As far as gaps in the 2006,
you can't get anything above 1,300 mhz, but I doubt you would find much
up there worth listening too. There is also the 520 - 760 mhz gap. In
there is just some of the UHF television band. I suggest buying a TV set
for that. You also get nothing below 25 mhz, in which you would be
better off buying a nice shortwave radio for that. Many scanners that
do scan down there don't do a good job. Also, lower frequencies do
usually require longer antennas, especially listening to foreign short-
wave broadcasts. Hope you find a good scanner, but if you can't, the
2006 is still an excellent scanner, although the scan speed (26 channels
per second) is on the slow end when compared to many of today's scanners.

4807. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-11-02 03:16:25 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov2.031625.24231@hpcvaac.cv.hp.com>
Source record: 266182
Cross-posted to: rec.radio.scanner,alt.radio.scanner

dseitel@crl.com (David S. Eitelbach) writes:
: Interesting group; interesting thread.
: Maybe I should ask again in here:
:
: Does anyone know how to get a tuning knob off an Icom R-7100?

Well, dynamite and cutting torches seem to work when all else
fails.

Bill

4808. Re: Flying with scanners? (reg quoted)

Newsgroup: rec.radio.scanner
Date: 1994-11-02 03:43:54 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov2.034354.25262@hpcvaac.cv.hp.com>
Source record: 266265

msattler@jungle.com (Michael Sattler, San Francisco) writes:
:
: Robert's vitriol notwithstanding, I belive that this paragraph means to
: be interepreted as giving the airline the discretion of banning certain
: FCC classes. Unless you know of some place in the terminal where the
: airline is putting probes on scanners, CD players, etc.

That is exactly what it says. However, the pilot is free to go further, if he feels that a particular device (allowed by the operator) is a hazard to safe flight. It does not matter at all how knowledgeable he/she may be about electronic equipment - all that matters is the pilot's perception of any hazard. This is written into FAA rules in a number of places, where the PIC (pilot in charge) is the final determinant of safe operation of the craft.

Bill

4809. RE: AOR AR8000 Receiver

Newsgroup: rec.radio.scanner
Date: 1994-11-02 03:50:03 UTC
From: toast@aol.com
Message-ID: <39729b$gd5@newsbf01.news.aol.com>
Source record: 266186

I have been using an AR8000 for about 3 weeks now and I am really satisfied with it's performance. The sensitivity is really nice, I have also been able to recieve signals (kind of weak, but listenable) below 25Mhz band. The best feature for me has been the 20 programable search banks and the Alpha/Numeric display is really nice too.. I have read the manual from front to back and at this point, I haven't had the need to go into the EXPERT mode. The only thing I don't like so far, is that you can't select bands on and off on the fly like, say with the Pro 43. You have a feature called Band Linking, which you select which bands you can scan through, but it takes a few extra steps.

I do recommend this scanner, but it is a little pricey.

Ty - KE6ITD

4810. Re: Strange (?) reception - PRO34

Newsgroup: rec.radio.scanner
Date: 1994-11-02 03:58:09 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov2.035809.25677@hpcvaac.cv.hp.com>
Source record: 266267

carmins@dayton.saic.com (Steve) writes:
:
: On my PRO34, I receive what sounds (to me) like an unmodulated
: carrier, which slowly (very slowly) rises in frequency, starting at
: approx 150.000MHz, going up to 160.000+ Mhz or so. The change is very
: gradual; I can listen, for instance, to the Co. Sheriff (155.415),
: where the carrier will slowly "rise" to the frequency, interfering with
: the reception of the Sheriff. I can increase the squelch, and this
: works until the carrier keeps the squelch open (full squelch). Then,
: the carrier slowly drifts higher, I can reduce the squelch, and
: everything is ok again - the carrier slowly slides onward up the
: frequency scale.
:
: I've just started noticing this odd behavior in my PRO34. It does not
: seem to be a " local" problem. Trips to Cincinnati/N. Kentucky (50+
: mi away) show identical "interference".
:
: Am I just a victim of intermod with this single-conversion scanner? Or
: is my 34 due for replacement?

I think your 34 is due for repair or replacement. This sounds like a
problem internal to your scanner.

Does the frequency jump back down to the lower frequency or just keep rising
to the maximum frequency. If it stays up, then it sounds like a component
has become temperature sensitive. If it jumps back down, while the scanner
remains on, then it may be a capacitor somewhere.

One clue is the strength of the signal. If it were that strong on the air,
then the police (and others) would be complaining.

Bill

4811. Re: Cops scrambling transmission..help!

Newsgroup: rec.radio.scanner
Date: 1994-11-02 04:22:16 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov2.042216.26111@hpcvaac.cv.hp.com>
Source record: 266268

bmallard@kean.ucs.mun.ca (BRIAN J. MALLARD) writes:
: The local police department has recently installed some kind of scrambling
: device so the public (like me) cannot hear what they are saying. They do
: not use it all the time. My scanner is from Radio Shack. Is there any way
: to "listen" to the scrambled talk? Please e-mail directly as I do not read
: this newsgroup very often. Thanks a whole bunch :)

E-mail, bah. Such questions are of interest to everyone who reads the group.

If they are scrambling, it is highly unlikely that you will be able to
descramble it - at least, not in real time and not without a supercomputer.

Bill

4812. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-11-02 04:40:22 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <CyMIBB.2p4@news.Hawaii.Edu>
Source record: 266198
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.policy

In article <crispCyLJC7.LE@netcom.com> crisp@netcom.com (Richard Crisp) writes:

>Hey Jeff, what does this rot have to do with shortwave?

Rich: I was responding to Paul Schleck's slanderous statements
here on rec.radio.amateur.policy - ask him why *he* cross-posted it
to .policy, .shortwave, and .scanner. Hopefully, now you can understand
the confusion and noise that may result from cross-posting.

Jeff

4813. uniden mod?

Newsgroup: rec.radio.scanner
Date: 1994-11-02 05:34:13 UTC
From: alacy@skew.com
Message-ID: <alacy.17.001692B1@skew.com>
Source record: 266269

Does anyone have a mod for the uniden SC150 (sportcat)? Thanks!

4814. R7100 tuning knob remobal was Re: Open Letter

Newsgroup: rec.radio.scanner
Date: 1994-11-02 06:08:18 UTC
From: crisp@netcom.com
Message-ID: <crispCyMMDu.DzK@netcom.com>
Source record: 266190
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <crispCyM7x6.935@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>In article <396ktq$o90@crl7.crl.com> dseitel@crl.com (David S. Eitelbach) writes:
>>Interesting group; interesting thread.
>>Maybe I should ask again in here:
>>
>>Does anyone know how to get a tuning knob off an Icom R-7100?
>>
>>Sorry about the off-topic posting. ;-)
>>
>>David S. Eitelbach
>>dseitel@crl.com
>
>I alwauys purchase the service manual to get questions like that answeredd.
>I have one at home, I will try to find the info for you tonight and post it.
>
>Usually there are setscrews or something. Often they just pull straight off.
>Sometimes one needs to peel up a thin cover off the front to expose
>hidden screws......
>

Ok to take the knob off, you pull off the rubber grip ring which surrounds
the outside of the knob, and there are setscrews which are cleverly hidded
behind the rubber. You know what to do next!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4815. Re: Cops scrambling transmission..help!

Newsgroup: rec.radio.scanner
Date: 1994-11-02 06:16:04 UTC
From: tfisher@boi.hp.com
Message-ID: <CyMMqt.L28@boi.hp.com>
Source record: 266270

Let's say I've got access to a super computer and I want to descramble the digital scrambled message. THEN WHAT?

Tim

4816. Re: Indoor Antenna

Newsgroup: rec.radio.scanner
Date: 1994-11-02 08:20:36 UTC
From: warren@bluesky.com
Message-ID: <397i4k$sh2@pdx1.i.net>
Source record: 266191

In article <391u00$65h@News1.mcs.com>
msmith@mtvernon1.basegrp.com (Smitty) writes:

> I leave in an apartment building an cannot use any type of
> out door antenna for scanning.
>
> Could someone please recommend a good indoor scanner antenna.
>
> Thanks in advance.
>
> Smitty

What kind of building is it? If it's concrete and rebar (like mine),
it's a lot tougher than, say, a single story wooden structure.

If it must absolutely be indoors, try making an antenna from 300 ohm TV
cable (the flat twin lead stuff, cut to the frequency of interest) and
placing it across a window.

My landlord also frowns upon an outdoor antenna. I've mounted a
discone on my outdoor balcony. Since I live on the 8th floor, it isn't
too visible from the below. The management hasn't asked me to remove it
and it's been there for 2 years. (Of course, I haven't really pointed
it out to them..)

Warren Leach
warren@bluesky.com

4817. Re: R7100 tuning knob remobal was Re: Open Letter

Newsgroup: rec.radio.scanner
Date: 1994-11-02 09:32:06 UTC
From: kjn@netcom.com
Message-ID: <kjnCyMvtI.HL@netcom.com>
Source record: 266195
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Richard Crisp says:
" >In article <396ktq$o90@crl7.crl.com> dseitel@crl.com (David S. Eitelbach) writes:
" >>Does anyone know how to get a tuning knob off an Icom R-7100?

" Ok to take the knob off, you pull off the rubber grip ring which surrounds
" the outside of the knob, and there are setscrews which are cleverly hidded
" behind the rubber. You know what to do next!

Been there, Done that...
Seems as if good 'ole ICOM used a gallon of LOCTITE on the threads.
Sucker just won't come off... Oh well...

Thanks for the suggestion, though.
--
Ken Navarre

4818. Re: Scanners in the UK

Newsgroup: rec.radio.scanner
Date: 1994-11-02 11:08:14 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <783774494snz@javiaton.demon.co.uk>
Source record: 266208

In article <pmbCyGvKt.LMA@netcom.com> pmb@netcom.com "Philip M. Burton" writes:

> Jonathan Clough (Clough@javiaton.demon.co.uk) wrote:
> : In article <38dscn$137@newsbf01.news.aol.com> dmoore1@aol.com "Dmoore1"
> writes:
>
> : UK is not illegal neither are their any restrictons on coverage
> : but as a "man in the street" all you can legally listen to is
> : Broadcast band Radio and Amateur Transmissions - anything else is
> : technically a no no.
>
> What about public transport? Specificially London Transport underground
> operations? British Rail (or whatever they call it these days) for
> example the Intercity 225s or Network SouthEast?

Do you mean is it legal or what frequencies do they use ?

Legally its against the law to listen unless you work for the Company
involved and the transmission was intended for YOUR receiption.

Quite a bit of London Transport & BR seems to be in the 165Mhz PMR
band together with 200/210MHz area.

> On the same topic, how about listening to public transport on the Continent?

Might be a bit of a sticky wicket in certain places. For example the only
frequencies "receivers" could receive in Germany not so long ago were the
Amateur bands and broadcast radio - it has been relaxed recenetly but
I am not usre of the exact "what you can & can't listen to" laws.

Like the U.K. discretion should keep you out of trouble - I have
used scanner in most parts of Europe without any bother but only for the
aviation bands. I would be careful in France, Spain and such places as
Greece. Mind you I guess it pretty much a waste of time unless you
speak the lingo :-)

--
Cheers,
/---\
Jonathan Clough,	AOR - Alinco - Camnis - Commtel - Bearcat -
Javiation,	Fairmate - Icom - Sony - Lowe - Realistic -
Bradford, UK	Signal - Tandy - Uniden - Yupiteru & Others
\---
Compu$$erve: 100117,535
Internet : Clough@javiaton.demon.co.uk
\---/

4819. Re: New version of PRO-2026(2026A)

Newsgroup: rec.radio.scanner
Date: 1994-11-02 11:37:54 UTC
From: Victor Healey <vhealey@crl.com>
Message-ID: <397tmi$6ro@nntp.crl.com>
Source record: 266272

> Mickey R Henniger (henniger@crl.com) wrote:
> : Just got my hands on a Radio Shack PRO-2026A to see what it was as was
> : pleasantly surprised. The guys at RS have done a good job with bugfixes.
>
> : Differences I noticed were:
>
> : - Still Modifiable
>
> Do you mean the cellular capability is still retorable?
>
> If yes, how?
>

Do not publicly post any imormation on this otherwise the FCC
will pull the product again. This is best in private email.

Vic

4820. Re: M 400 Decoders

Newsgroup: rec.radio.scanner
Date: 1994-11-02 12:40:34 UTC
From: milcom@netcom.com
Message-ID: <milcomCyn4Jn.BAq@netcom.com>
Source record: 266274

In article <joeCy4syF.9By@netcom.com>, joe@netcom.com (Joseph Jesson) says:
> Paul, I also own the original M400 and spoke both to Fred
>Osterman at Universal and the software programmer of the M400
>in Florida (the name escapes me and I am too lazy to look at
>my notebook). BOTH mentioned an upgrade to 1200/2400 POCSAG
>may never happen....
>
the thing already does 1200 baud pocsag, they call it super pocsag.
it doesnt automatically switch. The capcode display is in octal &
it leavs off the last digit.

4821. IF in the Icom R-100?

Newsgroup: rec.radio.scanner
Date: 1994-11-02 12:46:00 UTC
From: Hans-joergen.Strandby@f239.n109.z1.fidonet.org
Message-ID: <a8b_9411021159@blkcat.fidonet.org>
Source record: 266176

HELP
Can someone plese help me with what the IF frequencies are in the ICOM
R-100?????????

Thanks

Fidonet: Hans-joergen Strandby 1:109/239
Internet: Hans-joergen.Strandby@f239.n109.z1.fidonet.org

4822. Need mod for signal meter and 2006

Newsgroup: rec.radio.scanner
Date: 1994-11-02 13:01:15 UTC
From: gene@mcs.com
Message-ID: <gene.23.0005FBE4@mcs.com>
Source record: 265725

I have a Pro2006. I heard their was a mod that you can connect a signal meter to this radio. If so I want it.. All replies will be greatly appreciated. If you have any other mods they would also be greatly appreciated.... Thanks
gene@mcs.com

4823. Re: Flying with scanners? (reg quoted)

Newsgroup: rec.radio.scanner
Date: 1994-11-02 14:00:18 UTC
From: rshepard@interaccess.com
Message-ID: <39861i$jar@nntp.interaccess.com>
Source record: 266212

Michael Sattler, San Francisco (msattler@jungle.com) wrote:
: In article <cgwh.166.0013D874@chevron.com>
: cgwh@chevron.com (Curtis Wheeler) writes:

: > (5) Any other portable device that the operator of the aircraft has
: > determined will not cause interference with the navigation or communication
: > systems of the aircraft on which it is to be used.

: Certainly you may presume to read this paragraph as saying that the
: airline is technically determining whether any particular device causes
: interference. I would belive a lay-person (rshepard@interacces.com)
: could believe this, but I'm sad that the poster, a private pilot, seems
: to accept this interpretation.

: Given that the pilot of any plane I'm flying is patently inappropriate
: to determine whether any particular device will cause problems, save
: having us operate said devices one at a time, this interpretation is
: silly. The FCC is the governmental body that determines the
: interference generated and assigns a particular FCC class (residential,
: computational, experimental, etc.) to the device.

: Robert's vitriol notwithstanding, I belive that this paragraph means to
: be interepreted as giving the airline the discretion of banning certain
: FCC classes. Unless you know of some place in the terminal where the
: airline is putting probes on scanners, CD players, etc.

: >It is amazing how many people think they are exempt from federal
: >regulations. Only to again be suprised when a new tighter law emerges due
: >to their lack of obeying the origional law due to their "personal belief
: >exemption". How many of you idiots are going to make sure that scanning
: >becomes outlawed all together?

: Robert: drink decaf, get a life, exercise, and have your blood pressure
: checked. It's only the 'net. We're not out to get you. Really.

I was not under the impression that anybody was out to get me. And no
the airlines do not have the technology or the time to check every
electronic device. But the FARs and the FCC both have a say over what
happens on board aircraft in respect to electronic devices. Individual
airline policy aside, FARs in no uncertain terms basically says the pilot
in command is for all purposes "GOD" of his aircraft. Anybody who hops
on a plane with the idea of being exempt from his authority, could be in
for a very unpleasant greeting at the end of the flight.

No boiling blood over this on my part.

It just strikes me that other scanner users would not consider what there actions do to the image of this hobby, which is already pretty bad in the eye of the general public.

And for the record, I am hardly a "layman" when it comes to both communications and aviation. I hold several Radiotelephone licenses and work as a field engineer for one of the larger communications companies. I also hold a multi engine / turboprop / instument rated pilots license.

I am by no means an expert, but I think I've got a pretty good idea of what I'm talking about.

:)

: _/_/_/_

4824. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-11-02 14:39:40 UTC
From: crisp@netcom.com
Message-ID: <crispCynA24.15s@netcom.com>
Source record: 266214
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.policy

In article <CyMIBB.2p4@news.Hawaii.Edu> jeffrey@math.hawaii.edu writes:
>In article <crispCyLJC7.LE@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>
>>Hey Jeff, what does this rot have to do with shortwave?
>
>Rich: I was responding to Paul Schleck's slanderous statements
>here on rec.radio.amateur.policy - ask him why *he* cross-posted it
>to .policy, .shortwave, and .scanner. Hopefully, now you can understand
>the confusion and noise that may result from cross-posting.
>
>Jeff
>

I have never had any trouble understanding the confusion. It is you that
is confused. If what Paul said was true, there was no slander.

It is intersting that I received a telephone call from another
person about two days before Paul's post. The caller, whose name
need not be mentioned here, said essentially the same thing about Jeff's
rantings regarding the Lambda Radio club, gays cruising the bathrooms
etc. Jeff, you have got quite a following! By the way the caller
was not Paul.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4825. Re: Radio ratings by monitoring car recievers?

Newsgroup: rec.radio.scanner
Date: 1994-11-02 15:22:48 UTC
From: mlfowler@lfs.loral.com
Message-ID: <19941102.102248.432@lfs.loral.com>
Source record: 266177

In article <390j9u$icj@crl4.crl.com>,
on 30 Oct 1994 08:57:34 -0800,
David S. Eitelbach <dseitel@crl.com> writes:
>Daniel Hilliker wrote:
>
>> Probably not legally in the US, but it definitely happens in the
>> UK where I just spent a year. They have these little vans that drive
>> up and down the streets which use injection to detect TV sets (you
>> pay a license fee for having them).
>
>They also did this in Germany when I lived there, for the same reason:
>to make sure you paid your per set fee/tax/license.
>

Can someone give me more info on the technology used for this? I can't seem to get access to the earlier posts that discussed this; is there somewhere that this newsgroup is archived so that I can ftp old posts?

Mark Fowler
Loral Federal Systems
Owego, NY

4826. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-02 15:48:45 UTC
From: ad225@detroit.freenet.org
Message-ID: <398cct$j3e@detroit.freenet.org>
Source record: 266178

Hey, guys! I didn't catch the original thread on this months ago. Remember, some people jump on and off and can't keep up every day. There are also new folks joining the newsgroup each day who aren't aware of a previous discussion.

I never though about the fact that the carrier is on and there could be window to kitchen discussions going on that don't have to do with the ordering. Maybe it IS worth eavesdropping once in a while!

Gary
--
Gary Baumgarten
ad225@detroit.freenet.org

4827. US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-02 16:02:18 UTC
From: domonkos@access4.digex.net
Message-ID: <398d6a$f5s@news1.digex.net>
Source record: 266216

[Article crossposted from alt.conspiracy]
[Author was an147006@anon.penet.fi]
[Posted on Fri, 28 Oct 1994 03:11:46 UTC]

Gov. polling troops on whether they'd fire on fellow Americans!!!

Info from the Nov. 1995 issue of GUNS magazine vol.40 no.11-479
page 32 article by Massad Ayoob (a mega-name in the gun world for
those of our un-armed a.c. readers)

Ayoob starts out by saying that in August he printed that he had
heard that " Our Government is polling soldiers on whether they would
be prepared to open fire on American citizens.."

He then states that someone from Twenty-Nine Palms Marine Base in
Ca smuggled out the questionnaire. It contained this question;

"The US Government declares a ban on the possession, sale,
transportation, & transfer of non-sporting firearms. A thirty (30) day
amnesty period is permitted for those firearms to be turned over to
local authorities. At the end of this period, a number of citizen groups
refuse to turn over their firearms. Consider the following
statement:
I would fire upon US citizens who refuse or resist confiscation of
firearms banned by the US government."

Spaces were marked for responses on a "Strongly disagree"; to
"Strongly agree" continuum.

Ayoob's inquiries into the question were answered with the reply that
this was just someone's "master's thesis" research... THEN (!!!!) the
article goes on to say that Ayoob was informed that the thesis was
sparked by a desire to gauge how US troops would work with a UN
force in disarming Americans as part of a world effort to
demilitarize the USA!

!!!!!

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

The above was posted anonymously but several months ago I heard of this
questionaire from the For the People broadcast by Chuck Harter.

....drop you're scanner and come out with your hands up! :-(

Andy

4828. VHF/UHF -- AM/FM receiver electronic : Help !!

Newsgroup: rec.radio.scanner
Date: 1994-11-02 16:39:47 UTC
From: farget@neurosens.univ-lyon1.fr
Message-ID: <farget.12.0@neurosens.univ-lyon1.fr>
Source record: 266179

Hi,

Can somebody help me with VHF/UHF AM/FM receiver electronic ??
I want to know if electronic (PLL, demodulator, filters) components
in VHF/AM receiver are about the same that in a UHF/AM receiver.

Thanks.
-
Vincent FARGET
farget@neurosens.univ-lyon1.fr

4829. Providence Freq's

Newsgroup: rec.radio.scanner
Date: 1994-11-02 16:42:42 UTC
From: zen@ccs.neu.edu
Message-ID: <398fi2$3qu@narnia.ccs.neu.edu>
Source record: 266180

Hey,
Does anyone have some frequencies for Providence RI ? I had some, but they
got accidentally purged, and they weren't on the backup tape... Anyways,
as usual, if anyone has any frequency listings send'em over to me and I will
throw 'em up on my web page (http://dice.dac.neu.edu/Homepages/paul)..
This way when people post messages, we can just say "look at this web page"..
Paul

--

Paul Nash ||------- PGP Key Available By Fingering me----------
zen@denali.ccs.neu.edu ||---------- ? --------------

4830. Re: Cops scrambling transmission..help!

Newsgroup: rec.radio.scanner
Date: 1994-11-02 16:45:15 UTC
From: crisp@netcom.com
Message-ID: <crispCynFvF.8pB@netcom.com>
Source record: 266181

In article <1994Nov2.042216.26111@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>bmallard@kean.ucs.mun.ca (BRIAN J. MALLARD) writes:
>: The local police department has recently installed some kind of scrambling
>: device so the public (like me) cannot hear what they are saying. They do
>: not use it all the time. My scanner is from Radio Shack. Is there any way
>: to "listen" to the scrambled talk? Please e-mail directly as I do not read
>: this newsgroup very often. Thanks a whole bunch :)
>
>E-mail, bah. Such questions are of interest to everyone who reads the group.
>
>If they are scrambling, it is highly unlikely that you will be able to
>descramble it - at least, not in real time and not without a supercomputer.
>

It depends on what kind if scrambling they are doing. If it is speech inversion, it is easy to crack. Other systems may be unbreakable from a practical perspective.

Be advised that it is illegal under federal law to intercept scrambled communications. The definition of intercept used in that law is to actually extract the information carried. So if you were to listen to the signal while it was scrambled, it would be legal provided it was not carried on a cellphone or cordless phone.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box, and the cartridge box. Let's effectively use the first two so we do not have to resort to the third!

4831. Secret service freq, president

Newsgroup: rec.radio.scanner
Date: 1994-11-02 16:50:35 UTC
From: cmatthew@wpo.uwsuper.edu
Message-ID: <cmatthew.8.0@wpo.uwsuper.edu>
Source record: 266217

Does anyone know of some freq that the secret service uses when the preident is traviling around? Or at least where to scan around? Clinton is coming totown and I thought it would be interesting to listen to.

-Charlie N0FXD
E-Mail cmatthew@wpo.uwsuper.edu

4832. Re: Need help with mobile Ant.

Newsgroup: rec.radio.scanner
Date: 1994-11-02 17:16:47 UTC
From: tharrell@nmsu.edu
Message-ID: <398hhv$9b5@dns1.NMSU.Edu>
Source record: 266183

```
scanman - using tin (scanman@cml.com) wrote:
: I am looking for suggestions for the the best mobile antenna to monitor
: in the 460 Mhz frequency range. I am not interested in performance on any
: other bands, just 460 Mhz. I am presently using Radio Shack's mag-mount
: mobile antenna but it is a multi-band design and I am looking for
: something that has optimal performance in the 460 Mhz band. Any expert
: opinions out there? Thanks in advance!

Try a GMRS antenna - they're in the 462 MHz range, and should work nicely.
--
*-------------------------------------------------------------------*
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |
*-------------------------------------------------------------------*
```

4833. Realistic PRO-43 or AOR AR1000XLT

Newsgroup: rec.radio.scanner
Date: 1994-11-02 17:20:41 UTC
From: evincent@sargas.usc.edu
Message-ID: <398hp9$qlm@sargas.usc.edu>
Source record: 266184

I'm preparing to buy a new handheld scanner. It's been about 10 years since I purchased my last unit (A Bearcat desktop unit).

I was looking initially at the Radio Shack Realistic PRO-43 but I picked up a copy of Popular Communications and saw several advertisements for the AOR AR1000XLT. Now, both units are about the same price (the AOR is slightly higher), but it seems the AOR is superior to the PRO-43. Specifically, it looks like the AOR has all of the features of the PRO-43 but offers a frequency range of .5 - 1300 MHz with no gaps and does not have cellular blocked. Also, the AOR provides 1000 channels as opposed to only 200. The AOR also comes with NiCads, an AC charger and a case.

Can anyone tell me why I shouldn't buy the AOR AR10000XLT???
I'd also appreciate any feedback owners of this particular model might have.

Thanks in advance,

Eric Vincent
University of Southern California

4834. Re: Indoor Antenna

Newsgroup: rec.radio.scanner
Date: 1994-11-02 17:23:22 UTC
From: kws@fc.hp.com
Message-ID: <398hua$l0v@tadpole.fc.hp.com>
Source record: 266218

In article <394dv3$c9l@Mercury.mcs.com>, hiattd@MCS.COM (Don Hiatt) writes:
> Smitty (msmith@mtvernon1.basegrp.com) wrote:
> : I leave in an apartment building an cannot use any type of
> : out door antenna for scanning.
>
> : Could someone please recommend a good indoor scanner antenna.
>
> : Thanks in advance.
>
> : Smitty
>
> I am in the same situation. I am mainly interested in the 400 & 800 MHz
> range, though coverage from 30Mhz to 900Mhz would be even better. :)
>
Radio Shack sells a small (about 3 foot) telescoping center-loaded antenna that simply replaces the short whip antenna the scanner originally came with. I think it cost about $20. It does a better job than the whip. I don't listen much to the 800 Mhz region.

If you have a favorite tight low frequency range, you might try building a 1/4 wave antenna for that frequency. Cut two wires (18-gauge is OK) and run them along the wall-ceiling joint in your apartment so that one end of each wire meets in a corner. Run coax from your radio to the corner and solder the ground to one wire and the center to the other. Each wire is 1/4 wavelength. May not be the best set-up in the world, but is very cheap and rather inconspicuous.

4835. Re: Cops scrambling transmission..help!

Newsgroup: rec.radio.scanner
Date: 1994-11-02 17:25:52 UTC
From: jwierzbicki@melpar.esys.com
Message-ID: <CynHr4.Mq3@melpar.esys.com>
Source record: 266185

In article <1994Nov2.042216.26111@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
|> bmallard@kean.ucs.mun.ca (BRIAN J. MALLARD) writes:
|> : The local police department has recently installed some kind of scrambling
|> : device so the public (like me) cannot hear what they are saying. They do
|> : not use it all the time. My scanner is from Radio Shack. Is there any way
|> : to "listen" to the scrambled talk? Please e-mail directly as I do not read
|> : this newsgroup very often. Thanks a whole bunch :)
|>
|> E-mail, bah. Such questions are of interest to everyone who reads the group.
|>
|> If they are scrambling, it is highly unlikely that you will be able to
|> descramble it - at least, not in real time and not without a supercomputer.
|>
|> Bill

You will not need a supercomputer, or anything even close to a 386. Once you know what is being done to the audio (the hard part) you only have to "undo" whatever it is every 100 microseconds (at the rate of 10 kHz for 5 kHz bandwidth audio). Right?

John L. Wierzbicki --- jwierzbicki@melpar.esys.com
****
* "The very atmosphere of firearms anywhere and everywhere restrains *
* evil interference - they deserve a place of honor with all that's *
* good." ------- George Washington *
* *
****

4836. Re: US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-02 17:50:02 UTC
From: jdgan@freenet3.scri.fsu.edu
Message-ID: <398jga$9bo@freenet3.scri.fsu.edu>
Source record: 266187
Body handling: HTML body converted to readable text

Andy Domonkos (domonkos@access4.digex.net) wrote:
: [Article crossposted from alt.conspiracy]
: [Author was an147006@anon.penet.fi]
: [Posted on Fri, 28 Oct 1994 03:11:46 UTC]

: Gov. polling troops on whether they'd fire on fellow Americans!!!

: Info from the Nov. 1995 issue of GUNS magazine vol.40 no.11-479
: page 32 article by Massad Ayoob (a mega-name in the gun world for
: those of our un-armed a.c. readers)

: Ayoob starts out by saying that in August he printed that he had
: heard that " Our Government is polling soldiers on whether they would
: be prepared to open fire on American citizens.."

: He then states that someone from Twenty-Nine Palms Marine Base in
: Ca smuggled out the questionnaire. It contained this question;

: "The US Government declares a ban on the possession, sale,
: transportation, & transfer of non-sporting firearms. A thirty (30) day
: amnesty period is permitted for those firearms to be turned over to
: local authorities. At the end of this period, a number of citizen groups
: refuse to turn over their firearms. Consider the following
: statement:
: I would fire upon US citizens who refuse or resist confiscation of
: firearms banned by the US government."

: Spaces were marked for responses on a "Strongly disagree"; to
: "Strongly agree" continuum.

: Ayoob's inquiries into the question were answered with the reply that
: this was just someone's "master's thesis" research... THEN (!!!!) the
: article goes on to say that Ayoob was informed that the thesis was
: sparked by a desire to gauge how US troops would work with a UN
: force in disarming Americans as part of a world effort to
: demilitarize the USA!

>>>Nov 94 issue of "American Survival Guide" pg. 8 editorial
>>>by M. Pietrantoni covered the exact same qoutes with an
>>>addition of questions regarding the sovereighnty of the U.S.
>>>and if the troops would be willing to submit to authority
>>>other than the U.S. gov. and swear by this...
>>>"I am a United Nations fighting person. I serve in the forces
>>>which maintain world peace and every nation's way of life.
>>>I am prepared to give my life in thier defense."
>>>kinda makes you wonder why they banned "assault weapons",

4837. pro-2026

Newsgroup: rec.radio.scanner
Date: 1994-11-02 18:29:09 UTC
From: alacy@skew.com
Message-ID: <alacy.20.000B7CC6@skew.com>
Source record: 266188

Ok, I went out and bought the 2026 yesterday. I needed a good mountable scnner for my car. This one has the bracket for car, and a stand for your desk or whatever. Anyway, this is probably the best mobile scanner (not handheld) that I have found. To mod it, it literally took me 3 minutes. You remove 4 screws, pull the case back 3 inches, cut a jumper, and you're in business. It only has 100 channels, but that's ok for mobile use. I highly recommend picking one up if you're in the market. It is on sale for 149.00 right now.

al

4838. Re: Secret service freq, president

Newsgroup: rec.radio.scanner
Date: 1994-11-02 19:16:15 UTC
From: fd@wwa.com
Message-ID: <398ohv$1f0@sashimi.wwa.com>
Source record: 266189

CHARLES R. MATTHEW (cmatthew@wpo.uwsuper.edu) wrote:
: Does anyone know of some freq that the secret service uses when the
: preident is traviling around? Or at least where to scan around? Clinton is
: coming totown and I thought it would be interesting to listen to.

: -Charlie N0FXD
: E-Mail cmatthew@wpo.uwsuper.edu

164.375 should be heavy with SS traffic... (all the time).

Also make sure you listen to radiotelephone traffic from Air Force One
on 415.700 mhz.

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback?
email for uuencoded .TIF of T-Shirt Honoring the FBI
Remember, fd _IS FOR_ Full Disclosure!

4839. PRO-51 scanner for sale

Newsgroup: rec.radio.scanner
Date: 1994-11-02 19:23:15 UTC
From: brayman@apt01.Kodak.COM
Message-ID: <398ov3$2b0@kodak.rdcs.Kodak.COM>
Source record: 266145

Radio Shack PRO-51 scanner for sale. Includes Radio Shack
ac adapter/charger. Scanner receives cellular bands with
keyboard mod. Price: $165, includes shipping.

Contact Howard Brayman, 716-722-0068, days.

(brayman@apt01.kodak.com)

4840. Re: Secret service freq, president

Newsgroup: rec.radio.scanner
Date: 1994-11-02 20:20:55 UTC
From: alacy@skew.com
Message-ID: <alacy.21.000D59A4@skew.com>
Source record: 266224

In article <cmatthew.8.0@wpo.uwsuper.edu> cmatthew@wpo.uwsuper.edu (CHARLES R. MATTHEW) writes:
>Path: csn!ncar!newsxfer.itd.umich.edu!zip.eecs.umich.edu!caen!saimiri.primate.wisc.edu!news.doit.wisc.edu!news.uwsuper.edu!wpo.uwsuper.edu!cmatthew
>From: cmatthew@wpo.uwsuper.edu (CHARLES R. MATTHEW)
>Newsgroups: rec.radio.scanner
>Subject: Secret service freq, president
>Date: 2 Nov 1994 16:50:35 GMT
>Organization: University of Wisconsin - Superior, Wisconsin
>Lines: 6
>Message-ID: <cmatthew.8.0@wpo.uwsuper.edu>
>NNTP-Posting-Host: 137.81.9.48

> Does anyone know of some freq that the secret service uses when the
>preident is traviling around? Or at least where to scan around? Clinton is
>coming totown and I thought it would be interesting to listen to.

>-Charlie N0FXD
>E-Mail cmatthew@wpo.uwsuper.edu

U.S. SECRET SERVICE
PRESIDENT SECURITY FREQUENCYS

MHZ. CHANNEL USAGE
--- ------- -----

32.230 ABLE WHCA
166.5125 ALPHA ESCORT & SECURITY
165.7875 BAKER PRES./VP/VIP ESCORTS
165.375 CHARLIE NATIONWIDE PRIMARY, COMMAND POST COORDINATION
169.925 DELTA WHCA VANS, PHONES PATCHES
407.850 ECHO PHONE PATCH UPLINK PAIRED WITH 415.700 IN AIRCRAFT
415.700 FOXTROT PHONE PATCH DOWNLINK PAIRED WITH 407.850 ON GROUND
165.7625 GOLF INPUT TO 165.375 REPEATERS
166.2125 HOTEL PRES./VP PROTECTION
407.925 INDIA TREAUSRY SECURITY FORCE (PRES./VP PROTECTION)
170.000 JULIET CAMP DAVID, PAGER
167.825 KILO WHCA STAFF
168.7875 LIMA WHCA STAFF
165.2125 MIKE FOREIGN/DOMESTIC DIGNITARIES PROTECTION
167.025 NOVEMBER WHCA STAFF
164.8875 OSCAR PRES. LOMO. & EXECUTIVE FAMILY
166.400 PAPA COUNTERFEIT DIVISION, PRES./VP PROTECTION
166.700 QUEBEC WHCA STAFF
166.400 ROMEO INPUT TO 166.4625 REPEATERS
166.5125 SIERRA PRES./VP PROTECTION, PAGERS

164.650 TANGO PRES./VP PROTECTION
UNIFORM
164.100 VICTOR PRES./VP PROTECTION
167.025 WHISKEY PAGERS
166.4625 X-RAY TREASURY COMMON CHANNEL (SS/ATF/CUSTOMS/IRS)
162.6875 YANKEE PHONE PATCH UPLINK PAIRED WITH 171.2875 IN AIRCRAFT
171.2875 ZULU PHONE PATCH DOWNLINK PAIRED WITH 162.6875 ON GROUND

4841. Caller ID

Newsgroup: rec.radio.scanner
Date: 1994-11-02 20:36:48 UTC
From: kwong@ee.ualberta.ca
Message-ID: <398t90$gf7@quartz.ucs.ualberta.ca>
Source record: 266131

Would a Caller ID display unit fed by a scanner tuned to a cordless phone (or cellular phone) function properly? I know there are at least a few requirements.

* The scanner must be tuned to the cordless phone being called.
* The owner of the cordless phone must be a Caller ID service subscriber.
* The Caller ID decoder on the cordless phone base transmitter must not filter out the Caller ID signals or codes.
* The base transmitter must send the ring signal to the phone handset by radio. I think all handsets do get their ring through the air as opposed to an electrical connection when resting on the base/charger. (I am assuming that the Caller ID is embedded in the ring or sent inaudibly immediately after the ring.)

Of course, nobody in the United States should do this -- unless they switch to another frequency right before conversation begins. Or is monitoring ring signals prohibited as well? :-)

4842. <None>

Newsgroup: rec.radio.scanner
Date: 1994-11-02 20:38:35 UTC
From: emdevries@csupomona.edu
Message-ID: <1994Nov2.123835@clstac>
Source record: 266128

I would appreciate any information on Icom R-100 modifications, specifically, 800-900 Mhz reception. I was unable to find one produced before the 1992 scanner law went into full effect.
Many thanks, Eugene

4843. BC8500 Comments?

Newsgroup: rec.radio.scanner
Date: 1994-11-02 20:56:46 UTC
From: jocatch@vnet.ibm.com
Message-ID: <398ueeINNlei@afshub.boulder.ibm.com>
Source record: 266144

Just ordered a BC8500 and was wondering if I could get a few comments, pro and con on the scanner. The Nov 93 issue of MT said some bad things about it but I was wondering if Uniden has since made it better and since I live in an rual RF area, would it be a problem?

Thanks for any info.

Joe C.

P.S. What is a BC9000 coming out next month????????

4844. PRO-43 Cases??

Newsgroup: rec.radio.scanner
Date: 1994-11-02 21:11:57 UTC
From: petea@col.hp.com
Message-ID: <398vat$6to@hp-col.col.hp.com>
Source record: 266132

Greetings All:

Although I saw a recent thread on cases for the PRO-43, I didn't own one at the time and am now in the need of a case. I would prefer something light and not to bulky. Can someone make a recommendation???

Thanks......Pete Arebalo

4845. Re: OPTO SOFTWARE : Where to get it?

Newsgroup: rec.radio.scanner
Date: 1994-11-02 22:02:44 UTC
From: bsaladino@aol.com
Message-ID: <3992a4$34u@newsbf01.news.aol.com>
Source record: 266142

Reply to article <3966st$p4e@paperboy.gsfc.nasa.gov>

Radio Manager for Windows 2.01 now supports the OptoScan456, as well as
Icom R7000,R7100, R9000, and other Icoms.

The program is available as RM.ZIP at the following places...

CompuServe's HamNet Scanning Library

America Online's Ham Radio Area's Software Exchange (30Mhz and Up)
ftp oak.oaklnad.edu /pub/hamradio/pc/ham-utils

Thanks,
Ben Saladino - Author of Radio Manager for Windows
660 West Oak ST
Hurst, TX 76053-5526
CIS: 71052,2416
AOL:BSaladino
INTERNET:71052.2416@CIS.COM

4846. Local shack (Re: Radio Shack sour grapes?)

Newsgroup: rec.radio.scanner
Date: 1994-11-02 22:13:00 UTC
From: jason@cpubbs.cuug.ab.ca
Message-ID: <826f_9915f628@cpubbs.cuug.ab.ca>
Source record: 266141

> Hmm.. Interesting story about he non-transmitting scanner.
> Definately wasn't
> at the one I work at part-time.

A non-=transmitting= scanner? I missed the earlier parts of this thread, must've been a good one.. :)

Maybe that's what I'll do when I take in my [near-dead] PRO-44 this week for the local shack's "Fall-Fixit Sale" [bring in anything even remotely like a Radio Shack electronic product, they'll fix it for a set price agreed on by you and the manager, plus $10].. "Yeah, this scanner doesn't transmit anymore.."

Actually, it doesn't receive worth a damn, either.. cracked circuit board. I don't think a set-price plus $10 in parts is gonna save this thing. Luckily, my birthday is in a week and PRO-43s are on sale for "only" $350 or so. [Regular price in Canuckbucks is $480.] :)

jason low jason@cpubbs.cuug.ab.ca derran@sdf3.cpubbs.cuug.ab.ca
REMR - Pump-A - Parts 1 & 2 - Driver - V-X Tech - Trench Tech - General Peon

4847. Re: R7100 tuning knob remobal was Re: Open Letter

Newsgroup: rec.radio.scanner
Date: 1994-11-02 22:38:21 UTC
From: zlau@arrl.org
Message-ID: <1994Nov2.223821.2621@arrl.org>
Source record: 266143
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Richard Crisp (crisp@netcom.com) wrote:
: In article <crispCyM7x6.935@netcom.com> crisp@netcom.com (Richard Crisp) writes:
: >In article <396ktq$o90@crl7.crl.com> dseitel@crl.com (David S. Eitelbach) writes:
: >>Interesting group; interesting thread.
: >>Maybe I should ask again in here:
: >>
: >>Does anyone know how to get a tuning knob off an Icom R-7100?

: Ok to take the knob off, you pull off the rubber grip ring which surrounds
: the outside of the knob, and there are setscrews which are cleverly hidded
: behind the rubber. You know what to do next!

Maybe not. Icom often uses hex head setscrews. Ordinary screwdrivers won't
work. You remove them with Allen key wrenches. Not quite as obscure as the
screws used in Collins gear, but enough to befuddle the newcomer.

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

4848. Pro-2006 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-11-02 22:46:13 UTC
From: bjm@col.hp.com
Message-ID: <3994rl$9r4@hp-col.col.hp.com>
Source record: 266147

Radio Shack Pro-2006 For Sale

This is a like-new unmodified Pro-2006 complete with original box and receipt. This unit is less than 3 months old. I do not enjoy scanning as much as I thought I would. Asking $330.00 and I will pay reasonable shipping and COD charges.

I will include a RS telescoping BNC mount antenna with 90 degree adapter.

Home phone (719) 481-4823 Please do not call after 9PM Mountain Time.

Regards,

Brent Mirchandani KB0LUE
bjm@col.hp.com

4849. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-02 23:35:40 UTC
From: dcomer@dmcmicro.win.net
Message-ID: <62@dmcmicro.win.net>
Source record: 266192

The USENET police aren't happy with what they're seeing?

In article <L2cjkiubGQ$P066yn@access.digex.net>, Andy Domonkos (domonkos@access.digex.net) writes:
>In article <3947fm$c0l@usenet.INS.CWRU.Edu>, Gary Baumgarten wrote:
>>
>> What do you mean, NO NOT AGAIN! I'm I missing
>> something here.
>>
>> I mean, what's so interesting about listening to someone say
>> "give me a burrito supreme and a Pepsi"?
>>
>> Gary
>
>Listeining to fast food freq's was an overdone flame/thread a few months
>ago.
>
>Andy
>
>

4850. Re: <None>

Newsgroup: rec.radio.scanner
Date: 1994-11-02 23:54:30 UTC
From: alacy@skew.com
Message-ID: <alacy.22.0010E916@skew.com>
Source record: 266193

In article <1994Nov2.123835@clstac> emdevries@csupomona.edu writes:
>Path: csn!yuma!purdue!lerc.nasa.gov!magnus.acs.ohio-state.edu!math.ohio-state.edu!howland
.reston.ans.net!news.cac.psu.edu!news.tc.cornell.edu!loghost.sdsc.edu!nic-nac.CSU.net!clst
ac!emdevries
>From: emdevries@csupomona.edu
>Newsgroups: rec.radio.scanner
>Subject: <None>
>Date: 2 Nov 94 12:38:35 PST
>Organization: California State Polytechnic University, Pomona
>Lines: 5
>Message-ID: <1994Nov2.123835@clstac>
>NNTP-Posting-Host: pinto.is.csupomona.edu

>I would appreciate any information on Icom R-100 modifications, specifically,
>800-900 Mhz reception. I was unable to find one produced before the 1992
>scanner law went into full effect.
> Many thanks, Eugene

ftp to ftp.cdrom.com

they have a large selection of mods in the HAMRADIO dir.. (might be
/pub/hamradio)

4851. Digital Telephony Bill Editorial

Newsgroup: rec.radio.scanner
Date: 1994-11-02 23:57:48 UTC
From: feustel@netcom.com
Message-ID: <feustelCynzwD.Gpy@netcom.com>
Source record: 266194

Unanimous Nod For Wiretap Bill

[from Technology & Liberty]
[By Clark Matthews]
[in The Spotlight November 7th, 1994]

The so-called Wiretap Access Bill, S. 2375, passed at 10:30 PM. on Friday, October 7th,1994, with "the unanimous consent" of the U.S. Senate. It is likely to be signed by President Clinton by the time you read this. Two days previously, on October 5th, the U.S. House of Representatives passed the identical bill, H.R. 4922, by an overwhelming margin. There was no floor debate on the bill in either house. There was no reading of the bill. In fact, the final Senate vote happened so quickly that observers watching C-SPAN actually missed it. Nevertheless, a Senate vote unanimously passing the "Wiretap Access Bill" is recorded as having occurred at 10:30 PM, October 7,1994.

MANUFACTURING 'CONSENT'

FBI Director Louis Freeh personally visited every U.S. senator to lobby for the bill. I've even heard reports that Janet Reno accompanied Freeh for some of these little chats. Nevertheless, several senators positioned themselves to stop the vote on the bill, notably Howard Metzenbaum (D-Ohio), Edward Kennedy (D-Mass.) and Patrick Leahy (D-Vt.). All of them placed "holds" on the bill in the days before the final vote. These "holds" permitted any of them to prevent a vote and stop the bill in its tracks. But none of them did. Each of these senators received a personal visit from FBI Director Louis Freeh in the days before the senate recessed for the fall elections. and none of them exercised their right to stop the bill. So there were no objections at 10:30 pm on Friday, October 7th, only "unanimous consent." No one in the Senate voted for the Wiretap Accesa Bill (or against it). No one left any fmgerprints. Ask your senators and they'll tell you no one's responsible. We shall see. In the end, this unstoppable bill slithered silently onto the books in the contemptible tradition of the 16th Amendment, the Federal Reserve Act and many other landmark frauds and fixes that have dearly cost our country's liberty, treasury and sovereignty. Late at night and out of sight, no one was responsible for passing the bill. And no one is to blame. A few days after this grubby victory, FBI Director Louis Freeh spoke at the annual A1 Smith dinner in New York City. Flush with his success with the Wiretap bill-and with the amazing silence of key congressmen and senators after Freeh's personal visits-Clinton's FBI director compared himself favorably with J. Edgar Hoover. The audience gave up a big laugh for America's "reinvented" Hoover sans perfume, ponies, peignoirs

and roommate Clyde, of course.

DIGITAL TYRANNY

The Wiretap Access Bill, as critics call it, was uroposed by the FBI and Janet Reno's Justice Department as the "Digital Telephony and Privacy Improvement Act" of 1994. The bill took its language from the computerized features of automatic, remote-controlled surveillance and eavesdropping equipment that is now being built into America's new telephone networks to spy on citizens. Freeh's and Reno's "Privacy Improvement Act" had nothing whatever to do with improving people's privacy. Instead, it aimed at eliminating people's privacy by effectively converting citizens' telephones into remote-activated listening devices and call-tracing systems. The Wiretap Access Bill simply legalizes these surveillance devices that are already in use in large parts of our country. It also forces taxpayers to pay $500 million for them. The Wiretap Access Bill effectively eliminates the bothersome Constitutional requirement that the FBI obtain court authorization to tap your phone or bug your house through your telephones. That's because your local telephone company can't tell what the devices are doing and, therefore, can't know whether the surveillance is legal or not.

AUTOMATIC GESTAPO

You see, the new equipment is remote-activated and it's designed to be installed on the telephone network (not in phone company offices). It gathers much of the same information about your calls that your phone company does-but the FBI (or whoever) clearly doesn't want your tele-phone company to know what information it's gathering. Or how much it's gathering. So the devices run "encrypted" to conceal what they're doing from telco employees, some of whom might become alarmed by the extent of federal surveillance or start asking troublesome questions about court orders and warrants. Even if your friends at the phone company were interested in safeguarding your rights, they will probably soon discover the same fundamental truth learned by citizens in places like the Soviet Union and Nazi Germany: It's not a good idea to ask questions about court orders when it comes to secret police surveillance operations. The question of court orders for surveillance is further subverted by the bill's requirement that your local phone company provide instantaneous, contemporaneous wiretapping capabilities to the FBI. It seems our rapidly "reinvented" government wants instant gratification-it has no time for trivialities like presenting court orders. The monitoring equipment doesn't ask for a warrant before tapping your calls or bugging your office (or your bedroom). Someone thousands of miles away simply presses a few keys and the equipment just does it. They can always find a court order somewhere if they need one. Either way, no one will know what they're up to. For that matter, the equipment can do this for whomever has the "key codes" that turn on one of these devices. It doesn't even have to be the FBI.

'BLACKMAIL CENTRAL'

A few weeks ago I lapsed into histrionics on these pages on the subject of our country's new Wiretap Access Law. At the time, I asked rhetorically what kind of Congress, judges, courts and journalists we could egpect if Bill Clinton's administration succeeded in legalizing this frightful, untraceable surveillance equipment. In my opinion, this equipment poses a clear danger of transforming federal law-enforcement agencies into Blackmail Central. Or worse. I wouldn't be the least surprised to learn it has happened already-after all, these devices were designed years ago and widely installed and tested in 1992, according to reports. So I ask again now, how will we shield congress, the courts and our citizens from politically motivated blackmail and retribution now that we tagpayers are paying for undetectable, automatic federal surveillance as the law of the land? Why, we'll have a contemptible, craven and silent bunch like we had this year, of course. When your senator comes around looking for your vote this fall, remember the "unanimous consent" that passed the Wiretap Access Bill. Why not ask him or her why they liked the bill, S. 2375, so much? If they don't remember why, ask them if Louis Freeh is as funny in person as he was at the A1 Smith dinner.

--
Dave Feustel N9MYI Internet:<feustel@netcom.com>
219-483-1857 Compuserve:<73532,1747>

Every American citizen is involved in an abusive relationship. Liberals are codependents in that relationship (with the U.S. Government, in case you didn't figure it out).

4852. Re: IF in the Icom R-100?

Newsgroup: rec.radio.scanner
Date: 1994-11-03 01:24:59 UTC
From: crisp@netcom.com
Message-ID: <crispCyo3xn.C61@netcom.com>
Source record: 266196

In article <a8b_9411021159@blkcat.fidonet.org>
Hans-joergen.Strandby@f239.n109.z1.fidonet.org (Hans-joergen Strandby) writes:
>HELP
>Can someone plese help me with what the IF frequencies are in the ICOM
>R-100?????????
>

I do not have the service manual, but have been told the final IF is
455KHz.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4853. Re: <None>

Newsgroup: rec.radio.scanner
Date: 1994-11-03 01:27:26 UTC
From: crisp@netcom.com
Message-ID: <crispCyo41q.CDJ@netcom.com>
Source record: 266197

In article <1994Nov2.123835@clstac> emdevries@csupomona.edu writes:
>
>I would appreciate any information on Icom R-100 modifications, specifically,
>800-900 Mhz reception. I was unable to find one produced before the 1992
>scanner law went into full effect.
> Many thanks, Eugene

The Japanese version has a lot of holes including cellular. In the Japanes
scanner enthusiast publication, ACTION BAND, they posted a mod
to restore full coverage that involvedremoving a surface mount resistor.
Let me check to see if I can find my doc on it.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

4854. Freq ftp's

Newsgroup: rec.radio.scanner
Date: 1994-11-03 01:34:18 UTC
From: mupmw7@uxa.ecn.bgu.edu
Message-ID: <399emq$i7i@news.ecn.bgu.edu>
Source record: 266139

Can anyone tell me if there are any ftp or telnet sites for
local frequencies??? I haven't heard of anything but I'm sure
it exists somwhere....

Thanx...

--
|---|
Peter M. Woolsey, Jr. Western Illinois University
(E-mail: mupmw7@uxa.ecn.bgu.edu)
"I don't want the world, I just want your half."
-They Might Be Giants
|---|

4855. Grove Enterprises, New 800 Mhz Converter

Newsgroup: rec.radio.scanner
Date: 1994-11-03 02:02:52 UTC
From: g9153402@huey.csun.edu
Message-ID: <399gcc$lu6@nic-nac.CSU.net>
Source record: 266199

I'm looking in the November issue of Monitoring Times, and on page 8 is
a full-page ad for the ICOM R7100 for $1350 (far out of my price range).
Included with the product is a "GRE Super Converter", which they say sells
for $94, but is included free with this particular scanner. In the
picture it shows the converter mounted on top of the scanner, but my
guess is the purchaser must connect it. The converter looks like some
sort of block converter, to receive the whole 800 mhz band. I asked
before in this newsgroup whether converters where included in the
cellular ban, and it was assumed they were, unless they were some sort
of kit that the purchaser would have to put together themselves. In
which case the retailer could claim he just sold a sack of electronic
components, and it was the purchaser who made the converter.
But does anyone know where this device stands in regard to the
cellular capable ban???

Bert

4856. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-03 02:04:34 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <Cyo5rM.Axr@freenet.carleton.ca>
Source record: 266200

In a previous article, ad225@detroit.freenet.org (Gary Baumgarten) says:

>
>I never though about the fact that the carrier is on and there
>could be window to kitchen discussions going on that don't
>have to do with the ordering. Maybe it IS worth eavesdropping
>once in a while!
>
I didn't think that the carrier was on all the time. I've listened
to some McD's freq's around, but only heard anything when the sensor was
triggered at the drive thru order speaker.

Am I listening to the wrong set of freq's (low to mid 30.'s) ?, I think
I've seen some people mention 154 + , as where to listen. Could someone
help me?

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

4857. Re: Newspaper quoting traffic heard on a scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-03 03:37:04 UTC
From: scan911@aol.com
Message-ID: <399lt0$9b1@newsbf01.news.aol.com>
Source record: 266201

In article <395slm$sct@mozo.cc.purdue.edu>, mconner@rain.atms.purdue.edu (Mark D. Conner) writes:

>In an article about the Americal Eagle crash here in Indiana
>yesterday, our local paper had a quote from an Indiana State Police
>officer who was talking on the radio. He was describing something or
>other about the crash site. The article was explicit in saying this
>was ISP radio traffic.

>Isn't this illegal, even for newspapers? I was under the impression
>that the 1934 Communications Act prevented the use or publication of
>*any* radio traffic (except amateur and broadcast). Can someone quote
>me the sections out of this Act that covers this?

>BTW, this is the same paper that complained about police officers that
>used scanners to gather info about drug dealers that used cordless
>phones.

Mark,

I was a newspaper editor for 20 years. I would never let a reporter quote radio traffic off the scanner. In fact, no information should be used without verifying it first.

As to the Comm Act of 1934, it does not prohibit the publication of comms heard. It DOES, however, prohibit the use of what ones hears on the airwaves for monetary gain. One might argue that the newspaper is a for-profit enterprise and it is making money off what it hears by publishing it. The law also states that one may not divulge to others what is heard. So you kind of have two violations there. However, in all honesty, I don't think you will see anything done about it unless the police themselves complain. Even then, I'm sure not much would come of it.

Not too many newspaper editors are aware of the Comm Act of 1934.

Chuck Gysi, N2DUP
scan911@aol.com or chuck.gysi@industry.net

4858. Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-03 04:11:03 UTC
From: bseburn@vaxxine.com
Message-ID: <CyoBMG.175@vaxxine.com>
Source record: 266202

```
c > >: Why would Taco Bell have a repeater?
c > >
c > >-->> I was wondering the same thing..... Are they trying to
c > >-->> to OTHER Taco Bells in the area?????
c > >|------------------------------------------------------------
c >
c >
c > Maybe they have a fleet of trucks that need to be contacted. Pe
c > they have to deliver supplies etc from a centralized warehouse?
c >
c > I don;t think that is too uncommon..
c >

I tend to think the use of a repeater would be VERY uncommon!
Remember the previous post.. these radios only go a block or two...
I'd like to see a repeater shoot such a short distance. These are
just FM radios... low power units, nothing special. :-)

... Lawyers do it on a trial basis
___ Mountain Reader II - #Demo 001
```

4859. Order, Order

Newsgroup: rec.radio.scanner
Date: 1994-11-03 04:11:06 UTC
From: bseburn@vaxxine.com
Message-ID: <CyoBMJ.17w@vaxxine.com>
Source record: 266203

d > Personally, I don't want to have to search 10 newsgroups instea
d > one. I can tell (98% of the time) what a thread is about by loo
d > at the title. Most threads get corrupted somewhere along the li
d > the discussion turns out nothing like the subject title.But tha
d > happen no matter how you structure the newsgroup. I say leave i
d > it is.I don't want it to be reorganized. But that's just one op
d > Dave

I think I'll have to second that opinion. Scanning.. is scanning
(more or less anyway), and like you say, you can get a good idea of
whats what by looking at the subject line. :-)

Brian...

___ Mountain Reader II - #Demo 001

4860. Re: Freq ftp's

Newsgroup: rec.radio.scanner
Date: 1994-11-03 04:33:04 UTC
From: alacy@skew.com
Message-ID: <alacy.23.00158DB7@skew.com>
Source record: 266204

try FTP.CDROM.COM in the /pub/hamradio (or maybe just /hamradio)

In article <399emq$i7i@news.ecn.bgu.edu> mupmw7@uxa.ecn.bgu.edu (Peter M Woolsey) writes:>Path: csn!yuma!purdue!lerc.nasa.gov!magnus.acs.ohio-state.edu!math.ohio-state.edu!howland.reston.ans.net!gatech!psuvax1!news.ecn.bgu.edu!uxa.ecn.bgu.edu!mupmw7>From: mupmw7@uxa.ecn.bgu.edu (Peter M Woolsey)>Newsgroups: rec.radio.scanner>Subject: Freq ftp's>Date: 3 Nov 1994 01:34:18 GMT
>Organization: Educational Computing Network
>Lines: 14
>Message-ID: <399emq$i7i@news.ecn.bgu.edu>
>NNTP-Posting-Host: ecom1.ecn.bgu.edu
>X-Newsreader: TIN [version 1.2 PL2]

>Can anyone tell me if there are any ftp or telnet sites for
>local frequencies??? I haven't heard of anything but I'm sure
>it exists somwhere....

> Thanx...

>--
>|---|
> Peter M. Woolsey, Jr. Western Illinois University
> (E-mail: mupmw7@uxa.ecn.bgu.edu)
> "I don't want the world, I just want your half."
> -They Might Be Giants
>|---|

4861. Re: Indoor Antenna

Newsgroup: rec.radio.scanner
Date: 1994-11-03 04:34:39 UTC
From: paulot@cais.com
Message-ID: <paulot-0211942343420001@paulot.cais.com>
Source record: 266140

In article <398hua$l0v@tadpole.fc.hp.com>, kws@fc.hp.com (Karl Schultz) wrote:

> Radio Shack sells a small (about 3 foot) telescoping center-loaded
> antenna that simply replaces the short whip antenna the scanner originally
> came with. I think it cost about $20. It does a better job than the whip.
> I don't listen much to the 800 Mhz region.

I did use that antenna,but with a twist .I also purchased a window
mount,with two suction cups,wich has a BNC antenna connector at the top.I
just stuck it on the window in the living room and it worked great.I did
try to put it outside the window,but the antenna its not itended for
outdoor uses and it will corrode quite fast.

--
Paulo A. Teixeira "Free speech is the right to shout
N3MGA@WA3TAI.NOAM.MD 'THEATER' in a crowded fire."
Gallery's BBS 202-333-0407 - A yippie proverb

4862. Re: Need freqs for Homestead AFB air show

Newsgroup: rec.radio.scanner
Date: 1994-11-03 05:37:46 UTC
From: agoodman@scf.nmsu.edu
Message-ID: <399sva$bn2@dns1.NMSU.Edu>
Source record: 266205

Michael Fink (habu@gate.net) wrote:
: The Homestead AFB in S.Florida is having an air show this weekend and
: I could use some frequencies or suggestions on what frequencies might
: be worth trying

: Thanks Mike

: --
: |Mike Fink |Support the Right to Bear Arms |
: |Ft.Lauderdale Fl. |Gun control only affects those citizens|
: |habu@gate.net |who obey laws. |
: --

4863. Re: Need freqs for Homestead AFB air show

Newsgroup: rec.radio.scanner
Date: 1994-11-03 05:53:20 UTC
From: agoodman@scf.nmsu.edu
Message-ID: <399tsg$bn2@dns1.NMSU.Edu>
Source record: 266206

: The Homestead AFB in S.Florida is having an air show this weekend and
: I could use some frequencies or suggestions on what frequencies might
: be worth trying

Hey Mike. Guess my last post didn't work. It mentioned that I'm a newbie
to scanning. I'll add now that I'm a newbie to internet :(

Those caveats being said, try the following:

USAF Security (nationwide) = 413.450
USAF fire/crash (nationwide) = 173.5875
USAF Thunderbirds = 141.850, 322.950, 413.0, 413.025, 283.5, 322.6, 382.9

If the thunderbirds are going to be at the show, you might want to try their
freq's a day or so before the show. I've seen them many times in AZ and
NM and they usually fly in a day or so before and do a practice show.

Also, in case you haven't already done this, you might want to go to your
local radio shark i mean radio shack and pick up a copy of Police Call for
your region of the US. That's where I got these nationwide freq's, and
I'm gonna assume that your regional copy would have specific freq's for
Homestead AFB.

best,
aaron

: ---
: |Mike Fink |Support the Right to Bear Arms |
: |Ft.Lauderdale Fl. |Gun control only affects those citizens|
: |habu@gate.net |who obey laws. |
: ---

4864. Re: Cops scrambling transmission..help!

Newsgroup: rec.radio.scanner
Date: 1994-11-03 05:59:29 UTC
From: jmaio@sw
Message-ID: <jmaio.10.0016FE85@sw>
Source record: 266207

In article <CyMMqt.L28@boi.hp.com> tfisher@boi.hp.com (Tim Fisher) writes:
>Xref: sloth rec.radio.scanner:8441
>Newsgroups: rec.radio.scanner
>Path: sloth!news.sandia.gov!uunet!spool.mu.edu!uwm.edu!reuter.cse.ogi.edu!hp-cv!hp-pcd!news1.boi.hp.com!tfisher
>From: tfisher@boi.hp.com (Tim Fisher)
>Subject: Re: Cops scrambling transmission..help!
>Sender: news@boi.hp.com (Boise Site News Server)
>Message-ID: <CyMMqt.L28@boi.hp.com>
>Date: Wed, 2 Nov 1994 06:16:04 GMT
>Nntp-Posting-Host: hpbs3994.boi.hp.com
>Organization: Hewlett-Packard / Boise, Idaho
>X-Newsreader: TIN [version 1.2 PL0.9]
>Lines: 4

> Let's say I've got access to a super computer and I want to descramble the
> digital scrambled message. THEN WHAT?

> Tim

Normally, they only scramble during sensitive tactical situations, such as a drug bust, etc. For obvious reasons, they would be very interested in why you'd want to rent time on a super computer and try to do real-time digitised audio decrypting. If they are also using spread spectrum radios as well as encrypting, it would be even tougher. I'd forget it if I were you.

4865. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-11-03 06:20:33 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <CyoHMA.1D6@news.Hawaii.Edu>
Source record: 266154
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.policy

In article <crispCynA24.15s@netcom.com> crisp@netcom.com (Richard Crisp) writes:

>It is intersting (sic) that I received a telephone call from another
>person about two days before Paul's post. The caller, whose name

Ah yes, in politics that's called ``The Old Boys' Network'' - interest-
ing that it's found its way into the internet!

I'm seeing your article on rec.radio.amateur.policy - why are you
cross posting non-radio articles to here now? Are you interested in
getting licensed? If so, the exams are so simple now even you can
pass them. Email me for details.

Jeff NH6IL

4866. P-safety Comms Mailing list

Newsgroup: rec.radio.scanner
Date: 1994-11-03 06:48:00 UTC
From: boothc@kenyon.edu
Message-ID: <1994Nov3.014800.6979@kcvax1>
Source record: 266209

I found this on alt.lawenforcement and thought some of you all might
be interested in subscribing.....IMHO it seems to be more orientated to what
some of us are interested in ;)

Carter

In article <ppddgc.4.2EB67B26@uwoadmin.uwo.ca>, ppddgc@uwoadmin.uwo.ca (Dave Colvin)
writes:
> A new list for all of those involved in two-way radio communications.
>
> Thanks to Dave and Daryl for setting this up.
>
>
> **
>
> PUBLIC-SAFETY
> C O M M U N I C A T I O N S
> Electronic Mailing List
>
> ==================================
>
>
> This electronic mailing list is for the exchange of non-confidential
> information about police, fire and EMS telecommunications.
>
> Discussions concerning technical and operational issues are
> encouraged.
>
> To subscribe, send a message to "majordomo@tcomeng.com" with no
> subject and the following in the body of the note:
>
> "subscribe dispatch <your name>"
>
> Do not include quotation marks in your message.
>
> To post a message to the mailing list readership, simply send e-mail
> to this Internet address:
> dispatch@tcomeng.com
>
> Your message will automatically be forwarded to all subscribers.
>
> You can unsubscribe by sending mail to "majordomo@tcomeng.com" and
> write in the text of the message, "unsubscribe dispatch". (No
> quotes)
>

> We may be contacted by e-mail or telephone for further information
> about this mailing list.
>
> David Black Daryl Jones
> at408@freenet.carleton.ca daryl@tcomeng.com
> Voice: (415) 877-8676
> **********
>
> **********
> DAVE COLVIN
> Systems & Communications Officer/Emergency Response Team
> University of Western Ontario
> Physical Plant and Capital Planning Services Division
> Services Building, Room 120, London, Ontario, Canada N6A 5B9
> Work (519) 679-2111 ext. 8873 - Fax (519) 661-3801
> Email PPDDGC@UWOADMIN.UWO.CA
> ----------
> -Amateur Radio Operator VE3ZDC/VA3DGC
> -CANWARN Severe Weather Program Coordinator
> -Communications Officer, London Air Patrol/CASARA (Civil Air Search & Rescue
Association)
> -District Emergency Coordinator , London and Surrounding Counties
> Amateur Radio Emergency Service
> -Home (519) 680-0802
> -Packet VE3ZDC@VE3KSQ.SWONT.CA
> **********

--
Carter G. Booth
boothc@kenyon.edu

4867. Need recommendation on the pro-43 mods ...

Newsgroup: rec.radio.scanner
Date: 1994-11-03 06:53:43 UTC
From: shawr@netcom.com
Message-ID: <shawrCyoJ5K.5M7@netcom.com>
Source record: 266146
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hi all,

Anybody knows of any good shop that can do pro-43 mods? And, how much?
Thanks.

-- rich

4868. Re: Indoor Antenna

Newsgroup: rec.radio.scanner
Date: 1994-11-03 07:42:52 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov3.074252.20960@hpcvaac.cv.hp.com>
Source record: 266210

kws@fc.hp.com (Karl Schultz) writes:
:
: If you have a favorite tight low frequency range, you might try building a
: 1/4 wave antenna for that frequency. Cut two wires (18-gauge is OK)
: and run them along the wall-ceiling joint in your apartment so that one
: end of each wire meets in a corner. Run coax from your radio to the corner
: and solder the ground to one wire and the center to the other. Each wire
: is 1/4 wavelength. May not be the best set-up in the world, but is very
: cheap and rather inconspicuous.

That would make the antenna horizontally polarized, which would lose you
around 20 dB (if I remember correctly) over a properly vertically polarized
antenna.

Bill

4869. Re: Cops scrambling transmission..help!

Newsgroup: rec.radio.scanner
Date: 1994-11-03 07:45:47 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov3.074547.21067@hpcvaac.cv.hp.com>
Source record: 266211

crisp@netcom.com (Richard Crisp) writes:
: In article <1994Nov2.042216.26111@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
: >
: >If they are scrambling, it is highly unlikely that you will be able to
: >descramble it - at least, not in real time and not without a supercomputer.
:
: It depends on what kind if scrambling they are doing. If it is speech
: inversion, it is easy to crack. Other systems may be unbreakable
: from a practical perspective.

Yeah. I realized after I posted that my terminology was poor. I should have said encrypted, not scrambled. All the police encryption techniques I have run across are either digital encryption or spread spectrum. I have never heard frequency inversion used.

Bill

4870. Re: Cops scrambling transmission..help!

Newsgroup: rec.radio.scanner
Date: 1994-11-03 07:48:19 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov3.074819.21135@hpcvaac.cv.hp.com>
Source record: 266213

jwierzbicki@melpar.esys.com (John Wierzbicki) writes:
: In article <1994Nov2.042216.26111@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
: |> If they are scrambling, it is highly unlikely that you will be able to
: |> descramble it - at least, not in real time and not without a supercomputer.
:
: You will not need a supercomputer, or anything even close to a 386. Once you
: know what is being done to the audio (the hard part) you only have to "undo"
: whatever it is every 100 microseconds (at the rate of 10 kHz for 5 kHz bandwidth
: audio). Right?

If it is encrypted - wrong. You have to know the key that is being used for the encryption, which is applied to every byte of the digital signal. You also have to know the particular encryption/decryption algorithm used.

Bill

4871. Antenna help needed

Newsgroup: rec.radio.scanner
Date: 1994-11-03 08:22:00 UTC
From: scanman@cml.com
Message-ID: <39a6j8$1hk@news.compulink.com>
Source record: 266113

Can anyone suggest what kind of mobile antenna would give the optimal performance on 460Mhz? I am only interested in this one band, I am not concerned about performance on the other bands. Any help would be apprciated, thanks.

Scanman

: ComputerLink Online Inc. Realms of Despair! :
: (416)233-5410 telnet mud.compulink.com 4000 :
: 106 lines, 300-28,800 bps endless medieval enjoyment! :
: :
: Join our International Teleconference --> chat.compulink.com 9000 :

4872. Re: Need HELP selecting scanner! What's best??

Newsgroup: rec.radio.scanner
Date: 1994-11-03 09:41:24 UTC
From: JJENSEN@VAX1.MANKATO.MSUS.EDU
Message-ID: <39ab84$1tp@nitrogen.mankato.msus.edu>
Source record: 266215

In article <38kmh5$1cb@newsbf01.news.aol.com>, fire615@aol.com (FIRE615) says:
>
Radio Shack Pro-2006 if you can find one... If you don't live in a
crowded (radio-wise) area, a Bearcat will do OK... The Radio Shack
2006 is much less prone to intermod problems than the Bearcats.

4873. Best FTP sites?

Newsgroup: rec.radio.scanner
Date: 1994-11-03 12:13:39 UTC
From: dvss!jtroy@louie.udel.edu
Message-ID: <941103.071339.3m2.rusnews.w165w@dvss.UUCP>
Source record: 266152
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.policy

Which are the best radio/ham/mods/freqs/etc FTP sites?

--
Jay Troy Delaware Valley Solution Systems, Inc.
Computing Solutions for Business and Industry
P.O. Box 190 // Claymont, DE 19703 // (302)798-DVSS
Internet: ...!udel.edu!dvss!jtroy (jtroy@dvss.UUCP)

4874. Re: Grove Enterprises, New 800 Mhz Converter

Newsgroup: rec.radio.scanner
Date: 1994-11-03 12:35:12 UTC
From: bkobb@newsignals.com
Message-ID: <netnewsCyoyyp.C6q@netcom.com>
Source record: 266219

>>>I asked before in this newsgroup whether converters where included in the cellular ban, and it was assumed they were, unless they were some sort of kit that the purchaser would have to put together themselves. But does anyone know where this device stands in regard to the cellular capable ban??? <<<

It is not assumed - it is fact. 47 CFR 15.121 (a) reads:

"...(S)canning receivers, and frequency converters designed or marketed for use with scanning receivers, must be incapable of operating (tuning), or readily being altered by the user to operate, within the frequency bands allocated to the Domestic Public Cellular Radio Telecommunications Service in Part 22 of this Chapter (cellular telephone bands). ..."

Armchair engineers and attorneys will likely flame this message, pointing out for example that the Domestic Public Cellular Radio Telecommunications Service is a term no longer used and that its current official name is the Cellular Radiotelephone Service (so have it your way) or that you can still buy converters, thus the law is invalid -- or other assorted hooey.

The FCC said that the Telephone Disclosure and Dispute Resolution Act (TDDRA) - the otherwise unrelated legislation to which the cellular industry attached this ban, parasite-like - left the FCC "no choice but to adopt" a ban on cellular freq converters as well as scanners. Like Dave Barry, "I am not making this up." (Report & Order, ET 93-1, FCC 93-201, April 22, 1993 at 11.)

Yes, I know Section 15.121 (b) allows scanners and converters that are "manufactured exclusively for, and marketed exclusively to," exempted entities (law enforcement, federal customers) to be sold. The average scanner monitor does not come under this category.

Like they say downtown - Yo, deal with it.

Bennett Z. Kobb KC5CW
Editor and publisher
Spectrum Guide
Washington D.C.

4875. Wanted N.S.(Canada) frequency's

Newsgroup: rec.radio.scanner
Date: 1994-11-03 13:13:04 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Nov3.090844.1@cad3.uccb.ns.ca>
Source record: 266220

Hi:
I'm looking to swap freq's with anyone in eastern Nova Scotia!
Hoping to hear from someone....
Ron
rling@cad.uccb.ns.ca

4876. Re: Radio ratings by monitoring car recievers?

Newsgroup: rec.radio.scanner
Date: 1994-11-03 13:14:01 UTC
From: caldwe33@futures.wharton.upenn.edu
Message-ID: <39anmp$a61@netnews.upenn.edu>
Source record: 266153

Yes this can work, on a limited basis for FM radios in the states.

I work for a radio station in Philadelphia at 100.3 If you have a scanner or amateur radio in your car tuned to 444.000, you will notice signals come and go as cars pass you by if they are listening to 1003. My radio in my car, however, does not emit the same signal. Some radios are better than others at blocking emmission of the if/frequency.

If your interested, 100.3+10.7 X 4 = 444.000.

Sean

4877. Cell Sites in N.S.(Canada)???

Newsgroup: rec.radio.scanner
Date: 1994-11-03 13:16:32 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Nov3.091245.1@cad3.uccb.ns.ca>
Source record: 266221

Hi:
I'm looking for the Cell Site locations in Cape Breton..
I know most of them and just need System A.
Ron
rling@cad.uccb.ns.ca

4878. Uniden/BC 560XLT Antenna

Newsgroup: rec.radio.scanner
Date: 1994-11-03 14:24:21 UTC
From: j_norfleet@cornell.edu
Message-ID: <j_norfleet-0311940924210001@132.236.178.12>
Source record: 266155

Hi there:

I just got my hands on a uniden 560xlt 16 channel mobile unit.
If you are familiar with the unit (or most other small uniden
units) you know that the antenna connection is less than standard.
So the question is how do modify this non-standard antenna jack to
receive the BNC connector from my previously installed mobile antenna?
Or can I just get an adapter for it? None of the stores I've
called have a clue.

Thanks for the help.

later...
justin
--
Justin P. Norfleet
Cornell University
jpn1@cornell.edu

4879. Re: SmartZone trunking?

Newsgroup: rec.radio.scanner
Date: 1994-11-03 14:30:10 UTC
From: rshepard@interaccess.com
Message-ID: <39as5i$n0g@nntp.interaccess.com>
Source record: 266158

Peter Laws (plaws@comp..uark.edu) wrote:
: rshepard@interaccess.com (Robert E. Shepard) writes:

: >Smartzone Trunking, is sort of like multiple trunking systems linked together
: >to cover a large area. The big difference is that a channel assignment does
: >not necessarily mean that any two mobile are on the same freqency/channel.

: Nice explanation ... A keeper ...

: >And yes there are quite a few in the US Public Safety Arena. The State of
: >Michigan is in the process of converting over to a Statewide Smartzone/Astro
: >Digital Backbone. However, this system will be under construction over the
: >next several years.

: The Arkansas State Police have a statewide SmartZone (I thought they were
: called SmarTone ...). Very nice system.

: >Good Luck Following These Conversations :)

: Au contraire. The system here (I don't know if this applies elsewhere -
: BatWing trunking systems are known for their "reconfigurability") is set
: so that the data channel never rotates and the groups are assigned to
: frequencies in a logical manner. Very easy to listen to (for a trunked
: system). And with more and more SOs switching from 37 MHz to the ASP
: system, it's getting *easier* to listen to law enforcement.

: Peter Laws,
: Associate Editor - Arkansas,
: RCMA _Scanner Journal_,

: Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
: n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

:)
Ok , I will try not to take that pesonally :). I was trying to keep the
explanation short and general. You are correct, the Motorola systems can
be reconfigured rather quickly especially Smartzone. And in regards to
Smartzone in particular, one systems configuration does not mean that the
next will be just like it. Smartzone does not have to be a statewide
system either, it could be local or county. They are typically more
suited for large area coverage, using multiple control channel
frequencies throughout the coverage area. Every site in the system does
not have or need to have the same frequencies either. The zone
controller will connect talkgroups together via whatever channel resource
it has. If for example talkgroup 002 has mobiles in 3 out of 5 site
coverage areas, the Zone Controller will only assign channels in the
three zones. So if you were monitoring one of the 2 zones that did not

have mobiles on talkgroup 002, you would not hear any of their (TG 002) conversation.
It would take a large book to descibe all the possible configurations available with Smartzone. Which is why I kept the first response short.
For the purpose of monitoring, do what you always do when monitoring a trunked system.
:)

4880. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-03 14:49:52 UTC
From: dxk21@po.cwru.edu
Message-ID: <dxk21.121.2EB8F890@po.cwru.edu>
Source record: 266160

In article <398cct$j3e@detroit.freenet.org> ad225@detroit.freenet.org (Gary Baumgarten) writes:

>I never though about the fact that the carrier is on and there
>could be window to kitchen discussions going on that don't
>have to do with the ordering. Maybe it IS worth eavesdropping
>once in a while!

some of the more "sophisticated" joints will have two windows... one
for paying and one for picking up food. Sometimes the people in both
those windows have a headset on, or maybe there's two people working the
drive through and they each have a set on. When this is true, their
conversations back and forth (and not out to the speaker) can be interesting.

dk

4881. Re: Need mod for signal meter and 2006

Newsgroup: rec.radio.scanner
Date: 1994-11-03 14:55:41 UTC
From: zlau@arrl.org
Message-ID: <1994Nov3.145541.13489@arrl.org>
Source record: 266222

Gene Maletta (gene@mcs.com) wrote:
: I have a Pro2006. I heard their was a mod that you can connect a signal meter
: to this radio. If so I want it.. All replies will be greatly appreciated. If
: you have any other mods they would also be greatly appreciated.... Thanks

Many of the IC chips used for FM detection have a pin for indicating
the signal level. Often, all you need to do is measure the current coming
out of the pin.

So, if you can look up the chip in a suitable data book, it shouldn't
be that difficult. The people who make celluar phones require this
feature--I'd expect even the newest chips to have it available. This
feature has been standard a long time--even early chips like the LM3089
have it.
--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

4882. FOR SALE: Realistic PRO-2025 Mobile Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-03 15:14:21 UTC
From: medic@connix.com
Message-ID: <39auod$1m7@comet.connix.com>
Source record: 266034

****** FOR SALE: Realistic (Radio Shack) PRO-2025 Scanner ******

- Frequency Range: 33 - 54 Mhz (VHF Lo; Amateur 6M Band)
138 - 174 Mhz (VHF Hi; Amateur 2M Band)
380 - 510 Mhz (UHF Lo/Hi; Amateur 70cm Band)

- Unit in very good condition and never abused.
- Reliable and dependable.
- Includes mobile bracket.

Asking $75...payment by money order or COD (no checks please...)

--
=-=-=-

4883. Re: pro-2026

Newsgroup: rec.radio.scanner
Date: 1994-11-03 15:16:09 UTC
From: jeffpmil@aol.com
Message-ID: <39aurp$jqc@newsbf01.news.aol.com>
Source record: 266223

I like mine too

EXCEPT

the UHF pagers (grind groan grind) blow the UHF med channels and local
fire dept right off the scanner.

Anyone have a fix for this besides de-sensing the radio?

The intermod is VERY strong.

Public/private okay

Be seeing you,
No. 6

4884. CHEAP, EASY DTMF DECODING ON A PC

Newsgroup: rec.radio.scanner
Date: 1994-11-03 15:28:29 UTC
From: fd@wwa.com
Message-ID: <39avit$5bh@sashimi.wwa.com>
Source record: 266102
Cross-posted to: alt.radio.scanner,rec.radio.scanner

If you have a modem that does voice processing... (I got one, 1.44 fax/data/
voice for $127)... you can program it to decode DTMF... in REAL TIME...

Give it the following commands:

AT#CLS=8
AT#VLS=1

Now, any audio coming in the phone (not the line jack) will have the DTMF
decoded and display in the comm program. Just punch the buttons on your
phone and see them. Wire in the audio from your scanner or tape recorder
and see those dtmfs... you probably want to go though an 8 ohm to 1k ohm
audio transformer... you might pick it up straight from the phone mouth-
piece as well.

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback?
email for uuencoded .TIF of T-Shirt Honoring the FBI
Remember, fd _IS FOR_ Full Disclosure!

4885. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-03 15:50:27 UTC
From: domonkos@access.digex.net
Message-ID: <1TFkkiubG--G066yn@access.digex.net>
Source record: 266125

In article <393dpt$7sf@detroit.freenet.org>, Gary Baumgarten wrote:
>
> Why would anyone want to monitor fast food drive through
> frequencies? I can't imagine the conversations being that
> interesting.
>
> Gary
> --
> Gary Baumgarten
> ad225@detroit.freenet.org

The less interesting one's personal life, the more interesting fast-food orders are ? :-)

Beats me...

Andy

"uh, you want fries with that?"

4886. PRO-51 scanner for sale

Newsgroup: rec.radio.scanner
Date: 1994-11-03 16:25:51 UTC
From: av@lns62.lns.cornell.edu
Message-ID: <00986E96.1F7300C0@lns62.lns.cornell.edu>
Source record: 266126

I have a Realistic PRO-51 200-channel hand-held scanner for sale.
It is about 5 months old, comes complete with box and original packing, rubber duck, manual, and belt clip.

I'm asking for $175 or best offer. Shipping and price negotiable.

Al Venooker

---
^If one can / Alan Venooker N2MPD,SAC,ASEE,BLS,LSMFT
/ \ toucan! / Home address: 302 Woodgate Lane, Ithaca, NY 14850-8773
/0 0\ / Home phone: 607-277-4729 >6PM EDT
/ - \ / Lab phones: 607-255-4882(page), 607-255-4948(ofc) 8-4 EDT
/ ___/ \ / Lab address: Cornell University, Lab of Nuclear Studies
/ \ / Wilson Synchrotron, 694 Dryden Rd, Ithaca, NY 14853-8001
/ BigAl v E-mail: av@lns62.lns.cornell.edu, av15@cornell.edu

4887. Re: What is a CTCSS atatchment?

Newsgroup: rec.radio.scanner
Date: 1994-11-03 17:11:04 UTC
From: lance_lee@smtp.svl.trw.com
Message-ID: <lance_lee-0311940911020001@m42019.svl.trw.com>
Source record: 266119

In article <38rbi6$cpa@nermal.cs.uoguelph.ca>, dretzik@uoguelph.ca (David Retzik) wrote:

> I believe that is what it is called anyway. Someone suggested to me to
> use one to override computer generated tones between transmissions of
> local police. Can someone help me with this? Can I get one for my pro-43?
>
>
> Thanks in advance
>
> Dave
>
> dretzik@uoguelph.ca

It's 11/3/94 and still no replies!? I think CTCSS is short for "control tone coded squelch system" which involves a transmission including a subaudible tone which allows the squelch/receiver to open only when it "hears" the subaudible tone. It is also known as a "PL" which is a trade mark/name which stood for "private line". Otherwise, any other transmission, on the same frequency, is ignored.

You might try calling one of the AMATEUR ELECTRONIC SUPPLY (AES)stores. The main store is:

AES
5710 W. Good Hope Road
Milwaukee, WI 53223 USA
414.358.0333
414.358.3337 FAX
800.558.0411 toll free

They seem to have two products which offer CTCSS "decode". The brand is COMMUNICATIONS SPECIALISTS and the model numbers are:

TS-32P ($57.95) or DTD-1 ($59.95).

I don't the differences between the two models or how they would be wired to a scanner. They come as a pre-assembled circuit board ready to "hard-wire" into a receiver (or transceiver).

Alternatively, but check me on this, I believe the ICOM R-1 scanner/receiver may have the option available (UT-50). If there's someone out there who really knows if the R-1 accepts a standard ICOM pl board, please let us know.

Other scanners known to have the option are:

UNIDEN BC760XLT option (BC025)*
890XLT (BC002A)*
8500XLT (BC005)*
(*refs. from the SCANNER WORLD catalog and their phone no. is: 518-436-9606)

Good luck.

--
Lance Lee, KD6DMR
Sunnyvale, California USA
lance_lee@smtp.svl.trw.com
(408)743-6304 FAX
(408)752-2872

4888. Re: Cops scrambling transmission..help!

Newsgroup: rec.radio.scanner
Date: 1994-11-03 17:20:58 UTC
From: jwierzbicki@melpar.esys.com
Message-ID: <CypC6y.IHK@melpar.esys.com>
Source record: 266095

In article <1994Nov3.074819.21135@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
|> jwierzbicki@melpar.esys.com (John Wierzbicki) writes:
|> : In article <1994Nov2.042216.26111@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
|> : |> If they are scrambling, it is highly unlikely that you will be able to
|> : |> descramble it - at least, not in real time and not without a supercomputer.
|> :
|> : You will not need a supercomputer, or anything even close to a 386. Once you
|> : know what is being done to the audio (the hard part) you only have to "undo"
|> : whatever it is every 100 microseconds (at the rate of 10 kHz for 5 kHz bandwidth
|> : audio). Right?
|>
|> If it is encrypted - wrong. You have to know the key that is being used for
|> the encryption, which is applied to every byte of the digital signal. You
|> also have to know the particular encryption/decryption algorithm used.
|>
|> Bill

The article I replied to said "If they are scrambling...". If it had said "..encrypted..", I would not have replied to disagree. Just want to clarify.

John L. Wierzbicki --- jwierzbicki@melpar.esys.com
****
* "The very atmosphere of firearms anywhere and everywhere restrains *
* evil interference - they deserve a place of honor with all that's *
* good." ------- George Washington *
* *
****

4889. Re: Radio ratings by monitoring car recievers?

Newsgroup: rec.radio.scanner
Date: 1994-11-03 17:26:21 UTC
From: wierz@flamingo.cad.melpar.esys.com
Message-ID: <CypCFy.ILw@melpar.esys.com>
Source record: 266108

In article <39anmp$a61@netnews.upenn.edu>, caldwe33@futures.wharton.upenn.edu (Sean Caldwell) writes:
|>
|> Yes this can work, on a limited basis for FM radios in the states.
|>
|> I work for a radio station in Philadelphia at 100.3 If you have a
|> scanner or amateur radio in your car tuned to 444.000, you will notice
|> signals come and go as cars pass you by if they are listening to 1003.
|> My radio in my car, however, does not emit the same signal. Some radios
|> are better than others at blocking emmission of the if/frequency.
|>
|> If your interested, 100.3+10.7 X 4 = 444.000.
|>
|> Sean
|>
|>

Last time I checked, 100.3 + 10.7 x 4 = 143.1 .

John L. Wierzbicki --- jwierzbicki@melpar.esys.com
****
* "The very atmosphere of firearms anywhere and everywhere restrains *
* evil interference - they deserve a place of honor with all that's *
* good." ------- George Washington *
* *
****

4890. Re: AOR AR8000 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-03 18:03:11 UTC
From: perryp@iia.org
Message-ID: <39b8kv$ud@ankh.iia.org>
Source record: 266026

Leonard G Sims (lgs@midland.co.nz) wrote:
: I just received my AOR AR8000 from EEB after waiting approximately two
: months from the date the order was placed with them.

: It's well worth the wait - seems to do everything better than ANY other
: scanner I have and these include an AOR AR3000 and a Yupiteru MVT7100.
: There are many more scan and programming options and it seems to be
: more sensitive than the Yupi on the supplied rubber duck antenna (I use
: an external amplified antenna on the AR3000 so cannot directly compare
: it although AM VHF reception at around 100MHz seems almost as good on
: the AR8000/rubber duck as the AR3000/amplified antenna). The audio
: quality is also better than both other receivers.

: Anybody else out there care to compare notes or advise on where to
: obtain the computer interface and software?

Funny but I find that the rubber antenna with the AR8000 is almost a
dummy load. I have a lot of other antennas that are better.

As for the quality of the radio, I don't agree. I think they are both
pretty good. The Yupi receives SSB signals much better (more sensitive
and clearer) than the AR8000. That is HF SSB signals.

Overall I think they are both fine radios with each one having some
strengths over the other.

4891. PD's violating rights by scrambling?

Newsgroup: rec.radio.scanner
Date: 1994-11-03 18:20:20 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1994Nov3.182020.15661@news.csuohio.edu>
Source record: 266127

My brother, a scanner enthusiast, posed an interesting question.

We as citizens, have the legal right to sit in on court proceeding
to see what goes on. What if the people in the case suddenly decided
to start speaking in a language that was foreign to us? Would the
court be violating our right to understand, in English, what
is going on in the court room that day?

Thus:

We are legally allowed to listen (via scanner) to what's happening
over the air as police go about their daily business. If they
suddenly decide to scramble their transmissions, would the casual
listener then have any grounds for saying his rights are being
violated by being denied the opportunity to hear what the
police (as servants to the public) are doing?

It's obvious that the PD can transmit their traffic in any
fashion they see fit (simplex, repeater, trunked, scrambled, clear)
so from a common sense standpoint, the answer is "NO", you don't
have a legal leg to stand on.

But why?

I am sure this has been debated to death before.

Mike
--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

4892. Re: Order, Order

Newsgroup: rec.radio.scanner
Date: 1994-11-03 18:21:46 UTC
From: kjn@netcom.com
Message-ID: <kjnCypF0B.GBp@netcom.com>
Source record: 266124

Paul Cordingley says:
" Is there a usenet guru out there who can explain exactly how to
" start a reorganization of scanner-related newsgroups? Do we circulate
" a petition? Is there a body that approves new discussion groups? To whom do
" we address our views? Is there a voting process?

Take a wander over to the USENET group, news.groups
Frequently there is a posting titled, "Creation of new newsgroups".
It lists the procedures to be followed. Namely:
propose the name for the new group.
write the charter/purpose.
call for discussion in new.groups
a vote taker will be identified
call for votes. Must meet the following criteria:
must have at least 100 votes
must have 100 more Yea votes than Nay votes.
2/3 of all votes must be Yea.
if it passes, 2 weeks later the new group will be formed.

" PS: While I'm on my soapbox, my personal opinion of what to do is:
" Establish a new newsgroup limited to exchange of technical information -
" eg VHF/UHF radio theory, transmission line and antenna theory,
" monitoring techniques, information on how UHF/VHF systems work
" and how they are used. Discussion of *NEW* equipment and modifications would
" be acceptable, as would listing of *NEW* or topical frequencies....
" but those seeking well-documented information on freq's, mod's
" or 'old' equipment would be politely referred to FAQ's or FTP sites.
" The existing alt. and rec. scanner groups would remain for far-reaching
" discourse on other topics just as they are used now.

A lot of the topics you've identified already exists in the various rec.ham
groups or here. One of the real problems is that when people place
followup posts that diverge from the original thread, they don't fork the
thread. Instead, they just keep it running with the same topic rather than
renaming the subject. Consequently we get one thread that starts with
something like "S meter mod doesn't work on PRO-2006". Later someone else
takes the opportunity to bash RS gear and doesn't change the subject
name. Later others respond to the `bashing' thread and the discussion
wanders WAY off topic.

This has become a problem when newer net users join enmasse and jump in
on discussions without having the benefit of experience with the group.
Much of the complaints about duplicate postings to alt/rec.scanners
(as well as the one's you've mentioned) could be eleminated or greatly
reduced if alt/rec.radio.scanners had a comprehensive FAQ to offer

guidelines as to how the group has been functioning, why the different groups, what is appropriate for each group, when to fork threads, proper attire/weapons/salves for flame wars, etc.

I too, disagree that we need more than the two groups dedicated to monitoring. What we *do* need is a bit more disclipine in the use of the groups. Many of the (valid) criticisms of the users of the two groups could be corrected with an informative FAQ.

Regards;

" ... VHF - Very Heated Flaming UHF - Ultimately Heated Flaming
" --- Blue Wave/QWK v2.10
--
Ken Navarre

4893. Cordless Scanner Law Is Banned

Newsgroup: rec.radio.scanner
Date: 1994-11-03 18:41:30 UTC
From: kjn@netcom.com
Message-ID: <kjnCypFx6.I6v@netcom.com>
Source record: 266118

Was: "Cordless Scanner Ban Is Law"

Sorry, but I couldn't resist when I misread the other subject header.
Wouldn't *that* make a great headline though... in this age of greater
restrictions upon the general public? !!

How refreshing it would be to have some government agency reaffirm the
responsibility of the users of convenience technology instead of upon
everyone else! But nooooo... our esteemed legislators constantly pursue
simplistic, attention getting, methods to make it _seem_ that they solved a
problem when, in fact, they have done nothing but erode some of the rights
of the public at large.

If they wanted to REALLY protect the privacy of individuals using
cordless/cellular technology then require the *manufacturers* of the
equipment to install sophisticated encryption devices on every phone.

The problem is that they really don't want to solve the privacy issue at
all. They give the appearance of *privacy protection* without incurring the
warth of the money boys in "Big Business". If REAL privacy were available
the DOJ (Dept. of Justice) might want a univeral key (read Clipper Chip)
to allow _them_ access if they want to listen in...

Naw... that'd never happen.
Would it?

Regards;
--
Ken Navarre

4894. Re: CHEAP, EASY DTMF DECODING ON A PC

Newsgroup: rec.radio.scanner
Date: 1994-11-03 18:43:57 UTC
From: kjn@netcom.com
Message-ID: <kjnCypG19.IFD@netcom.com>
Source record: 266116
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Glen L. Roberts says:
" If you have a modem that does voice processing... (I got one, 1.44 fax/data/
" voice for $127)... you can program it to decode DTMF... in REAL TIME...

" Give it the following commands:

" AT#CLS=8
" AT#VLS=1

Great tip!
Thanks.
--
Ken Navarre

4895. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-03 18:47:46 UTC
From: Bill McCall <70003.4300@CompuServe.COM>
Message-ID: <39bb8i$on4$2@mhade.production.compuserve.com>
Source record: 266129

"Why would anyone want to monitor fast food drive through
> frequencies? I can't imagine the conversations being that
> interesting."

Given the fact that the average IQ of a fast food drive-thru order taker is about 36, it might be nice to be able to hear the moron screw up your order so that you can correct it when you get to the pick up window. This would shorten the time it takes to double check the order before you drive away, therefore making the line go faster for everyone. Hows that for a reason? I haven't done this, but its lunch time and I am speculating.

By the way, of course not every fast food employee is an idiot, it just seems that way.<g>

--
Clowns to the left of me, Jokers to the right, here I am stuck in the Internet with you!

4896. Need Information on Uniden MR8100

Newsgroup: rec.radio.scanner
Date: 1994-11-03 19:17:44 UTC
From: neil@lynx.dac.neu.edu
Message-ID: <39bd0o$kg3@chaos.dac.neu.edu>
Source record: 266030

I am looking for information on the Uniden MR8100A Scanner. I have recently purchased this scanner and like it because of the alphanumerics. It does cover 800 mghtx but only holds 100 channels and must be programed for alphanumerics by hooking it up to computers serial port. Has anyone attempted to modify this scanner to have the ability to search up and down frequencies? If anyone has information on mods for this scanner please Email me. Also what s stores are selling these and what is the going street price on these?

Thanks.

4897. Re: Local shack (Re: Radio Shack sour grapes?)

Newsgroup: rec.radio.scanner
Date: 1994-11-03 19:30:17 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Nov3.143017.3046@hnrc.tufts.edu>
Source record: 266120

In article <826f_9915f628@cpubbs.cuug.ab.ca>, jason@cpubbs.cuug.ab.ca (Jason Low) writes:
> > Hmm.. Interesting story about he non-transmitting scanner.
> > Definately wasn't
> > at the one I work at part-time.
>
> A non-=transmitting= scanner? I missed the earlier parts of this thread,
> must've been a good one.. :)
>
> Maybe that's what I'll do when I take in my [near-dead] PRO-44 this week for
> the local shack's "Fall-Fixit Sale" [bring in anything even remotely like a
> Radio Shack electronic product, they'll fix it for a set price agreed on by you
> and the manager, plus $10].. "Yeah, this scanner doesn't transmit anymore.."

Why plus $10? Is that the VAT at work?
Does US RS have such gala extravaganzas?

4898. optoscan & probe

Newsgroup: rec.radio.scanner
Date: 1994-11-03 19:49:36 UTC
From: jthomas@hookup.net
Message-ID: <jthomas.22.001ECF19@hookup.net>
Source record: 266032

Today in the mail I got an add for software for the optoscan 456. It is called probe and is suspose to be out of this world!! Does any one have any experience with it or know iif it will do a better jop than scan star 3.44 ??

What I read sounds good but you hate to spend money on somthing you no nothing about. It sells for 99.95 and if you order it now you save $20.00.

Send me any notes about software for the opto, I've tried radio manager in windows good program but real slow and slows down your other applications.

tnx Jim VE3TEJ jthomas@hoookup.net

4899. PRO-23 for sale

Newsgroup: rec.radio.scanner
Date: 1994-11-03 20:16:12 UTC
From: Lee_Hines@smtp.svl.trw.com
Message-ID: <Lee_Hines-0311941216120001@m11003.svl.trw.com>
Source record: 266029

I'll try again. PRO-23 for sale, mod'ed for cellular. Comes with AC
adaptor, NiCads, and manual. Asking $150.00.

--
Lee Hines - Builder/Owner
Gator's Golf

Views expressed here are not necessarily those of my employer.

Go Gators - '91&'93 SEC Champs
Go Dolphins
(FSU.....just go away)
Friends don't let friends go to Florida State.
Work is for people who don't fish, hunt or play golf.

4900. Re: Police Mods

Newsgroup: rec.radio.scanner
Date: 1994-11-03 21:08:47 UTC
From: "Brent M. Combs" <combsb@ucs.orst.edu>
Message-ID: <39bjgv$abh@gaia.ucs.orst.edu>
Source record: 266122

> I was driving on the 401 in Toronto, many years ago, and passed either
> a Toronto or an OPP patrol car. There was a loud, pulsating squeal on my CB,
> and I wondered if it wasn't some kind of jamming signal. I'd be interested,
> too, to see if there was a mod out there to get rid of it.
> Pete Womack.
>
This is not some sort of expensive jamming signal. First of all, the FCC would never allow such a device for such purposes.

More than likely, as you passed the car the officer happened to transmit. Anytime your right next to a transmitter like that (probably 100 watts or more), it's going to blow your radio away--front end overload on the receiver. If the receiver is of poor quality, and this continued long enough, it could damage the receiver.

And no, there is no mod to get rid of it other than a handy power switch to turn it off. There are some other factors involved, it isn't quite that simple. There are some things that can be done to reduce the effect (i.e.--adjacent channel rejection, etc.) if the receiver is "over sensitive" to this type of problem. But when you are right next to a transmitter of that power, there's no way to avoid it. Even commercial grade receivers have this problem to some extent.

Have you ever heard an officer notify his/her dispatcher that he/she just set off a car alarm? This is why. The transmitter was keyed up right next to the car. Like I said, it's not quite as simple as that.

4901. Re: *** Q: WHAT KIND OF PEOPLE ON THE NET ?

Newsgroup: rec.radio.scanner
Date: 1994-11-03 21:24:59 UTC
From: wierz@trillian.cad.melpar.esys.com
Message-ID: <CypnHn.Mo3@melpar.esys.com>
Source record: 266133

In article <39b58g$d3i@anemone.saclay.cea.fr>, cisitm@albert.cad.cea.fr (Pierre Didierjean) writes:
|> I'd like to know what kind of people i find on the net.
|>
|> Students, Commercials, Adminitrations, Scientifics or what ??
|>
|> Is anybody knows that or have statistical results ?
|>
|>
|> What are YOU doing in life ?
|>
|> I am a system administrator.
|>
|>
|> Thanks for the answers and sorry for my english .....
|>
|>
|>
|> Bye
|>
|>
|> +---+
>	Pierre DIDIERJEAN
>	
>	Administrateur Systeme UNIX
>	Cisi, Aix-en-Provence
>	France
> +---+
>	email : cisitm@albert.cad.cea.fr
> +---+

$TEMPA = 'People who expect to read something about '
$TEMPB = 'in all posts to'

TEMPA scanners TEMPB alt.scanner.
TEMPA scanners TEMPB rec.radio.scanner.
TEMPA country music TEMPB rec.music.country.western. =;^)

John L. Wierzbicki --- jwierzbicki@melpar.esys.com
****
* "The very atmosphere of firearms anywhere and everywhere restrains *
* evil interference - they deserve a place of honor with all that's *
* good." ------- George Washington *
* *
****

4902. Re: Pro-2006 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-11-03 21:55:07 UTC
From: cc@sdf.saomai.org
Message-ID: <Cypovy.Ct5@sdf.saomai.org>
Source record: 266121

In article <3994rl$9r4@hp-col.col.hp.com> bjm@col.hp.com (Brent Mirchandani) writes:
>
>Radio Shack Pro-2006 For Sale
>
>This is a like-new unmodified Pro-2006 complete with original box and receipt.
>This unit is less than 3 months old. I do not enjoy scanning as much as I
>thought I would. Asking $330.00 and I will pay reasonable shipping and COD
>charges.
>
>I will include a RS telescoping BNC mount antenna with 90 degree adapter.
>
>Home phone (719) 481-4823 Please do not call after 9PM Mountain Time.

RS has them on sale for $350, start a account and get 10% off that.
So for $320 you get a new one with a warranty.

--
ARPAnet: cc@sdf.saomai.org ..!uunet!saomai.org!cc

4903. Re: R7100 tuning knob remobal was Re: Open Letter

Newsgroup: rec.radio.scanner
Date: 1994-11-03 22:31:47 UTC
From: dseitel@crl.com
Message-ID: <39bocj$ca1@crl3.crl.com>
Source record: 266088
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Ken Navarre wrote:

> Sucker just won't come off... Oh well...

Well, I called Icom tech support. They told me that the set screw
is a hex screw. I looked again, and it looks circular to me--not
hexagonal.

I guess I'll call my optometrist next...

David S. Eitelbach
dseitel@crl.com

4904. Re: US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-03 23:47:58 UTC
From: rdale@nyx10.cs.du.edu
Message-ID: <39bsre$s9d@nyx10.cs.du.edu>
Source record: 266134

I'm kind of wondering why this is in rec.radio.scanner?

Rob

4905. Re: PRO-43 Cases??

Newsgroup: rec.radio.scanner
Date: 1994-11-04 00:52:46 UTC
From: "Gregory yea... you can call me Greg" <gregmason@delphi.com>
Message-ID: <hs-VrHO.gregmason@delphi.com>
Source record: 266135

peter arebalo <petea@col.hp.com> writes:

>Although I saw a recent thread on cases for the PRO-43, I didn't own one
>at the time and am now in the need of a case. I would prefer something
>light and not to bulky. Can someone make a recommendation???

call 1-800-72-POUCH They make a nice, simple Neoprene/nylon case... I'm
very happy with mine

4906. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-04 03:24:28 UTC
From: cremer@delphi.com
Message-ID: <9411032223591.DLITE.cremer@delphi.com>
Source record: 266136

K. M. Wong asks;

>Why would Taco Bell have a repeater?<

Taco Bell has many repeaters, just try the bean burrito! ;>

4907. Re: Calif. Cellular Telephones: Price =

Newsgroup: rec.radio.scanner
Date: 1994-11-04 03:24:42 UTC
From: cremer@delphi.com
Message-ID: <9411032223592.DLITE.cremer@delphi.com>
Source record: 266031
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

>The problem is you're being forced into these deals, in which often
>the only one really benifitting from some of the onerous contracts
>are the cellular retailers. How would you like it if grocery stores
>started to demand that if they're going to sell you groceries at
>a reasonable price, that you must sign a contract saying you will
>shop there for at least a year and agree to buy so much. And if
>you don't you'll be charged an early termination fee of several
>hundred dollars? People would be up in arms if this was the case
>with grocery stores, but this is what is happening with cellular
>retailers, but is far worse if you really knew what they were up to.

Ahem, you've just described a Co-Op. There are thousands of them all over
the country. For groceries, heating and motor fuel, for farm equipment and
for lots of other "quantity buying" deals. I ain't heard no screaming.

4908. Re: US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-04 03:57:08 UTC
From: jmaio@sw
Message-ID: <jmaio.12.0014F46D@sw>
Source record: 266137

In article <398d6a$f5s@news1.digex.net> domonkos@access4.digex.net (Andy Domonkos) writes:
>Xref: sloth rec.radio.scanner:8449
>Path: sloth!tesuque.cs.sandia.gov!ferrari.mst6.lanl.gov!nntp-server.caltech.edu!netline-fddi.jpl.nasa.gov!nntp.et.byu.edu!news.byu.edu!hamblin.math.byu.edu!sol.ctr.columbia.edu!howland.reston.ans.net!news.sprintlink.net!EU.net!uunet!news1.digex.net!access4!domonkos
>From: domonkos@access4.digex.net (Andy Domonkos)
>Newsgroups: rec.radio.scanner
>Subject: US Troops fire on US citizens?
>Date: 2 Nov 1994 16:02:18 GMT
>Organization: Express Access Online Communications, Greenbelt, MD USA
>Lines: 55
>Message-ID: <398d6a$f5s@news1.digex.net>
>NNTP-Posting-Host: access4.digex.net
>X-Newsreader: TIN [version 1.2 PL2]

>[Article crossposted from alt.conspiracy]
>[Author was an147006@anon.penet.fi]
>[Posted on Fri, 28 Oct 1994 03:11:46 UTC]

> Gov. polling troops on whether they'd fire on fellow Americans!!!

> Info from the Nov. 1995 issue of GUNS magazine vol.40 no.11-479
> page 32 article by Massad Ayoob (a mega-name in the gun world for
> those of our un-armed a.c. readers)

> Ayoob starts out by saying that in August he printed that he had
> heard that " Our Government is polling soldiers on whether they would
> be prepared to open fire on American citizens.."

> He then states that someone from Twenty-Nine Palms Marine Base in
> Ca smuggled out the questionnaire. It contained this question;

> "The US Government declares a ban on the possession, sale,
> transportation, & transfer of non-sporting firearms. A thirty (30) day
> amnesty period is permitted for those firearms to be turned over to
> local authorities. At the end of this period, a number of citizen groups
> refuse to turn over their firearms. Consider the following
> statement:
> I would fire upon US citizens who refuse or resist confiscation of
> firearms banned by the US government."

> Spaces were marked for responses on a "Strongly disagree"; to
> "Strongly agree" continuum.

> Ayoob's inquiries into the question were answered with the reply that
> this was just someone's "master's thesis" research... THEN (!!!!) the

> article goes on to say that Ayoob was informed that the thesis was
> sparked by a desire to gauge how US troops would work with a UN
> force in disarming Americans as part of a world effort to
> demilitarize the USA!

> !!!!!
>--
>To find out more about the anon service, send mail to help@anon.penet.fi.
>Due to the double-blind, any mail replies to this message will be anonymized,
>and an anonymous id will be allocated automatically. You have been warned.
>Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

>The above was posted anonymously but several months ago I heard of this
>questionaire from the For the People broadcast by Chuck Harter.

>....drop you're scanner and come out with your hands up! :-(

>Andy

I understand that Bob Dornan (R-CA) was told about this and was investigating
it for validity. I've hearding nothing more since.

4909. Re: Secret service freq, president

Newsgroup: rec.radio.scanner
Date: 1994-11-04 04:01:26 UTC
From: jmaio@sw
Message-ID: <jmaio.13.001506C0@sw>
Source record: 266138

In article <cmatthew.8.0@wpo.uwsuper.edu> cmatthew@wpo.uwsuper.edu (CHARLES R. MATTHEW) writes:
>Xref: sloth rec.radio.scanner:8456
>Path: sloth!news.sandia.gov!tesuque.cs.sandia.gov!lynx.unm.edu!jobone!newsxfer.itd.umich.edu!zip.eecs.umich.edu!caen!saimiri.primate.wisc.edu!news.doit.wisc.edu!news.uwsuper.edu!wpo.uwsuper.edu!cmatthew
>From: cmatthew@wpo.uwsuper.edu (CHARLES R. MATTHEW)
>Newsgroups: rec.radio.scanner
>Subject: Secret service freq, president
>Date: 2 Nov 1994 16:50:35 GMT
>Organization: University of Wisconsin - Superior, Wisconsin
>Lines: 6
>Message-ID: <cmatthew.8.0@wpo.uwsuper.edu>
>NNTP-Posting-Host: 137.81.9.48

> Does anyone know of some freq that the secret service uses when the
>preident is traviling around? Or at least where to scan around? Clinton is
>coming totown and I thought it would be interesting to listen to.

>-Charlie N0FXD
>E-Mail cmatthew@wpo.uwsuper.edu

Interesting to listen to what - Clinton or the Secret Service? Listening to Clinton doesn't interest me - it terrifies me!

4910. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-04 04:39:37 UTC
From: todd@io.com
Message-ID: <39cdu9$fus@illuminati.io.com>
Source record: 266148

Peter M Woolsey (mupmw7@uxa.ecn.bgu.edu) wrote:
> Kevin Mark Wong (kwong@ee.ualberta.ca) wrote:
> : Aaron Giles (giles.26@postbox.acs.ohio-state.edu) wrote:
> : > You might try the 450-470 Mhz band. The Taco Bell in my city uses a
> : > repeater in the 464/469 range.It is very low power, and the output on 464
> : > is continuous.

> : Why would Taco Bell have a repeater?

> -->> I was wondering the same thing..... Are they trying to talk
> -->> to OTHER Taco Bells in the area?????

"Taco Bell Command to 28th Street, Command to 28th Street. We
have a Code 6, Inadequate Hot Sauce, here. Repeat, we have a
Code 6. Request immediate backup."

Todd.
--
Todd Bradley - Living in Boulder, posting from Austin
todd@io.com or todd@boulder.vni.com or (303) 581-3293

4911. Slick is comming to town!!!!! (Prez freqs. wanted)

Newsgroup: rec.radio.scanner
Date: 1994-11-04 05:00:13 UTC
From: root@uidaho.edu
Message-ID: <root.1.0016AB2B@uidaho.edu>
Source record: 265861

The President himself is comming to Des Moines, IA to do some pre-Nov 8th campaigning. I was hoping to get some freqs. prior to his visit. Any help would be remembered when I get elected to the US Senate....

I guess I would like any freqs related to his appearance.

I own an AOR AR-1000, so whatever you have.

B.T.W. He will be here in 12-hours!!!!! so i need them soon.

Thanks
Jason McGurie
jmcguire@iastate.edu

I wonder if I telnet to whitehouse.gov the info will be there????
HAHAHA.......

4912. Re: FCC License Data Sources

Newsgroup: rec.radio.scanner
Date: 1994-11-04 05:19:26 UTC
From: af546@yfn.ysu.edu
Message-ID: <39cg8u$4gm@news.ysu.edu>
Source record: 266149

And don't forget Interactive Systems Inc. (703)812-8270

They offer On-Line acess (opps) access to FCC data and they advertise that
their data is recieved DAILY from the FCC.

For a few cents a minute you can retrieve the most up to date data available
anywhere.

I have been using them for a few years now.
--

4913. Re: PD's violating rights by scrambling?

Newsgroup: rec.radio.scanner
Date: 1994-11-04 05:25:02 UTC
From: davidm@iglou.com
Message-ID: <kMSkkK7gXfyE073yn@iglou.com>
Source record: 266033

In article <1994Nov3.182020.15661@news.csuohio.edu>,
mike@shien.ist.csuohio.edu (Mike Mayer) wrote:

> My brother, a scanner enthusiast, posed an interesting question.

[snip]

> Thus:
>
> We are legally allowed to listen (via scanner) to what's happening
> over the air as police go about their daily business. If they
> suddenly decide to scramble their transmissions, would the casual
> listener then have any grounds for saying his rights are being
> violated by being denied the opportunity to hear what the
> police (as servants to the public) are doing?
>
> It's obvious that the PD can transmit their traffic in any
> fashion they see fit (simplex, repeater, trunked, scrambled, clear)
> so from a common sense standpoint, the answer is "NO", you don't
> have a legal leg to stand on.

[Pardon me for a minute while I put on my asbestos underwear]

As much as I enjoy listening to the local police on my scanners, to the point that I have 6 scanners last time I counted, my first response to your message is this.

I know it is not against the law (yet) to listen to police (or just about any other public service agency). But I have yet to see a law (and I try to stay pretty well informed on this topic) that guarentees me the right to do so. The Constitution doesn't mention radio reception, nor does the Bill of Rights, and I don't recall seeing it in any of the other amendments either. I also have yet to see any law which says that the police (or any other agency for that matter) must perform their transmissions such that I can easily hear them. In fact, the only mention I see of it in the copies of the laws I have is an occassional brief mention that the law in question does not apply to the monitoring of public service frequencies. Again, this is not stating that I have a God-given right to do so, it is only stating that it is not illegal (yet) to do so.

So yes, your statment at the end of the above quote is correct, no, you wouldn't have a leg to stand on using that as an argument.

> But why?

Because there is no law which guarentees you the right to listen to police radio transmissions. And before 20 people send me mail or post responses

saying "oh yes there is", you might as well go on and get ready for me to ask you to send me a copy of that law, or the necessary citations that I can go look it up for myself.

> I am sure this has been debated to death before.

Yeah, but what the hell, its a slow night ;-)

Oh yeah, I have a question. And this is a serious question, not rhetoric, and I truthfully want to know...

Is there a law that requires court proceedings to be in english, or a language that the spectators can understand? I always just assumed that court proceedings only had to be made understandable to the defendent involved.

[Insert my usual block of comments about how I'm not a lawyer and none of this is legal advise here...And could someone please invent asbestos shorts that are not so darned scratchy!]

David
davidm@iglou.com

4914. Re: Secret service freq, president

Newsgroup: rec.radio.scanner
Date: 1994-11-04 09:28:57 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <39cusp$mjg@umcc.umcc.umich.edu>
Source record: 266150

```
>In article <cmatthew.8.0@wpo.uwsuper.edu> cmatthew@wpo.uwsuper.edu (CHARLES R. MATTHEW)
writes:
>>Xref: sloth rec.radio.scanner:8456
>>Path: sloth!news.sandia.gov!tesuque.cs.sandia.gov!lynx.unm.edu!jobone!newsxfer.itd.umich
.edu!zip.eecs.umich.edu!caen!saimiri.primate.wisc.edu!news.doit.wisc.edu!news.uwsuper.edu!
wpo.uwsuper.edu!cmatthew
>>From: cmatthew@wpo.uwsuper.edu (CHARLES R. MATTHEW)
>>Newsgroups: rec.radio.scanner
>>Subject: Secret service freq, president
>>Date: 2 Nov 1994 16:50:35 GMT
>>Organization: University of Wisconsin - Superior, Wisconsin
>>Lines: 6
>>Message-ID: <cmatthew.8.0@wpo.uwsuper.edu>
>>NNTP-Posting-Host: 137.81.9.48
>
>
>> Does anyone know of some freq that the secret service uses when the
>>preident is traviling around? Or at least where to scan around? Clinton is
>>coming totown and I thought it would be interesting to listen to.
>
>>-Charlie N0FXD
>>E-Mail cmatthew@wpo.uwsuper.edu

Best bet for actually hearing the President when he's in town
would be tuning to 154.57 (or 154.60) & 35.020MHz, NBFM.

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie: T.Tyler5 AOL: Hooligan MCI: 442-5735
Ypsilanti MI
48197 I'm an equal-opportunity discriminator, and I affirm action.
```

4915. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-11-04 09:37:34 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.73.04031055@mail.mei.com>
Source record: 266040
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.policy

In article <CyoHMA.1D6@news.Hawaii.Edu> jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:

>In article <crispCynA24.15s@netcom.com> crisp@netcom.com (Richard Crisp) writes:

>>It is intersting (sic) that I received a telephone call from another
>>person about two days before Paul's post. The caller, whose name

>Ah yes, in politics that's called ``The Old Boys' Network'' - interest-
>ing that it's found its way into the internet!

What!? Are you implying that amateur radio ITSELF is NOT an
"Old Boy's Network" ?? ;-)) Who are WE to talk?

```
P A R A D I S E * *
TAR & ASPHALT, INC * * * *
* * )
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|| _____ || kevin.jessup@mail.mei.com (
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```

4916. PD "concealing" transmissions

Newsgroup: rec.radio.scanner
Date: 1994-11-04 10:42:45 UTC
From: jdgan@freenet3.scri.fsu.edu
Message-ID: <39d375$i2k@freenet3.scri.fsu.edu>
Source record: 266151
Body handling: HTML body converted to readable text

I am a local security officer and always carry a scanner on my person
while on duty. I am also friendly with several PD officers and they
have no prblem with it.....I should be aware of what's going on in my
immediate area.
So I have heard the argument if an induvidual "conceals"
a transmission then they have something to hide.
Why would this arguement not also apply to the PD...do not use the
"covert ops" excuse because I have heard plenty SWAT and Warrent
Sservices on the air and cannot figure out where they are by the
terminology used. and I grew
up here and am very familiar with the area.
How many crimminals actually monitor LE and can gain anything from it?
People overhearing my scanner have no idea what the calls mean.

4917. hooper swans on the air?

Newsgroup: rec.radio.scanner
Date: 1994-11-04 11:33:00 UTC
From: henry@g0gku.demon.co.uk
Message-ID: <11041994113341um@g0gku.demon.co.uk>
Source record: 266100

Just listening to the "Wild Life" program here on radio 4, and there is
a discussion of Hooper Swan migrations over Scottland.
I just wonder what frequency they are using for tracking these birds.
Was only listening, but I thought they had been fitted (some of them)
with transmitters.
Even at low power, these should be audible for some miles.
This would go for any bird tracking by radio, I wonder where these
things are liable to hang out.

--
Henry Brugsch
aka hbj elsewher, CIS: 75366.317.com
hbj@bix.com, Moderator of adaptive.tech conference, bix
(Join adaptive.tech)
The freedom of information is a right not a privilege.

4918. Re: Need recommendation on the pro-43 mods ...

Newsgroup: rec.radio.scanner
Date: 1994-11-04 13:04:15 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <39dbgf$l5v@paperboy.gsfc.nasa.gov>
Source record: 266115

Well I just finish reading that the pro43 cell mod is being done for $40 then I read another guy is willing to do the mod for $35, So I figured I'll come in and underbid all of them and would do it for $25. I've done the mod many times for my friends and I'll say my return time will be 2 days! Anyone need the cell mod done on there pro43?

You know what else kills me? I saw a post for the cell mod for the 2006 for $20. I could do about 100 2006s in 1 hour so thats 100@ 20 or $2000 / hr Shewwey .... Somebody is crazy!

If you need me to do the pro43 mod mail me with questions.

4919. First Amendment? (Was: FBI director says they may pursue outlawing non snoopable crypto!)

Newsgroup: rec.radio.scanner
Date: 1994-11-04 13:23:47 UTC
From: mr@world.std.com
Message-ID: <Cyqvvn.B69@world.std.com>
Source record: 266156
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

Has anyone else thought about the fact that this
proposal to try outlawing digital cryptography is
a major violation of the First Amendment? So is
this recently passed Digital Wiretap garbage! Why
are the civil liberty types rolling over for them?

Mike Rollins
mr@world.std.com
Speaking only for myself

Arik Baratz (s3201351@techst02.technion.ac.il) wrote:
: On 21 Oct 1994, Glen L. Roberts wrote:
: > Richard Crisp (crisp@netcom.com) wrote:
: > : We all knew it was coming, here it is:
: > : Washington, DC -- If private encryption schemes interfere with
: > : the FBI's ability to wiretap, they could be outlawed, according
: > : to recent comments made by the agency's Director Louis Freeh.
: > :
: > : Freeh told attendees here at the recent conference on Global
: > : Cryptography that if the Administration's Escrowed Encryption
: > : System, otherwise known as the Clipper Chip, failed to gain
: > : acceptance, giving way to private encryption technologies, he would
: > : have no choice but to press Congress to pass legislation that
: > : provided law enforcement access to *all* encrypted
: > : communications.
: >
: > Wiretaps can be used only on selected crimes... name, the serious felonies,
: > the ones with harsh punishment...
: >
: > Now, do you think the FBI will want to prosecute a suspect drug dealer or
: > murderer that would get a life sentence for the real crime, a relatively
: > minor crime of using encryption equipment? Ha... hell no....
: >
: > But, joe blow, hobbyists who just happens to encrypt something, and the
: > FBI runs across it by "accident" is looking at a stiff sentence compared
: > to his actual crime...
:
: I wonder, what is the penalty for "Unauthorized Cryptography"? Now you
: are a criminal. Let's assume that you are the criminal. Hipothetically,
: ok? I guess that if you encrypt your data, someone will be knocking at
: your door. But then, if someone knocks at your door, he will be saying,
: clear as a bell "Hey, look, I'm wiretapping you and you are encrypting
: your calls, stop it." Isn't that odd?

:
: My guess is that if you "Illegaly" encrypt your conversations, no one
: will say anything, 'cause it'll be like addmiting they are taping you!
:
: But then, "accidents" do happen...
--

Mike Rollins
mr@world.std.com
Speaking only for myself.

4920. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-04 13:35:25 UTC
From: mr@world.std.com
Message-ID: <CyqwF2.Eq9@world.std.com>
Source record: 266157
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

S0ren Ashe (ashe@snugbug.cts.com) wrote:
: Tog (jflint@ic.sunysb.edu) wrote:
: If we all act like brothers and sisters, we'll encrypt _every_ private
: message. If we bury them in volume, they'll have so many "suspects"
: they'll have to adjourn in search of better game. There are precidents...
: I believe it was the royal family of Sweden who, when the Nazis ordered
: all Jews to wear the Star of David on their coats, appeared in public
: with the emblem on their own clothing. Many of their gentile subjects
: followed suit. A lot of good things can be learned from history...like
: what methods tyrants have tried before, and what has made life difficult
: for them.

It was the Danish Royal Family. Sweden managed to avoid
being overtly occupied by Germany during the war.

--

Mike Rollins
mr@world.std.com
Speaking only for myself.

4921. Mobile scanners and military a/c freqs

Newsgroup: rec.radio.scanner
Date: 1994-11-04 13:56:36 UTC
From: gt8303a@prism.gatech.edu
Message-ID: <39deik$166@acmey.gatech.edu>
Source record: 266159
Cross-posted to: rec.radio.swap,rec.radio.scanner

I'm thinking about trying to find a scanner to mount in my car.
Are there any out there that will pick up military aircraft?
I know the PRO-43 will, as I had one for a month or so (until
I got the bill and couldn't afford it). I found that I mostly
listened in my car, so I am more likely to buy one that I can
mount in the car. If anyone has any information about such a
rig, or has one that they are trying to sell, PLEASE email me.

Thanks,
Andy Entrekin
gt8303a@prism.gatech.edu

--
Andy Entrekin
gt8303a@prism.gatech.edu
(404) 355 - 6616

4922. Re: Need recommendation on the pro-43 mods ...

Newsgroup: rec.radio.scanner
Date: 1994-11-04 14:37:20 UTC
From: gdallal@world.std.com
Message-ID: <CyqzA9.FJD@world.std.com>
Source record: 266161

Richard Crisp (crisp@netcom.com) wrote about my mentioning CSG:

: for your $40 they will smash the diode that needs to be removed and then
: not re-solder it to the proper place to enable the low band
: VHF, you will not get the low band.

You are correct. They do not move the diode. But there have been reports that this mod is ineffective because the unit is not optimized for reception in this range. As I understand it, they don't want to move the diode, even for an extra charge, because they don't want to deal with people who are unhappy with the result through no fault of CSG's. And, yes, it's a lot easier to snip than snip and resolder.

: Bottom line here folks is that these guys are making a bunch of money`
: off people's ignorance.

But if you don't have the tools or the skills, $40 may seem an attractive alternative. So, it may not be an issue of ignorance, but one of convenience. Also, in a world where RS pulls its stock of *legal* scanners for fear of having Big Brother at the door, can anyone name any other company that *advertises* that they'll modify scanners? I'd have thought that you'd at least (grudgingly?) given them a point or two for being willing to advertist their services and make them available to people who might otherwise be unable to get their units modified. :-)

BTW, I've visited their shop and when I was there, they showed someone having a 43 modified how to do the 2006 mod themselves.

: If anyone wants it done locally in teh SF Bay Area, the correct way, contact
: 'me and I'll do it for $35. It will also receive the VHF low band
: which you will not get if the CSG guys do it, and you will pay for postage
: to them as well as more money for less product. You will also wait
: longer to get it back.

But you've got no advertising costs. Would you still do it for $35 if you were running regular ads in MT, PC, and who knows where else? As for turn around, that's a function of the common carriers. In MA, sent on Monday means returned by Wednesday.

Summary: Richard is correct about the partial mod and it would be nice if they'd do it for customers who acknowledge the 43's limitations in the low range. But there's no misrepresentation (they offer *only* restoration of cellular frequencies) and the unit comes back with cell frequencies enabled.

Similar comments can be made about Richard's [snipped] comments regarding their antennas. I'm surprised that they wouldn't let you try the

antennas (that wasn't my experience at their shop) but I wasn't there and
don't know about the RF levels and size of the crowd.
I believe that anyone with the technical skills could probably build
a functional equivalent for 1/3 the price, but again there's the issue of
knowledge, parts, and time.

4923. Re: Caller ID

Newsgroup: rec.radio.scanner
Date: 1994-11-04 14:53:46 UTC
From: shawn4sk1@aol.com
Message-ID: <39dhtq$e1b@newsbf01.news.aol.com>
Source record: 266162

Kinda wild! We just got Called ID on Tuesday and of course with me and my gadgets, I got it on.... Tuesday! :-)

That's what I like about this group- always something creative going on! So who's going to be the first to tell me how to wire up a cord that will have an RCA on one end and the phone jack on the other? I have two phone lines so I can call and see if it really works- I have a cordless, a Caller ID box and a PRO 2006...

I like the EDUCATION!

4924. Re: US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-04 16:04:23 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <39dm27$lcc@mozo.cc.purdue.edu>
Source record: 266105

In article <398d6a$f5s@news1.digex.net> domonkos@access4.digex.net (Andy Domonkos) writes:
>[Article crossposted from alt.conspiracy]
> Gov. polling troops on whether they'd fire on fellow Americans!!!
>
[deleted]
> "The US Government declares a ban on the possession, sale,
> transportation, & transfer of non-sporting firearms. A thirty (30) day
> amnesty period is permitted for those firearms to be turned over to
> local authorities. At the end of this period, a number of citizen groups
> refuse to turn over their firearms. Consider the following
> statement:
> I would fire upon US citizens who refuse or resist confiscation of
> firearms banned by the US government."
>
> Spaces were marked for responses on a "Strongly disagree"; to
> "Strongly agree" continuum.
>
> Ayoob's inquiries into the question were answered with the reply that
> this was just someone's "master's thesis" research... THEN (!!!!) the
> article goes on to say that Ayoob was informed that the thesis was
> sparked by a desire to gauge how US troops would work with a UN
> force in disarming Americans as part of a world effort to
> demilitarize the USA!

At the risk of continuing a thread inappropriate to this
newsgroup.....

I can't vouch for the question's wording as posted here, but I read
that the question was outlining a clearly illegal and unconstitutional
act to gauge soldiers' knowledge of their duty to refuse to obey
illegal orders. The proper response would have been "strongly
disagree" - they were not looking for soldiers who would agree with
that statement. The premise of the last sentence in the paragraph
above is bogus - Ayoob may have been informed of that, but it was
likely from someone who didn't know what the hell he was talking
about.

This (and the bit about training foreign soldiers in Michigan) is a
clever manipulation of facts laced with unfounded rumor in an attempt
to whip up some hysteria about the UN taking over the US. Using
"GUNS" magazine (the original source) as an authority on this sort of
thing is sort of like quoting Greenpeace publications on nuclear
power.

--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

4925. Archive sites for this newsgroup?

Newsgroup: rec.radio.scanner
Date: 1994-11-04 16:29:11 UTC
From: jocatch@vnet.ibm.com
Message-ID: <39dngnINNoq8@afshub.boulder.ibm.com>
Source record: 266103

Is there an FTP site that has this newsgroup (or ALT.SCANNER) archived? I'd like to look up some stuff that was discussed weeks ago and thought somewhere on the net there must be place where all this stuff ends up.

Joe Cacciatore

Professionals built the Titanic, Amateurs built the Ark

4926. Re: <None>

Newsgroup: rec.radio.scanner
Date: 1994-11-04 16:35:19 UTC
From: domonkos@access.digex.net
Message-ID: <YUakkiubGEG8066yn@access.digex.net>
Source record: 266163

In article <alacy.22.0010E916@skew.com>, skew wrote:
> In article <1994Nov2.123835@clstac> emdevries@csupomona.edu writes:
> >Path: csn!yuma!purdue!lerc.nasa.gov!magnus.acs.ohio-state.edu!math.ohio-state.edu!howland.reston.ans.net!news.cac.psu.edu!news.tc.cornell.edu!loghost.sdsc.edu!nic-nac.CSU.net!clstac!emdevries
> >From: emdevries@csupomona.edu
> >Newsgroups: rec.radio.scanner
> >Subject: <None>
> >Date: 2 Nov 94 12:38:35 PST
> >Organization: California State Polytechnic University, Pomona
> >Lines: 5
> >Message-ID: <1994Nov2.123835@clstac>
> >NNTP-Posting-Host: pinto.is.csupomona.edu
>
>
>
> >I would appreciate any information on Icom R-100 modifications, specifically,
> >800-900 Mhz reception. I was unable to find one produced before the 1992
> >scanner law went into full effect.
> > Many thanks, Eugene
>
>
> ftp to ftp.cdrom.com
>
> they have a large selection of mods in the HAMRADIO dir.. (might be
> /pub/hamradio)

The new R-100 are no longer capable of receiving in that area. They were sold
continuous coverage, no mods were required. You only hope is to use a
converter module like the GRE Super Converter I or II to convert the 800-900
range to 400-500Mhz.

Andy

4927. Re: PRO-43 Cases??

Newsgroup: rec.radio.scanner
Date: 1994-11-04 16:35:29 UTC
From: domonkos@access.digex.net
Message-ID: <maakkiubGgEA066yn@access.digex.net>
Source record: 266164

In article <398vat$6to@hp-col.col.hp.com>, peter arebalo wrote:
> Greetings All:
>
> Although I saw a recent thread on cases for the PRO-43, I didn't own one
> at the time and am now in the need of a case. I would prefer something
> light and not to bulky. Can someone make a recommendation???
>
> Thanks......Pete Arebalo

You may want to try the Radio Shack multipurpose soft scanner case that
sells for $9.95. I got one, it has the speaker grill perforations and offers
a nice buffer against small drops and fall-overs.

Andy

4928. Laptops improve RFI, 60MB 2.5" IDE laptop drive for sale was Re: Computer control - hardware

Newsgroup: rec.radio.scanner
Date: 1994-11-04 16:47:31 UTC
From: crisp@netcom.com
Message-ID: <crispCyr5B7.1pG@netcom.com>
Source record: 266165
Cross-posted to: rec.radio.shortwave,rec.radio.swap,rec.radio.scanner

In article <199411041602.KAA00412@mail.cs.utexas.edu> wmartin@STL-06SIMA.ARMY.MIL (Will Martin) writes:
>if they don't have a working battery pack and you plan to use it on AC
>power all the time anyway. A relatively tiny hard disk should be good
>enough to store a minimal OS (probably some earlier version of DOS like
>3.2) and the radio-control software and all the frequency memories you're
>likely to ever need for SW.
>

I have upgraded the hard disk twice in my Toshiba T2000SX (16mhz 386sx)
I had to hack the ROM bios to get the proper drive parameters into the
drive table in the ROM, but it works.

>I guess one thing to consider is whether the controlling software wants
>a color screen, mouse pointing, Windows environment, etc. I was hoping
>there'd be some simple software that was keyboard oriented available
>as freeware or shareware, or for a low cost. Note I still haven't
>picked the receiver to be controlled -- I'm just blue-skying the whole
>concept right now.
>

Well the NRD program Tom WHiteside wrote and distributes for free works
great on my T2000SX and I don;t get RFI from it. It does not require
Windows althougth the T2000SX will support windows. I also know that
a good friend and associate, Tom Roach, has become a believer in
laptops such as this after having lots of RFI problems from his
tower box, and seeing them go away cleanly using a laptop.

Most of the Laptops made after 1990 use IDE for the disk interface.
If you get one with a 20MB disk, chances are very good that you can
replace the 2.5" drive with a bigger one. As I said you may have to hack
the BIOS to modify the drive table, but that is an easy task if you
have access to an EPROM programmer.

Also if anyone wants it, I have a used 2.5" IDE drive of 60MB capacity
(it is a seagate) that I no longer need. I originally replaced the 20MB
in the Toshiba with the 60MB seagate but now have moved up to a 256MB
drive in the machine, so the 60MB is sitting free and easy now.

I found that the freuency lists, the data base software, windows and
a few other things pushed me well beyond the 20MB range. So after
a bit of hacking figured out where the drive table was and changed it.

The 60MB drive is $75 if you are interested and I can supply the bios hacking information so that you can change your own if necessary.

>But are such earlier-generation laptops likely to put out so much RFI
>that they are bad for this particular dedicated use? Are some brands OK
>and some lousy? Can anyone give any specific pointers to good ones
>or bad ones in this area? What about modifications to reduce RFI,

Another friend is using older generation Zenith laptops in his radio room (two of them total) and is having no RFI problems.
I say they are a good way to go.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box, and the cartridge box. Let's effectively use the first two so we do not have to resort to the third!

4929. Cellular Security Group's cell antennas, MT Conv. Was Re: Need recommendation on the pro-43 mods ...

Newsgroup: rec.radio.scanner
Date: 1994-11-04 16:56:49 UTC
From: crisp@netcom.com
Message-ID: <crispCyr5qq.2o8@netcom.com>
Source record: 266123

In article <CyqzA9.FJD@world.std.com> gdallal@world.std.com (Jerry Dallal) writes:
>
>Similar comments can be made about Richard's [snipped] comments regarding
>their antennas. I'm surprised that they wouldn't let you try the
>antennas (that wasn't my experience at their shop) but I wasn't there and
>don't know about the RF levels and size of the crowd.
>I believe that anyone with the technical skills could probably build
>a functional equivalent for 1/3 the price, but again there's the issue of
>knowledge, parts, and time.

The reason they would not allow me to try out their antennas was that they were at the MT convention, had a table set up, had a crowd of lookers hanging around and had a person asking tough questions that might tend to expose the fact that the antennas were as effective as the whip antennas which are provided with the scanners.

If you were in their shop, it is not like 15 people would see that the whip antenna they already have was effective and the snappy looking thing they were trying to seell worked no better. It is pretty simple, if someone is exposing your product as being more look than function, you want to neutralize them as quickly as possible.

I walked away chuckling about the whole episode. It is pretty much the sort of show the MT convention was from my perspective. I still can't believe LVH told us that MFJ means "Mighty Fine Junk" and that he told us to not plut our antenna into the wall power socket!
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
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4930. Re: US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-04 17:00:39 UTC
From: crisp@netcom.com
Message-ID: <crispCyr5x3.30o@netcom.com>
Source record: 266166

In article <39dm27$lcc@mozo.cc.purdue.edu> mconner@rain.atms.purdue.edu (Mark D. Conner) writes:
>
>This (and the bit about training foreign soldiers in Michigan) is a
>clever manipulation of facts laced with unfounded rumor in an attempt
>to whip up some hysteria about the UN taking over the US. Using
>"GUNS" magazine (the original source) as an authority on this sort of
>thing is sort of like quoting Greenpeace publications on nuclear
>power.

I think Greenpeace may in fact be a credible source, regarding Nuclear Power. Just because someone is publishing a journal that appeals to a special interest group doesn;t mean the information contained within is any less accurate.

For example, how about your monthly editorial Bob Grove writes in MT? When he talks about scanner banning laws, it doesn't mean he is in error. WHen I have read his editorials, they seem to be fair and factual to me.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box, and the cartridge box. Let's effectively use the first two so we do not have to resort to the third!

4931. Re: Mobile scanners and military a/c freqs

Newsgroup: rec.radio.scanner
Date: 1994-11-04 17:15:41 UTC
From: alacy@skew.com
Message-ID: <alacy.24.000A4343@skew.com>
Source record: 266042
Cross-posted to: rec.radio.swap,rec.radio.scanner

try the pro-2026! it is on sale for 149.00 and can be modded in literally 2 minutes. It has 100 channels, and 5 band searches. Good deal.

>I'm thinking about trying to find a scanner to mount in my car.
>Are there any out there that will pick up military aircraft?
>I know the PRO-43 will, as I had one for a month or so (until
>I got the bill and couldn't afford it). I found that I mostly
>listened in my car, so I am more likely to buy one that I can
>mount in the car. If anyone has any information about such a
>rig, or has one that they are trying to sell, PLEASE email me.

>Thanks,
>Andy Entrekin
>gt8303a@prism.gatech.edu

>--
>Andy Entrekin
>gt8303a@prism.gatech.edu
>(404) 355 - 6616

4932. Re: PD "concealing" transmissions

Newsgroup: rec.radio.scanner
Date: 1994-11-04 17:51:36 UTC
From: tweek@netcom.com
Message-ID: <tweekCyr8A0.6yB@netcom.com>
Source record: 266167
Body handling: HTML body converted to readable text

jdgan@freenet3.scri.fsu.edu (James Ganyard) writes:
>So I have heard the argument if an induvidual "conceals"
> a transmission then they have something to hide.
>Why would this arguement not also apply to the PD...do not use the
>"covert ops" excuse because I have heard plenty SWAT and Warrent
>Sservices on the air and cannot figure out where they are by the
>terminology used. and I grew
>up here and am very familiar with the area.

Yes, it would indicate that the cops had something to hide...

Like a stakeout of a group known to monitor scanners.
Like the followup to a downed officer, where it is known that the
officer's spouse monitors the scanner and the desire to inform the
spouse in person is preferred to him/her hearing it over the air.
Like tactical information for a known celebrity's visit.
etc etc etc.

I *DID* include "covert ops" here because it *is* possible for an
uninformed listener to fiqure things out if one listens long enough.
I myself have heard a covert operation... and had confirmed where it
was happening the first night just by comparing certain observations...
such as "Car coming down the hill" and "backed up to the door with the
trunk open" and other seemingly inert comments. It wasn't till the third
day, that I realized that these covert ops were not cops, but rather crooks.

>How many crimminals actually monitor LE and can gain anything from it?

I know of Two... and although they thought that their use of a scanner
would help them keep track of the local cops, their use of a itinerant
two way radio and their thinking no-one listens to 154.6, got them caught.

>People overhearing my scanner have no idea what the calls mean.

When one overhears a scanner carried by a third party, it is likely that
the person has not been following the entire series of communications.
The question is, when YOU hear a call on your scanner, do you understand
what it is about? If so, and if you had not received any other input from
the police other than via the scanner, you would have to assume that it is
possible that anyone else experienced in monitoring freqs would also be able
to fiqure it out.

BTW: I am NOT for the scrambling of routine police traffic, I'm just
pointing out where it might be beneficial in some cases.

--
tweek@io.com tweek@tweekco.ness.com WW4Net-1@11551 DoD #MCMLX N6QYA
**** Regarding the Internet>

4933. Re: 855xlt cell freq. mod?

Newsgroup: rec.radio.scanner
Date: 1994-11-04 18:02:04 UTC
From: mcias@aol.com
Message-ID: <39dsus$jf7@newsbf01.news.aol.com>
Source record: 266168

In article <38t515$j11$1@mhade.production.compuserve.com>, Rick Stuart
<74431.1576@CompuServe.COM> writes:

>I bought my Uniden 855 XLT and so far really like it. It gets all my
>local police and fire and is easy and simple to use. I was told that
>it can be modified to recieve the frequency's in the 800 mhz band to
>listen to the blocked cell freq's. Is this a simple mod? Is it just
>clipping a jumper or removing a resistor? I can do simple things
>like that myself, and would like to know how if anyone knows or
>wants to tell me. The shop I bought iy from, C. Crane in Fortuna CA,
>said to call them after I have had it 30 days and they could help.
>I'm just wondering if I can do it myself. Thanks, Rick.

My response:
The whole change is completed with the moving 1 chip(a surface mount
resistor) to a different socket. I would not suggest doing it yourself
unless you've had prior experince with this sort of thing. I know for a
fact that some of the original drawings out there for the 855 are
incorrect in the changing of this chip. I was told that by moving the chip
to the wrong area of the two areas available could damage the unit. Please
let someone do it for you if your not familar with it.
Good Luck
& Great Scanning

McIAS@AOL.com

4934. Space Shuttle Atlanitis Freq.

Newsgroup: rec.radio.scanner
Date: 1994-11-04 18:35:47 UTC
From: rxy5310@hertz.njit.edu
Message-ID: <1994Nov4.183547.1671@njitgw.njit.edu>
Source record: 266169

Here by New York, the frequency for the space shuttle
Atlantis repeater is 146.610 Mhz. Check it out.
--
---
http://hertz.njit.edu/~rxy5310 Rolan Yang rxy5310@hertz.njit.edu
Electrical Engineering New Jersey Institute of Technology

4935. Get a life

Newsgroup: rec.radio.scanner
Date: 1994-11-04 18:45:12 UTC
From: k8zgw@hamnet.wariat.org
Message-ID: <CyrArC.9uE@hamnet.wariat.org>
Source record: 266107

Will SOMEONE please help me understand just why in the
world ANYONE would want to listen to a fast food drive thru.

--

Don Ritchie K8ZGW Internet: k8zgw@hamnet.wariat.org

Cleveland Hamnet BBS (216) 942-6382

4936. Re: Open Letter to Jeff Herman was Re: Deleting Richard Cris

Newsgroup: rec.radio.scanner
Date: 1994-11-04 18:48:52 UTC
From: kjn@netcom.com
Message-ID: <kjnCyrAxH.3q@netcom.com>
Source record: 266170

David S. Eitelbach says:
" Interesting group; interesting thread.
" Maybe I should ask again in here:

" Does anyone know how to get a tuning knob off an Icom R-7100?

" Sorry about the off-topic posting. ;-)

Nice touch! :)
Hey guys... reality check...

--
Ken Navarre

4937. Re: Radio Shack DX-392 Zap Question

Newsgroup: rec.radio.scanner
Date: 1994-11-04 18:49:45 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <CyrAyx.AvH@news.Hawaii.Edu>
Source record: 266171
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <38v0k8$sjp@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:
>I own a Radio Shack DX-392 shortwave radio (aka Sangean ATS-818CS).
>I use an approximately 50 foot long, insulated, 18 gauge wire, running
>from the radio, going around the floor/carpet of my bedroom (I'm on
>the second floor) and then going into my closet where it stops at the
>end of the top shelf. This set up works fairly well in getting most
>shortwave reception. My concern now is possibly zapping the unit with
>some static charge or signal overload which may somehow wreck it, or
>hurt its sensitivity. Any suggestions on my fear here, and whether I
>should attach any resistor to where my wire antenna is clipped to the
>whip antenna, to protect the receiver's circuitry?

Zack Lau of the ARRL (US amateur radio's national organization)
suggests placing a 1000 ohm resistor between the antenna and
ground terminals to bleed off any electrostatic charge; if you
detect any loss of sensitivity then try a larger value resistor,
say 10,000 ohm.

Jeff NH6IL

4938. Drive Thru "radio"

Newsgroup: rec.radio.scanner
Date: 1994-11-04 18:50:35 UTC
From: k8zgw@hamnet.wariat.org
Message-ID: <CyrB0C.9zp@hamnet.wariat.org>
Source record: 266025

Will someone please explain just why ANYONE would want
to listen to a fast food drive thru window.

Lets get a life folks.

--

Don Ritchie K8ZGW Internet: k8zgw@hamnet.wariat.org

Cleveland Hamnet BBS (216) 942-6382

4939. Pro-39 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-11-04 20:09:01 UTC
From: rafaels@zimmer.CSUFresno.EDU
Message-ID: <CyrEn2.3F3@zimmer.CSUFresno.EDU>
Source record: 266101

Hi netters!

I have a MINT RS Pro-39 (modifiable) scanner for sale. First $175 takes it. Please no dealing, this is an almost new machine. COD or certified check are OK (I'll pay the shipping within the lower 48 states).

Rafael, KE6JSR

(209)278-2194

4940. What Freq is TV Chan 54?

Newsgroup: rec.radio.scanner
Date: 1994-11-04 20:09:22 UTC
From: jocatch@vnet.ibm.com
Message-ID: <39e4diINNiur@afshub.boulder.ibm.com>
Source record: 266111

I can pick up my local TV chan 54 on my IC 2SRA on 921.66 mhz but I can not pick it up on my BC 8500 or Pro 2022 on 921.66. I assume the Icom (a 2 meter HAM HT and scanner) is cheaper than the base units. I would like to program chan 54 directly into my 8500 but don't know the freq. Anyone know what the audio freq of 54 is?

Thanks.

Joe C.

Why do we DRIVE on PARKways and PARK on DRIVEways?

4941. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-04 21:28:23 UTC
From: pwd@apple.com
Message-ID: <pwd-041194132823@17.130.21.52>
Source record: 265321

I don't mean to prolong this re-appearance of the infamous "Fast Food Frequency" thread but this came up a while ago and I've compiled a listing of all frequencies I've seen posted into the following document. Hope this helps; have a listen and decide for yourself how long you can stand it.

The listing can be read horizontally to see who's on a particular frequency or vertically for some of the major chains to see which frequencies they've used elsewhere.

This list was compiled from numerous posts on the Internet news groups alt.scanner and rec.scanner from many posters, among them:

Brad Steinman (cscon0151@uoft02.utoledo.edu, 131.183.1.4),
mcneill@salem.enet.dec.com,
Bob Parnass (parnass@ihlpm.att.com),
stretch1@aol.com.

Thanks for sharing the information!

Warning: unfortunately some of the postings confused CTSS tone frequencies (in Hz or KHz?) with carrier frequencies in MHz, so some of the listings below are unreliable. Scan the bands yourself and see what's around locally.

Have fun,
-Patrick Penzias Dirks.

Fast Food Frequencies
Last Updated: 11/4/94

Key to abbreviations: Key to suffixes:
McD - McDonald's -C: Customer
BK - Burger King -W: Window Clerk
HD - Hardee's -P: Private (internal)
KFC - Kentucky Fried Chicken -R: Repeater
TB - Taco Bell -B: Business
WND - Wendy's

Others:
ARB - Arby's
BB - Bob's Big Boy
BED - Bess Eaton Donut
CFA - Chick Fil A
CJR - Carl's Jr.
DD - Dunkin Donuts
DQ - Dairy Queen
FF - Foster Freeze

HDE - Hot Dogs Etc.
JIB - Jack in the Box
MIC - Wireless Microphone
MWD - Mrs. Winner's Drive-up
RR - Roy Rogers
WAB - Whataburger

```
Freq.(MHz) -MCD- -BK- -HD- -KFC- -TB- -WND- - Others -------------
30.8200 ..... ..... ..... KFC ..... .....
30.8400 McD BK HD KFC TB-C WND ARB BB-C(R) DQ HDE MWD WAB
31.0000 ..... BK HD KFC-C ..... WND ARB CFA FF HDE
33.1400 McD ..... ..... ..... ..... ..... HDE
33.1600 ..... ..... ..... ..... TB .....
33.4000 McD ..... ..... KFC ..... ..... DD JIB
33.7150 McD ..... ..... ..... ..... .....
35.0200 McD ..... HD ..... ..... .....
35.0600 McD ..... ..... ..... ..... .....
35.1200 McD-B ..... ..... ..... ..... .....
36.7000 ..... ..... ..... ..... ..... ..... MIC
37.1000 ..... ..... ..... ..... ..... ..... MIC
37.1600 ..... ..... ..... ..... ..... ..... MIC
40.6800 ..... ..... ..... ..... ..... ..... MIC
42.8900 ..... ..... ..... ..... ..... ..... MIC
43.0000 ..... ..... ..... ..... ..... ..... Specific use unknown
44.2700 ..... ..... ..... ..... ..... ..... MIC
44.8700 ..... ..... ..... ..... ..... ..... MIC
49.8300 ..... ..... ..... ..... ..... WND-C
49.8900 ..... ..... ..... ..... ..... WND-W
67.7750 McD-C ..... ..... ..... ..... .....
70.2450 McD-C ..... ..... ..... ..... .....
71.1050 McD-C ..... ..... ..... ..... .....
82.5000 McD-P ..... ..... KFC-P ..... ..... DD-P
141.3000 McD-P ..... ..... ..... ..... .....
151.4000 ..... ..... ..... ..... TB-P .....
151.5200 ..... ..... ..... ..... ..... ..... Specific use unknown
151.5350 ..... ..... ..... ..... ..... ..... Specific use unknown
151.6850 ..... ..... HD ..... ..... .....
151.7150 McD ..... ..... ..... ..... .....
151.7750 McD ..... ..... ..... ..... .....
151.8050 ..... ..... HD ..... ..... .....
151.8950 McD ..... ..... ..... ..... ..... HDE
152.9150 ..... ..... ..... ..... ..... ..... Specific use unknown
153.0050 ..... ..... ..... ..... ..... ..... Specific use unknown
154.4900 McD-W ..... ..... ..... ..... .....
154.5150 ..... ..... ..... ..... TB .....
154.5400 McD ..... ..... KFC ..... ..... JIB
154.5700 McD BK HD KFC TB-W WND ARB BB-W (I) DQ HDE WAB
154.5800 McD-W ..... ..... ..... ..... .....
154.6000 McD ..... HD ..... ..... .....
154.7000 McD ..... ..... ..... ..... .....
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156.7000 ..... ..... ..... ..... ..... ..... CJR
162.2000 ..... ..... ..... KFC-P TB-P .....
169.4450 McD ..... ..... ..... ..... .....
170.2450 McD ..... ..... ..... ..... ..... MIC
170.2500 McD ..... ..... ..... ..... .....
170.3050 McD BK-W HD KFC-W ..... WND CFA FF HDE MIC
171.1050 McD ..... ..... ..... ..... ..... MIC
171.3050 McD ..... ..... ..... ..... .....
171.9050 McD ..... ..... ..... ..... ..... MIC
173.8000 ..... ..... ..... ..... TB-P .....
192.8000 McD-P ..... ..... ..... ..... .....
457.1250 ..... ..... ..... ..... ..... ..... Specific use unknown
457.5125 ..... ..... ..... ..... ..... ..... Specific use unknown
457.5250 ..... ..... ..... ..... ..... ..... WAB
457.5375 ..... ..... ..... KFC TB WND BED-C (R) RR
457.5500 McD BK HD ..... TB ..... ARB CJR DD EPL
457.5625 ..... BK ..... ..... ..... .....
457.5750 ..... BK HD ..... ..... .....
457.5875 ..... ..... ..... KFC-C ..... .....
457.6000 ..... BK ..... KFC ..... ..... BB-C (R)
457.6125 ..... ..... ..... ..... ..... WND WAB
457.8250 ..... BK ..... ..... ..... .....
460.8875 ..... BK HD KFC TB WND
460.9975 ..... ..... ..... ..... ..... ..... Specific use unknown
461.0375 McD-C ..... ..... ..... TB .....
461.0875 ..... ..... ..... KFC TB WND
461.1125 ..... ..... HD ..... ..... .....
461.4500 ..... ..... ..... ..... ..... ..... Specific use unknown
461.5375 ..... BK-C(R).... ..... TB ..... LJS
461.7125 ..... ..... HD ..... ..... .....
461.8125 ..... ..... ..... ..... ..... WND WC
462.0500 ..... ..... ..... ..... ..... ..... Specific use unknown
462.1625 ..... ..... ..... KFC ..... .....
462.7500 ..... ..... ..... KFC ..... .....
462.7625 ..... ..... ..... KFC ..... .....
463.0000 ..... ..... ..... ..... ..... ..... Specific use unknown
463.0250 ..... ..... ..... ..... ..... ..... Specific use unknown
463.0500 ..... ..... ..... ..... ..... ..... Specific use unknown
463.0750 ..... ..... ..... ..... ..... ..... Specific use unknown
463.1000 ..... ..... ..... ..... ..... ..... Specific use unknown
463.1250 ..... ..... ..... ..... ..... ..... Specific use unknown
463.1500 ..... ..... ..... ..... ..... ..... Specific use unknown
463.1750 ..... ..... ..... ..... ..... ..... Specific use unknown
463.2875 McD-C BK-B ..... ..... ..... .....
463.5000 ..... ..... ..... ..... ..... ..... Specific use unknown
463.6750 ..... ..... ..... ..... ..... ..... Specific use unknown
464.0125 McD ..... ..... ..... ..... .....
464.0875 ..... ..... ..... KFC ..... .....
464.1125 McD ..... ..... ..... ..... .....
464.1375 McD ..... ..... ..... ..... .....
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464.1625 McD ..... ..... ..... ..... .....
464.1875 McD ..... ..... ..... ..... .....
464.3125 McD ..... ..... ..... ..... .....
464.3375 McD ..... ..... ..... ..... .....
464.3875 McD ..... ..... ..... TB .....
464.5000 ..... ..... ..... ..... ..... ..... Specific use unknown
464.5125 McD ..... ..... ..... ..... .....
464.5875 ..... ..... ..... ..... ..... ..... Specific use unknown
464.6250 ..... ..... ..... ..... ..... ..... Specific use unknown
464.9625 ..... ..... ..... ..... TB .....
465.8875 ..... BK-W ..... KFC TB-W WND
466.0375 McD-W ..... ..... ..... TB .....
466.0875 ..... ..... ..... ..... TB WND
466.1125 ..... ..... HD ..... ..... .....
466.1750 ..... ..... ..... ..... ..... ..... Specific use unknown
466.5375 ..... ..... ..... ..... TB .....
466.8125 ..... ..... ..... ..... ..... ..... WC-W
466.8875 ..... ..... ..... ..... ..... ..... Specific use unknown
467.0125 McD ..... ..... ..... ..... .....
467.0500 ..... ..... ..... ..... ..... ..... Specific use unknown
467.7375 ..... ..... ..... ..... ..... ..... Specific use unknown
467.7500 ..... ..... ..... ..... ..... ..... WAB
467.7625 ..... ..... ..... ..... ..... ..... BED-W (I) RR
467.7750 McD BK-W ..... ..... ..... ..... CJR DD
467.7875 ..... BK-W ..... ..... ..... .....
467.8000 ..... BK-W ..... ..... ..... .....
467.8125 ..... ..... ..... KFC-W ..... .....
467.8250 ..... BK-W ..... ..... ..... ..... BB-W (I) WAB
467.8375 ..... ..... ..... ..... ..... WND
467.8875 ..... ..... ..... KFC ..... .....
468.0000 ..... ..... ..... ..... ..... ..... Specific use unknown
468.0250 ..... ..... ..... ..... ..... ..... Specific use unknown
468.0500 ..... ..... ..... ..... ..... ..... Specific use unknown
468.0750 ..... ..... ..... ..... ..... ..... Specific use unknown
468.1000 ..... ..... ..... ..... ..... ..... Specific use unknown
468.1250 ..... ..... ..... ..... ..... ..... Specific use unknown
468.1500 ..... ..... ..... ..... ..... ..... Specific use unknown
468.1750 ..... ..... ..... ..... ..... ..... Specific use unknown
468.2875 McD-W ..... ..... ..... ..... .....
468.3875 ..... ..... ..... KFC TB WND
468.5000 ..... ..... ..... ..... ..... ..... Specific use unknown
468.6750 ..... ..... ..... ..... ..... ..... Specific use unknown
469.0125 McD ..... ..... ..... ..... .....
469.0250 ..... ..... ..... ..... ..... ..... JIB
469.0875 ..... ..... ..... KFC ..... .....
469.1125 McD ..... ..... ..... ..... .....
469.1375 McD ..... ..... ..... ..... .....
469.1625 McD ..... ..... ..... ..... .....
469.1875 McD ..... ..... ..... ..... .....
469.3125 McD ..... ..... ..... ..... .....
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469.3375 McD ..... ..... ..... ..... .....
469.3875 McD ..... ..... ..... ..... .....
469.5125 McD-W ..... ..... ..... ..... .....
469.6250 ..... ..... ..... ..... ..... ..... Specific use unknown
469.7125 ..... ..... ..... ..... ..... ..... Specific use unknown
469.9375 ..... ..... ..... ..... ..... ..... Specific use unknown
469.9625 ..... ..... ..... ..... TB .....
479.2500 ..... ..... ..... ..... ..... ..... ARB
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4942. newbie question ...

Newsgroup: rec.radio.scanner
Date: 1994-11-04 21:34:52 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <783975236@f747.n115.z1.ftn>
Source record: 266172

-=> Quoting rich shaw to All <=-

rs> Hi all,
rs>
rs> Couldn't find any info on this from the mangaizes.
rs>
rs> Is there any other hand-held scanner except pro-43 triple conversion?

Hi, Rich...
There are several...some are out now, others are coming. The '43 is the most popular triple conversion. It is on the discontinuation list at Radio Shack and may no longer be available soon.

The Pro-62 is the latest triple conversion handheld that is out. Picks up the same as the '43 except for the military air band in the 200 to 400 Mhz range.

The Bearcat Uniden 2500 is triple conversion, though the unit can still pick up images, which most users don't want. Picks up about the same as the '43, with the additon of the Citizens Band. This unit is about to be disconinued. (if not already.)

An upcoming Pro 60, due out in Feb. 95 is the replacement for the '43. Details of this unit are still leaking out, but should be the same as the '62 with military air included.

The '62 has gotten favorable reviews so far on CompuServe.

The Uniden Bearcat 3000 handheld should be out in Dec. 94. Will have some extra features that the 2500 didn't have, and some removed.

Jerry

4943. RS scanners modifiable for military air freqs?

Newsgroup: rec.radio.scanner
Date: 1994-11-04 21:50:08 UTC
From: gt8303a@prism.gatech.edu
Message-ID: <39eaag$nu@acmey.gatech.edu>
Source record: 266173
Cross-posted to: rec.radio.scanner,rec.radio.swap

It's me again. Someone suggested I look in to the PRO-2026, and thought it might be modifiable to receive military aircraft. Is this true? If so, what does the mod involve? If not, are there any scanners out there that are reasonably priced, but can be modified to get military air frequencies? I've seen a gadget from Grove that allows less-fancy scanners to do this, but it costs around $100, money that I'd just as soon save for other uses later on. Thanks.

Andy

--
Andy Entrekin
gt8303a@prism.gatech.edu
(404) 355 - 6616

4944. Re: First Amendment?

Newsgroup: rec.radio.scanner
Date: 1994-11-04 21:52:21 UTC
From: davidm@iglou.com
Message-ID: <LqgkkK7gXroD073yn@iglou.com>
Source record: 266174

In article <Cyqvvn.B69@world.std.com>,
mr@world.std.com (Michael J Rollins) wrote:

> Has anyone else thought about the fact that this
> proposal to try outlawing digital cryptography is
> a major violation of the First Amendment? So is
> this recently passed Digital Wiretap garbage! Why
> are the civil liberty types rolling over for them?

[Let's see if I can figure out a way to respond to this without marking myself as major flame-bait...]

Someone correct me if I'm wrong (and I'm sure atleast 30 people will), but in every interpretation I've ever seen of the 1st amendment, while the amendment gives you the right to free speech, it does not give you the right to do it anywhere you darned well please, nor does it require that anyone go massively out of their way to provide you with a place to do it.

I realize this is a controversial subject, so I'm already bracing myself. If someone has seen something that would make my opinion wrong, I'd like to hear about it. If all you're going to do is flame, don't waste your time or your keystrokes...

David
davidm@iglou.com

4945. Re: Mobile scanners and military a/c freqs

Newsgroup: rec.radio.scanner
Date: 1994-11-04 22:05:59 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CyrK20.AE9@freenet.carleton.ca>
Source record: 266075

In a previous article, alacy@skew.com (skew) says:

>try the pro-2026! it is on sale for 149.00 and can be modded in literally 2
>minutes. It has 100 channels, and 5 band searches. Good deal.

Wrong answer... note that the original poster wanted to monitor mil a/c
The Pro-2026 does not cover 225-400 Mhz AM band!!! Unless you wish to
spend another $100.00 on a Grove CVR4 Scanverter. As far as I know you'll
have to either buy a used Pro-2004/5/6 or an AOR unit with the band you
want to hear.

>>I'm thinking about trying to find a scanner to mount in my car.
>>Are there any out there that will pick up military aircraft?
>>I know the PRO-43 will, as I had one for a month or so (until
>>I got the bill and couldn't afford it). I found that I mostly
>>listened in my car, so I am more likely to buy one that I can
>>mount in the car. If anyone has any information about such a
>>rig, or has one that they are trying to sell, PLEASE email me.
>
>>Thanks,
>>Andy Entrekin
>>gt8303a@prism.gatech.edu
>
>>--
>>Andy Entrekin
>>gt8303a@prism.gatech.edu
>>(404) 355 - 6616
>
>

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

4946. Re: Police Mods

Newsgroup: rec.radio.scanner
Date: 1994-11-04 22:28:14 UTC
From: kaweiss@silver.ucs.indiana.edu
Message-ID: <CyrL33.Fyr@usenet.ucs.indiana.edu>
Source record: 266076

Radar detector *detectors*??? Egads. How do they work? -Pete.

4947. Re: Caller ID

Newsgroup: rec.radio.scanner
Date: 1994-11-04 22:39:16 UTC
From: fd@wwa.com
Message-ID: <39ed6k$4b4@sashimi.wwa.com>
Source record: 266077

Shawn4sk1 (shawn4sk1@aol.com) wrote:
: Kinda wild! We just got Called ID on Tuesday and of course with me and my
: gadgets, I got it on.... Tuesday! :-)

: That's what I like about this group- always something creative going on!
: So who's going to be the first to tell me how to wire up a cord that will
: have an RCA on one end and the phone jack on the other? I have two phone
: lines so I can call and see if it really works- I have a cordless, a
: Caller ID box and a PRO 2006...

: I like the EDUCATION!

Listen on the scanner and see if you hear the databurst between the first
and second rings...

You can hear it on the phone line, if you monitor the line without make
it go off-hook.

If you can't hear it on the scanner... you need a different model phone.
Some may, some maynot send it.

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback?
email for uuencoded .TIF of T-Shirt Honoring the FBI
Remember, fd _IS FOR_ Full Disclosure!

4948. Need help, can't receive CHP mobiles

Newsgroup: rec.radio.scanner
Date: 1994-11-04 22:58:48 UTC
From: jim@ttech.com
Message-ID: <jim-041194145848@jimsmac.ttech.com>
Source record: 266078

I have two RS PRO-43 scanners. I cannot receive the CHP mobiles unless they are only several miles away. I receive the base stations with no problem. I have all of the mobile and base freq's programmed into my scanner. Is it not possible to receive the CHP mobiles using just the rubber duck antenna?

Thanks for the help,

+-Jim
jim@ttech.com

4949. Pro-2006 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-11-04 23:16:12 UTC
From: bjm@col.hp.com
Message-ID: <39efbs$r4l@hp-col.col.hp.com>
Source record: 266079

Radio Shack Pro-2006 For Sale

This is a like-new unmodified Pro-2006 complete with original box and receipt. This unit is less than 3 months old. I do not enjoy scanning as much as I thought I would. Asking $330.00 and I will pay reasonable shipping and COD charges.

Also, I will include a RS telescoping BNC mount antenna with 90 degree adapter.

Home phone (719) 481-4823 Please do not call after 9PM Mountain Time.

Regards,

Brent Mirchandani KB0LUE
bjm@col.hp.com

4950. Realistic Pro-34 scanner receiver (800 MHz restored) *FOR SALE*

Newsgroup: rec.radio.scanner
Date: 1994-11-04 23:18:48 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <783975237@f747.n115.z1.ftn>
Source record: 266080

-=> Quoting MikeW26532 to All <=-

Mi> Realistic Pro-34 hand-held scanner receiver, with 800MHz coverage
Mi> restored. 200 channels, 50 channel per second scan rate. In like-new
Mi> condition, perfect working order; no problems of any kind. In original
Mi> box with manual, original flex antenna, plus Ni-Cad battery pack and
Mi> wall charger. $180 + shipping from DC area. Reply via email to

50 cps scan rate? On the '34?! Never got that kind of rate on my unit.
Is this unit modified for this rate?

Jerry

4951. Re: Replacement Batteries for BC2500

Newsgroup: rec.radio.scanner
Date: 1994-11-04 23:21:54 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <783975238@f747.n115.z1.ftn>
Source record: 266081

>>The place in CA you mention is:
>
>> Mudshack, Inc.
>> 6512D Elcajon Blvd.
>> San Diego, CA 92115
>
>>They are listing the price for 1-3 packs at $21.95 ea., 4 and up $18.95
>>ea., all prices include shipping...anybody deal with these folk and have
>

Is this price for the batteries only or do they come with the case? I
just spent $35 each for the packs in the case.

Jerry

4952. Strange (?) reception - PRO34

Newsgroup: rec.radio.scanner
Date: 1994-11-04 23:24:04 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <783975239@f747.n115.z1.ftn>
Source record: 265881

-=> Quoting Steve to All <=-

St> On my PRO34, I receive what sounds (to me) like an unmodulated
St> carrier, which slowly (very slowly) rises in frequency, starting at
St> approx 150.000MHz, going up to 160.000+ Mhz or so. The change is
St> very gradual; I can listen, for instance, to the Co. Sheriff
St> (155.415), where the carrier will slowly "rise" to the frequency,
St> interfering with the reception of the Sheriff. I can increase the
St> squelch, and this works until the carrier keeps the squelch open (full
St> squelch). Then, the carrier slowly drifts higher, I can reduce the
St> squelch, and everything is ok again - the carrier slowly slides onward
St> up the frequency scale.

I wonder if this is the 'floating' birdie phenomenon. I have heard of
this occuring in many receivers but I haven't noticed it. Perhaps I have
never noticed it.

Jerry

4953. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-04 23:25:07 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <783975240@f747.n115.z1.ftn>
Source record: 265880

-=> Quoting Jeffrey Valley to All <=-

JV> Gary Baumgarten (ad225@detroit.freenet.org) wrote:
JV> : Why would anyone want to monitor fast food drive through
JV> : frequencies? I can't imagine the conversations being that
JV> : interesting.
JV> : Gary
JV> : ad225@detroit.freenet.org
JV>
JV> NO! NOT AGAIN, Please.

Yep...Here we go again. <g> If it isn't this, it's whether it's OK to bring scanners on airplanes.

Jerry

4954. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-04 23:28:42 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <783975241@f747.n115.z1.ftn>
Source record: 266082

-=> Quoting Gary Baumgarten to All <=-

GB> What do you mean, NO NOT AGAIN! I'm I missing
GB> something here.
GB>
GB> I mean, what's so interesting about listening to someone say
GB> "give me a burrito supreme and a Pepsi"?

Take a listen sometime. It's not the ordering that can be interesting listening. It's the 'behind the scenes' stuff. Yes, you can catch up on who is hot and who is not in the local high school. Hear what they are saying about some of the customers.

The radios they use double as an internal communications system. For example, I heard at the local BK how hard a new worker was cleaning the windows. Boy, was she impressed and wanted to know if he would come over and do her windows.

Jerry

4955. Shuttle frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-05 00:14:32 UTC
From: control@qms.ebay.sun.com
Message-ID: <39eip8$fub@male.EBay.Sun.COM>
Source record: 266083

Anyone know the frequencies for the just-launched shuttle?

Sabu

4956. Is ATT-9120 cordless phone really scrambled?

Newsgroup: rec.radio.scanner
Date: 1994-11-05 00:22:46 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-041194171546@lisaraip7.llnl.gov>
Source record: 266084

Question:

The owners manual for the ATT 9120 900 Mhz cordless phone states "the 9120 scrambles you voice before it transmits it." Are they blowing smoke or do they consider digitizing to be scrambling?

Since the phone has 10 channels, if there were eleven 9120's phones used near each other, would one of the phones be able to hear anothers call 'in the clear'?

Thanks,
Gary

All opinions expressed above are not those of LLNL.

Gary Ross ROSS@NOVAX.LLNL.GOV
Shot Director ROSSMAN@AOL.COM
Nova Laser Operations
Lawrence Livermore National Lab.
P.O. Box 808 L-489
Livermore, CA 94551

4957. Re: Calif. Cellular Telephones: Price =

Newsgroup: rec.radio.scanner
Date: 1994-11-05 01:55:24 UTC
From: g9153402@huey.csun.edu
Message-ID: <39eomc$ltp@nic-nac.CSU.net>
Source record: 266112
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

charlie cremer (cremer@delphi.com) wrote:

> >The problem is you're being forced into these deals, in which often
> >the only one really benifitting from some of the onerous contracts
> >are the cellular retailers. How would you like it if grocery stores
> >started to demand that if they're going to sell you groceries at
> >a reasonable price, that you must sign a contract saying you will
> >shop there for at least a year and agree to buy so much. And if
> >you don't you'll be charged an early termination fee of several
> >hundred dollars? People would be up in arms if this was the case
> >with grocery stores, but this is what is happening with cellular
> >retailers, but is far worse if you really knew what they were up to.
>
> Ahem, you've just described a Co-Op. There are thousands of them all over
>the country. For groceries, heating and motor fuel, for farm equipment and
> for lots of other "quantity buying" deals. I ain't heard no screaming.

What I'm saying is your "forced" to buy this way, with slick-talking
salesmen ready to take you to the cleaners. How would you feel if
EVERY grocery store in town did the same thing. Saying you're obligated
to buy such and such every month, and if you don't, you must pay them
a $1000 dollars. You absolutely couldn't comparison shop anymore, and
stores wouldn't have to advertise as much, or have sales, since their
customers are stuck buying from them, or they will starve. But if
you really knew all the crap and lies cellular retailers do in
California, in ripping off the public, then you would understand why
they have this law, even though the enforcement of it I see as quite lax.
It has nothing to do with free enterprise, but with consumer protection.

4958. I NEED FREQUNECIES FOR RENO NV

Newsgroup: rec.radio.scanner
Date: 1994-11-05 02:10:10 UTC
From: tbakken@scs.unr.edu
Message-ID: <39epi2$7jb@silver.scs.unr.edu>
Source record: 266085

I have the Police Call stuff and Beyond police call stuff does anyone have the business frquencies or anything else that is interesting for that matter.

```
__________ ___________ Thank You,
/ / // __ / -/\- /-----------------/
/___ ___/ // __/ / -/\- --Troy Bakken
/ / // < -/\- /-----------------/
/ / // ___ \ -/\- tbakken@scs.unr.edu
/ / // ___/ / -/\- /-----------------/
/___/ /___________/ 'May the force be with you, Always.'
```

4959. PRO-51 ***STILL*** gets cellular!!

Newsgroup: rec.radio.scanner
Date: 1994-11-05 02:24:47 UTC
From: schuster@panix.com
Message-ID: <39eqdf$9rg@panix3.panix.com>
Source record: 266110

Wow, are heads going to roll.
Special thanks to CompuServe Hamnet member Howard Bornstein, and sysop
Jeff Goldman, for publishing this and for permission to re-post:

**********begin quoted text**********8

Here we go again!

A couple of months ago, Radio Shack, under orders by the FCC, pulled from their shelves, all stock of PRO-51s, PRO-23s, and PRO-46 scanners. These scanners are made for Radio Shack by Uniden Corporation. Apparently the reason for this drastic action was that these scanners had a special mode that loaded "test" frequencies into the channels -- a mode which was available by a special keyboard combination. One of the test frequencies fell within the cellular base band.

Because these scanners were made for Radio Shack, they all included Radio Shacks "direct search" feature. This feature allows one to search up or down from any frequency loaded in a scan channel. This feature, combined with the test frequency allows a user to directly search within the cellular range.

What is particularly puzzling here is that all of these scanners can receive cellular images at 21.6 Mhz above the fundamental frequency. These images are as clear as the original broadcast. So to pull the units because they can be "tricked" into searching cellular directly seems odd at best.

In any case, new PRO-51s have recently been appearing in Radio Shack stores. These units have been "modified" to eliminate the offending test mode. Now, when you try test mode 1 (as described in the document PRO51.TST in the Scanning Library), instead you get the frequencies in test mode 2. There are no out-of-band frequencies in test mode 2, so this mode is generally considered useless to scanner listeners.

Apparently, Uniden did not put much care in their "modification" as it is still possible to load the PRO-51 with the useful test mode 1 frequencies, even in the "new" PRO-51s.

First, hold down BAND, 2 and 9 while turning On the scanner. (You'll see all the features of the display window repeatedly lighting up from left to right.)

Then, while that's happening, hold down L/O, 2 and 9. Within a second or so the scanner start scanning. The freqs it'll be scanning are the original Test Modes ones (including the ones that give you both European midband and US cellular).

ATTENTION JERRY SMITH or MIKE SCHUSTER: Feel free to post the above on the Internet, but please give credit to the CompuServe HamNet Forum. Thanks!

- Jeff, Sysop

PS Thanx to Grove Enterprises/Monitoring Times for the above info.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4960. Re: Pro-2006 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-11-05 03:19:28 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-041194201939@lisaraip7.llnl.gov>
Source record: 266086

In article <Cypovy.Ct5@sdf.saomai.org>, cc@sdf.saomai.org (Charles
Copeland) wrote:
> >Home phone (719) 481-4823 Please do not call after 9PM Mountain Time.
>
> RS has them on sale for $350, start a account and get 10% off that.
> So for $320 you get a new one with a warranty.

They may be on sale (closeout), but they have been long sold out in these
parts.

Gary

All opinions expressed above are not those of LLNL.

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4961. Re: PRO-43 Cases??

Newsgroup: rec.radio.scanner
Date: 1994-11-05 03:21:49 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-041194202312@lisaraip7.llnl.gov>
Source record: 266028

In article <398vat$6to@hp-col.col.hp.com>, petea@col.hp.com (peter arebalo)
wrote:
>
> Greetings All:
>
> Although I saw a recent thread on cases for the PRO-43, I didn't own one
> at the time and am now in the need of a case. I would prefer something
> light and not to bulky. Can someone make a recommendation???

Howard Bornstein make a custom leather case for the PRO-43 (and others).
You can reach him at <76174.637@compuserve.com>.

Gary

All opinions expressed above are not those of LLNL.

Gary Ross ROSS@NOVAX.LLNL.GOV
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Livermore, CA 94551

4962. Re: What Freq is TV Chan 54?

Newsgroup: rec.radio.scanner
Date: 1994-11-05 03:42:47 UTC
From: g9153402@huey.csun.edu
Message-ID: <39euvn$sgm@nic-nac.CSU.net>
Source record: 266106

Joe Cacciatore (jocatch@vnet.ibm.com) wrote:
> I can pick up my local TV chan 54 on my IC 2SRA on 921.66 mhz
but I can not pick it up on my BC 8500 or Pro 2022 on 921.66.
I assume the Icom (a 2 meter HAM HT and scanner) is cheaper than
the base units. I would like to program chan 54 directly into my
8500 but don't know the freq. Anyone know what the audio freq of 54 is?

UHF Channel 54 audio is at 715.75 Mhz (WFM). If you're getting it
somewhere else, you're either receiving it as an image, or possibly
a studio-to-transmitter link. Scanner guides often have these frequencies
listed. I know for a fact these frequencies are listed in Police Call,
since this is where I looked this up for you, which you can get at
Radio Shack.

4963. RS-2006 Touch Tone Decoder Needed

Newsgroup: rec.radio.scanner
Date: 1994-11-05 03:47:24 UTC
From: g9153402@huey.csun.edu
Message-ID: <39ev8c$sgm@nic-nac.CSU.net>
Source record: 266114

Anyone know of an inexpensive device I can connect to my Radio Shack PRO-2006, that will decode touch tone for me that is heard. Maybe something with a small LCD display that I can just plug into the tape-out jack in back would be best. Any suggestions on where to buy one?

4964. Re: Secret service freq, president

Newsgroup: rec.radio.scanner
Date: 1994-11-05 04:07:09 UTC
From: danm@pnw.net
Message-ID: <39f0dd$l8a@cascade.pnw.net>
Source record: 266089

In article <39cusp$mjg@umcc.umcc.umich.edu>,
Tim Tyler <tim@umcc.umcc.umich.edu> wrote:

> Best bet for actually hearing the President when he's in town
>would be tuning to 154.57 (or 154.60) & 35.020MHz, NBFM.

****
* WARNING! The following material was composed and sent by a *
* white male - a known oppressor of women and minorities and *
* the sole cause of all problems on this earth. Readers are *
* cautioned to examine these materials at their own risk. *
****

Tim, you dog! You really shouldn't put the rest of us on like
that! You don't really expect a guy who makes his aides phone from AF-1 for
help on a crossword puzzle to make his own orders for Big Mac's, fries
and shakes at the drive up window do you?

--
==
+ Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ... +
+ Auburn, WA | and whoever is playing against the New York Mets! +
+ GEnie:D.MORISSEAU |I-NET:danm@andes.pnw.net (pref) OR danm@prostar.com +

4965. Santa Fe Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-05 04:24:46 UTC
From: sxs@lanl.gov
Message-ID: <39f1ee$cd0@newshost.lanl.gov>
Source record: 265961

Does anybody have police frequencies for Santa Fe or any other
frequencies for Santa Fe?

Thanks in Advance

--
Steve Sydoriak
sxs@lanl.gov

4966. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-05 04:30:31 UTC
From: bobj@netaxis.com
Message-ID: <39f1p7$2l0@eliza.netaxis.com>
Source record: 266090

Well, I found the frequency to Taco Bell at 464.9625. Thanks to all who responded. I never thought a simple question about Taco Bell would have created a thread with 20 responses.

4967. Re: Radio ratings by monitoring car recievers?

Newsgroup: rec.radio.scanner
Date: 1994-11-05 04:37:18 UTC
From: bobj@netaxis.com
Message-ID: <39f25u$2l9@eliza.netaxis.com>
Source record: 266091

john wierzbicki ec (wierz@flamingo.cad.melpar.esys.com) wrote:

: |> If your interested, 100.3+10.7 X 4 = 444.000.
: |>
: |> Sean

: Last time I checked, 100.3 + 10.7 x 4 = 143.1 .

I believe he meant (100.3 + 10.7) * 4 = 444.000 .

Remember: "Please Excuse My Dear Aunt Salley"

4968. Re: Police Mods

Newsgroup: rec.radio.scanner
Date: 1994-11-05 04:39:51 UTC
From: bobj@netaxis.com
Message-ID: <39f2an$2le@eliza.netaxis.com>
Source record: 266092

Brent M. Combs (combsb@ucs.orst.edu) wrote:

: > I was driving on the 401 in Toronto, many years ago, and passed either
: > a Toronto or an OPP patrol car. There was a loud, pulsating squeal on my CB,
: > and I wondered if it wasn't some kind of jamming signal. I'd be interested,
: > too, to see if there was a mod out there to get rid of it.
: > Pete Womack.

: This is not some sort of expensive jamming signal. First of all, the FCC would
: never allow such a device for such purposes.

Does the FCC have jurisdiction in Canada?

4969. Re: Get a life

Newsgroup: rec.radio.scanner
Date: 1994-11-05 05:34:15 UTC
From: kjn@netcom.com
Message-ID: <kjnCys4t4.A7o@netcom.com>
Source record: 266098

Don Ritchie K8ZGW says:
" Will SOMEONE please help me understand just why in the
" world ANYONE would want to listen to a fast food drive thru.

I plug in a few of the more common freqs so that when I'm on the hwy and
getting hungry, I can punch the bank with the FFR (fast food rest...) and
can see what's coming up in the next mile of so.

Also while waiting in line for the drive up, you can hear some of the
service people inside as they use the things for intercoms and say some really
stupid things. I wouldn't want to make a hobby of listing to FFRs but for
the few minutes I'm trapped in line it can be an interesting diversion.

BTW, I *do* have a life... :)

--
Ken Navarre

4970. Re: Drive Thru "radio"

Newsgroup: rec.radio.scanner
Date: 1994-11-05 05:38:15 UTC
From: kjn@netcom.com
Message-ID: <kjnCys4zr.BK6@netcom.com>
Source record: 266097

Don Ritchie K8ZGW asks:
" Will someone please explain just why ANYONE would want
" to listen to a fast food drive thru window.

" Lets get a life folks.

A similar question pleads to be asked...
Why two posts on this topic? Are you really *that* curious about it???

Life abounds in different venues... while you're getting yours, others are
doing quite well thank you.
--
Ken Navarre

4971. Re: Need help, can't receive CHP mobiles

Newsgroup: rec.radio.scanner
Date: 1994-11-05 05:44:42 UTC
From: kjn@netcom.com
Message-ID: <kjnCys5AJ.CA6@netcom.com>
Source record: 266093

Jim Wayda says:
" I have two RS PRO-43 scanners. I cannot receive the CHP mobiles unless they
" are only several miles away. I receive the base stations with no problem. I
" have all of the mobile and base freq's programmed into my scanner. Is it
" not possible to receive the CHP mobiles using just the rubber duck antenna?

That's not too uncommon a situtation, Jim. Even though the antennas are
"loaded" to the correct wavelength, the capture area is quite small. By
sticking on one of the telescoping antennas (like 2 meter 5/8 wave) the
capture area of the antenna is greatly increased and you'll notice
significantly increased reception. The downside is the several feet of
chrome sticking off the top of the radio... not the best feature on a
handheld radio...

regards;
--
Ken Navarre

4972. Re: Wanted:Freqs for Burbank, CA

Newsgroup: rec.radio.scanner
Date: 1994-11-05 06:25:16 UTC
From: kdahlqui@news.delphi.com
Message-ID: <39f8gc$o0f@news.delphi.com>
Source record: 266117

```
Burbank PD Blue 1 Dispatch 470.2375
Burbank PD Blue 2 Records 470.2875
BPD Blue 3 Tact 470.1625
BPD Blue 4 Detectives 470.0625

Verdugo Fire Protection Authority (Bur, Glendale, Pasadena)
Red-1 Bur Tactical 470.1375
Red-2 Glendale Tac 470.2625
Red-3 Pasadena Tac 482.2375
Red-4 DISPATCh (ALL) 470.2125
Red-5 CommandBur 482.3875
Red-6 Bur Fireground 460.4875
Red-7 Gln Fireground 460.5625
Red-8 Pasa Fireground 460.5875
```

4973. Re: Need help, can't receive CHP mobiles

Newsgroup: rec.radio.scanner
Date: 1994-11-05 06:27:49 UTC
From: kdahlqui@news.delphi.com
Message-ID: <39f8l5$o34@news.delphi.com>
Source record: 266109

YOu may want to try an outdoor antenna. It is difficult to hear the mobiles, even with a good antenna. Read the front section of POLICE CALL to understand why.

Karl Dahlquist

4974. PRO-2022

Newsgroup: rec.radio.scanner
Date: 1994-11-05 11:15:42 UTC
From: tony@viggy.win-uk.net
Message-ID: <2@viggy.win-uk.net>
Source record: 266096

I have just purchased a PRO-2022 and I need an operating manual or some operating instructions. Anyone know of interesting freq in uk? Your help would be most appreciated.

Thanks
Tony

4975. Mobile scanners and military a/c freqs

Newsgroup: rec.radio.scanner
Date: 1994-11-05 11:56:00 UTC
From: jason@cpubbs.cuug.ab.ca
Message-ID: <a1b6_9a8b6b1a@cpubbs.cuug.ab.ca>
Source record: 266035

>>I'm thinking about trying to find a scanner to mount in my car.
>>Are there any out there that will pick up military aircraft?

> try the pro-2026! it is on sale for 149.00 and can be modded in
> literally 2
> minutes. It has 100 channels, and 5 band searches. Good deal.

You need to modify a 2026 to hear military aircraft?

jason low jason@cpubbs.cuug.ab.ca derran@sdf3.cpubbs.cuug.ab.ca
REMR - Pump-A - Parts 1 & 2 - Driver - V-X Tech - Trench Tech - General Peon

4976. Re: Get a life

Newsgroup: rec.radio.scanner
Date: 1994-11-05 14:51:10 UTC
From: g9153402@huey.csun.edu
Message-ID: <39g64u$a0s@nic-nac.CSU.net>
Source record: 266104

Don Ritchie K8ZGW (k8zgw@hamnet.wariat.org) wrote:
> Will SOMEONE please help me understand just why in the
> world ANYONE would want to listen to a fast food drive thru.
>

You are a blind person driving your car into the drive-up at McDonald's.
You have your scanner to listen in so you can hear what they serve,
since you can't read the menu.
You see, it's rather simple. But please tell me in advance where this
blind driver is driving next, so I can get out of the way. :)

---Sort of reminds me why at Wells Fargo Bank they have braille
instructions at many of their drive-up ATMs.

4977. Re: Get a life

Newsgroup: rec.radio.scanner
Date: 1994-11-05 15:01:52 UTC
From: gene@mcs.com
Message-ID: <gene.34.001B401E@mcs.com>
Source record: 266061

In article <Cyt6yL.1I4@freenet.carleton.ca> ad607@FreeNet.Carleton.CA (Darrell A. Larose) writes:
>From: ad607@FreeNet.Carleton.CA (Darrell A. Larose)
>Subject: Re: Get a life
>Date: Sat, 5 Nov 1994 19:18:21 GMT

>In a previous article, k8zgw@hamnet.wariat.org (Don Ritchie K8ZGW) says:

>>Will SOMEONE please help me understand just why in the
>>world ANYONE would want to listen to a fast food drive thru.
>>
>So you will know if the Fat person in front of you ordered 3 Big Macs!
>(GRIN!!!)
YOU CANT ORDER BIG MACS AT TACO BELL DING DONG

>--
>Darrell A. Larose.... ad607@freenet.carleton.ca
> "..Just hitchhiking along the info highway..."
>
>

4978. FIRE DISPATCH DIGITAL MDT

Newsgroup: rec.radio.scanner
Date: 1994-11-05 15:50:05 UTC
From: Anthony LaBella <72737.2400@CompuServe.COM>
Message-ID: <39g9jd$313$1@mhade.production.compuserve.com>
Source record: 265877

The NYC FIre Dept. is now dispatching units via MDT's or mobile data
termionals. I think they are using Motorola gear. Does anyone know
how to decode this stuff **OR** where/how to buy (OUCH!!) the gear
that will do it?
--
Anthony LaBella, Esq.
Attorney-at-Law
Conservative
Life Member of N.R.A.

4979. Re: time via radio

Newsgroup: rec.radio.scanner
Date: 1994-11-05 15:52:00 UTC
From: Wolfram_Lewe@lippebox.fido.de
Message-ID: <b2217def@p216.f6301.n243.z2.fidonet.org>
Source record: 265884

Ed Lieser # iccgcc.cs.hh.ab.com@242:4900/99.0 had a question concerning
"time via radio" on 28th of Oktober 1994

lichac> Recently I saw an ad in the British "short wave" magazine for
lichac> a clock controlled by radio signals labelled "DCF77" and "MSF".
lichac> Can anyone tell me where the transmitters are located and at
lichac> what frequency they transmit?

Hallo, Ed,
as far as I know, the DCF77-signal is broadcast from the Technical
University Braunschweig (Germany). They have an atomic clock installed
there.
The frequency is round about 77 kHz.(Yes kHz, not Mhz) Therefore a
reception of the signals with a radio-controlled clock is possible in the
whole of Europe as far as I know.

Please let me know, whether you have received this message since I have
never sent a mail on REC.RADIO.SCANNER. Thanks!

Bye, Wolfram

-----------------------------------\ :^\ ________
\ Wolfram Lewe \ |__`______-'___:___;\ ____|
>FIDO: 2:243/6301.216 or Internet >-----__ ========== |)
/ Wolfram_Lewe@lippebox.fido.de / ~~~~~~~~~~~~~~~~~~~~~~'|
-----------------------------------/

4980. Re: Radio ratings by monitoring car recievers?

Newsgroup: rec.radio.scanner
Date: 1994-11-05 16:03:16 UTC
From: rdcole@crl.com
Message-ID: <39gac4$i9t@crl9.crl.com>
Source record: 265960

john wierzbicki ec (wierz@flamingo.cad.melpar.esys.com) wrote:
: In article <39anmp$a61@netnews.upenn.edu>, caldwe33@futures.wharton.upenn.edu (Sean Caldwell) writes:
: |>
: |> Yes this can work, on a limited basis for FM radios in the states.
: |>
: |> I work for a radio station in Philadelphia at 100.3 If you have a
: |> scanner or amateur radio in your car tuned to 444.000, you will notice
: |> signals come and go as cars pass you by if they are listening to 1003.
: |> My radio in my car, however, does not emit the same signal. Some radios
: |> are better than others at blocking emmission of the if/frequency.
: |>
: |> If your interested, 100.3+10.7 X 4 = 444.000.
: |>
: |> Sean
: |>
: |>

: Last time I checked, 100.3 + 10.7 x 4 = 143.1 .

That should of read (100.3 + 10.7) x 4 = 444.000

Ron Cole Internet:rdcole@crl.com ICBM:29 31.03 N
N5HYH CIS:70325,102 98 25.55 W
CE KZEP/KHBL AX25:N5HYH @ K3WGF.STX.NA

4981. Re: Cordless Scanner Law Is Banned

Newsgroup: rec.radio.scanner
Date: 1994-11-05 17:46:48 UTC
From: dseitel@crl.com
Message-ID: <39gge8$k26@crl9.crl.com>
Source record: 266094

Ken Navarre wrote:
> If they wanted to REALLY protect the privacy of individuals using
> cordless/cellular technology then require the *manufacturers* of the
> equipment to install sophisticated encryption devices on every phone.
...
> Naw... that'd never happen.
> Would it?

No. If you look at what policy makers do in light of the interests of the monied and powerful in our society, you will see those interests being, in the words of Adam Smith, "peculiarly attended to". The rest of us can go to hell--or go amuse ourselves with our ballot boxes.

The scanner spectrum blot-outs are but one example of this pandering.

David S. Eitelbach
dseitel@crl.com

4982. Re: Newspaper quoting traffic heard on a scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-05 20:21:29 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Nov5.122129.4772@cmkrnl>
Source record: 266036

In article <399lt0$9b1@newsbf01.news.aol.com>, scan911@aol.com (SCAN911) writes:
> As to the Comm Act of 1934, it does not prohibit the publication of comms
> heard. It DOES, however, prohibit the use of what ones hears on the
> airwaves for monetary gain. One might argue that the newspaper is a
> for-profit enterprise and it is making money off what it hears by
> publishing it. The law also states that one may not divulge to others
> what is heard.

And publishing doesn't count as "divulging to others"? Think again.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

4983. Re: Get a life

Newsgroup: rec.radio.scanner
Date: 1994-11-05 20:22:24 UTC
From: jwood@iglou.iglou.com
Message-ID: <1994Nov5.202224.26711@iglou.com>
Source record: 266037

-=> Quoting Ad607@freenet.carleton.ca to All <=-

Ad> In a previous article, k8zgw@hamnet.wariat.org (Don Ritchie K8ZGW)
Ad> says:
>Will SOMEONE please help me understand just why in the
>world ANYONE would want to listen to a fast food drive thru.
>
Ad> So you will know if the Fat person in front of you ordered 3 Big Macs!
Ad> (GRIN!!!)

Yea or maybe he's getting the 4 for $4 ha ahaa haaa

Ad> --
Ad> Darrell A. Larose.... ad607@freenet.carleton.ca
Ad> "..Just hitchhiking along the info highway..."

___ Blue Wave/QWK v2.12

--
===
|Internet:jwood@iglou.com | Amateur Call N8PPB | Located In Milford,Oh|
|Fidonet :1:2350/100 |n8ppb@n8lhg.#cinn.oh.usa| just east of Cinn,Ohio|
===

4984. Re: Secret service freq, president

Newsgroup: rec.radio.scanner
Date: 1994-11-05 20:25:43 UTC
From: mupmw7@uxa.ecn.bgu.edu
Message-ID: <39gpo7$5e3@news.ecn.bgu.edu>
Source record: 266099

Dan Morisseau (danm@pnw.net) wrote:
: In article <39cusp$mjg@umcc.umcc.umich.edu>,
: Tim Tyler <tim@umcc.umcc.umich.edu> wrote:

: > Best bet for actually hearing the President when he's in town
: >would be tuning to 154.57 (or 154.60) & 35.020MHz, NBFM.

The president uses a general business band???????? The freq you can go
into radio shack and use to transmit.... Hmmmm.......

: **
: * WARNING! The following material was composed and sent by a *
: * white male - a known oppressor of women and minorities and *
: * the sole cause of all problems on this earth. Readers are *
: * cautioned to examine these materials at their own risk. *
: **

: Tim, you dog! You really shouldn't put the rest of us on like
: that! You don't really expect a guy who makes his aides phone from AF-1 for
: help on a crossword puzzle to make his own orders for Big Mac's, fries
: and shakes at the drive up window do you?

: --
: ==
: + Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ... +
: + Auburn, WA | and whoever is playing against the New York Mets! +
: + GEnie:D.MORISSEAU |I-NET:danm@andes.pnw.net (pref) OR danm@prostar.com +

--
|---|
Peter M. Woolsey, Jr. Western Illinois University
(E-mail: mupmw7@uxa.ecn.bgu.edu)
"I don't want the world, I just want your half."
-They Might Be Giants
|---|

4985. help needed with BC250

Newsgroup: rec.radio.scanner
Date: 1994-11-05 22:54:00 UTC
From: hirschj@vax2.concordia.ca
Message-ID: <5NOV199417541607@vax2.concordia.ca>
Source record: 266038

Help, my BC250 just died. It was working fine scanning between
35 MHz and 49 MHz when the display started flashing at around
48 MHz and a loud noise came from the speaker in sync with the
flashing of the display. Suddenly it started working fine again.
A while later it did it again, but this time the incident ended
with the display going dead. It now has a permanent intermittent
problem: turning the unit on and off sometomes results in a blank
screen in the on state but the clock resets and displays in the off
mode; other times the display is blank except for one or several
dots in the on state while it is blank in the on position.
Sometimes in the on position their is white noise from the
speaker, other times there is nothing. Does anyone have any ideas?
--Jack

4986. Pro-2006 Lamps?

Newsgroup: rec.radio.scanner
Date: 1994-11-06 00:18:58 UTC
From: bartdoug@acusd.edu
Message-ID: <CytKvn.9t9@pwa.acusd.edu>
Source record: 266039

Posted this once, but never saw it so I thought I'd try again.

Since the 2006 has been discontinued I though I'd call my local Radio Shack to see how much replacement bulbs for it would cost. I was told that you had to replace an entire board, and that the cost is $80. This does not sound right to me, so I thought I'd ask if anyone here has had experience changing the display lamp in a 2006.

Mine is brand new, but the manual says that the lamps can burn out, so use it sparingly. Any truth to this? How long do they last? Are there cheap replacement parts available? Any help is welcome, thanks in advance for posted replies.

Doug

"No free man shall ever be debarred the use of arms. The strongest reason for the people to retain the right to keep and bear arms is, as a last resort, to protect themselves against tyranny in government." - Thomas Jefferson

"Sometimes, I guess, there just aren't enough rocks."
- Forrest Gump

4987. Re: Need help, can't receive CHP mobiles

Newsgroup: rec.radio.scanner
Date: 1994-11-06 00:54:04 UTC
From: Alan Shen <kermee@u.washington.edu>
Message-ID: <Pine.A32.3.91a.941105165243.38211A-100000@mead2.u.washington.edu>
Source record: 266041

On Fri, 4 Nov 1994, Jim Wayda wrote:

> I have two RS PRO-43 scanners. I cannot receive the CHP mobiles unless they
> are only several miles away. I receive the base stations with no problem. I
> have all of the mobile and base freq's programmed into my scanner. Is it
> not possible to receive the CHP mobiles using just the rubber duck antenna?
>
> Thanks for the help,
>
> +-Jim
> jim@ttech.com
>

With a good external scanner, you can only pick mobile units RELIABLY at
about 10-15 miles. With a rubber ducky... I would only expect about 5 miles.

- Dan

Daniel Kao | Cellular Phone/Voxmail | "It has always been
E-mail: rvkc60e@prodigy.com | and Digital Pager: | easier to destroy
Prodigy: RVKC60E | (206) 791-8032 | then to create."
Living in the great PNW | Call 24 hours a day | - Spock
Olympia, WA (KB7GFE) | 7 days a week. | Star Trek III

Please,
Send me E-mail after encrpyting it with PGP if needed or whenever possible.
Thanks.

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6

mQCNAi6psw0AAAEEALUa8IuCunQEw16v75fYL5o/LSffGC/MIF0J8ew2xpdlSdfL
cwkVrmgjqh/6yHn3RnZYISvaSWxBsmtdAxV5iYmRjVk/4jPoz2jzUQI6LiNJL8ul
mQs2tdlym9LP8JZgoHj+AXKM9pKQ13aZx/VTM3x5pG6wHJ9+MkmOSxxOURApAAUR
tCNEYW5pZWwgUC4gS2FvIDxydmtjNjBlQHByb2RpZ3kuY29tPg==
=kqCi
-----END PGP PUBLIC KEY BLOCK-----

4988. Re: Need recommendation on the pro-43 mods ...

Newsgroup: rec.radio.scanner
Date: 1994-11-06 03:27:24 UTC
From: g9153402@huey.csun.edu
Message-ID: <39hies$6uh@nic-nac.CSU.net>
Source record: 265887

Reider. Richard 286-6457 (reider@acrux.GSFC.NASA.GOV) wrote:

> You know what else kills me? I saw a post for the cell mod for the 2006 for
> $20. I could do about 100 2006s in 1 hour so thats 100@ 20 or $2000 / hr
> Shewwey .... Somebody is crazy!

WHAT A COINCIDENCE! I posess those skills too... But I'll underbid even
you. I'll do it for $10.00, and the person who wants it done does not
even have to supply me with the two very sophisticated electronic tools
I need to do such an operation: A phillips screwdriver and a small pair
of wirecutters. Oh, boy. I'm rich. :)

4989. Is it WFM, NBFW, AM, CW, or ???

Newsgroup: rec.radio.scanner
Date: 1994-11-06 03:28:43 UTC
From: browere@einstein
Message-ID: <39hihb$fo6@nic-nac.CSU.net>
Source record: 266043

Okay, simple enough question- here goes...

I understand (basically) the differences between NBFM, WFM, CW, AM, SSB, etc.
However, I do not have any idea where each type is used on the frequency
spectrum. Could a knowledgeable someone please explain 'who' uses
which type of modulation? I am particularly interested in which
type of modulation typical police, fire, pub. service use; however,
a complete listing would be even more helpful...

Thanks in advance!
Eric

4990. Re: US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-06 03:38:38 UTC
From: tharrell@nmsu.edu
Message-ID: <39hj3u$eb9@dns1.NMSU.Edu>
Source record: 265973

John Maio (jmaio@sw) wrote:
[LONG post deleted]
: I understand that Bob Dornan (R-CA) was told about this and was investigating
: it for validity. I've hearding nothing more since.

That's nice, but did you have to include the ENTIRE article just to say so???
I'm not playing net.cop, but some of us read news over slow (2400) modems....
--

| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |

4991. Re: Pro-2006 Lamps?

Newsgroup: rec.radio.scanner
Date: 1994-11-06 03:39:57 UTC
From: g9153402@huey.csun.edu
Message-ID: <39hj6e$qdv@nic-nac.CSU.net>
Source record: 266044

Douglas Barton (bartdoug@acusd.edu) wrote:

> Posted this once, but never saw it so I thought I'd try again.

> Since the 2006 has been discontinued I though I'd call my local Radio
> Shack to see how much replacement bulbs for it would cost. I was told
> that you had to replace an entire board, and that the cost is $80. This
> does not sound right to me, so I thought I'd ask if anyone here has had
> experience changing the display lamp in a 2006.

> Mine is brand new, but the manual says that the lamps can burn out, so
> use it sparingly. Any truth to this? How long do they last? Are there
> cheap replacement parts available? Any help is welcome, thanks in
> advance for posted replies.

> Doug

$80.00 sounds like an awfully lot. The display in the PRO-2006, I think
is called an electro-luminescent display. You have a pretty blue
display, but I heard the half-life of it might be as low as 500 hours,
and will gradually get dimmer. If you want your display to last a long
time, I would suggest turning it off the light when you don't need it.
Maybe you could invest in some small light you can place right in
front of your scanner, to illuminate the whole front panel, and display,
to decrease your usage of the light. Anyway, below is a response I
saved from last time this subject was brought up:

From: mulligan@ACM.ORG (F. Barry Mulligan)
Newsgroups: rec.radio.scanner
Subject: Re: RS-2006 Scanner - Luminescent display.
Date: 4 Oct 1994 21:22:59 GMT
Organization: ACM Network Services
Lines: 27
Message-ID: <36sh3j$5nn@hopper.acm.org>
Reply-To: mulligan@ACM.ORG

Berton Corson> ... life span of the back-light on the RS-2006.
Reported experience has been 2 to 4 years, depending on usage, eyesight
and tolerance. It's amazing how much difference a new one makes.

Slow Bob> ... how hard is it to replace ...
Only two simple solder points, but a moderate amount of disassembly.
>From memory: remove bottom & top (note speaker wires); disconnect front
panel (unplug / unscrew wires top & bottom); remove front panel; remove
logic board from front; unsolder two leads to the ELP; remove dab of glue;
slide ELP out of display assembly; insert new ELP; re-assemble.
Note that disconnecting CN3 (15 wire cable) pulls battery voltage from

the logic board and memory may be lost. Record all programmed channels before starting or leave CN3 connected and try to work around it.

Slow Bob> ... Do you have to replace the whole lcd panel or what?
The ELP (electroluminescent panel) slides out of the sandwich that makes up the LCD display. It can be ordered for $11.50 from:
Tandy National Parts (800) 442-2425

Give them the catalog nbr of the radio (20-145) and ask for:
Ref.No Mfr's Part No. Tandy Part No.
EL501 Electroluminescent GE-88D-7738 LB-0040

You might want to order the tech manual ($6-8) at the same time, if only for the exploded view.
/* barry /&

4992. Re: Secret service freq, president

Newsgroup: rec.radio.scanner
Date: 1994-11-06 03:40:45 UTC
From: tharrell@nmsu.edu
Message-ID: <39hj7t$eb9@dns1.NMSU.Edu>
Source record: 265968

```
Tim Tyler (tim@umcc.umcc.umich.edu) wrote:
: Best bet for actually hearing the President when he's in town
: would be tuning to 154.57 (or 154.60) & 35.020MHz, NBFM.
: 48197 I'm an equal-opportunity discriminator, and I affirm action.

Fast-food frequencies! Makes perfect sense.

"You want fries with that, Mr. President?"
--
*-----------------------------------------------------------------*
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |
*-----------------------------------------------------------------*
```

4993. Re: Caller ID

Newsgroup: rec.radio.scanner
Date: 1994-11-06 03:43:53 UTC
From: tharrell@nmsu.edu
Message-ID: <39hjdp$eb9@dns1.NMSU.Edu>
Source record: 265974

Glen L. Roberts (fd@wwa.com) wrote:
: Shawn4sk1 (shawn4sk1@aol.com) wrote:
: : So who's going to be the first to tell me how to wire up a cord that will
: : have an RCA on one end and the phone jack on the other? I have two phone
: : lines so I can call and see if it really works- I have a cordless, a
: : Caller ID box and a PRO 2006...

: Listen on the scanner and see if you hear the databurst between the first
: and second rings...

Isn't that ring something like 80VAC?? That's not something I'd like
to pump through my scanner.
--

| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |

4994. Re: Is it WFM, NBFW, AM, CW, or ???

Newsgroup: rec.radio.scanner
Date: 1994-11-06 03:49:47 UTC
From: g9153402@huey.csun.edu
Message-ID: <39hjor$qdv@nic-nac.CSU.net>
Source record: 266045

Eric B. (browere@einstein) wrote:
> Okay, simple enough question- here goes...

> I understand (basically) the differences between NBFM, WFM, CW, AM, SSB, etc.
> However, I do not have any idea where each type is used on the frequency
> spectrum. Could a knowledgeable someone please explain 'who' uses
> which type of modulation? I am particularly interested in which
> type of modulation typical police, fire, pub. service use; however,
> a complete listing would be even more helpful...

> Thanks in advance!
> Eric

Some general examples:

AM: shortwave, AM radio (of course), aeronautical communications,
CB radio
WFM: FM radio (87 - 108 mhz), Television, some military
NFM: Most two-way radio, some HAM, police, fire, public safety,
cellular telephones, a bunch more. This is probably the
most common mode you'll have set while scanning.
SSB: CB, some shortwave, some amateur radio, etc.

A general guide where frequencies are located is below:

THE RADIO SPECTRUM

This is an approximate look, to help in searching frequencies on a
scanner or shortwave radio. Just be aware, having the right frequency
may not be enough, in tuning to a certain frequency. The time of
day, atmospheric conditions, location, mode you're in (AM, SSB,
Narrowband FM, Wideband FM, etc.), and your equipment, are also equally
important. You'll find most transmissions are broadcasted in Narrow-
band FM. Some main exceptions are shortwave (AM & SSB), commercial AM
radio (AM), commercial FM radio (Wideband FM), television (Wideband FM),
citizens band radio (AM & SSB), aeronautical communications (mostly AM),
and some military VHF/UHF (Wideband FM). Most all scanners will pick a
default mode for you, depending on what frequency band you are in. But
many scanners also let you manually switch between modes (AM, FM, etc.)
and frequency search spacing (5 khz, 12.5 khz, etc.) if the default modes
are not correct. Happy Listening!!!

FREQUENCY USES/SERVICES
(in Megahertz unless
otherwise indicated)
---------------------- --

10 - 150 khz Military/government, submarine
(.01 - .15 MHz) communications.

150 - 535 khz Longwave Band, beacons, foreign broadcasts,
(.15 - .535 MHz) maritime.

535 - 1700 khz Your standard AM radio dial.
(.535 - 1.7 MHz)

1.7 - 30 Shortwave/High Frequency Band. Broadcasting,
two-way government, military and commercial
communications, amateur radio, CB radio (approx.
27 MHz), others.
Shortwave - Approx. Range Meter Band
1.8 - 2.0 160*
2.3 - 2.495 120
3.2 - 3.4 90
3.5 - 4.0 80*
3.9 - 4.0 75
4.75 - 5.06 60
5.9 - 6.2 49
7.0 - 7.3 40*
7.1 - 7.35 41
9.4 - 9.9 31
10.1 - 10.15 30*
11.6 - 12.1 25
13.57 - 13.87 22
14.0 - 14.35 20*
15.1 - 15.8 19
18.068 - 18.168 17*
17.48 - 17.9 16
18.9 - 19.02 15
21.0 - 21.45 15*
21.45 - 21.75 13
24.89 - 24.99 12*
25.6 - 26.1 11
28.0 - 29.7 10*
(In general, the lower shortwave frequencies
<higher meter band> are received better during
the night, while higher frequencies are re-
ceived better during the day. There are also
some amateur radio bands between many of these
shortwave bands(*). Consult a shortwave guide
for more detailed information.)

30 - 50 Very High Frequency Band. Government, business,
walkie-talkies. Also, cordless phones and
'baby monitors' found about 46 - 49 MHz.

50 - 54 Amateur radio 6 meter band.

54 - 72 TV Channels 2-4.
Channel 2 Audio (Wideband FM) 59.75

Channel 3 Audio (Wideband FM) 65.75
Channel 4 Audio (Wideband FM) 71.75

72 - 76 Manufacturing, remote control, eavesdropping
bugs, etc.

76 - 88 TV Channels 5-6.
Channel 5 Audio (Wideband FM) 81.75
Channel 6 Audio (Wideband FM) 87.75

88 - 108 Your standard FM radio dial.

108 - 136 Aeronautical communications (AM).

136 - 138 Satellites.

138 - 144 Military communications.

144 - 148 Amateur radio 2 meter band.

148 - 150.8 Military use.

150.8 - 174 Business, highway, law enforcement, government,
weather, maritime.

174 - 216 TV Channels 7-13.
Channel 7 Audio (Wideband FM) 179.75
Channel 8 Audio (Wideband FM) 185.75
Channel 9 Audio (Wideband FM) 191.75
Channel 10 Audio (Wideband FM) 197.75
Channel 11 Audio (Wideband FM) 203.75
Channel 12 Audio (Wideband FM) 209.75
Channel 13 Audio (Wideband FM) 215.75

216 - 220 Maritime and aeronautical.

220 - 222 Land mobile communications.

222 - 225 Amateur radio.

225 - 400 Military aviation and space.

400 - 406 Military and government.

406 - 420 U.S. Government.

420 - 450 Amateur radio.

450 - 470 Ultra High Frequency Band. Business, industry,
military, fire, government.

470 - 512 TV Channels 14-20, shared with law enforcement.

512 - 824 TV Channels 21-69, others.

824 - 849 Cellular telephones (receivers/handsets).

849 - 851 Aeronautical telephones (ground-based towers).

851 - 866 Business, public safety, trunked systems.

866 - 869 Public safety, law enforcement, trunked systems.

869 - 894 Cellular telephones (towers).
Note: Even though listening to cellular telephone calls is technically illegal in the United States, one will usually do better listening to calls on the tower frequencies, as opposed to the handset frequencies. This is because most cellular phones transmit less than one-watt of output. So unless the cellular phone is very close to you, you will have much more luck scanning the more powerful towers, which transmit/receive for each cell site.

894 - 896 Aeronautical telephones (handsets).
Note: In scanning airplane telephones, you will usually do better listening to the handset frequencies, instead of the tower frequencies, unless you are very near a ground transmitter. But, in any event, call traffic heard on handset frequencies (which are transmitted from a high-powered transmitter on the aircraft) you may hear nothing at all, or many conversations, de-pending on your location and time of day.

896 - 901 Private land mobil units.

902 - 928 Land mobile, amateur radio, personal communi-cation units, cordless telephones.

928 - 932 Radio paging.

935 - 940 Business radio.

941 - 944 Government and non-government fixed services.

944 - 952 Broadcasters' studio-to-transmitter links.

952 - 960 Private fixed services, paging.

960 - 1240 Aeronautical navigation.

1240 - 1300 Amateur radio.

1300 - 1350 Aeronautical navigation.

1350 - 1400 Radio location.

1400 - 1427 Radio astronomy.

1427 - 1429 Point-to-point, mobile, space.

1429 - 1660.5 Various satellite transmission uses.

1660.5 - 1668.4 Radio astronomy.

1668.4 - 1700 Meteorological aids.

1700 - 1850 Meteorological satellites, U.S. Government.

1850 - 1990 Fixed point-to-point, microwave.

1990 - 2110 Broadcast studio-to-transmitter links.

(end)

4995. Re: Santa Fe Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-06 03:55:04 UTC
From: tharrell@nmsu.edu
Message-ID: <39hk2o$eb9@dns1.NMSU.Edu>
Source record: 265888

```
Steve Sydoriak (sxs@lanl.gov) wrote:
: Does anybody have police frequencies for Santa Fe or any other
: frequencies for Santa Fe?

The railroad or the city??
--
*-------------------------------------------------------------------*
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |
*-------------------------------------------------------------------*
```

4996. Re: PD's violating rights by scrambling?

Newsgroup: rec.radio.scanner
Date: 1994-11-06 05:30:37 UTC
From: pettysm@iglou.iglou.com
Message-ID: <1994Nov6.053037.12279@iglou.com>
Source record: 266046

: In article <1994Nov3.182020.15661@news.csuohio.edu>,
: mike@shien.ist.csuohio.edu (Mike Mayer) wrote:

: [snip]

: > We are legally allowed to listen (via scanner) to what's happening
: > over the air as police go about their daily business. If they
: > suddenly decide to scramble their transmissions, would the casual
: > listener then have any grounds for saying his rights are being
: > violated by being denied the opportunity to hear what the
: > police (as servants to the public) are doing?

David Michael Moore (davidm@iglou.com) wrote:

: I know it is not against the law (yet) to listen to police (or just about any
: other public service agency). But I have yet to see a law (and I try to stay
: pretty well informed on this topic) that guarentees me the right to do so.
: The Constitution doesn't mention radio reception, nor does the Bill of Rights,
: and I don't recall seeing it in any of the other amendments either. I also
: have yet to see any law which says that the police (or any other agency for
: that matter) must perform their transmissions such that I can easily hear them.
: In fact, the only mention I see of it in the copies of the laws I have is an
: occassional brief mention that the law in question does not apply to the
: monitoring of public service frequencies. Again, this is not stating that I
: have a God-given right to do so, it is only stating that it is not illegal
: (yet) to do so.

The only right we have as radio listeners is made in the Comm act of
1934... We can listen to any transmission upon the public airwaves,
various amendments have made certain broadcasts extempt to this rule,
i.e. scrambled or encrypted traffic can't be unscrambled, STL or remote
links for Radio or T.V. Stations, Cellular phones, (and now possiblly
cordless), and a few others that a lawyer could mention probably.
This does not give us the right to hear what anyone is talking about on
the airwaves, only to right to listen to the airwaves, if they broadcast
some type of encrypted noise, then we can listen to that noise, but not
the conversation that that noise is hiding.

: Is there a law that requires court proceedings to be in english, or a language
: that the spectators can understand? I always just assumed that court
: proceedings only had to be made understandable to the defendent involved.

That is a good question, and I'd say the law is just as you stated, It
only must be understandable to the defendant... not to the public. There
have been many cases where charges against people have been dropped, even
though the evidence proved they were guilty, just because the person

didn't understand English, and their rights were only giving to them in
English. Again it comes back just like the comm. law, we have the right
to hear what is in the room, not the right to understand it...

: [Insert my usual block of comments about how I'm not a lawyer and none of this
: is legal advise here...And could someone please invent asbestos shorts that are
: not so darned scratchy!]
ditto the usual disclaimer.

: David
: davidm@iglou.com

Steve

--
<mail=pettysm@iglou.com> <Home Page=http://iglou.com/~pettysm/acme.html>
Anything Too Stupid To Be Said Is Sung; Too Stupid To Be Sung Is Typed.
Romp, Romp, Romp, Romp Romp, Hey! Of Course You Know; This Means Warners!
O.K. Lady; I Luv You; Buh-Bye! *SMACK* Gooooooodnight Everybody!

4997. Re: Caller ID

Newsgroup: rec.radio.scanner
Date: 1994-11-06 05:42:36 UTC
From: pettysm@iglou.iglou.com
Message-ID: <1994Nov6.054236.13217@iglou.com>
Source record: 266047

Thomas J. Harrell (tharrell@nmsu.edu) wrote:
: Glen L. Roberts (fd@wwa.com) wrote:
: : Shawn4sk1 (shawn4sk1@aol.com) wrote:
: : : So who's going to be the first to tell me how to wire up a cord that will
: : : have an RCA on one end and the phone jack on the other? I have two phone
: : : lines so I can call and see if it really works- I have a cordless, a
: : : Caller ID box and a PRO 2006...

: Isn't that ring something like 80VAC?? That's not something I'd like
: to pump through my scanner.

I do not know the freq for the datburst but if you want to put audio out
from a phone line into a line level input, it's very simple...

get a 600ohm isolation audio xformer (rat shack cat# 273-1374) and a .47
UF capasitor... place the .47 uf cap in series with the phone line on the
input side of the xformer and the output of the xformer to an rca cord...
walla a wire tap that does not drop the voltage on the line enough to
keep the phone off the hook, you can leave it hooked up all the time, put
on an aux input on your tape deck and make it easy to record any calls
that come in, even better find a way to mod a call i.d. box for a
reconizable # to trip a relay to start the deck.

Steve

--
<mail=pettysm@iglou.com> <Home Page=http://iglou.com/~pettysm/acme.html>
Anything Too Stupid To Be Said Is Sung; Too Stupid To Be Sung Is Typed.
Romp, Romp, Romp, Romp Romp, Hey! Of Course You Know; This Means Warners!
O.K. Lady; I Luv You; Buh-Bye! *SMACK* Gooooooodnight Everybody!

4998. Re: Pro-2006 Lamps?

Newsgroup: rec.radio.scanner
Date: 1994-11-06 05:51:08 UTC
From: 5leitgeb_c@spcvxb.spc.edu
Message-ID: <1994Nov6.005108.1@spcvxb.spc.edu>
Source record: 266048

In article <CytKvn.9t9@pwa.acusd.edu>, bartdoug@acusd.edu (Douglas Barton) writes:
>
> Posted this once, but never saw it so I thought I'd try again.
>
> Since the 2006 has been discontinued I though I'd call my local Radio
> Shack to see how much replacement bulbs for it would cost. I was told
> that you had to replace an entire board, and that the cost is $80. This
> does not sound right to me, so I thought I'd ask if anyone here has had
> experience changing the display lamp in a 2006.
>
> Mine is brand new, but the manual says that the lamps can burn out, so
> use it sparingly. Any truth to this? How long do they last? Are there
> cheap replacement parts available? Any help is welcome, thanks in
> advance for posted replies.
>
> Doug
>
>
I bought my PRO-2006 in 1990,when they were first introduced.
Since mine is an older one, it does not have a light on/off switch,
but rather a dimmer hi/lo switch. I have been using my '2006 continuously
in the "dim" position and the display is still going strong.
If you turn the light off on your '2006 when you are not using it,
it should last a lot longer. From my experience, the bulb does not burn
out as easily as Radio Shack says it does, so I would not be overly
concerned about it.
Hope this helps,
Craig Leitgeb
5leitgeb_c@spcvxa.spc.edu
Saint Peter's College

4999. Mods for 200XLT

Newsgroup: rec.radio.scanner
Date: 1994-11-06 06:08:50 UTC
From: sdhanson@gac.edu
Message-ID: <39hrtiINN5ur@news.gac.edu>
Source record: 265886

Can someone advise location of mod information files or email the mod instructions for a 200XLT. Any help will be appreciated.

Stu

5000. Re: Cops Scrambling Trans

Newsgroup: rec.radio.scanner
Date: 1994-11-06 10:46:00 UTC
From: darwin.teague@exnavy.esnet.com
Message-ID: <249.2425.352.0ND9E85E@exnavy.esnet.com>
Source record: 265882

TF> Let's say I've got access to a super computer and I want to descramble the
TF> digital scrambled message. THEN WHAT?

What does it sound like when they're scrambling? If they sound like
Donald Duck, they are probably using speech inversion. You can buy a kit
for a descrambler for that for about $30 from Ramsey Electronics. Check
the ham magazines (73, QST, etc).
--- JCQWK
!

5001. Alphanumeric Pager Notification System

Newsgroup: rec.radio.scanner
Date: 1994-11-06 11:38:02 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <b39_9411061731@rccons.lm.com>
Source record: 265962

* Crossposted in WPA_SCAN
* Crossposted in PGH.GENERAL
* Crossposted in ALT.RADIO.SCANNER
* Crossposted in REC.RADIO.SCANNER
* Crossposted in AOSC_SCAN

Hello All!

Reply-To: rccons!rec@telerama.lm.com
X-FTN-To: All

Are you a radio scanner user?? Would you like to get more use of out of your scanner??

Are you interested in receiving information about major happenings in the area??

Then the PA/OH & AOSC News Net may be for YOU!

This is a system similar to that outlined in the April 1994 issue of Popular Communications.

We will use Motorola Advisor alpha numeric pagers to receive information on breaking events in areas you may not normally monitor. Now HEAR ALL the ACTION as it happens.

The pager provides coverage as follows:

Northern OH (Columbus, Toledo, Cleveland, Youngstown/Canton/Akron)
WV Panhandle (Wheeling, Weirton)
Western PA (Erie, Pittsburgh, Johnstown, Altoona, Bradford)

Cost INCLUDES PAGER RENTAL: 1-5 Pagers $20/Mo.
6-10 Pagers $18/Mo.
10-15+ Pagers $16/Mo.

Cost is based on TOTAL NUMBER of pagers in the group.

Airtime only, you provide pager: $13.00/mo.

Purchase Motorola Advisor Pager: $230.00 NEW **
$165.00 USED **

AlphaMate Rental: $15/mo. AlphaMate II Purchase: $450**

Advisor PAL Printer Interface to print messages on IBM type printer: $135**

You will also be able to use the pager for personal messages and/or numeric messages.

What information will be sent?

Information on MAJOR incidents will be sent to the notification system.

***** TARGET OPERATION DATE: JANUARY 1, 1995 (1/1/95) *****

DUES: A minimal amount of dues will be collected to help fund the costs
of voicemail, dispatcher notification, & general network operations.

At this time DUES ARE SET AT $20/YR.

Applications for membership as a member or dispatcher may be obtained by:

US Mail, enclose a stamped self addressed envelope to: R.E. Christian
PO BOX 12763
Pittsburgh PA 15241-0763

Internet, send a messgae to: rccons!pageapp@telerama.lm.com

This will return a message with information & an application.

**** APPLICATIONS WITH DUES are DUE BY: 12/1/94 ****

Many THANKS to John Linko of Pittsburgh. His INVALUABLE INPUT & PREVIOUS
RESEARCH have made this whole process much simpler.

For PA/OH & AOSC New Net,

John Linko,
PA/OH News Net Co-Founder
FidoNet: 1:129/26
Internet: rccons!aghlife@telerama.lm.com

Rick Christian, AAJP/BSEE
PA/OH & AOSC News Net Co-Founder
FidoNet: 1:129/220
Internet: rccons!rec@telerama.lm.com

5002. Re: PRO-43 Cases??

Newsgroup: rec.radio.scanner
Date: 1994-11-06 11:54:23 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1994Nov6.115423.11959@grian.cps.altadena.ca.us>
Source record: 266049

petea@col.hp.com (peter arebalo) writes:

>Greetings All:

>Although I saw a recent thread on cases for the PRO-43, I didn't own one
>at the time and am now in the need of a case. I would prefer something
>light and not to bulky. Can someone make a recommendation???

Call up your nearest Motorola dealer and get a GP-300 case.
Fits perfect.

--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

5003. Re: AOR AR8000 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-06 12:26:50 UTC
From: Victor Healey <vhealey@crl.com>
Message-ID: <39ii2a$fnm@nntp.crl.com>
Source record: 266050

> Leonard G Sims (lgs@midland.co.nz) wrote:

> Funny but I find that the rubber antenna with the AR8000 is almost a
> dummy load. I have a lot of other antennas that are better.
>
> As for the quality of the radio, I don't agree. I think they are both
> pretty good. The Yupi receives SSB signals much better (more sensitive
> and clearer) than the AR8000. That is HF SSB signals.
>
> Overall I think they are both fine radios with each one having some
> strengths over the other.

Would the clearer HF be a function of the antenna you selected
for the Yupi vs the aor8000? Some radios overload with too much signal.

What are the compartitive strengths of these two radios in your opinion?

I noticed that someone said the aor8000 sucked for scanning the 800MHZ
trunking bands because of a fixed delay of 2 seconds and a slow scan
rate of only 30 CPS. My Pro 43 only scans at 40 cps according to
radio shack catalog. An expert user is said in another post to
be able to set the scan delay to .5 second on the Aor8000.
It would seem that it would be adaquate to handel police trunking
if set up correctly. Am I correct?

Vic ki4je

5004. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-06 15:05:40 UTC
From: stuecrwn@eku.acs.eku.edu
Message-ID: <1994Nov6.100540.4235@eku.acs.eku.edu>
Source record: 266051

In article <390uuv$22q@news.ecn.bgu.edu>, mupmw7@uxa.ecn.bgu.edu (Peter M Woolsey) writes:
> Try the usual 154.600 for the general business band... That should recieve
> the employees end of the conversation. The customers end is in the 40 mhz
> range somewhere I believe.
>

I know the Taco Bell here in Richmond KY uses 154.515 for their
employees and I'm still looking for the customer side. Hope this helps

Robert E. Corwin
Eastern Kentucky U.
Arson Investigation Major

5005. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-06 15:11:57 UTC
From: stuecrwn@eku.acs.eku.edu
Message-ID: <1994Nov6.101157.4236@eku.acs.eku.edu>
Source record: 265959

In article <393dpt$7sf@detroit.freenet.org>, ad225@detroit.freenet.org (Gary Baumgarten) writes:

> Why would anyone want to monitor fast food drive through
> frequencies? I can't imagine the conversations being that
> interesting.
>
> Gary
> --
> Gary Baumgarten
> ad225@detroit.freenet.org

Gary,
My monitoring the local McDonalds got me a free lunch! We had just ordered and the 'girls' working the window started to get really rude towards us while they were talking headset to headset. The manager who didn't have a headset on was at the window getting ready to hand us our food when I raised the volume on my scanner so that he could hear what the 'girls' were saying. When he did he went balistic and I got a free lunch. The people wearing the headsets can get pretty rude at times thinking they are on a 'secure' frequency.

Robert E. Corwin

5006. Re: Re: Freq ftp's

Newsgroup: rec.radio.scanner
Date: 1994-11-06 16:07:17 UTC
From: JEFF_SEALE@bitstream.mpls.mn.us
Message-ID: <1044446.11124534@bitstream.bitstream.mpls.mn.us>
Source record: 266052

try FTP.CDROM.COM in the /pub/hamradio (or maybe just /hamradio)

On who's ftp site is that file?

5007. Re: FREQUENCY INTELLIGENCE DIRECTORY

Newsgroup: rec.radio.scanner
Date: 1994-11-06 16:08:41 UTC
From: JEFF_SEALE@bitstream.mpls.mn.us
Message-ID: <76672990.11124745@bitstream.bitstream.mpls.mn.us>
Source record: 266053

Is this a book or a disk?

5008. Fast Food Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-06 18:26:59 UTC
From: g9153402@huey.csun.edu
Message-ID: <39j75j$3de@nic-nac.CSU.net>
Source record: 266054

Since there has been quite a few posts wanting this data, here is a list of fast food frequencies that is listed in the November issue of Monitoring Times. But be aware, the FCC isn't exactly issuing frequencies to every fast food chain for their own use, and that any fast food restaurant can buy whatever low powered FM transmitters / receivers they need for their store at an electronics shop. Anyway, just stick the below in one of your scanner's channel banks, and see what comes up. All this talk about food is getting me hungry.

Gourmet Restaurant Frequencies
------------------------------ ----------------------------------

Arby's 30.84 31.00 154.57
457.55 479.25

McDonald's 35.12 67.775 70.245
71.105 154.49 154.58
461.0375 463.2875 466.0375
468.2875 469.5125

Hardee's 30.84 31.00 35.02
151.685 151.805 464.0125
469.0125

Kentucky Fried Chicken 31.00 170.305 457.5375
457.5875

Taco Bell 30.84 154.57 465.8875

Wendy's 33.16 33.40 154.515

Burger King 30.84 457.55 465.8875
467.775

5009. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-06 20:07:57 UTC
From: sean@sdg.dra.com
Message-ID: <1994Nov6.150757@sdg.dra.com>
Source record: 265978
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <3913eh$rq7@xcalibur.IntNet.net>, entropy@zeus.IntNet.net (Jonathan Cooper) writes:
>>They don't listen to them manually, they actually have computers listen
>>for 'key' words. Anything with 'kill' and 'president' gets some attention
>>I guess. Soon, any converstaion with 'scanner' will bring armed men to
>>your door I'm sure.
>
> Upon what information do you base this bullshit statement?
>

KIBO runs a scanner that looks for any postings with the word KIBO.

--
Sean Donelan, Data Research Associates, Inc, St. Louis, MO
Domain: sean@dra.com, Voice: (Work) +1 314-432-1100

5010. for the final time..

Newsgroup: rec.radio.scanner
Date: 1994-11-06 20:36:36 UTC
From: alacy@skew.com
Message-ID: <alacy.26.000D9C91@skew.com>
Source record: 266055

again...does anyone know of a mod for the uniden SC150 sportcat? Thanks again..

al

5011. Forsale Bearcat 200xlt = $125

Newsgroup: rec.radio.scanner
Date: 1994-11-06 21:17:01 UTC
From: tnguyen@ms.washington.edu
Message-ID: <39jh4d$o0p@news.u.washington.edu>
Source record: 266087
Cross-posted to: rec.radio.scanner,alt.radio.scanner,seattle.forsale,uwash.forsale,pnw.forsale

Hi,
I have a Bearcat 200xlt forsale. This scanner has
been modified to recieve celluar. I would like around
$125 for it. The only drawback to this scanner
is that there is no manual for it. But the operation
is pretty much staight forward. Ac 9v adapter is included,
I'll let you try it out for a week and if you don't think
its for you, I'll let you get your money back, (you pay for
shipping costs though). Anyways, if interested, email me
at tnguyen@ms.washington.edu for more info.

-Thang N.

5012. almost found a perfect scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-06 21:22:10 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <784152507@f747.n115.z1.ftn>
Source record: 266056

-=> Quoting Ryan Weaver to All <=-

RW> I was one pen away from writing a check for a pro-2006 (supposedly the
RW> best?) but then looked at the frequencies it didn't carry. Is there a
RW> smaller scanner that would complete the spectrum if I added the famous
RW> diode that allows cell scanning? Or is there an even better scanner
RW> (complete range) out there?

What exactly were you looking for, Ryan? The unit does have a gap in the 800 mhz band, but that is easily rectified in 2 minutes and a pair of wire clippers. The gap in the 520 to 760 Mhz is UHF television...so nothing worth getting here.

Jerry

5013. Re:Forsale Bearcat 200xlt=$125

Newsgroup: rec.radio.scanner
Date: 1994-11-06 21:31:41 UTC
From: tnguyen@ms.washington.edu
Message-ID: <39jhvt$o8s@news.u.washington.edu>
Source record: 265967
Cross-posted to: rec.radio.scanner,seattle.forsale,pnw.forsale.alt.radio.scanner,uwash.forsale

>Hi,
>I have a Bearcat 200xlt forsale. This scanner has
>been modified to recieve celluar. I would like around
>$125 for it. The only drawback to this scanner
> is that there is no manual for it. But the operation
>is pretty much staight forward. Ac 9v adapter is included,
>I'll let you try it out for a week and if you don't think
>its for you, I'll let you get your money back, (you pay for
>shipping costs though). Anyways, if interested, email me
>at tnguyen@ms.washington.edu for more info.
>
>-Thang N.

Oops, sorry, I forgot that I no longer have the Ac 9v adapter
for it since I let my friend use it for his scanner.
But works fine with batteries. anyways, price is still
$125.
-later
Thang N.

5014. PRO-23 for sale

Newsgroup: rec.radio.scanner
Date: 1994-11-06 21:53:34 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <784152508@f747.n115.z1.ftn>
Source record: 266057

-=> Quoting Lee Hines to All <=-

LH> I'll try again. PRO-23 for sale, mod'ed for cellular. Comes with AC
LH> adaptor, NiCads, and manual. Asking $150.00.

Lee...What do you mean "mod' ed for cellular"? I thought the unit could not be modified.

There is a software mod where you can access it through the keypad. Is this what you mean?

Jerry

5015. PRO-43 Mod option

Newsgroup: rec.radio.scanner
Date: 1994-11-06 23:06:04 UTC
From: hancock@access.mbnet.mb.ca
Message-ID: <39jngs$6ut@canopus.cc.umanitoba.ca>
Source record: 266058

A friend of mine has offered to do the cell mod on my radio by just removing the diode and not repositioning it in D4 for low band coverage. He says it's not worth moving the diode since the reception on the low band freq. is not very good. Any other opinions out there? Should I let my friend just remove the diode or should I insist he resolders it into D4?

Thanks in advance!

Paul
--

Paul Hancock
Winnipeg, Manitoba
Canada

5016. Basic UK stuff

Newsgroup: rec.radio.scanner
Date: 1994-11-06 23:42:24 UTC
From: an10276@anon.penet.fi
Message-ID: <234307Z06111994@anon.penet.fi>
Source record: 266059

Could anyone please point to where a list of UK band plans
can be found?

In particular, what is on 68-88 MHz, 300-500 MHz, and 800-900 MHz
(roughly)?

Any idea of cops freqs, and if they use FM??

Thanx,

Arfur

PS: are scanners from Tandy any good for the beginner?

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

5017. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-07 00:09:13 UTC
From: glm@xmission.com
Message-ID: <39jnq8$i4p@xmission.xmission.com>
Source record: 266060

In article <1994Nov6.101157.4236@eku.acs.eku.edu>, stuecrwn@eku.acs.eku.edu says...
>
> My monitoring the local McDonalds got me a free lunch! We had
>just ordered and the 'girls' working the window started to get really
>rude towards us while they were talking headset to headset. The manager
>who didn't have a headset on was at the window getting ready to hand us
>our food when I raised the volume on my scanner so that he could hear
>what the 'girls' were saying. When he did he went balistic and I got a
>free lunch. The people wearing the headsets can get pretty rude at times
>thinking they are on a 'secure' frequency.
>
>Robert E. Corwin

As as former skeptic, this looks like it could be fun. There is a KFC near here. Guess I'll have to check it
out.
>

--
-Gary
glm@xmission.com
~!

5018. Need Freqs

Newsgroup: rec.radio.scanner
Date: 1994-11-07 01:36:00 UTC
From: bill.graham@compudata.com
Message-ID: <89D3510.02F5001F35.uuout@compudata.com>
Source record: 265970

Need Freqs for Local/StatePolice/Fire for Southern New Jersey,
Glouchester county.

5019. Uniden Bearcat 3000

Newsgroup: rec.radio.scanner
Date: 1994-11-07 01:39:33 UTC
From: ccartee@regal.cisco.com
Message-ID: <CCARTEE.94Nov6173933@regal.cisco.com>
Source record: 265958

In article <783975236@f747.n115.z1.ftn> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
writes:

The Uniden Bearcat 3000 handheld should be out in Dec. 94. Will have
some extra features that the 2500 didn't have, and some removed.

Jerry

Any word on what the BC3000 will be like? Better RF than BC2500?
More features? Faster scan?
--

Claude Alan Cartee "I have neither the time nor the inclination to explain
1525 O'Brien Drive myself to a man who rises and sleeps under the blanket
Menlo Park, CA 94025 of the very freedom I provide...
ccartee@cisco.com ... and then questions the manner in which I provide it"
415 688-7801 -Col Nathan R. Jessep

5020. Re: Drive Thru "radio"

Newsgroup: rec.radio.scanner
Date: 1994-11-07 01:53:10 UTC
From: phila@crl.com
Message-ID: <39k2cm$ro@nntp.crl.com>
Source record: 266062

> Will someone please explain just why ANYONE would want
> to listen to a fast food drive thru window.

2 Tacos, large fries, and 44 oz. diet coke . . . I think that will be all.

That will be $X.xx, please drive to the window.

God, I knew there was a reason I bought a scanner!

5021. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-07 01:58:13 UTC
From: crichman@ux4.cso.uiuc.edu
Message-ID: <39k1jl$ssv@vixen.cso.uiuc.edu>
Source record: 265982
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

sean@sdg.dra.com (Sean Donelan) writes:

>In article <3913eh$rq7@xcalibur.IntNet.net>, entropy@zeus.IntNet.net (Jonathan Cooper)
writes:
>>>They don't listen to them manually, they actually have computers listen
>>>for 'key' words. Anything with 'kill' and 'president' gets some attention
>>>I guess. Soon, any converstaion with 'scanner' will bring armed men to
>>>your door I'm sure.
>>
>> Upon what information do you base this bullshit statement?
>>

>K*BO runs a scanner that looks for any postings with the word K*BO.

And thus saw this....

Anyway, this is quite possibly true. I know when I attended the Air
Force Academy this scanned our mail for key words concerning drugs, etc.
I'm sure it wouldn't be too hard to just scan the information going by.
--
Chaste makes waste. | Chris Richman | The opinions stated above
| crichman@uiuc.edu | are not necessarily the
| mail for pgp key | opinions of anyone else.

5022. Caller ID experiment results

Newsgroup: rec.radio.scanner
Date: 1994-11-07 02:18:57 UTC
From: shawn4sk1@aol.com
Message-ID: <39k2qh$lb5@newsbf01.news.aol.com>
Source record: 266063

I tried to do a basic Caller ID experiment being it makes for a great weekend education project... A phone cord consists of a red (power?), black (ground?), yellow and green wire and the RCA jack consists of a red (positive) and a black (ground)... How to wire this all up together? I didn't have a clue. I tried a few ways, keeping black and black connected and attempting to call myself after connecting the various phone cord colors to the red RCA wire. None of them phased my Caller ID box.

My for-now conclusion: as I have noticed nothing different in the way my cordless sounds, from the scanner's point of view, since the service came into my area (no tone bursts or anything new over the air) and the Caller ID box goes inline first from the wall before ever reaching your phone and/or answering machine, I would have to say that the Caller ID information is sent through one of the wires, never reaching the cordless phone... Unless the cordless base had a built-in Caller ID feature (some do now), I would think there would be no need or ability for a regular cordless to ever "hear" the information anyway... But even if the Caller ID feature _was_ built into the cordless though, it would have to be "broadcast" to the handset or base. In either case, I don't think that's how the technology works... I'm sure it's a wire thing...

:-(

Shawn

5023. Re: US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-07 02:24:21 UTC
From: rotnapple@aol.com
Message-ID: <39k34l$lqn@newsbf01.news.aol.com>
Source record: 266064

In article <39dm27$lcc@mozo.cc.purdue.edu>, mconner@rain.atms.purdue.edu
(Mark D. Conner) writes:

<snip>

<<<Gov. polling troops on whether they'd fire on fellow Americans!!!

<snip>

>I can't vouch for the question's wording as posted here, but I read
>that the question was outlining a clearly illegal and unconstitutional
>act to gauge soldiers' knowledge of their duty to refuse to obey
>illegal orders. The proper response would have been "strongly
>disagree" - they were not looking for soldiers who would agree with
>that statement.

Hey it doesn't matter to me if the stated intention is to gauge soldier's
knowledge of their duty to refuse to obey illegal instructions, they would
still have a hellova good stats on the subject!!!

I can think of more innocent questions to obtain the same info the wanted.

Greg

5024. Re: Newspaper quoting traffic heard on a scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-07 02:30:48 UTC
From: scan911@aol.com
Message-ID: <39k3go$mc2@newsbf01.news.aol.com>
Source record: 266065

In article <1994Nov5.122129.4772@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:

>And publishing doesn't count as "divulging to others"? Think again.

Jamie, That's what I was trying to say.

Chuck
scan911@aol.com

5025. Re: Need Information on Uniden MR8100

Newsgroup: rec.radio.scanner
Date: 1994-11-07 02:42:15 UTC
From: fire615@aol.com
Message-ID: <39k467$n48@newsbf01.news.aol.com>
Source record: 266066

Scanner world says they are the only one selling the MR8100. Get a copy of PopComm or Monitoring Times and check the classifieds for books with mods. You could also try Communication Electronics 900# and see if they know of any mods. Best I can do.

5026. Re: Get a life

Newsgroup: rec.radio.scanner
Date: 1994-11-07 03:06:25 UTC
From: kjn@netcom.com
Message-ID: <kjnCyvnAq.6r9@netcom.com>
Source record: 266067

Gene Maletta says:
" >In a previous article, k8zgw@hamnet.wariat.org (Don Ritchie K8ZGW) says:

" >>Will SOMEONE please help me understand just why in the
" >>world ANYONE would want to listen to a fast food drive thru.
" >>
" >So you will know if the Fat person in front of you ordered 3 Big Macs!
" >(GRIN!!!)
" YOU CANT ORDER BIG MACS AT TACO BELL DING DONG

Who's the ding dong ? Nowhere does the thread limit one to Taco Bell.
Most of the fast foods use RF intercoms. Obviously the writer was
commenting about the golden arches.

Don't be a dweeb!

" >--
" >Darrell A. Larose.... ad607@freenet.carleton.ca
" > "..Just hitchhiking along the info highway..."
" >
" >

--
Ken Navarre

5027. Re: Caller ID experiment results

Newsgroup: rec.radio.scanner
Date: 1994-11-07 04:01:35 UTC
From: gtolar@blkbox.com
Message-ID: <39k8qv$le5@news.blkbox.com>
Source record: 266068

Caller ID works like this:

Between the first ring and the second ring a data burst with the ID info occours. It is exactly the same as a 1200 baud modem. You could even modify a 1200 baud (or greater) modem to not hold the line off-hook and monitor the phone line. Unless cordless phones are designed to detect caller ID, that data will NOT be broadcasted. Since the base needs to detect the 90v pulses for the ring and convert them to a data burst the handset is designed to detect and then simulate a ring. If you try moding a modem for this (a simple .47pf cap. at the phone line end of the isolation transformer ought to do it) just set you comm software for 8n1/1200 baud and there should be no need to decode it. It comes out as ASCII (with a little bit of noise from the ring signal on either side of the data burst). Happy hacking!

5028. Re: Info server

Newsgroup: rec.radio.scanner
Date: 1994-11-07 04:53:07 UTC
From: chip30@aol.com
Message-ID: <39kbrj$4h3@newsbf01.news.aol.com>
Source record: 266069

In article <Pine.A32.3.90.941030024122.85053A-100000@inca.gate.net>,
Nicholas Toth <nickolas@gate.net> writes:

What is the Phone # of the BBS?
TY

5029. Re: *** Q: WHAT KIND OF PEOPLE ON THE NET ?

Newsgroup: rec.radio.scanner
Date: 1994-11-07 05:07:36 UTC
From: shawn4sk1@aol.com
Message-ID: <39kcmo$5n5@newsbf01.news.aol.com>
Source record: 266070

If you're asking "...on the net..." in general- ALL KINDS! That's what the Internet is all about...

:-)

5030. Re: Get a life

Newsgroup: rec.radio.scanner
Date: 1994-11-07 05:33:23 UTC
From: shawn4sk1@aol.com
Message-ID: <39ke73$7r1@newsbf01.news.aol.com>
Source record: 266071

You'd have to be a ham operator to not have fun listening to McDonalds (no offense guys :-))

Really though , back off Don guys, he doesnt get out much (or maybe he's just a newbie to the scanner world...??).

:-)

Shawn

5031. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-07 06:31:02 UTC
From: robert1159@aol.com
Message-ID: <39khj6$cfr@newsbf01.news.aol.com>
Source record: 266072

In article <9411032223591.DLITE.cremer@delphi.com>, cremer@delphi.com (charlie cremer) writes:

Does anyone know the name of the company(s) that make these little devices.. I would like a brochure.

5032. Re: RS-2006 Touch Tone Decoder Needed

Newsgroup: rec.radio.scanner
Date: 1994-11-07 06:33:40 UTC
From: shawn4sk1@aol.com
Message-ID: <39kho4$cm7@newsbf01.news.aol.com>
Source record: 266073

I tape them off and then, at the dial tone, play them back thru my AT&T model 730 speaker phone, which has an LED that shows the number you just dialed... You said "cheap" idea, the phone is not ($85 or so) but the idea may spark your creativity as well as others who read this... And maybe there's a less expensive phone out there with the same LED feature???

Good luck,

:-)

Shawn

5033. Re: Slick is comming to town!!!!! (Prez freqs. wanted)

Newsgroup: rec.radio.scanner
Date: 1994-11-07 06:38:42 UTC
From: shawn4sk1@aol.com
Message-ID: <39ki1i$d42@newsbf01.news.aol.com>
Source record: 266074

Good luck! I don't have your freqs but if you get 'em, I doubt they'll be any good. I'd monitor those closest to him that won't be using scrambling methods- the police and the media...

:-)

shawn

5034. Re: hooper swans on the air?

Newsgroup: rec.radio.scanner
Date: 1994-11-07 06:53:27 UTC
From: scan911@aol.com
Message-ID: <39kit7$ea9@newsbf01.news.aol.com>
Source record: 265954

In article <11041994113341um@g0gku.demon.co.uk>, henry@g0gku.demon.co.uk (Henry Brugsch) writes:

>Just listening to the "Wild Life" program here on radio 4, and there is
>a discussion of Hooper Swan migrations over Scottland.
>I just wonder what frequency they are using for tracking these birds.
>Was only listening, but I thought they had been fitted (some of them)
>with transmitters.
>Even at low power, these should be audible for some miles.
>This would go for any bird tracking by radio, I wonder where these
>things are liable to hang out.

Well, I don't know about the UK, but a lot of wildlife tracking here in the states takes place in the 216-220 MHz band.

Chuck Gysi, N2DUP
scan911@aol.com or chuck.gysi@industry.net

5035. Need Information on Uniden MR8100

Newsgroup: rec.radio.scanner
Date: 1994-11-07 06:55:05 UTC
From: scan911@aol.com
Message-ID: <39kj09$eur@newsbf01.news.aol.com>
Source record: 265883

To open cellular on the MR8100, punch in ECPA1986.

Chuck
scan911@aol.com

5036. Re: Anyone From AZ?

Newsgroup: rec.radio.scanner
Date: 1994-11-07 06:56:18 UTC
From: bretb1@aol.com
Message-ID: <39kj2i$fd2@newsbf01.news.aol.com>
Source record: 265975

In article <35g2a5$9uq@herald.indirect.com>, dooman@indirect.com (Randy DeForest) writes:

Randy I live in Chandler, but just moved from Mesa. I have the Mesa PD freq's. pegged. Plus Air Evac dispatch etc. Haven't spent too much time on the Chandler PD. I've been busy trying to get know my neighbors. (If you know what I mean).

5037. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-07 07:03:49 UTC
From: jldavis@nyx10.cs.du.edu
Message-ID: <39kjgl$k6d@nyx10.cs.du.edu>
Source record: 265984
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <39k1jl$ssv@vixen.cso.uiuc.edu>,
Chris Richman <crichman@ux4.cso.uiuc.edu> wrote:
>
>Anyway, this is quite possibly true. I know when I attended the Air
>Force Academy this scanned our mail for key words concerning drugs, etc.
>I'm sure it wouldn't be too hard to just scan the information going by.

Yes. And Usenet News articles are public domain. Now if email were being
intercepted and it could be proven, I'm sure the intelligence community has
some "international communication" rationale that circumnavigates the domestic
surveillance exclusion. But they'd never make a public statement on the subjectunless they
had to...
--
PGP PUBLIC KEY via finger! JAFEFFM Speaking & Thinking For Myself!

* eagle@deeptht.armory.com * email <info@eff.org> *
*** O U T L A W S On The E L E C T R O N I C F R O N T I E R ****
***** Committed to Free Public Internet Access for World Peace *****
"When cryptography is outlawed, bayl bhgynjf jvyy unir cevinpl!" JPB

5038. Beaverton, OR police, fire freqs?

Newsgroup: rec.radio.scanner
Date: 1994-11-07 08:17:23 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseCyw1oz.3vs@netcom.com>
Source record: 265875

Would like to know what frequencies are used by police and fire in
Beaverton, Oregon. Thanks in advance.

5039. Re: Caller ID experiment results

Newsgroup: rec.radio.scanner
Date: 1994-11-07 10:04:37 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <39ku3l$gjb@tiger1.ocs.lsu.edu>
Source record: 265976

Glynne Tolar (gtolar@blkbox.com) wrote:
: Caller ID works like this:
: info occours. It is exactly the same as a 1200 baud modem. You could
: even modify a 1200 baud (or greater) modem to not hold the line off-hook
: and monitor the phone line. Unless cordless phones are designed to detect
(snip)
: the handset is designed to detect and then simulate a ring. If you try
: moding a modem for this (a simple .47pf cap. at the phone line end
: of the isolation transformer ought to do it) just set you comm software
: for 8n1/1200 baud and there should be no need to decode it. It comes

Wow Glynne, sounds like you've done your homework! As I have not, could
you explain a little more about the placement of the capacitor. I'd like
to try it, but I'd like a little more info before I start.
Thanks,
Dave

5040. Re: US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-07 12:22:38 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.171.000C60F1@cornell.edu>
Source record: 265996

>...Or he could be 100% accurate. Anyone remember the Kent State Massacre?

>Andy

Kent state was National Guard. They have no Constitutional prohabition on acting against U.S. citizens as the U.S. military does. But the thought that scares the hell out of me is that somewhere someone is thinking about using troops to forcibly take our scanners\guns\liberties away. Paranoid maby, but that dosn't mean that it isn't so. Remember if they really want to keep us from knowing they first have to remove out ability to hear them comming, ie our radios (this is reason enough for this thread to be in this newsgroup).
carl KB2SGX
Carl (ex-jarhead) Semper Fi
"To those who fought for it, freedom has a flavor
the protected will never know"
unknown Marine; Khe Sahn, Viet Nam

5041. Yupiteru 7100 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-11-07 12:54:35 UTC
From: blangos@wtc34a.DaytonOH.NCR.COM
Message-ID: <1226@wtc34a.DaytonOH.NCR.COM>
Source record: 265977

Yupi with all accessories and in excellent condition. New April this year and has full coverage including cellular. Shipped anywhere in the US for $450.00.

--
Bruce Langos

Bruce.Langos@wtc34a.DaytonOH.NCR.COM
...!uunet!ncrhub!dayhub!wtc34a!blangos

5042. Re: Drive Thru "radio"

Newsgroup: rec.radio.scanner
Date: 1994-11-07 13:04:14 UTC
From: jcosiman@clark.net
Message-ID: <39l8ke$39r@clarknet.clark.net>
Source record: 265885

: In a previous article, k8zgw@hamnet.wariat.org (Don Ritchie K8ZGW) says:

>Will someone please explain just why ANYONE would want
>to listen to a fast food drive thru window.

Because the idea of one owning a scanner is to listen to stuff
non-scanner owners can't hear. Sheez! leave this issue alone. Who cares???

--
+--+
| jcosiman@clark.net - jcosimano@his.com |
| ^^^^^^^^^^^^^^^^^^ |
| Finger for PGP public key |
+--+

5043. Re: Radio ratings by monitoring car recievers?

Newsgroup: rec.radio.scanner
Date: 1994-11-07 13:31:48 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.2.000D8817@ccm.hf.intel.com>
Source record: 265998

In article <CypCFy.ILw@melpar.esys.com> wierz@flamingo.cad.melpar.esys.com (john wierzbicki ec) writes:

>|> If your interested, 100.3+10.7 X 4 = 444.000.
>|>
>|> Sean
>|>
>|>

>Last time I checked, 100.3 + 10.7 x 4 = 143.1 .

I think he ment: (100.3 + 10.7) x 4 = 444.000

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5044. PURDUE airport frequencies wanted

Newsgroup: rec.radio.scanner
Date: 1994-11-07 14:08:56 UTC
From: "Bret A. Pennington" <bap@storm.atms.purdue.edu>
Message-ID: <Pine.A32.3.90.941107090756.13667B-100000@storm.atms.purdue.edu>
Source record: 265979

Does anyone have frequencies for PURDUE airport and
police?
Thanks

BRET A. PENNINGTON/COMPUTER TECHNICIAN/EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 4-0678 (317-494-0678)/ PURDUE UNIVERSITY
WEST LAFAYETTE, INDIANA 47907
bap@mace.cc.purdue.edu BretP26328@aol.com BWWA68A@PRODIGY.COM

5045. Re: Need recommendation on the pro-43 mods ...

Newsgroup: rec.radio.scanner
Date: 1994-11-07 14:11:10 UTC
From: bobj@netaxis.com
Message-ID: <39lchu$qat@eliza.netaxis.com>
Source record: 265964

Berton Corson (g9153402@huey.csun.edu) wrote:

: WHAT A COINCIDENCE! I posess those skills too... But I'll underbid even
: you. I'll do it for $10.00, and the person who wants it done does not
: even have to supply me with the two very sophisticated electronic tools
: I need to do such an operation: A phillips screwdriver and a small pair
: of wirecutters. Oh, boy. I'm rich. :)

I'll do it for $3 + return shipping, and I will move the diode instead of
simply snipping it.

5046. The Law

Newsgroup: rec.radio.scanner
Date: 1994-11-07 14:12:53 UTC
From: ucahkmj <ucahkmj@ucl.ac.uk>
Message-ID: <1994Nov7.141253.22369@ucl.ac.uk>
Source record: 265980

Hi,

Where can I find out about the UK law on using scanners? I have seen many articles about the law, but which law or laws are being written about here?

Best wishes,

Kalvis

5047. PRO-2026 - S-Meter Connection

Newsgroup: rec.radio.scanner
Date: 1994-11-07 14:25:16 UTC
From: steveccbn@aol.com
Message-ID: <39ldcc$jdf@newsbf01.news.aol.com>
Source record: 265981

I have a PRO-2026 and would like to hook up an S-Meter. Does anyone know where on the board I need to tap into for the S-Meter. Any help would be appreciated. I have an S-Meter on my PRO-43 and it works great.

Thanks,

Steve

5048. FOR SALE- ICOM R7100-Unblocked

Newsgroup: rec.radio.scanner
Date: 1994-11-07 15:07:16 UTC
From: dube@panix.com
Message-ID: <39lfr4$iba@panix.com>
Source record: 265983

Icom R7100 for sale. Unblocked model. Like new barely used with all
original materials. Best offer.
Brian

5049. pro 2006

Newsgroup: rec.radio.scanner
Date: 1994-11-07 15:36:00 UTC
From: jberenyi@cc.weber.edu
Message-ID: <7NOV199408365436@cc.weber.edu>
Source record: 265969

When in search mode can you lock out an annoying frequency? Also, can
you search more than one search bank at a time automatically. I cant find these in the manual
features anywhere in the manual. If anybody knows how to address this please
let me know.

5050. Re: Police Mods

Newsgroup: rec.radio.scanner
Date: 1994-11-07 15:43:23 UTC
From: woody@netmaster2.hq.af.mil
Message-ID: <39lhur$5og@hq.hq.af.mil>
Source record: 265956

Pete W. (kaweiss@silver.ucs.indiana.edu) wrote:
: Radar detector *detectors*??? Egads. How do they work? -Pete.

They detect the local oscillator freq of the radar detector.

m

--
/--\
When in charge, ponder;	Help! I'm being held
When in trouble, delegate;	captive in the
When in doubt, mumble.	basement of the
--James H. Boren	Pentagon!

| Mark Woods: woody@netmaster2.hq.af.mil |
\--/

5051. Re: Calif. Cellular Telephones: Price =

Newsgroup: rec.radio.scanner
Date: 1994-11-07 15:44:56 UTC
From: cnd@mailbox.brisnet.org.au
Message-ID: <cnd-0811940152060001@cnd.brisnet.org.au>
Source record: 266023
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

In article <39eomc$ltp@nic-nac.CSU.net>, g9153402@huey.csun.edu (Berton Corson) wrote:

> charlie cremer (cremer@delphi.com) wrote:
>
>

The fact is that America's cellular system is fragmented, expensive, prone to fraud and fucked up by parochial pissy little phone companies that can't seem to understand that that a cellular phone is highly mobile and does not have a "home".

I agree that the sales people are full of shit: a product of a shitty system that simply does not work.

Sorry guys, but the US let competition go so mad that the phone system is completely fucked up.

> > >The problem is you're being forced into these deals, in which often
> > >the only one really benifitting from some of the onerous contracts
> > >are the cellular retailers. How would you like it if grocery stores
> > >started to demand that if they're going to sell you groceries at
> > >a reasonable price, that you must sign a contract saying you will
> > >shop there for at least a year and agree to buy so much. And if
> > >you don't you'll be charged an early termination fee of several
> > >hundred dollars? People would be up in arms if this was the case
> > >with grocery stores, but this is what is happening with cellular
> > >retailers, but is far worse if you really knew what they were up to.
> >
> > Ahem, you've just described a Co-Op. There are thousands of them all over
> >the country. For groceries, heating and motor fuel, for farm equipment and
> > for lots of other "quantity buying" deals. I ain't heard no screaming.
>
> What I'm saying is your "forced" to buy this way, with slick-talking
> salesmen ready to take you to the cleaners. How would you feel if
> EVERY grocery store in town did the same thing. Saying you're obligated
> to buy such and such every month, and if you don't, you must pay them
> a $1000 dollars. You absolutely couldn't comparison shop anymore, and
> stores wouldn't have to advertise as much, or have sales, since their
> customers are stuck buying from them, or they will starve. But if
> you really knew all the crap and lies cellular retailers do in
> California, in ripping off the public, then you would understand why
> they have this law, even though the enforcement of it I see as quite lax.
> It has nothing to do with free enterprise, but with consumer protection.

5052. Caller id, cordless phone & scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-07 16:23:42 UTC
From: physbs@muccmail.missouri.edu
Message-ID: <physbs.1.001065A0@muccmail.missouri.edu>
Source record: 266003

Bernhard Stepke, Ph.D. physbs@muccmail.missouri.edu
Dept of Physiology University of Missouri
Columbia MO 65212 (314) 882-7666

5053. Re: US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-07 16:25:53 UTC
From: domonkos@access.digex.net
Message-ID: <uBblkiubG60G066yn@access.digex.net>
Source record: 265985

In article <39dm27$lcc@mozo.cc.purdue.edu>, Mark D. Conner wrote:

....cut...
>
> This (and the bit about training foreign soldiers in Michigan) is a
> clever manipulation of facts laced with unfounded rumor in an attempt
> to whip up some hysteria about the UN taking over the US. Using
> "GUNS" magazine (the original source) as an authority on this sort of
> thing is sort of like quoting Greenpeace publications on nuclear
> power.
>
> --
> Mark D. Conner - N9XTN Opinions expressed here are
> Dept. of Earth & Atmospheric Sciences not necessarily those of the
> Purdue Univ., W. Lafayette IN 47907 Government, DoD, Purdue, or
> mconner@rain.atms.purdue.edu the author.

...Or he could be 100% accurate. Anyone remember the Kent State Massacre?

Andy

5054. Re: Newspaper quoting traffic heard on a scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-07 16:26:04 UTC
From: domonkos@access.digex.net
Message-ID: <jEblkiubGUsP066yn@access.digex.net>
Source record: 265986

In article <1994Nov5.122129.4772@cmkrnl>, Jamie Hanrahan, Ker wrote:
>
> And publishing doesn't count as "divulging to others"? Think again.
>
> --- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
> Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

The media will do whatever it seems fit (or politically correct at the time.
Corporations own the government and the media, end of story.

Andy

5055. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-07 16:26:15 UTC
From: domonkos@access.digex.net
Message-ID: <wGblkiubGMkD066yn@access.digex.net>
Source record: 265987

In article <39f1p7$2l0@eliza.netaxis.com>, Bob Jackson wrote:
>
> Well, I found the frequency to Taco Bell at 464.9625. Thanks to all who
> responded. I never thought a simple question about Taco Bell would have
> created a thread with 20 responses.

I warned you :-)

Andy

5056. Re: Mobile scanners and military a/c freqs

Newsgroup: rec.radio.scanner
Date: 1994-11-07 16:26:26 UTC
From: domonkos@access.digex.net
Message-ID: <WSblkiubG-GB066yn@access.digex.net>
Source record: 265879

Uniden BC890XLT covers military aircraft very well.

Andy

5057. Re: Cordless Scanner Law Is Banned

Newsgroup: rec.radio.scanner
Date: 1994-11-07 16:26:37 UTC
From: domonkos@access.digex.net
Message-ID: <ITblkiubGcVJ066yn@access.digex.net>
Source record: 265965

In article <kjnCypFx6.I6v@netcom.com>, Ken Navarre wrote:
> equipment to install sophisticated encryption devices on every phone.
>
> The problem is that they really don't want to solve the privacy issue at
> all. They give the appearance of *privacy protection* without incurring the
> warth of the money boys in "Big Business". If REAL privacy were available
> the DOJ (Dept. of Justice) might want a univeral key (read Clipper Chip)
> to allow _them_ access if they want to listen in...
>
> Naw... that'd never happen.
> Would it?
>
> Regards;
> --
> Ken Navarre

They setting receiving frequency limitations, dangerous precedents....

Andy

5058. Re: Secret service freq, president

Newsgroup: rec.radio.scanner
Date: 1994-11-07 16:26:51 UTC
From: domonkos@access.digex.net
Message-ID: <$VblkiubGAzU066yn@access.digex.net>
Source record: 265878

In article <39gpo7$5e3@news.ecn.bgu.edu>, Peter M Woolsey wrote:
>
> The president uses a general business band???????? The freq you can go
> into radio shack and use to transmit.... Hmmmm.......
>

Practicing for his next job. maybe :-)

Andy

5059. Re: 855xlt cell freq. mod?

Newsgroup: rec.radio.scanner
Date: 1994-11-07 16:27:07 UTC
From: domonkos@access.digex.net
Message-ID: <BZblkiubGYxV066yn@access.digex.net>
Source record: 265876

The monitoring times has the mods for this unit. Also, try FTP'ing the mod from oak.oakland.edu in the /pub/hamradio/mods/uniden/bearcat/ section.

Andy

5060. Re: Cops Scrambling Trans

Newsgroup: rec.radio.scanner
Date: 1994-11-07 16:44:24 UTC
From: tharrell@nmsu.edu
Message-ID: <39llh8$ras@dns1.NMSU.Edu>
Source record: 265957

```
Darwin Teague (darwin.teague@exnavy.esnet.com) wrote:
: What does it sound like when they're scrambling? If they sound like
: Donald Duck, they are probably using speech inversion. You can buy a kit
: for a descrambler for that for about $30 from Ramsey Electronics. Check
: the ham magazines (73, QST, etc).

What would Donald Duck sound like if his voice was speech-inverted??
--
*-------------------------------------------------------------------*
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |
*-------------------------------------------------------------------*
```

5061. VOTE TUESDAY to end the Democratic Stranglehold on Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-07 16:45:57 UTC
From: crisp@netcom.com
Message-ID: <crispCywp8L.Hp0@netcom.com>
Source record: 265736
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Your freedoms and Constitutional liberties are at stake.

Here is how they have screwed you in the last few years:

Scanner ban
Digital Telephony's wiretap provisions
Digital Telephony's equipment bans
"Assault" (Civil Defense Weapon) Ban
Illegal retroactive tax increases
Plans ot outlaw non-government approved crypto
etc etc etc

Throw all Washington Incumbents out of office! You will sleep better knowing
you have done your part at restoring liberty to this misguided but great
country your fathers have fought and died for. Do not let their deaths be in
vain, vote to restore liberty and democracy in our country.
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

5062. Re: Cordless Scanner Law Is Banned

Newsgroup: rec.radio.scanner
Date: 1994-11-07 16:52:05 UTC
From: crisp@netcom.com
Message-ID: <crispCywpIu.IC8@netcom.com>
Source record: 265988

In article <39gge8$k26@crl9.crl.com> dseitel@crl.com (David S. Eitelbach) writes:
>Ken Navarre wrote:
>> If they wanted to REALLY protect the privacy of individuals using
>> cordless/cellular technology then require the *manufacturers* of the
>> equipment to install sophisticated encryption devices on every phone.
>...
>> Naw... that'd never happen.
>> Would it?
>
>No. If you look at what policy makers do in light of the interests of
>the monied and powerful in our society, you will see those interests
>being, in the words of Adam Smith, "peculiarly attended to". The rest
>of us can go to hell--or go amuse ourselves with our ballot boxes.
>
>The scanner spectrum blot-outs are but one example of this pandering.
>

The day for REVENGE is here. Vote the bums out of office, give them
a taste of the unemployment line they helped create! Let them have
the holidays to spend with GrandKids. In short. return on incumbents
to washington!
rdc

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

5063. Re: Caller ID experiment results

Newsgroup: rec.radio.scanner
Date: 1994-11-07 17:22:54 UTC
From: septimus@acsu.buffalo.edu
Message-ID: <Cywqy7.3vn@acsu.buffalo.edu>
Source record: 265989

In article <39k2qh$lb5@newsbf01.news.aol.com>,
Shawn4sk1 <shawn4sk1@aol.com> wrote:
>I tried to do a basic Caller ID experiment being it makes for a great
>weekend education project... A phone cord consists of a red (power?),
>black (ground?), yellow and green wire and the RCA jack consists of a red
>(positive) and a black (ground)... How to wire this all up together? I
>didn't have a clue. I tried a few ways, keeping black and black connected
>and attempting to call myself after connecting the various phone cord
>colors to the red RCA wire. None of them phased my Caller ID box.
>
(snip)
>Shawn

The wires you are using aren't the right pairings. The red goes with the
green, and the yellow with the black. I believe the red is the negative
and the green is the positive (go yell at Western Electric for reversing
the conventional red=hot arrangement). At one time the yellow was used for
the input to the ringer; some old phones I have found will not ring unless
you connect the yellow and green wires together (INSIDE the phone, not at
the jack.) These are the old W.E. phones with the mechanical ringers. On
a modern setup, the yellow wire is only used as the (+) terminal for a second
line on a two-line jack (with the black being the (-) terminal). If you
have only one line, there won't be anything even connected to the black wire
in the wall jack.
Note also that a dial phone with a mechanical ringer doesn't care about
the polarity; it's only needed for a Touch-Tone or other electronic-type
--
||J.Alan Septimus||You can't have everything...||V111G9BQ@ubvms.cc.buffalo.edu
|| KA2GYP ||...where would you put it? || septimus@acsu.buffalo.edu
||===============||==============Steven Wright=||NYC Locksmith License 824141

5064. WHY? - Well that's always the good question

Newsgroup: rec.radio.scanner
Date: 1994-11-07 18:04:03 UTC
From: pbobby@sunyboard.org
Message-ID: <27667CWMGHNYHXMKJHR@sunyboard.org>
Source record: 265990

Been scannig in the high freqs, found some audio for cable-tv channels.

I found audio for abc and nbc, aswell as some other channel that had something else which I didn't recognize.

These freqs were 888.200 and 926.???, around in that area. In fact nbc was on 2 frequencies, as clear as can be.

I can lock in anywhere in the city, so it's not something just local to my house.

Would anyone know why this is happening?

5065. Re: Need help, can't receive CHP mobiles

Newsgroup: rec.radio.scanner
Date: 1994-11-07 18:25:28 UTC
From: rtm@newton.apple.com
Message-ID: <rtm-0711941925280001@kip-44.apple.com>
Source record: 265991

In article <jim-041194145848@jimsmac.ttech.com>, jim@ttech.com (Jim Wayda)
wrote:

> I have two RS PRO-43 scanners. I cannot receive the CHP mobiles unless they
> are only several miles away. I receive the base stations with no problem. I
> have all of the mobile and base freq's programmed into my scanner. Is it
> not possible to receive the CHP mobiles using just the rubber duck antenna?

Sounds like things are working just fine-

1) The CHP mobile repeaters on 154.905 are very low power- they're only
built to go between the officer and the car

2) Standard operating procedure is to leave them off until/unless exiting
the vehicle (to make life harder on folks with scanners?)

--

Bob Martin N6MZV * rtm@newton.apple.com
Apple Computer, Inc *

5066. FS:PRO_43 A ($213)

Newsgroup: rec.radio.scanner
Date: 1994-11-07 18:26:21 UTC
From: alf@hprpcd.rose.hp.com
Message-ID: <39lrgd$pue@hpchase.rose.hp.com>
Source record: 265992

A local RatShack has their last PRO-43 (A) at 199 +tax.
NIB w/ full warrantee etc etc.

Orig list $349.

FYI ...(916) 371-7932

--
--
___ / __ __/ ____/ Al Knoll HP Performance Technology /
/ / / / Center Roseville, CA, USA 95747 /
_____/ / / 916.785.5317 (Telnet 785-5317) /
/ / / email: alf@hpptc44.rose.hp.com /
__/ __/ ______/ _____/

5067. Re: request: Mods for BC-890XLT

Newsgroup: rec.radio.scanner
Date: 1994-11-07 18:37:12 UTC
From: mulligan@ACM.ORG
Message-ID: <39ls4o$am3@hopper.acm.org>
Source record: 265993

swanie@wln.com asked:
> ... the Radio Shack model number that is identical to the BC890XLT ?

Uniden BC890XLT = Radio Shack PRO-2036
/* barry /&

5068. Re: PRO-43 Mod option

Newsgroup: rec.radio.scanner
Date: 1994-11-07 19:18:38 UTC
From: mulligan@ACM.ORG
Message-ID: <39luif$arv@hopper.acm.org>
Source record: 265994

hancock@access.mbnet.mb.ca (Paul Hancock) asks:
> ...just remove the diode or should I insist he resolders it into D4?

The diode functions are: D1 - enable keylock switch
D2 - enable 30-54 MHz
D3 - enable 54-88 MHz (nominally 68-88 MHz)
D4 - disable U.S. cellular
D5 - step cellular at 12.5 kHz (vs. 30 kHz)

If you have an international version of the PRO-43, there should be diodes at D1, D3 & D5. The US/Canada version has D1, D2 & D4. Moving the diode _from_ D4 to D3 will give limited reception of TV chs 2-6, but the filter for that band has 10 components tuned for 30-54 MHz and reception will be poor at best. Installing D3 won't hurt but, unless you have an overriding interest in the 72-76 MHz range, it won't help much either.

/* barry /&

5069. freq list for SC,NC

Newsgroup: rec.radio.scanner
Date: 1994-11-07 19:29:47 UTC
From: tmarsh@CHM.TEC.SC.US
Message-ID: <39lv7b$ho6@ns.sunbelt.net>
Source record: 265932
Cross-posted to: alt.radio.scanner,rec.radio.scanner

This might be a little much to ask for, I am new to this.

Is there a way to get a frequency listing for southern NC and nother SC.

If so, please respond by mail to (I am using someone elses account at this time):

KDAVIS@CMT.CHM.TEC.SC.US

Thanks,

Kyle H. Davis

5070. WTB! I know you have one!!

Newsgroup: rec.radio.scanner
Date: 1994-11-07 19:52:17 UTC
From: browere@einstein
Message-ID: <39m0hh$21v@nic-nac.CSU.net>
Source record: 265995

I am looking to buy a first scanner, and I know pretty much what I want-

Somewhere between 100-200 channels
Handheld (pref.) or Mobile, or Base
Preferably NOT modified for cellular (but retaining ability to do so)
General coverage expected of such a scanner (don't need Air Freq.s)

This is the same scanner you bought a while back, before you upgraded
to what you now have. I know you were hanging on to it for no reason
whatsoever, but nows the time to clean it out of that electronics box
you've been accumulating in the closet/garage! Give a beginner a chance
to get in on the action. Any variations on the above will be considered!
However, I am the epitome of a 'starving-student', so please offer a
very reasonable price.

Thanks to you all. The five minutes you take to find and dust-off that
scanner you were never intending to use anymore has the ability to brighten
the day of someone whom you have never met!! WHAT A GOOD FEELING!!!

Eric
(browere@einstein.cnrs.humboldt.edu - Ignore above address; it is wrong.)

5071. Pro 39

Newsgroup: rec.radio.scanner
Date: 1994-11-07 20:31:28 UTC
From: dpfg@ukc.ac.uk
Message-ID: <5451@rook.ukc.ac.uk>
Source record: 265972

Tandy are now advertising the Pro-39 "Realistic" Hyperscan
200 Scanner, with bands 68-88, 108-136 (AM), 137-174, 380-520
and 800ish MHz.

If anyone has tried this item and has any comments, particularly
its suitability for the inexperienced user, t'would be most
grateful to hear.

Thanx.....

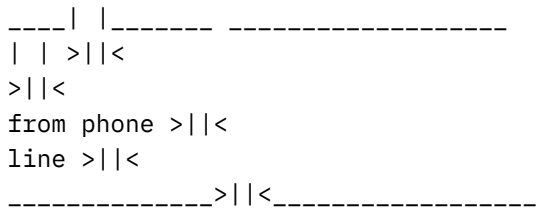
5072. Re: Caller ID experiment results

Newsgroup: rec.radio.scanner
Date: 1994-11-07 20:50:39 UTC
From: gtolar@blkbox.com
Message-ID: <39m3uv$t2l@news.blkbox.com>
Source record: 265997

David B Baker (dbaker@tiger.lsu.edu) wrote:

: Wow Glynne, sounds like you've done your homework! As I have not, could
: you explain a little more about the placement of the capacitor. I'd like
: to try it, but I'd like a little more info before I start.
: Thanks,
: Dave

Well, I only know this by theory rather then fact, I must confess. I've
not tried this myself. You can find a cheap slow modem these days.



transformer inside modem

You will likely have to cut a trace on the PC board to fit it in there.
(or place the cap in the phone line going to the modem)

Send an ATS1=1 might fix it to look for the data burst.

As you can tell, I don't do documentation! Hope that clears this up.

Oh, I also have a gif on how to make a RS-232 interface to a caller ID
box for anyone interested.

5073. Re: Caller ID experiment results

Newsgroup: rec.radio.scanner
Date: 1994-11-07 22:35:34 UTC
From: shawn4sk1@aol.com
Message-ID: <39ma3m$pev@newsbf01.news.aol.com>
Source record: 265999

Well Glynne, where were you when I needed you? :-)

There's the answers folks! No wonder I didn't get a thing...

:-)

Shawn

(shuffle, shuffle) "Modem...? Now where'd I put my old modem...?"

5074. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-07 23:19:50 UTC
From: edmc@interaccess.com
Message-ID: <edmc.30.013D22DF@interaccess.com>
Source record: 266022
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <1994Nov6.150757@sdg.dra.com> sean@sdg.dra.com (Sean Donelan) writes:
>From: sean@sdg.dra.com (Sean Donelan)
>Subject: Re: FBI director says they may pursue outlawing non snoopable crypto!
>Date: 6 Nov 94 15:07:57 CDT

>In article <3913eh$rq7@xcalibur.IntNet.net>, entropy@zeus.IntNet.net (Jonathan Cooper)
writes:
>>>They don't listen to them manually, they actually have computers listen
>>>for 'key' words. Anything with 'kill' and 'president' gets some attention
>>>I guess. Soon, any converstaion with 'scanner' will bring armed men to
>>>your door I'm sure.
>>
>> Upon what information do you base this bullshit statement?
>>

>KIBO runs a scanner that looks for any postings with the word KIBO.

>--
>Sean Donelan, Data Research Associates, Inc, St. Louis, MO

This brings to mind the old NSA Line-eaters. People would fill thier .sig
files with all the hot words and thus overload any supposed scanning. I have
read somewhere that most of the satalites launced by National Recon.
guys are used for interecepting phone calls using this hot word technique ala,
the movie. "Clear and Present Danger."

- Could the FDA's regulation of cigarettes cost lives?
- Is civil rights protection for sexual orientation "violence"?
- Could the rationing of Health Care mean the end of seat-belt laws?
- Why did an FBI sniper shoot off Vicki Weaver's face as she held her baby?

Check out some uncommon sense (and some cool graphics & links) at:

http://www.interaccess.com/users/edmc/

5075. Re: FREQUENCY INTELLIGENCE DIRECTORY

Newsgroup: rec.radio.scanner
Date: 1994-11-07 23:55:56 UTC
From: habu@gate.net
Message-ID: <39meqc$1avs@tequesta.gate.net>
Source record: 266000

JEFF SEALE (JEFF_SEALE@bitstream.mpls.mn.us) wrote:
: Is this a book or a disk?

Book

Mike

--

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

5076. Re: FREQUENCY INTELLIGENCE DIRECTORY

Newsgroup: rec.radio.scanner
Date: 1994-11-08 00:14:22 UTC
From: valleyj@romulus.housing.fsu.edu
Message-ID: <39mfsu$l1c@mailer.fsu.edu>
Source record: 266001

JEFF SEALE (JEFF_SEALE@bitstream.mpls.mn.us) wrote:
: Is this a book or a disk?

I read about it in the newspaper when the author was arrested for digging around in the dumpster of a Motorola plant something like that. I think that it is a published book. I'd sure like to get a copy of it. If anyone knows where to get it, I hope you'll share the info with the rest of us.

--
Jeffrey M. Valley
valleyj@romulus.housing.fsu.edu
valleyj@freenet.fsu.edu
valleyj@world.std.com

5077. Re: US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-08 00:22:30 UTC
From: feustel@netcom.com
Message-ID: <feustelCyxADJ.Ftp@netcom.com>
Source record: 266002

cjs9@cornell.edu (Carl Steckler) writes:

>>...Or he could be 100% accurate. Anyone remember the Kent State Massacre?

>>Andy

>Kent state was National Guard. They have no Constitutional prohabition on
>acting against U.S. citizens as the U.S. military does. But the thought that
>scares the hell out of me is that somewhere someone is thinking about using
>troops to forcibly take our scanners\guns\liberties away. Paranoid maby, but
>that dosn't mean that it isn't so. Remember if they really want to keep us
>from knowing they first have to remove out ability to hear them comming, ie
>our radios (this is reason enough for this thread to be in this newsgroup).
>carl KB2SGX
>Carl (ex-jarhead) Semper Fi
>"To those who fought for it, freedom has a flavor
>the protected will never know"
>unknown Marine; Khe Sahn, Viet Nam

3 articles that might be of interest:
=1==

[from the 11/7/94 issue of THE SPOTLIGHT]
Live Ammo Left At Scene of `SWAT'
Exercise Endangers Civilians

Live ammunition, including an armed
grenade, were left at a practice raid site
in suburban Detroit.

EXCLUSIVE TO The SPOTLIGHT BY MIKE BLAIR

An investigation by the Michigan state legislature is
being pressed as the result of a series of attacks by
what appears to have been SWAT type teams of a
multi jurisdictional task force, including National
Guard or regular Army troops, in a residential area of
a Detroit suburb. Following the incident, which
involved live ammunition, an investigation at the scene
was conducted by a Michigan state representative and
aides, revealing a live grenade, detonators for plastic
explosives and live rifle and pistol ammunition left at
the scene by the mock attack force. The vacant build-
ings in which the SWAT exercises took place were not
properly secured afterwards, leaving the live ordnance
littered about within the buildings to be picked up by
curious children who live nearby.

"This sort of thing is outrageous and must be stopped," an angry state Rep. Deborah Whyman, a Republican who lives in nearby Canton and represents the 2lst District of the Michigan House of Representatives, told The SPOTLIGHT. The first incident occurred during the night of September 21 when residents living near the vacant buildings, located near the Willow Run Airport in Van Buren Township east of Detroit, called township police to complain of automatic weapons being fired.

The area is in the vicinity of what was once the largest single manufacturing operation ever housed under one roof, the nation's biggest bomber factory operated by the Ford Motor Company during World War II. After the war the site was utilized by the Aeronautical Research Center of the University of Michigan and by the Packard and Kaiser-Frazer automobile manufacturing companies.

The Van Buren Township Police, who apparently had not been notified that the SWAT teams were going to be using live ammunition, told the residents that blank ammunition was being fired and tried to assure them that only training exercise were being held and they were not to worry.

Then, on the morning of September 28, more automatic gunfire and explosions erupted at the site, which includes 12 vacant houses and some surrounding property that had been purchased by Wayne County two years ago for extending the runway of the Willow Run Airport.

Again, frightened residents called police and reported the disturbance but to no avail. Some of the residents said they saw "Special Forces soldiers" involved in mock raids on the abandoned houses.

Rep. Whyman was asked by a constituent with a military background to visit the site to personally inspect the live ordnance that had been left behind by what were describe by Van Buren Police as "Department of Defense personnel," who had last been at the scene.

In the first of several houses inspected by Rep. Whyman, her aides and a number of military experts, live .223 caliber cartridges were found littered about the stairway and in the cellar of the building. Bullet holes were found in the walls.

The .223 caliber cartridge is fired in the M-16 U.S. military automatic assault rifle.

It was noted that the cartridges contained soft-point, expanding bullets, outlawed in warfare by the Geneva Conventions due to their ability to cause large, gaping wounds.

On the second floor, the legislator was horrified to find a stun grenade, from which the pin had been pulled but had failed to detonate, leaving it in a highly volatile state.

Other spent grenade casings littered the houses that were inspected, along with live 9-millimeter rounds, which could have been used in either semi-automatic pistols or submachine guns utilized by the attack teams. Also found in the first house inspected by Whyman and her inspection party was a large photograph of David Koresh, leader of the Branch Davidian group, who died with his followers when their compound in Waco, Texas, was burned to the ground by FBI and other federal agents and personnel when it was attacked by them last year.

In an upstairs bedroom_ of one of the abandoned homes a large gaping hole penetrated a wall to the outside of the building, which military experts with Rep. Whyman told her was probably caused by a detonation of plastic explosives.

While the group inspected the buildings they were being kept under surveillance by men in two vehicles, a gray station wagon and a black sedan. They were believed to be federal agents.

Rep. Whyman told The Spotlight that they were also being watched during their inspection tour by a uniformed Michigan State-Police officer, who drove past them several times in a marked Mustang highway patrol car, normally used for high speed pursuit.

Later, after the group had left the scene and gathered to discuss the situation over lunch at a local fast food restaurant, Whyman noticed that the same state trooper still had them under surveillance from the restaurant parking lot.

Rep. Whyman said that Van Buren Township Police seemed genuinely disturbed and puzzled about the incident, while Wayne County Police, who appeared at the scene during her inspection tour to collect live ordnance, were "less than cooperative."

The live grenade was placed in what was described as
a "bomb box" and then placed on a truck and taken
from the scene by Wayne County Police, who also
collected the live cartridges. Later, although the live
ordnance found at the scene had already been photo-
graphed by local Detroit television news crews,
Wayne County Police spokesmen claimed that it did
not exist at the scene, leading Whyman and others to
conclude that the county police may have played some
part in the multi jurisdictional task force exereise. Rep.
Whyman made certain that the police had cleared the
area of all live ordnance and had aecured the aban-
doned buildings before she concluded her inspection.
The state representative told The SPOTLIGHT that
she intends to press for legislative hearings to deter-
mine precisely who was involved in the mock attacks
on the vacant buildings and who was responsible for
not properly clearing the area of live ordnance, thus
endangering the lives of neighborhood children. She
said she also intends to introduce legislation making it
unlawful to use live ammunition in such operations in
Michigan and that if multi- jurisdictional task force
egercises are held anywhere in the state prior notifica-
tion must be given.

=2==

Newsgroups: alt.politics.org.batf
Subject: BATF Aircraft?
Date: 5 Nov 1994 14:23:29 -0800

November 1994 Flying magazine: On July 24 3 U.S. Marine Reserve OV-10s
were transfered to the Bureau of Alcohol and Firearms, marking the end of
military service for the Bronco.
The OV-10 armament: four 7.62mm M-60C machine guns with 500rpg.
Max weapon load of 3600 lbs distributed between four 600lb and one 1200lb
capy. wing stations. One version mounts a 20mm cannon in the nose. Recent
versions sported a FLIR foward looking infraed radar witha laser
designator. The laser designator is to direct laser guided bombs to their
target.
Why is the BATF getting these aircraft? What are they going to
use them for?

=3==
Newsgroups: alt.politics.org.batf
Subject: Re: BATF Aircraft?
Date: 6 Nov 1994 23:57:31 GMT

In <39h0l1$mgm@crl8.crl.com>, robertm@crl.com (Robert F. Manning) writes:
|November 1994 Flying magazine: On July 24 3 U.S. Marine Reserve OV-10s
|were transfered to the Bureau of Alcohol and Firearms, marking the end of
|military service for the Bronco.
| The OV-10 armament: four 7.62mm M-60C machine guns with 500rpg.

|Max weapon load of 3600 lbs distributed between four 600lb and one 1200lb
|capy. wing stations. One version mounts a 20mm cannon in the nose. Recent
|versions sported a FLIR foward looking infraed radar witha laser
|designator. The laser designator is to direct laser guided bombs to their
|target.
| Why is the BATF getting these aircraft? What are they going to
|use them for?

I guess the real question is "against whom?" Geezez, do we need
them any more armed and dangerous than they now are?

Cheers,
Bob

Post no bills

--
Dave Feustel N9MYI Internet:<feustel@netcom.com>
219-483-1857 Compuserve:<73532,1747>

Every American citizen is involved in an abusive relationship.
Liberals are codependents in that relationship (with the U.S.
Government, in case you didn't figure it out).

5078. help with pro-2024 mods

Newsgroup: rec.radio.scanner
Date: 1994-11-08 00:26:30 UTC
From: Mark@g7ltt.demon.co.uk
Message-ID: <784254390snz@g7ltt.demon.co.uk>
Source record: 266004

Hi all.

does anybody have any mods for a Realistic PRO-2024 scanner?

I have heard that if can do car phones (850-950 in the uk) amd switchable
AM. Also WBFM.

Any ideas?

thanx very muchley

--
Mark A Phillips
mark@g7ltt.demon.co.uk
G7LTT @ GB7WIR.#42.GBR.EU
g7ltt @ gb7ipb.ampr.org [44.131.176.11]

5079. Re: Replacement Batteries for BC2500

Newsgroup: rec.radio.scanner
Date: 1994-11-08 00:45:08 UTC
From: jima119256@aol.com
Message-ID: <39mhmk$r26@newsbf01.news.aol.com>
Source record: 266005

In article <783975238@f747.n115.z1.ftn>, Jerry Smith
<Jerry.Smith@f747.n115.z1.fidonet.org> writes:

No seems to know much about this. I would hope that it is for the whole
battery pack. It says "orginal battery" pack and this raises a question on
whether or not the current ones have been modified somehow. Like longer
charge time.

Hopefully someone may know more about this company.

5080. RadioMap(TM) expanded to 50 states, new street mapping, too.

Newsgroup: rec.radio.scanner
Date: 1994-11-08 00:51:17 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CyxBpI.6EG@nntpa.cb.att.com>
Source record: 266006
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

After locating transmitter sites for several radio hobbyists in NY
and the Great Lakes states, I am expanding RadioMap(TM)
transmitter locating service to all of the 50 states in the USA.

Under a new licensing agreement with a major mapping company,
RadioMap now shows transmitter sites on a detailed, color street
map of the area you request.

From the rec.radio.scanner FAQ article:

Over 15% of the FCC licenses, including many fast food
restaurants, contain transmitter latitude and longitude but
specify no transmitter city. To determine the location of
those transmitters requires using the latitude and
longitude information.

I offer a service which locates FCC licensed and selected |
FAA transmitter sites in an area of your choice, and |
produce a custom color map. I call this new innovation |
RadioMap(TM) service. It allows you to identify antenna |
sites (including paging and cellular phone cell sites) and
visualize the transmitter locations in your neighborhood,
near your office, at an airport, and other places of |
interest -- from VLF through microwave. |

This is completely different from the limited maps |
displayed on the Grove Enterprises CDROM. Through a new |
licensing arrangement with a professional mapping company, |
RadioMap shows detailed streets, railroads, rivers, and |
cities. Ham radio stations are not shown as they would |
clutter the RadioMap. RadioMap includes key sheets which
list frequencies, callsigns, and licensee names. In rural
areas, ranges of up to 10 miles are possible, while ranges
of 1/2 to 3 miles produce best results in urban cities.

I will produce custom color 8-1/2" by 11" RadioMap reports, |
suitable for framing or laminating, for areas in any of the |
50 states. Send me $19.95 for each color RadioMap, your name,
address, and telephone number, along with center location |
(nearest intersection of 2 streets, or latitude & |
longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL |
60543. tel. 708-554-3839 6-10 PM central time.

--
==========

Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5081. Re: Get a life

Newsgroup: rec.radio.scanner
Date: 1994-11-08 01:11:58 UTC
From: cremer@delphi.com
Message-ID: <9411072007591.DLITE.cremer@delphi.com>
Source record: 266007

>" YOU CANT ORDER BIG MACS AT TACO BELL DING DONG
>
>Who's the ding dong ? Nowhere does the thread limit one to Taco Bell.
>

I like my Ding-Dongs with taco sauce.

Are we having fun yet?

5082. Re: FIRE DISPATCH DIGITAL MDT

Newsgroup: rec.radio.scanner
Date: 1994-11-08 01:30:48 UTC
From: rshepard@interaccess.com
Message-ID: <39mkc8$99h@nntp.interaccess.com>
Source record: 266008

Anthony LaBella (72737.2400@CompuServe.COM) wrote:
: The NYC FIre Dept. is now dispatching units via MDT's or mobile data
: termionals. I think they are using Motorola gear. Does anyone know
: how to decode this stuff **OR** where/how to buy (OUCH!!) the gear
: that will do it?
: --
: Anthony LaBella, Esq.
: Attorney-at-Law
: Conservative
: Life Member of N.R.A.

If it is Motorola Gear, It is not possible to monitor even if you
purchased a mobile terminal for $2000.00. There is no way to monitor
most MDT systems with proprietary operating systems. So unless you want
to purchase a DSP based modem, and spend more time writing code than the
developers of MDT systems, forget about monitoring MDTs.
:(

5083. Re: Strange (?) reception - PRO34

Newsgroup: rec.radio.scanner
Date: 1994-11-08 02:19:49 UTC
From: e90gl@efd.lth.se
Message-ID: <39mn85$ck3@nic.lth.se>
Source record: 266009

In article <783975239@f747.n115.z1.ftn>,
Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> wrote:
> -=> Quoting Steve to All <=-
>
> St> On my PRO34, I receive what sounds (to me) like an unmodulated
> St> carrier, which slowly (very slowly) rises in frequency, starting at
> St> approx 150.000MHz, going up to 160.000+ Mhz or so. The change is
> St> very gradual; I can listen, for instance, to the Co. Sheriff
> St> (155.415), where the carrier will slowly "rise" to the frequency,
> St> interfering with the reception of the Sheriff. I can increase the
> St> squelch, and this works until the carrier keeps the squelch open (full
> St> squelch). Then, the carrier slowly drifts higher, I can reduce the
> St> squelch, and everything is ok again - the carrier slowly slides onward
> St> up the frequency scale.
>
> I wonder if this is the 'floating' birdie phenomenon. I have heard of
>this occuring in many receivers but I haven't noticed it. Perhaps I have
>never noticed it.
>
> Jerry
>

I have an old crystal-scanner which does something like that.

When they switched from 80 MHz to a trunked system in the 400 MHz band
the scanner didn't always stopp at the beginning of the transmission but
merely in the middle or the end of it. The 400MHz oscillator didn't always
start oscillating when the crystals were swithed on to it. I changed some
capacitors and found some values that made it more reliable.

On several occasions but very seldom (have to scan maaany hours for it to
occur) i have expirienced such a phenomena. Suddenly a empty carier comes
up and yoy can actually hear that it is sliding in frequncy.
It doesn't stay long on that channel before it moves off sometimes coming up
on one of the others.

It has also happend when i have had the cabinett taken off. It is very
sensitive just moving your hand quite far from the radio can make it drift
in frequncy. It's "microphonic" i.e. tapping on the cabinet results in a
metalic clinging sound in the loudspeaker. No doubt one stage is self-
oscillating in a way it's not supposed to. I think it's doing it all the
time but since it's only rarely "hitting" one of the frequncies i have
crystals for i don't want to fiddle with it.

I also have a pro-34 but have never had any such problems with it.
My guess is that some stage is self-oscillating in your receiver too.

If it's microphonic when tapping on the cabinett it indicates that it's
generated by some LC-circuit in the radio.
--
Goeran Lowe e90gl@efd.lth.se

5084. What is ACARS ??

Newsgroup: rec.radio.scanner
Date: 1994-11-08 03:10:39 UTC
From: shustak@parkcomm.iii.net
Message-ID: <39mq82$b19@nic.iii.net>
Source record: 266010

Could someone tell me what ACARS is ??

Chris

5085. Re: Strange (?) reception - PRO34

Newsgroup: rec.radio.scanner
Date: 1994-11-08 03:25:16 UTC
From: valleyj@romulus.housing.fsu.edu
Message-ID: <39mr2s$98k@mailer.fsu.edu>
Source record: 266011

Goeran Lowe (e90gl@efd.lth.se) wrote:
: When they switched from 80 MHz to a trunked system in the 400 MHz band

A trunked system in the 400Mhz band? Does the FCC know about this?

Jeffrey Valley
valleyj@romulus.housing.fsu.edu

5086. sc150 sportcat

Newsgroup: rec.radio.scanner
Date: 1994-11-08 03:57:29 UTC
From: alacy@skew.com
Message-ID: <alacy.27.0014F5EA@skew.com>
Source record: 266012

To all SPORTCAT owners:

I was playing today, and decided to make a stab at opening
the SC150's cell range. I cut EVERY jumper in the damn thing,
with nil results. The wierd thing is, even with ALL the jumpers cut,
it still operates as normal. Odd. Well, if anyone can figure anything
out by this, please let me know!

P.S. I cut jumpers-

L801
L802
L13
L5
L3

Al!

and it has a 1611 chip, soooo...if there is another scanner with this chip,
maybe its mod will work!

5087. reset?

Newsgroup: rec.radio.scanner
Date: 1994-11-08 03:59:47 UTC
From: alacy@skew.com
Message-ID: <alacy.28.0014FFB0@skew.com>
Source record: 266013

by the way, does anyone know if there is a reset mode or key-sequence for the sc150?

5088. Re: OPP FREQS NEEDED FOR GUELPH AREA

Newsgroup: rec.radio.scanner
Date: 1994-11-08 04:09:04 UTC
From: Christopher_Douris@magic.ca
Message-ID: <291766271.677821@magic.magic.ca>
Source record: 266014

Haruteq, April 1992 edition available at most ham radio and quite a few Radio Shacks has the entire listing for the OPP's new frequencies.

If you can't find a copy, e-mail me and I send them to you.

Christopher

C_Douris@magic.ca

5089. Re: Get a life

Newsgroup: rec.radio.scanner
Date: 1994-11-08 04:45:37 UTC
From: kjn@netcom.com
Message-ID: <kjnCyxMK1.DJC@netcom.com>
Source record: 266015

Shawn4sk1 says:
" You'd have to be a ham operator to not have fun listening to McDonalds (no
" offense guys :-))

" Really though , back off Don guys, he doesnt get out much (or maybe he's
" just a newbie to the scanner world...??).

And a welcomed addition he is too! Sorry Don, about taking your post to
task. I'll have to admit that just by reading the post about monitoring
fast food drive thrus leads one to wonder...

Who knows though. If our esteemed legislators keep on their merry way it
might be one of the few things left to monitor legally...

Regards;
--
Ken Navarre

5090. Re: pro 2006

Newsgroup: rec.radio.scanner
Date: 1994-11-08 05:15:04 UTC
From: shawn4sk1@aol.com
Message-ID: <39n1go$1kt@newsbf01.news.aol.com>
Source record: 266016

I don't think so, I tried to hit MONITOR while in Search Mode and it stopped on the freq. I then hit L/OUT but nothing happened. The only thing you could do I guess is search just above and then later just below it. Annoying but may be the only way... :-(

Anybody?

Shawn

5091. PHILLY scanner newsgroup created

Newsgroup: rec.radio.scanner
Date: 1994-11-08 05:40:20 UTC
From: scan911@aol.com
Message-ID: <39n304$204@newsbf01.news.aol.com>
Source record: 266017

ANNOUNCING ....

The first regional newsgroup for scanning -- phl.scanner

This new newsgroup was created for scanner radio listeners in the Greater Philadelphia area who wish to discuss scanning related topics. This is the first regional newsgroup for scanning ever created.

This new newsgroup should be used only for discussing local radio systems in southern New Jersey, eastern Pennsylvania and northern Delaware. Other scanning related topics should be kept in the rec.radio.scanner newsgroup.

The purpose of the new newsgroup is to allow local discussion of local radio systems without the noise generated by international newsgroups related to the hobby of scanner radios.

So, tune your Internet connection to phl.scanner and discuss scanning in Philadelphia and the Delaware Valley.

Chuck Gysi, N2DUP
scan911@aol.com -or- chuck.gysi@industry.net

5092. Re: FOR SALE- ICOM R7100-Unblocked

Newsgroup: rec.radio.scanner
Date: 1994-11-08 05:45:31 UTC
From: johnr66374@aol.com
Message-ID: <39n39r$23i@newsbf01.news.aol.com>
Source record: 266018

In article <39lfr4$iba@panix.com>, dube@panix.com (Brian Dube) writes:

I'll give you $500.00

5093. Re: Newspaper quoting traffic heard on a scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-08 06:00:22 UTC
From: jfe@efn.org
Message-ID: <Cyxq0p.1q7@efn.org>
Source record: 266019

In <1994Nov5.122129.4772@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:

>In article <399lt0$9b1@newsbf01.news.aol.com>, scan911@aol.com (SCAN911) writes:
>> As to the Comm Act of 1934, it does not prohibit the publication of comms
>> heard. It DOES, however, prohibit the use of what ones hears on the
>> airwaves for monetary gain. One might argue that the newspaper is a
>> for-profit enterprise and it is making money off what it hears by
>> publishing it. The law also states that one may not divulge to others
>> what is heard.

>And publishing doesn't count as "divulging to others"? Think again.

The paper would gleefuly tell you that they are protected by the First Amendment, "freedom of the press", wich supersedes any legislation.

5094. Bearcat 700a -- any good?

Newsgroup: rec.radio.scanner
Date: 1994-11-08 06:54:37 UTC
From: eab@msc.edu
Message-ID: <39n7bd$fnk@uc.msc.edu>
Source record: 266020

I've got a bearcat 700a that I picked up at best buy for $159 plus tax.
It has the cellular frequencies disabled (but said 800 Mhz on the
box, making me think it was cellular ready). Is there a mod available
for this scanner? Is it a _good_ scanner for the price I paid?
The date code on the back is "0fic"

Also, the scanner didn't come with a manual. Anyone got one they're
willing to part with or photocopy?

Thanks a bunch.
--
Edward A. Bertsch (eab@msc.edu) Minnesota Supercomputer Center, Inc.
Operations/User Services 1200 Washington Ave.So./Mpls MN 55415
+1 (612) 225-0954 voice mail [DISCLAIMER: MY OPINIONS; NOT MSCI'S]
NRA Life,GOA,CCRKBA,MN GOAL "An armed society is a polite society"-Heinlein

5095. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-08 07:45:33 UTC
From: breathe@ic.net
Message-ID: <39naat$6ve@condor.ic.net>
Source record: 266021

Andy Domonkos (domonkos@access.digex.net) wrote:
: In article <39f1p7$2l0@eliza.netaxis.com>, Bob Jackson wrote:
: >
: > Well, I found the frequency to Taco Bell at 464.9625. Thanks to all who
: > responded. I never thought a simple question about Taco Bell would have
: > created a thread with 20 responses.

: I warned you :-)

Perhaps rec.radio.scanners.fastfood.airplanes ?
BTW Thanks for the Colonel's number.
BREATHE!

5096. Re: Secret service freq, president

Newsgroup: rec.radio.scanner
Date: 1994-11-08 09:14:49 UTC
From: Nickolas <nickolas@gate.net>
Message-ID: <Pine.A32.3.90.941108041149.165296A-100000@inca.gate.net>
Source record: 266024

On 2 Nov 1994, CHARLES R. MATTHEW wrote:

> Does anyone know of some freq that the secret service uses when the
> preident is traviling around? Or at least where to scan around? Clinton is
> coming totown and I thought it would be interesting to listen to.
>
> -Charlie N0FXD
> E-Mail cmatthew@wpo.uwsuper.edu
>
> Send email to wl-info-cj@society.com with INDEX in the subject
to request a document, use same address but instead of INDEX put
the KEYWORD if the freq list you want.

Nickolas -- Sysop@CJB (MajorNET)

5097. Re: Info server

Newsgroup: rec.radio.scanner
Date: 1994-11-08 09:30:17 UTC
From: Nickolas <nickolas@gate.net>
Message-ID: <Pine.A32.3.90.941108042801.165296F-100000@inca.gate.net>
Source record: 265925

On 6 Nov 1994, Chip30 wrote:

> In article <Pine.A32.3.90.941030024122.85053A-100000@inca.gate.net>,
> Nicholas Toth <nickolas@gate.net> writes:
>
> What is the Phone # of the BBS?
> TY
>
>
Its CyberJunkie BBS (305) 720-8230 INFO: wl-info-cj@society.com with
INDEX as a subject.

Nickolas -- Sysop@CJB (MajorNET)

5098. Re: RS-2006 Touch Tone Decoder Needed

Newsgroup: rec.radio.scanner
Date: 1994-11-08 09:35:45 UTC
From: milcom@netcom.com
Message-ID: <milcomCyxzzL.5tF@netcom.com>
Source record: 265926

In article <39ev8c$sgm@nic-nac.CSU.net>, g9153402@huey.csun.edu (Berton Corson) says:
>
>
>Anyone know of an inexpensive device I can connect to my Radio Shack
>PRO-2006, that will decode touch tone for me that is heard. Maybe
>something with a small LCD display that I can just plug into the
>tape-out jack in back would be best. Any suggestions on where to
>buy one?
>
The CSI Connect Systems Inc. mode CD-1 will decode PL and DPL as well
as DTMF. it costs $200

5099. Re: Mobile scanners and military a/c freqs

Newsgroup: rec.radio.scanner
Date: 1994-11-08 09:48:48 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <784288128snz@javiaton.demon.co.uk>
Source record: 265927
Cross-posted to: rec.radio.swap,rec.radio.scanner

In article <alacy.24.000A4343@skew.com> alacy@skew.com "skew" writes:

> try the pro-2026! it is on sale for 149.00 and can be modded in literally 2
> minutes. It has 100 channels, and 5 band searches. Good deal.
>
>
I don't think you will find the PRO-2026 will work in the
225-400MHz band after modification. The only RS scanners that
will receiver UHF air are the PRO-2006, PRO-43 and their new
PRO-2035 & PRO-62 (I think thats the model number).

--
Cheers,
/--\
Jonathan Clough,	AOR - Alinco - Camnis - Commtel - Bearcat -
Javiation,	Fairmate - Icom - Sony - Lowe - Realistic -
Bradford, UK	Signal - Tandy - Uniden - Yupiteru & Others
\---
Compu$$erve: 100117,535
Internet : Clough@javiaton.demon.co.uk
\--/

5100. Re: AOR AR8000 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-08 09:53:21 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <784288401snz@javiaton.demon.co.uk>
Source record: 265928

In article <39ii2a$fnm@nntp.crl.com> vhealey@crl.com "Victor Healey" writes:

> I noticed that someone said the aor8000 sucked for scanning the 800MHZ
> trunking bands because of a fixed delay of 2 seconds and a slow scan

Errr...I guess a typo Vic :-)

The MVT-7100 has a built in delay of 2 seconds with a so far
unfound way around it which does make life awkward on trunked
systems I understand.

The delay on the AR8000 can be set to what the user wishes, I
havn't heard any feedback on how well the '8000 works on trunked
systems.

--
Cheers,
/--\
Jonathan Clough,	AOR - Alinco - Camnis - Commtel - Bearcat -
Javiation,	Fairmate - Icom - Sony - Lowe - Realistic -
Bradford, UK	Signal - Tandy - Uniden - Yupiteru & Others
\---
Compu$$erve: 100117,535
Internet : Clough@javiaton.demon.co.uk
\--/

5101. Re: AOR AR8000 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-08 10:05:28 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.3.000A179F@ccm.hf.intel.com>
Source record: 265942

In article <39ii2a$fnm@nntp.crl.com> Victor Healey <vhealey@crl.com> writes:

>I noticed that someone said the aor8000 sucked for scanning the 800MHZ
>trunking bands because of a fixed delay of 2 seconds and a slow scan
>rate of only 30 CPS. My Pro 43 only scans at 40 cps according to
>radio shack catalog. An expert user is said in another post to
>be able to set the scan delay to .5 second on the Aor8000.
>It would seem that it would be adaquate to handel police trunking
>if set up correctly. Am I correct?

It is the Yupi that has the mandatory 2 second delay. The AR8000 can be set
to anything for a delay, including zero.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5102. ? on aircraft frequency guides

Newsgroup: rec.radio.scanner
Date: 1994-11-08 10:21:45 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.4.000A5D18@ccm.hf.intel.com>
Source record: 265944

I have not spent a lot of time monitoring aircraft, but I am looking to get more involved in it. I recently received the Defense Mapping Agency catalog of Aeronautical Charts and Publications.

What I am trying to figure out is which guides are worth while. In particular, route guides and frequency information for military and civil aviation would be the most helpful. Any comments an the following guides? :

1. Area Planning - Military Training Routes (both book and charts)
2. USA IFR supplemant
3. USA VFR supplement
4. High Altitude IAPs (northwest)
5. Low Altitude IAPs (Vol. 3)
6. Civil SIDs/STARs (western)

OTHERS??

Thanks

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5103. Re: Pro2006 w/ Opto456

Newsgroup: rec.radio.scanner
Date: 1994-11-08 11:10:50 UTC
From: clay@panix.com
Message-ID: <clay.1424.2EBF5CBA@panix.com>
Source record: 265929

In article <ZAxVzRz.tsmolen@delphi.com> tsmolen@delphi.com writes:
>Hammett and Edison Inc <hamed@netcom.com> writes:
>
>>We have a Radio Shack PRO-2006 Scanner with the Optoelectronics 456 Tone/PL/
>
>what does the optoelectronics add to the scanner besides the cellular
>band?

- 50 channel per second scan
- CTCSS and DCS controlled scanning and logging
- DTMF decode and log with time and channel
- An RS232C serial port on the back of the PRO-2006 for software control, log, scan and search
- A CI-V interface on the back of the PRO-2006
- An output for signal level and spectrum display

I've already forgotten how to use my PRO-2006 without the computer...

>And how much could I get that addition for?

List price is $299.00

.-. .-.
/ \ .-. .-. / \
/ \ / \ .-. _ .-. / \ / \
-/--Clay Irving-(N2VKG)\-----/---\---/-\---/---\-----/-----\-------/-------\--
clay@panix.com \ / `-' `-' \ / \ /
New York, New York `-' `-' \ /
`-' `-'

5104. Re: for the final time..

Newsgroup: rec.radio.scanner
Date: 1994-11-08 13:40:42 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.5.000DAE1C@ccm.hf.intel.com>
Source record: 265891

In article <alacy.26.000D9C91@skew.com> alacy@skew.com (skew) writes:

>again...does anyone know of a mod for the uniden SC150 sportcat? Thanks again..

No. There are no known (useful) mods to the Sportcat. Cellular is none
restorable (for all practical purposes).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5105. Re: Need information on directional yagi design

Newsgroup: rec.radio.scanner
Date: 1994-11-08 14:01:20 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.6.000E0627@ccm.hf.intel.com>
Source record: 265893

In article <39k9fr$3ie@News1.mcs.com> John Kirby <jkirby@mcs.com> writes:

>Are there any books/sources for specifications for design of directional yagi
>antennas? I have a small tracking transmitter for animals, and want to make
>my own yagi to use with my scanner as opposed to spending an additional $500.
>for the manufacters antenna/receiver combo. Any directions to point me in,
>would be appreciated. Thanks. By the way, these units are small hand held ones.

There are many books out there with Yagi info. You may want to check your
library first (you might be surprised what you find). Otherwise check out a
Ham radio store. There is a very good antenna book I have called the ARRL
Antenna Handbook. I think it was about $28. I have seen a smaller book that
covers just Yagi Beams that is less expensive. To be honest, I have yet to
see a book that makes it simple to design your own Yagi. Without some antenna
theory, constructing a balun to match the antenna is not trivial. If you are
not going to transmit with the antenna, I'm sure it will be fairly simple to
make a Yagi that will work for you.

Also there are several programs available via FTP that will help you design a
Yagi, but the interface is usually rather crude and requires you know a little
about antenna theory to begin with.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5106. Pro 2022 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-11-08 14:34:07 UTC
From: jocatch@vnet.ibm.com
Message-ID: <39o28vINNn5e@afshub.boulder.ibm.com>
Source record: 265889

For Sale - Radio Shack Pro 2022, 200 chans, delay/lockout per chan, covers VHF LO/HI, aircraft, UHF, etc. WILL PICK UP CELLUAR. About 1 year old. Just bought a new BC8500 and I don't need two scanners. (Well I do but I can't afford it. 8-( )

Asking $115 and will throw in Bill C.'s Scanner Modification Book #2 which covers this and other Pro scanners. Will mail COD in US.

EMAIL me if interested. (JOCATCH@VNET.IBM.COM) or CIS 71161,2442.

Joe Cacciatore

5107. Re: What is ACARS ??

Newsgroup: rec.radio.scanner
Date: 1994-11-08 14:37:07 UTC
From: frode@dxcern.cern.ch
Message-ID: <1994Nov8.143707.23321@dxcern.cern.ch>
Source record: 265930

In <39mq82$b19@nic.iii.net> shustak@parkcomm.iii.net (christopher shustak) writes:

>Could someone tell me what ACARS is ??

>Chris

ACARS is an ARINC standard that stands for Aircraft Communications
Addressing and Reporting System. I have identified the following
reports as concerning ACARS:

ARINC-619 - ACARS PROTOCOLS FOR AVIONIC END SYSTEMS

Stock status: Call for information
List Price: 110.50 + handling, shipping (ground, overnight,
2nd day) and sales tax
Pages: 0
Published by: ARINC
Current edition effective: 12-00-93
Edition Status: Current
Edition: 1993 ED.
Keywords:

To order call 415-591-7600, fax 415-591-7617, send email to
order@doccenter.com or send USmail to:

Document Center - 1504 Industrial Way, Unit 9 - Belmont, CA 94002

Orders received before 3:30pm are shipped the same day.
Information and questions can be sent to info@doccenter.com

.
ARINC-724 - MARK 2 AIRCRAFT COMMUNICATIONS ADDRESSING & REPORTING SYSTEM
(ACARS)

Stock status: Call for information
List Price: 128.00 + handling, shipping (ground, overnight,
2nd day) and sales tax
Pages: 0
Published by: ARINC
Current edition effective: 07-00-87
Edition Status: Current
Edition: REL 8
Keywords:

To order call 415-591-7600, fax 415-591-7617, send email to
order@doccenter.com or send USmail to:

Document Center - 1504 Industrial Way, Unit 9 - Belmont, CA 94002

Orders received before 3:30pm are shipped the same day.
Information and questions can be sent to info@doccenter.com

.
ARINC-724A - MARK 2 ENHANCED ACARS AVIONICS

Stock status: Call for information
List Price: 128.00 + handling, shipping (ground, overnight,
2nd day) and sales tax
Pages: 0
Published by: ARINC
Current edition effective: 01-00-87
Edition Status: Current
Edition: REL A
Keywords:

To order call 415-591-7600, fax 415-591-7617, send email to
order@doccenter.com or send USmail to:

Document Center - 1504 Industrial Way, Unit 9 - Belmont, CA 94002

Orders received before 3:30pm are shipped the same day.
Information and questions can be sent to info@doccenter.com

.
ARINC-724B - AIRCRAFT COMMUNICATIONS ADDRESSING & REPORTING SYSTEM (ACARS)

Stock status: Call for information
List Price: 110.50 + handling, shipping (ground, overnight,
2nd day) and sales tax
Pages: 0
Published by: ARINC
Current edition effective: 11-00-93
Edition Status: Current
Edition: REL 2
Keywords:

To order call 415-591-7600, fax 415-591-7617, send email to
order@doccenter.com or send USmail to:

Document Center - 1504 Industrial Way, Unit 9 - Belmont, CA 94002

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Information and questions can be sent to info@doccenter.com

.

I have also heard about a report called ARINC-753 that is supposed to
deal with ACARS, but I have not been able to trace this report.
I would be interested in any further info.

Frode

****
* Frode Weierud Phone : 41 22 7674794 *
* CERN, SL Fax : 41 22 7679185 *

```
* CH-1211 Geneva 23 E-mail : frode@dxcern.cern.ch *
* Switzerland or weierud@cernvm.cern.ch *
************************************************************************
```

5108. Re: Police Mods

Newsgroup: rec.radio.scanner
Date: 1994-11-08 14:41:31 UTC
From: dtiller@rmc.edu
Message-ID: <39o2mr$494@gnd0.rmc.edu>
Source record: 265931

Pete W. (kaweiss@silver.ucs.indiana.edu) wrote:
: Radar detector *detectors*??? Egads. How do they work? -Pete.

Yep. They detect the slight leakage of the IF in your detector. Most all use a 1 GHz IF, so listening to 9.525 or 11.525 GHz will given them the info for low band radar detectors. Ka band are similar around 24 GHz.

--
David Tiller | Network Administrator | Voice: (804) 752-3710 |
dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| Fax: (804) 752-7231 |
Don't let your SKS get | P.O. Box 5005 | ICBM: 37d 42' 43.75" N |
"Tainted with Defilement!" | Ashland, Va 23005 | 77d 31' 32.19" W |

5109. Re: The so-called wiretap acc

Newsgroup: rec.radio.scanner
Date: 1994-11-08 14:44:23 UTC
From: crisp@netcom.com
Message-ID: <crispCyyE9z.6I@netcom.com>
Source record: 265938
Cross-posted to:
rec.radio.shortwave,rec.radio.scanner,alt.society.labor-unions,alt.security.pgp,alt.impeach.clinton,talk.politics.guns

In article <6b.4099.2703@sound.com> richard.dale@sound.com (Richard Dale) writes:
>Subject: The so-called wiretap access bill S.2375
>
>DJ> Yeah, about the wiretap bill. EVERYBODY in America
>DJ> ought to make up their own language, or at least what
>DJ> they call various common things and people. That way,
>DJ> nobody will know who's doing naughty things or not.
>
> Sounds good, but it will mean lots of memorization. It's still a
> form of encryption -- more like a substitution cipher, actually.
> And you *know* some pin-head bureaucrat will pick up on that and
> send in the BATF to burn you down.
>
> The thing is, if I can think about it in a joking manner, someone
> else can think about it as actual policy, heh.
>
> Thank God for Phil Zimmerman and PGP!
>

Actually thank God for the right to vote. We do still have that right
and barring massive fraud such as what has occurred in other countries,
it appears the results of our voting actually decide who takes office and
who does not.

So today is the day we get to end the 40 year assault on our liberties
which have been carried out by the Democratically Controlled House.
Also today we can begin to reverse the 60 years of damage inflicted on
the American People by a Senate controlled by Democrats for all but
12 years out of the last 60.

People, it is time for a change. This is what Bill Clinton ran on in 92,
People gullibly elected him wanting change, but like fools they
sent the Democrats back to control Congress for another 2years. Now
the Democrats have controlled Congres for 40 years without interrruption,
they have controlled the Senate for all but 12 years out of the last 60.

Most of us have not even been alive that long. We say we want chang,
how in hell do we expect change when we keep sending the same party
to back to Washington to control the purse strings?

A vote against the Democrats is a vote for change. Let's have a well
deserved change of leadership in Washington. Vote today against
all Washington Democrats!

leading my list:

Feinstein no (not just no, HELL NO!!!)
Eschoo no
Mineta no
Stark no
Foley no
Gonzales no
Brooks no
and the list has many hundreds more!

Be sure to tune to FEMA frequencies tonight to hear the precinct
captains getting their orders on where to dump the ballots, where
to get the illegal replacements that they had printed up
over the weekend :-) (hey I needed some radio content in this post!).

So send the strongest legal message we can to Washington: we are sick
and tired of the Democrats controlling the Congress, we are fed up
with Bill Clinton's failed liberal agenda, we want real change
and we are counting the days until the 2nd Tuesday of Novbember 1996!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

5110. Re: Best FTP sites?

Newsgroup: rec.radio.scanner
Date: 1994-11-08 15:20:20 UTC
From: prs@hk.net
Message-ID: <prs.296.2EBF9734@hk.net>
Source record: 265940
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.policy

In article <941103.071339.3m2.rusnews.w165w@dvss.UUCP> dvss!jtroy@louie.udel.edu (Jay Troy) writes:
>Which are the best radio/ham/mods/freqs/etc FTP sites?

For one, try hk.net (/shareware/prs)
That's the home of the ID LOGIC SW Simulator,
and the World Clock.

Pierre R. Schwob
prs@hk.net

5111. Re: New version of PRO-2026(2026A)

Newsgroup: rec.radio.scanner
Date: 1994-11-08 15:21:05 UTC
From: domonkos@access.digex.net
Message-ID: <4evlkiubGYSU066yn@access.digex.net>
Source record: 265963

In article <397tmi$6ro@nntp.crl.com>, Victor Healey wrote:
> > Mickey R Henniger (henniger@crl.com) wrote:
> > : Just got my hands on a Radio Shack PRO-2026A to see what it was as was
> > : pleasantly surprised. The guys at RS have done a good job with bugfixes.
> >
> > : Differences I noticed were:
> >
> > : - Still Modifiable
> >
> > Do you mean the cellular capability is still retorable?
> >
> > If yes, how?
> >
> Do not publicly post any imormation on this otherwise the FCC
> will pull the product again. This is best in private email.
>
> Vic

Did you ever think they're just dumping the modifiable ones to be replaced
with the non-modifiable units?

Andy

5112. Re: Need Information on Uniden MR8100

Newsgroup: rec.radio.scanner
Date: 1994-11-08 15:21:22 UTC
From: domonkos@access.digex.net
Message-ID: <ZkvlkiubGwiG066yn@access.digex.net>
Source record: 265966

I remember reading that this model does not have a search feature....

Andy

5113. Re: Strange (?) reception - PRO34

Newsgroup: rec.radio.scanner
Date: 1994-11-08 15:51:40 UTC
From: tharrell@nmsu.edu
Message-ID: <39o6qc$gqr@dns1.NMSU.Edu>
Source record: 265933

Jeff Valley (valleyj@romulus.housing.fsu.edu) wrote:
: Goeran Lowe (e90gl@efd.lth.se) wrote:
: : When they switched from 80 MHz to a trunked system in the 400 MHz band

: A trunked system in the 400Mhz band? Does the FCC know about this?

Unless there's some sort of trunking prohibition under 800 MHz, I don't
see any reason, legal, technical, or otherwise, why it couldn't be done.
I think the Feds have a couple of operational 400 MHz trunking systems
already.

--

| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |

5114. Kings Bay Navy Base Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-11-08 15:59:00 UTC
From: jsaul@np.atinc.com
Message-ID: <199411081558.JAA12272@mail.cs.utexas.edu>
Source record: 265934

I will be working at the Navy Base next month. Anyone have any Freqs?
Also looking for St. Mary's GA and Ameilia Isl FL freqs.

Thanks

Jim

##
Jim Saul Internet: jsaul@jots1.np.atinc.com
Analysis & Technology, Inc. jsaul@cc.atinc.com
One Corporate Place Phone: (401) 849-5952 x3305
Middletown, R.I. 02842 Fax: (401) 847-6660
##

5115. Re: Realistic Pro-34 scanner receiver (800 MHz restored) *FOR SALE*

Newsgroup: rec.radio.scanner
Date: 1994-11-08 16:39:39 UTC
From: horak@convex.com
Message-ID: <39o9kb$guj@eugene.convex.com>
Source record: 265935

In <783975237@f747.n115.z1.ftn> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:

> -=> Quoting MikeW26532 to All <=-

> Mi> Realistic Pro-34 hand-held scanner receiver, with 800MHz coverage
> Mi> restored. 200 channels, 50 channel per second scan rate. In like-new
> Mi> condition, perfect working order; no problems of any kind. In original
> Mi> box with manual, original flex antenna, plus Ni-Cad battery pack and
> Mi> wall charger. $180 + shipping from DC area. Reply via email to

> 50 cps scan rate? On the '34?! Never got that kind of rate on my unit.
>Is this unit modified for this rate?

$180 is a bit high for one thing. If I remember correctly, the 34 comes
with an 8 channel scan rate. I modified mine for about 15 cps. I would
not believe 50 cps without seeing it.

David

5116. Re: AOR AR8000 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-08 16:45:49 UTC
From: horak@convex.com
Message-ID: <39o9vt$h9u@eugene.convex.com>
Source record: 265936

In <784288401snz@javiaton.demon.co.uk> Clough@javiaton.demon.co.uk (Jonathan Clough) writes:

>The MVT-7100 has a built in delay of 2 seconds with a so far
>unfound way around it which does make life awkward on trunked
>systems I understand. ^^^^^^^^^^^^^^^^^

Try "really sucks" on trunked systems. It makes listening to them almost useless. :'/ This is unfortunate since almost all police/fire systems have gone or are going to this in the US.

David

5117. Re: Strange (?) reception - PRO34

Newsgroup: rec.radio.scanner
Date: 1994-11-08 16:48:00 UTC
From: mulligan@ACM.ORG
Message-ID: <39oa40$gto@hopper.acm.org>
Source record: 265937

valleyj@romulus.housing.fsu.edu (Jeff Valley) wrote:
> Goeran Lowe (e90gl@efd.lth.se) wrote:
> : When they switched from 80 MHz to a trunked system in the 400 MHz band

> A trunked system in the 400Mhz band? Does the FCC know about this?

I doubt if a Swedish PD really cares what the FCC knows.
/* barry /&

5118. BC210xw mods ??? I have an "ancient" bc210xw. This box hasn't so much as hiccuped in 10 years.....Any mods without affecting the reliability of known ??? Thanks

Newsgroup: rec.radio.scanner
Date: 1994-11-08 17:13:15 UTC
From: x
Message-ID: <x-0811941213150001@151.116.98.17>
Source record: 265939

[No readable article body recovered]

5119. Wegner audio subcarrier decoder

Newsgroup: rec.radio.scanner
Date: 1994-11-08 17:23:35 UTC
From: chu@cmf.nrl.navy.mil
Message-ID: <chu-0811941223350001@maccx.cmf.nrl.navy.mil>
Source record: 265898

Does anyone know where I can find this item?

--
^^^^^ nchu@bass.gmu.edu George Mason University Fairfax Virginia
@``U''@ http://www.nrl.navy.mil/CCS/people/chu/chu.html
\---/ chu@cmf.nrl.navy.mil Naval Research Lab Washington DC

5120. Re: pro 2006

Newsgroup: rec.radio.scanner
Date: 1994-11-08 17:37:06 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.7.00119ECE@ccm.hf.intel.com>
Source record: 265902

In article <7NOV199408365436@cc.weber.edu> jberenyi@cc.weber.edu (John Berenyi) writes:

> When in search mode can you lock out an annoying frequency? Also, can
>you search more than one search bank at a time automatically. I cant find these
>in the manual
>features anywhere in the manual. If anybody knows how to address this please
>let me know.

If you are talking about the Pro-2006 the answer is NO to both questions.
Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5121. Phone/Address for Nuts&Volts

Newsgroup: rec.radio.scanner
Date: 1994-11-08 17:57:17 UTC
From: sgothard@boi.hp.com
Message-ID: <Cyyn7I.4yE@boi.hp.com>
Source record: 265941

Help!

I need a phone number and or address for Nuts&Volts.
Also I would like to know how to take apart a Motorola
550 Cellular phone without cracking the case.

Steve Gothard

5122. what is this sub for

Newsgroup: rec.radio.scanner
Date: 1994-11-08 18:09:25 UTC
From: rwilkie@midearth.system-ent.com
Message-ID: <283@midearth.system-ent.com>
Source record: 265906

What is this newsgroup for

5123. Re: BC210xw mods ??? I have an "ancient" bc210xw. This box hasn't so much as hiccuped in 10 years.....Any mods without affecting the reliability of known ??? Thanks

Newsgroup: rec.radio.scanner
Date: 1994-11-08 18:11:50 UTC
From: x
Message-ID: <x-0811941311500001@151.116.98.17>
Source record: 265943

In article <x-0811941213150001@151.116.98.17>, x (denverscan) wrote:

>
Sorry I hosed the 1st post.....I wanted to know if there were any simple
modifications or enhancements that could be made to a 10+ year old
bc210xw without affecting it's reliability. Thanks in advance.

Al

5124. Re: FOR SALE- ICOM R7100-Unblocked

Newsgroup: rec.radio.scanner
Date: 1994-11-08 18:37:29 UTC
From: crisp@netcom.com
Message-ID: <crispCyyp2H.AEq@netcom.com>
Source record: 265945

In article <39n39r$23i@newsbf01.news.aol.com> johnr66374@aol.com (JohnR66374) writes:
>In article <39lfr4$iba@panix.com>, dube@panix.com (Brian Dube) writes:
>
>I'll give you $500.00

$525 here!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

5125. Re: AOR AR8000 Receiver

Newsgroup: rec.radio.scanner
Date: 1994-11-08 18:42:11 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <39ogq3$oui@ndlc.occ.uky.edu>
Source record: 265946

Toast (toast@aol.com) wrote:
: I have been using an AR8000 for about 3 weeks now and I am really
: satisfied with it's performance. The sensitivity is really nice, I have
: also been able to recieve signals (kind of weak, but listenable) below
: 25Mhz band. The best feature for me has been the 20 programable search
: banks and the Alpha/Numeric display is really nice too.. I have read the
: manual from front to back and at this point, I haven't had the need to go
: into the EXPERT mode. The only thing I don't like so far, is that you
: can't select bands on and off on the fly like, say with the Pro 43. You
: have a feature called Band Linking, which you select which bands you can
: scan through, but it takes a few extra steps.

When you first turn on the scanner, what does it do? Does it start
scanning, or do you have to activate some key first?

I'm thinking about buying one, but will use it at night a lot (I wake up
to sirens, turn on the scanner to see what's happening). Will I be
fumbling for buttons?

You say that banks can't be turned on and off on the fly - do the banks
that you previously used stay activated through a power-off/power-on?

Please give us 8000-wannabe's some more user perspective!

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

5126. Pro-37: Feedback loop?

Newsgroup: rec.radio.scanner
Date: 1994-11-08 18:45:58 UTC
From: rich@pencil.cs.missouri.edu
Message-ID: <rich.784320358@pencil>
Source record: 265947

Does anyone know if the pro-37 tends to whine in a manner similar to
an audio feedback loop? I know it sounds strange, but that's what
mine was doing while receiving transmissions in the 800Mhz band...

Rich

5127. Re: Basic UK stuff

Newsgroup: rec.radio.scanner
Date: 1994-11-08 18:49:38 UTC
From: atl94@titian
Message-ID: <39oh82$h3t@bright.ecs.soton.ac.uk>
Source record: 265948

an10276@anon.penet.fi wrote:

: Could anyone please point to where a list of UK band plans
: can be found?
No!

: In particular, what is on 68-88 MHz, 300-500 MHz, and 800-900 MHz
: (roughly)?

Military airband is 200-400 MHz
400 - 500 is PMR, police (FM), amateur 70cms
800-900 is Cell phones mainly

: Any idea of cops freqs, and if they use FM??

145-180 MHz for VHF
and 450-470 for UHF (portables)

Both FM I think.

: Thanx,

No problem

Andrew

+====================================+====================================+
Andrew Loukes	Snail: B004, Montefiore House,
Email: atl94@ecs.soton.ac.uk	Wessex Lane, Swaythling,
Electronics & Computer Science	Southampton, SO18 2NU.
+------------------------------------+------------------------------------+
| "Everything contained in this guide is definitive, life is frequently |
| inaccurate" - The Hitchhikers Guide to the Galaxy |
+===+

5128. WARNING! Long response to right-wing polemics

Newsgroup: rec.radio.scanner
Date: 1994-11-08 19:03:38 UTC
From: briskin@binah.cc.brandeis.edu
Message-ID: <39oi2a$pc2@news.cs.brandeis.edu>
Source record: 265949

The following message is exceedingly long, and I truly apologize for going off-topic, but I couldn't help myself.

Much as I hate continuing to respond to Mr. Crisp's continuing diatribes, I feel compelled to post my one message to every 10 or so that he puts out.

What we seem to be seeing these days in the rec.radio groups is the Three Faces of Crisp. The first face, the one that I truly like, is the incredible source of knowledge regarding radio-related issues, a man who is generous in responding to newbies and pros alike.

The second side of Crisp is the one who wrote "Public Apology." This personality fairly blames EVERYONE in Congress for supporting the anti-monitoring legislation, and suggests voting out ALL incumbents who voted for it. As non-partisan as this view might be, it's also rather naive. It would, of course, require that favorite right-wingers like Jesse Helms, Strom Thurmond, Bob Dole and Orrin Hatch be tossed out, and fails to consider that throwing these individuals would hamper the Republicans' ability to pursue their right-wing agenda.

Then there's the third side, the truly scary side. This Crisp wallows in right-wing political paranoia, which really doesn't belong in the rec.radio groups. This Crisp frightening calls the 1992 election "illegal" and the administration that took over a "regime." In all fairness, Mr. Crisp, even the most liberal-leaning Democrat would have never called the elections of 1968, 1980, and 1988 "illegal" or refer to the Nixon, Reagan and Bush administrations as 'regimes,' even if the patently illegal acts these individuals committed (such as Watergate and Iran Contra) during their reigns trashed the Constitution. If you don't like the President, his views or his party, that's fine. But don't insult the intelligencce of the millions and millions of us who didn't vote for your pet candidate that we're all co-conspirators, or that the election was rigged, or that Mr. Clinton did not assume power legitimately. Sour grapes is one thing; rampant denial is another. You yourself promised in your 'public apology' to refrain from political grandstanding. Why can't you keep to it?

RC>So today is the day we get to end the 40 year assault on our liberties which have been carried out by the Democratically Controlled House.

Whose reign, fortunately, has helped, in large part, prevent our mostly Republican presidents from turning the entire country over to Big Business, overturning a woman's right to choose, installing fundamentalist religion into our schools, ruining the environment, endangering public health, executing people who have since been found to be innocent, removing programs designed to innoculate poor children and give them a chance at education.

Unfortately, these same Democrats weren't able to prevent those wonderful pillars of honesty and integrity Tricky Dick Nixon, Ronnie Raygun and George Bush and their Republican and conservo bo-weevils from invading Cambodia, trashing the Constitution through Watergate and Iran Contra, selling out our hostages and diverting the money to known Central American cocaine dealers, cutting taxes for the top 1% of society, increasing the gap between the rich and poor to record levels, increasing the deficit to its highest level in history, and giving Big Business their blessings to eat each other up, lay off millions of workers, send millions more jobs overseas, and cause the S&L scandal.

RC>Also today we can begin to reverse the 60 years of damage inflicted on the American People by a Senate controlled by Democrats for all but 12 years out of the last 60.

It took Dick Nixon only 2 years to totally destroy America's faith in government. It took Raygun 8 years to bring America to ruin. It took George Bush four years to show he had no ideas other than protecting our oil interests by waging the Gulf War. Both parties of Congress are equally to blame for being totally run by special interests and for doling out pork by the shovelful. But, let's face it, when it comes to wrecking America and the Constitution, no one does it better than our Republican presidents.

And let us remember that ALL of the anti-monitoring legislation we all hate was born in the Reagan/Bush era, approved by these presidents and formulated by an alliance between the cellular and phone manufacturers and the FCC, whose ranks were and are still stacked with Reagan/Bush appointees. And since just about all senators voted for it, it stands to reason that there wasn't a huge protest by Republicans to prevent its passage. Meaning that either the GOP supports the measures, or simply doesn't give a damn about the ability to radio hobbyists to listen to whatever they want.

>People, it is time for a change. This is what Bill Clinton ran on in 92, People gullibly elected him wanting change, but like fools they sent the Democrats back to control Congress for another 2 years.

Yes, and the Democrats, with no help from Republicans, have managed to help cut the deficit by billions of dollars, create a

strong economy after Bush/Reagan wrecked it, given aid and support to the millions of Americans who lost their jobs because of GOP laissez faire and reaffirmed a woman's right to choose. Let us also remember that Bill Clinton himself got NAFTA, the biggest trade treaty of the last 25 years, through Congress with the help of Republicans, a feat Bush would never have been able to accomplish. Not to mention making an attempt by any President to try to streamline government and solve the healthcare crisis. He might have had the wrong ideas, and he might have failed, but at least he TRIED.

RC> Most of us have not even been alive that long. We say we want change how in hell do we expect change when we keep sending the same party to back to Washington to control the purse strings?

Is this the same Richard Crisp who only a few weeks ago

5129. Re: WARNING! Long response to right-wing polemics

Newsgroup: rec.radio.scanner
Date: 1994-11-08 19:08:41 UTC
From: briskin@binah.cc.brandeis.edu
Message-ID: <39oibp$peg@news.cs.brandeis.edu>
Source record: 265950

Yes, the GOPers must have cut off my message before I could finish it. I won't post the remaining 45 pages, but I'll finish up by saying I wish Mr. Crisp would practice what he apologized for, and stick to his promise not to off-topicly continue hiseh right-wing rampages.

I do, however, wholeheartedly agree with Mr. Crisp that voting is truly our most cherished right and that, whether you support Feinstein or Huffington, North or Robb, Kennedy or Romney, having the GOP take over or keeping the Democrats in control, that you vote, vote vote for what you believe in. Or, as we say here in Boston, vote early and often! :)

Jeff Briskin
Brandeis University
briskin@binah.cc.brandeis.eduy

5130. Aircraft

Newsgroup: rec.radio.scanner
Date: 1994-11-08 19:23:01 UTC
From: dpfg@ukc.ac.uk
Message-ID: <5462@rook.ukc.ac.uk>
Source record: 265951

Why do aircraft communicate using AM, when almost all other communications use FM?

Confused :-(

5131. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-08 20:01:25 UTC
From: mcw@metronet.com
Message-ID: <CyysyE.Bqs@metronet.com>
Source record: 265952

What is the range of the systems the fast food places use? I have just about every national chain within 3 blocks of my place.

Hmmm "blocks" is a bit relative, make that within 1/2 mile of my place.
--
Mike Wommack mcw@metronet.com

5132. Re: Police Mods

Newsgroup: rec.radio.scanner
Date: 1994-11-08 21:06:46 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CyyvzA.7Mr@freenet.carleton.ca>
Source record: 265953

In a previous article, woody@netmaster2.hq.af.mil (SrA Mark Woods) says:

>Pete W. (kaweiss@silver.ucs.indiana.edu) wrote:
>: Radar detector *detectors*??? Egads. How do they work? -Pete.
>
>They detect the local oscillator freq of the radar detector.
>
Follow-up... The Police up here in the Great White North have been using
the VR-2 radar detector detector for several years now... THEY DO WORK!!
plus they can also detect a donut shop at 6 miles... (GRIN!)

10-4

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

5133. Re: Need help, can't receive CHP mobiles

Newsgroup: rec.radio.scanner
Date: 1994-11-08 21:24:13 UTC
From: "David Jones, Engineering Manager (jonesdb@clsol1.nsc.com)" <jonesdb@clsol1.nsc.com>
Message-ID: <CyywsD.6ow@nsc.nsc.com>
Source record: 265890

> I have two RS PRO-43 scanners. I cannot receive the CHP mobiles unless they
> are only several miles away. I receive the base stations with no problem. I
> have all of the mobile and base freq's programmed into my scanner. Is it
> not possible to receive the CHP mobiles using just the rubber duck antenna?
>
> Thanks for the help,
>
> +-Jim
> jim@ttech.com

I have noticed the same thing on my BC200. I've tried a better antenna
when mobile and had better results, but I still seem to be limited to
about 6 or 8 mile radius. My guess is that the mobile units are using
low power and that the disptcher has a "great" antenna, but it is only
a guess at this point. Any other ideas out there?
Dave

5134. Bearcat 200xlt sold

Newsgroup: rec.radio.scanner
Date: 1994-11-08 21:27:44 UTC
From: tnguyen@ms.washington.edu
Message-ID: <39oqgg$ru2@news.u.washington.edu>
Source record: 265918
Cross-posted to: rec.radio.scanner,alt.radio.scanner,seattle.forsale,uwash.forsale,pnw.forsale

Hi,
Just wanted to say that the BC scanner is in the process of being
sold so that means it is no longer for sale.
thanks.
-Thang N.

5135. Re: Aircraft

Newsgroup: rec.radio.scanner
Date: 1994-11-08 21:47:33 UTC
From: David Josephson <davidj@rahul.net>
Message-ID: <39orll$fcj@hustle.rahul.net>
Source record: 265892

In <5462@rook.ukc.ac.uk> dpfg@ukc.ac.uk (Darren) writes:

>Why do aircraft communicate using AM, when almost all other
>communications use FM?

Because if two aircraft transmit on top of each other, or there's
a stuck mic transmitting just carrier, you can usually hear the
other aircraft transmitting, as the two signals mix. In FM, the
stronger signal captures the receiver and you hear nothing of the
weaker signal. It would be more efficient these days to use SSB
but AM works fine.

--
David Josephson / Josephson Engineering / San Jose CA / david@josephson.com

5136. PRO-2035/BEARCAT 800XLT

Newsgroup: rec.radio.scanner
Date: 1994-11-08 22:48:10 UTC
From: john.odonnell@glitch.com
Message-ID: <9411081848.0QEY000@glitch.com>
Source record: 265894

> Since you're new, a suggestion I would make is to give your posts a
> descriptive title.
> Just typing "HELLO!" won't catch many usenet browsers attention.
> Something like "Radio Shack PRO-2035" would, since it is a new
> product.

Thanks for the welcome and the suggests. Working in a variety of message base formats (bbs style/fido style/Internet e-mail/Internet newsgroups), I forgot how more important the subject line was here since many pick and chose what areas they read based solely on that criteria. (I, for some absurd reason, hang on almost every word and try to read almost everything that comes across! <GRIN>).

> As far as the 2035, I've seen a couple mixed reviews posted here
> about
> it. It seems like a fairly decent scanner, but probably isn't
> modifiable
> to get the whole 800 mhz band (at least no one has said they've
> discovered
> a way yet) in order to comply with ECPA.
> It's the successor to the 2006, which I do own, and was very easy to
> modify. Probably the main two advantages to the 2035 would be the
> faster
> scanning rate, and larger channel capacity (1000 vs 400).
> Hope you enjoy your new scanner.

Thanks, too, for the well wishes. I've been enjoying the 2035 ever since it arrived. While to some having the Cell Phone frequencies is important, I find myself more interested in the police/fire/rescue activity (with town road crews thrown in when the snow falls). The old Bearcat 800XLT I had been using was capable of tuning in the Cell freqs, but I rarely ever availed myself of it. (Speaking of which, if anyone has suggests with a contact for repair of the Bearcat, I'm all ears. Its demise is what prompted me to purchase the 2035, but I'm interested in getting the old one fixed. Its display started to take longer and longer to "warm up" and appear when you turned it on ... then select frequencies would fail to be tuned until it "warmed up" ... then it could take hours for the "warming up" to take place).

As far as the 2035, now that I've toyed with it for over a month, having the 1000 channels is a welcome relief. I didn't think I'd fill 'em all up since outside of the state police here in NJ, most systems are not trunked but good ol' single freqs with some having a secondary. What has been the biggest benefit is being able to program in much of the Central Jersey area -- dividing 'em up in banks for police, fire/rescue, road (and even making one for the state). I didn't realize how much "interplay" there was since I had been

limited with the 800XLT to 40 channels and didn't have the pleasure of being able to rapidly here adjacent towns working their freqs when a common action is taking place.

It's been great, too, since NJ is so under-reported on the news. Found out, as it happened, about a guy who jumped off the Parkway bridge on this past Sunday (complete with one officer radioing in something like "I just saw him go over") to a car chase a few weeks back that started down in the Brunswicks and made its way up the Turnpike over into Edison (I think they lost two police cars that night). It's amazing what an old Radio Shack multi-band scanner antenna placed against an outer wall of the upstairs crawlspace will pull in!

For folks who laugh at the need for 1000 channels -- as I said -- it's not just trunked activity that eats up the slots.

5137. Re: Wanted: NYC freqs with P.L.

Newsgroup: rec.radio.scanner
Date: 1994-11-08 22:48:11 UTC
From: john.odonnell@glitch.com
Message-ID: <9411081848.0QEYN00@glitch.com>
Source record: 265895

> I would HIGHLY reccoment the "Scanner Master New York
> Metro/Northern New Jersey Guide." It has everything you say

Do you (or anyone else) have the ISBN for this guide or a source for ordering?

john.odonnell@glitch.com

5138. Re: Indoor Antenna

Newsgroup: rec.radio.scanner
Date: 1994-11-08 22:59:07 UTC
From: john.odonnell@glitch.com
Message-ID: <9411081859.0QO6R00@glitch.com>
Source record: 265896

> Radio Shack sells a small (about 3 foot) telescoping center-loaded
> antenna that simply replaces the short whip antenna the scanner
> originally
> came with. I think it cost about $20. It does a better job than
> the whip.

The center-loaded telescoping whip retails for 9.99 (Radio Shack Cat # 20-006).
I've used one on my old Pro-32 and, yes, it does a far better job than rubber
ducks typically included with the portables.

john.odonnell@glitch.com

5139. Pro 43 No Longer Cellular Capable in Canada

Newsgroup: rec.radio.scanner
Date: 1994-11-08 23:05:46 UTC
From: netowns@netowns.bcsc.gov.bc.ca
Message-ID: <1994Nov8.150547.5656@venus.gov.bc.ca>
Source record: 265897

It's sad but true. Even though it is not *illegal* to listen to cellular calls
in Canada, Radio Shack stores in Canada no longer sell cellular capable
pro-43 scanners. If you are in Canada and plan to purchase a pro-43,
check the serial number first. If it starts with the letter "A" (A123456) then
it is no longer cellular capable. I am not sure if the same is true with
other models. Has anybody else had similar findings with other RS models
in Canada?

*
*Disclaimer:
*Material and opinions contained within are solely those of the author and do
*not represent, in whole or in part, those of BC Systems Corporation.
*
Neil Townsend
BC Systems Corporation
Victoria, B.C., Canada

5140. Re: Aircraft (Why AM?)

Newsgroup: rec.radio.scanner
Date: 1994-11-08 23:38:06 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.180.0011A315@chevron.com>
Source record: 265899

In article <5462@rook.ukc.ac.uk> dpfg@ukc.ac.uk (Darren) writes:
>Why do aircraft communicate using AM, when almost all other
>communications use FM?

>Confused :-(

There was a lengthy thread on one of the aviation newsgroups on this not too long ago and I don't think anyone had the ONE answer.

1. On HF aircraft use AM/SSB. When the VHF band was allocated (when? I don't know) the proven modulation method was AM. This is an international allocation so everybody else - third world, and whoever - had to jump on the same band wagon.

2. At the time AM likely took less bandwidth than "narrow" FM. Today's narrow FM technology could do the job but you would have to change the whole world. The probability of getting "buy in" on that from the aviation world, especially the smaller operators, would not be high.

3. Some claim the reason is technical, but I don't buy it. Some say the "capture" effect of FM may cause a controller to miss a distress call or something if two planes keyed up at once. But AM has quite an effective "capture" of it's own (remember that VHF aircraft is A3E - there's carrier). With no modulation, and AM and FM carrier are the same. (Actually, if there is no modulation on a signal I would call it CW) So I think all of the capture argument is pretty lame.

But hey - what do I know!

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

5141. Re: Looking for PENNSYLVANIA info

Newsgroup: rec.radio.scanner
Date: 1994-11-08 23:55:21 UTC
From: hoegy@aol.com
Message-ID: <39p359$fhq@newsbf01.news.aol.com>
Source record: 265900

In article <352q27$94m@search01.news.aol.com>, scan911@aol.com (SCAN911) writes:

Hello Chuck, I too am interested in any scanning channel info for the Pittsburgh area....have you found some good ones in your responses? If so would you share them with a beginner?

Thanks - Hoegy@aol.com

5142. BC INF5XB Preprogrammed Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-09 00:03:14 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <Cyz45E.923@news.Hawaii.Edu>
Source record: 265901

I received a mail order catalog from the Damark company - they're advertising a Bearcat INF5XLB preprogrammed scanner for $39.99. The description they provide is rather thin, so:

1. Can the user change the preprogrammed frequencies? There is no keyboard visible in the photo.

2. How many channels is this pup capable of scanning?

3. What's the frequency range?

This item is `factory serviced' meaning it was returned by a buyer and Bearcat sent the buyer a new unit, serviced the returned item and gave it to Damark to liquidate.

Thanks in advance.

Jeff

5143. More Fast Food

Newsgroup: rec.radio.scanner
Date: 1994-11-09 01:52:44 UTC
From: k8zgw@hamnet.wariat.org
Message-ID: <Cyz97x.uG@hamnet.wariat.org>
Source record: 265909

I would like to thank all who "took the time" to answer my
some what stupid question, (with the exception of one Mr. Lin, who's
grasp of the English language leaves a bit to be desired.)
I guess some of you have found "a new way" to entertain yourselves.
I may even listen in next time I "DRIVE THRU".
--

Don Ritchie K8ZGW Internet: k8zgw@hamnet.wariat.org

Cleveland Hamnet BBS (216) 942-6382

5144. Re: Wanted: NYC freqs with P.L.

Newsgroup: rec.radio.scanner
Date: 1994-11-09 02:02:17 UTC
From: schuster@panix.com
Message-ID: <39paj9$l1k@panix3.panix.com>
Source record: 265903

In article <9411081848.0QEYN00@glitch.com>, <john.odonnell@glitch.com> wrote:
>
>
> > I would HIGHLY reccoment the "Scanner Master New York
> > Metro/Northern New Jersey Guide." It has everything you say
>
>Do you (or anyone else) have the ISBN for this guide or a source for ordering?

ISBN 0-939430-22-3

Source: 800-722-6701 508-655-6300 (the publisher)

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5145. Re: Aircraft

Newsgroup: rec.radio.scanner
Date: 1994-11-09 02:02:43 UTC
From: tharrell@nmsu.edu
Message-ID: <39pak3$h3q@dns1.NMSU.Edu>
Source record: 265904

Darren (dpfg@ukc.ac.uk) wrote:
: Why do aircraft communicate using AM, when almost all other
: communications use FM?

Because AM was in use for aircraft while FM was still being developed.
By the time FM was ready, it would have been too difficult to switch
over world-wide.

There's a couple of paragraphs about it in Police Call (ack, you're in
the UK - sorry).
--

| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |

5146. Scanners

Newsgroup: rec.radio.scanner
Date: 1994-11-09 02:09:11 UTC
From: es8m@holmes.acc.Virginia.EDU
Message-ID: <Cyz9zB.1rq@murdoch.acc.Virginia.EDU>
Source record: 265905

I have an old Uniden handheld that finally died. I am trying to choose between a Pro-51 or a Sportcat to replace it. The Pro-51 is $299.00 and the Sportcat is $186.00. Considering all the mods. that are available, is the Pro-51 worth the extra cash?? Both are made by Uniden in the Phillipines and I tried the keyboard trick to put the Pro-51 into the service scan mode (band,2,9..L/O,2,9) but it did not pick up anything in the store. The Sportcat would pick up decent in the store but I did not know of anything to try on it. So... Any and all information will be greatly appreciated. Thanks.

5147. Re: Secret service freq, president

Newsgroup: rec.radio.scanner
Date: 1994-11-09 02:30:18 UTC
From: retro@ix.netcom.com
Message-ID: <39pc7r$4ep@ixnews1.ix.netcom.com>
Source record: 265907

In <398ohv$1f0@sashimi.wwa.com> fd@wwa.com (Glen L. Roberts) writes:

>
>CHARLES R. MATTHEW (cmatthew@wpo.uwsuper.edu) wrote:
>: Does anyone know of some freq that the secret service uses when
the
>: preident is traviling around? Or at least where to scan around?
Clinton is
>: coming totown and I thought it would be interesting to listen to.
>
>: -Charlie N0FXD
>: E-Mail cmatthew@wpo.uwsuper.edu
>
>164.375 should be heavy with SS traffic... (all the time).
>
>Also make sure you listen to radiotelephone traffic from Air Force One
>on 415.700 mhz.
>
I've used that frequency but found what sounded like digital scramble
(SS). Is this something new or what? I use to be photog for UPI and
have list of about 40 freqs SS uses on trips. They use to broadcast in
the open, but it now appears they scramble to cut down on info getting to
the public.

E-mail with any inforamtion.

5148. Re: Pro 43 No Longer Cellular Capable in Canada

Newsgroup: rec.radio.scanner
Date: 1994-11-09 02:36:54 UTC
From: sflynn@freenet.vancouver.bc.ca
Message-ID: <39pck6$7al@freenet.vancouver.bc.ca>
Source record: 265908

Neil Townsend (netowns@netowns.bcsc.gov.bc.ca) wrote:
: It's sad but true. Even though it is not *illegal* to listen to cellular calls
: check the serial number first. If it starts with the letter "A" (A123456) then
: it is no longer cellular capable. I am not sure if the same is true with
: other models. Has anybody else had similar findings with other RS models
: in Canada?

<sigh> You bet I have... (<side mutter> if only I had gotten by
butt in gear faster...) When I was first getting interested in
scanners, I went around to the local RS's and found a few PRO-43s
that could get cellular. But being the fool I am, I put off my
purchase so that when I went around again looking at scanners,
I found to my dismay that none of the local RS's had any modifiable
scanners. I even made them pull out _all_ of their stock and check
(which at one store, made quite a mess... they sure had alot of
PRO-43's in stock) Not a thing, though.

Sean

5149. Re: Pro-2006 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-11-09 03:04:46 UTC
From: markme@microsoft.com
Message-ID: <CyzCK2.36o@microsoft.com>
Source record: 265819

(I just posted this on the "other" scanner group)

I've been looking for a 2006 as well, best price I've found is $359.00 Delivered
from the following mail order outfit.

the following is taken from the faq document

Introduction to Scanning
by Bob Parnass, AJ9S

- Marymac Distributing (Katy, TX) sells Radio Shack
scanners at discount, but charges a 20% restocking fee
for returned merchandise. Telephone (800)231-3680 and
(713)392-0747.

5150. Re: pro 2006

Newsgroup: rec.radio.scanner
Date: 1994-11-09 03:04:57 UTC
From: pickled@ix.netcom.com
Message-ID: <39pe8p$5fr@ixnews1.ix.netcom.com>
Source record: 265910

In <39n1go$1kt@newsbf01.news.aol.com> shawn4sk1@aol.com (Shawn4sk1) writes:

>
>I don't think so, I tried to hit MONITOR while in Search Mode and it
>stopped on the freq. I then hit L/OUT but nothing happened. The only
>thing you could do I guess is search just above and then later just
>below it. Annoying but may be the only way... :-(
>
>Anybody?

If you add the Optoscan456 to your 2006, there are s/w programs available for your PC which offer the features you seek.

73's,
Sandy
--
(Mr.) Sandy Herring | The brain: an enchanted loom |
| where millions of flashing shuttles |
pickled@ix.netcom.com | weave a dissolving pattern. |
Orange County, California | - Sir Charles Sherrington |

5151. Rolla/St. Louis Freqs

Newsgroup: rec.radio.scanner
Date: 1994-11-09 03:08:09 UTC
From: dstuart@rocket.cc.umr.edu
Message-ID: <39peep$ir4@hptemp1.cc.umr.edu>
Source record: 265911

I would like a list of frequencies for Rolla, Mo, St. Louis, Mo, and the
Hiway patrol inbetween (I think Troop C and Troop I)

--
-- Dave Stuart
dstuart@umr.edu

Men are men, Women are scarce, and sheep are afraid.
$>
-- So It Goes (Slaughterhouse Five)

-- See me, Hear me, Touch me, Heal me. (The Who's -- Tommy)

5152. Radio Shack Pro-2004 for sale

Newsgroup: rec.radio.scanner
Date: 1994-11-09 03:37:15 UTC
From: rpack@xmission.com
Message-ID: <39pg5b$76m@xmission.xmission.com>
Source record: 265971

I have a Radio Shack Pro-2004 scanner radio for sale. It preceeded the 2006, and has about the same features. It covers 25 thru 1300 mhz (including cellular) and has 400 memories arranged into 10 banks. It has the same sort of mods possible for it that the 2006 does, and most of these have been done. It runs on ac or 12v dc and includes a telescoping antenna that plugs into a bnc connecter on the rear panel. In perfect condition, it includes the manual and the original box.

Asking $275. I will pay the shipping.

Rick Pack
(801) 582-5847 (work)
rpack@xmission.com

5153. Frequency of Door Lock Remote

Newsgroup: rec.radio.scanner
Date: 1994-11-09 05:48:17 UTC
From: gunn@mprgate.mpr.ca
Message-ID: <1994Nov9.054817.29634@mprgate.mpr.ca>
Source record: 265912

I have a friend whose remote control door lock on his Oldsmobile doesn't work any longer. Does anyone know what frequency these things operate at so that I can tell if the remote control is putting out a signal or not? The dealer wants $90 for a replacement unit and my friend doen't want to spend that kind of money unless he is sure that the remote is actually broken.

Please respond by E-mail.

5154. Re: Need recommendation on the pro-43 mods ...

Newsgroup: rec.radio.scanner
Date: 1994-11-09 06:37:18 UTC
From: vidiot@bga.com
Message-ID: <39pqmu$jfp@lia.bga.com>
Source record: 265913

Okay, let's see...heck I'll do it for $2.99 and I'll even throw in a set of 'ginsu' steak knives :^) -how's that?

This offer subject to end without notice at any given without cause or provacation.

--

**********vidiot@bga.com**********

5155. Re: RS-2006 Touch Tone Decoder Needed

Newsgroup: rec.radio.scanner
Date: 1994-11-09 06:54:13 UTC
From: vidiot@bga.com
Message-ID: <39prml$knl@lia.bga.com>
Source record: 265914

Hmmm...seems like you could tape the tones, then call up your
pager (assuming you own one) and play the tones over the line to the
pager. Hang up, wait, and if I'm correct in my assumption you should
be able to "read" the now converted dtmf tones on your pager!

Just a thought....
haven't actually tried this yet....:^)

--

**********vidiot@bga.com**********

5156. Re: US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-09 07:33:58 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov9.073358.28722@hpcvaac.cv.hp.com>
Source record: 265838

feustel@netcom.com (David Feustel) writes:
: The .223 caliber cartridge is fired in the M-16 U.S.
: military automatic assault rifle.

As well as a lot of other rifles.

: It was noted that the cartridges contained soft-point,
: expanding bullets, outlawed in warfare by the Geneva
: Conventions due to their ability to cause large, gaping
: wounds.

The agreements, signed in the mid 19th century, was later adopted by many countries. I don't believe the US is a signatory nation - although we abide by them. Note that they apply only to the treatment of enemy troups, not civilians.

An expanding bullet is more likely to kill, rather than incapacitate - that was the reason for the ban.

Bill

5157. Re: Caller ID

Newsgroup: rec.radio.scanner
Date: 1994-11-09 07:36:19 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov9.073619.28791@hpcvaac.cv.hp.com>
Source record: 265839

tharrell@nmsu.edu (Thomas J. Harrell) writes:
:
: : Listen on the scanner and see if you hear the databurst between the first
: : and second rings...
:
: Isn't that ring something like 80VAC?? That's not something I'd like
: to pump through my scanner.

Not on a cellular or cordless phone. Also, it is trivial to block the
ring voltage. No, I am not going to explain how. Buy a caller-id box
and look in it.

Bill

5158. Re: Basic UK stuff

Newsgroup: rec.radio.scanner
Date: 1994-11-09 09:24:43 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <784373083snz@javiaton.demon.co.uk>
Source record: 265825

In article <234307Z06111994@anon.penet.fi> an10276@anon.penet.fi writes:

>
> Could anyone please point to where a list of UK band plans
> can be found?
>

Hi Arfur,

Suggest you get hold of a copy of the latest Scanning Directory
that details the frequencies you have mentioned or if you interested
in aviation I can suggest a decent airband guide to you <slight cough>....

Don't forget to wear your balaclaver so they won't know who
you are though :-)

--
Cheers,
/--\
Jonathan Clough,	AOR - Alinco - Camnis - Commtel - Bearcat -
Javiation,	Fairmate - Icom - Sony - Lowe - Realistic -
Bradford, UK	Signal - Tandy - Uniden - Yupiteru & Others
Tel: +44 0 1274 732146 \---
Compu$$erve: 100117,535
Internet : Clough@javiaton.demon.co.uk
\--/

5159. Re: Phone/Address for Nuts&Volts

Newsgroup: rec.radio.scanner
Date: 1994-11-09 10:52:03 UTC
From: clay@panix.com
Message-ID: <clay.1430.2EC0A9D3@panix.com>
Source record: 265915

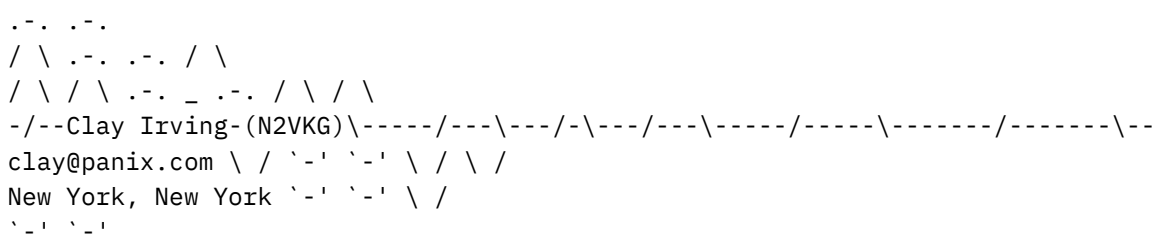
In article <Cyyn7I.4yE@boi.hp.com> sgothard@boi.hp.com (Steve_Gothard) writes:

>I need a phone number and or address for Nuts&Volts.

Nuts & Volts Magazine
T&L Publications, Inc.
430 Princeland Court
Corona, CA 91719
Voice: 909-371-8497
Fax: 909-371-3052
CompuServe: 74262,3664

>Also I would like to know how to take apart a Motorola
>550 Cellular phone without cracking the case.

Can't help you here...



5160. Re: VOTE TUESDAY to end the Democratic Stranglehold on Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-09 11:23:50 UTC
From: shearman@grin.io.org
Message-ID: <39qbg6$fbf@ionews.io.org>
Source record: 265733
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Richard Crisp (crisp@netcom.com) wrote:
: Your freedoms and Constitutional liberties are at stake.

: Here is how they have screwed you in the last few years:

: Scanner ban
: Digital Telephony's wiretap provisions
: Digital Telephony's equipment bans
: "Assault" (Civil Defense Weapon) Ban
: Illegal retroactive tax increases
: Plans ot outlaw non-government approved crypto
: etc etc etc

: Throw all Washington Incumbents out of office! You will sleep better knowing
: you have done your part at restoring liberty to this misguided but great
: country your fathers have fought and died for. Do not let their deaths be in
: vain, vote to restore liberty and democracy in our country.

With the Republican victory in the House, several state governorships and
possibly the Senate, I trust this will be the last of this
non-international thread for a while...

5161. Re: Pro 43 No Longer Cellular Capable in Canada

Newsgroup: rec.radio.scanner
Date: 1994-11-09 12:22:36 UTC
From: sbradley@sgb.oau.org
Message-ID: <Cz02Dq.LqL@sgb.oau.org>
Source record: 265916

Neil Townsend (netowns@netowns.bcsc.gov.bc.ca) wrote:
: It's sad but true. Even though it is not *illegal* to listen to cellular calls
: check the serial number first. If it starts with the letter "A" (A123456) then
: it is no longer cellular capable. I am not sure if the same is true with
: other models. Has anybody else had similar findings with other RS models
: in Canada?

Yes, but there is *nothing* to stop the Canadian dealers from going to Tandy or Radio Shack or InterTan or whatever and saying we WANT cellular modifiable units, therefore SELL us modifiable units OR we go to UK/Europe and IMPORT them and leave you stuck with stock that will NOT sell since those who have a choice would not buy them -- those dealers with the modifiable imported stock would then have the edge on the situation -- as I suspect Atlantic has already realised.

The point I am making is there is NO law in Canada preventing COMMERCIAL importation of the real scanners from the UK/Europe and no way InterTan can force them to accept second-rate poor quality North American rejects.

SPREAD THE WORD! THE PRO-43 "A" models are NORTH AMERICAN REJECTS!! SPREAD IT FAR AND LOUD! THEY ARE RETURNS, REBUILT, REJECTS without full coverage.

Tell tandy we will not settle for their second-hand north american censored GARBAGE! As far as I know Atlantic in Canada still can get them. If they can anyone should be able to.

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

5162. Re: Pro 43 No Longer Cellular Capable in Canada

Newsgroup: rec.radio.scanner
Date: 1994-11-09 13:46:54 UTC
From: randolph@est.enet.dec.com
Message-ID: <39r5lp$bm9@mrnews.mro.dec.com>
Source record: 265844

In article <1994Nov8.150547.5656@venus.gov.bc.ca>, netowns@netowns.bcsc.gov.bc.ca (Neil Townsend) writes...
>It's sad but true. Even though it is not *illegal* to listen to cellular calls
>in Canada, Radio Shack stores in Canada no longer sell cellular capable
>pro-43 scanners.
>Neil Townsend
>Victoria, B.C., Canada

Well, not to say we told you so, but there you go...

Still think US scanner politics is inappropriate here? Stay alert, people. If scanning is banned here, you will go down with us.

-Tom R. N1OOQ randolph@est.enet.dec.com

5163. Re: US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-09 14:54:09 UTC
From: domonkos@access.digex.net
Message-ID: <zGEmkiubGg-R066yn@access.digex.net>
Source record: 265920

In article <cjs9.171.000C60F1@cornell.edu>, Carl Steckler wrote:
>
> Kent state was National Guard. They have no Constitutional prohabition on
> acting against U.S. citizens as the U.S. military does. But the thought that
> scares the hell out of me is that somewhere someone is thinking about using
> troops to forcibly take our scanners\guns\liberties away. Paranoid maby, but
> that dosn't mean that it isn't so. Remember if they really want to keep us
> from knowing they first have to remove out ability to hear them comming, ie
> our radios (this is reason enough for this thread to be in this newsgroup).
> carl KB2SGX
> Carl (ex-jarhead) Semper Fi
> "To those who fought for it, freedom has a flavor
> the protected will never know"
> unknown Marine; Khe Sahn, Viet Nam

More and more people are reporting seeing U.N. troups on U.S. soil, what the
hell is going on? Are they on a peace keeping mission here now?

Andy

5164. Re: request: Mods for BC-890XLT

Newsgroup: rec.radio.scanner
Date: 1994-11-09 14:54:18 UTC
From: domonkos@access.digex.net
Message-ID: <OOEmkiubG2zR066yn@access.digex.net>
Source record: 265921

In article <39ls4o$am3@hopper.acm.org>, F. Barry Mulligan wrote:
> swanie@wln.com asked:
> > ... the Radio Shack model number that is identical to the BC890XLT ?
>
> Uniden BC890XLT = Radio Shack PRO-2036
> /* barry /&

...but the RS units are NOT modifiable....

Andy

5165. Re: Get a life

Newsgroup: rec.radio.scanner
Date: 1994-11-09 14:54:24 UTC
From: domonkos@access.digex.net
Message-ID: <4REmkiubGIJD066yn@access.digex.net>
Source record: 265922

In article <9411072007591.DLITE.cremer@delphi.com>, charlie cremer wrote:
> >" YOU CANT ORDER BIG MACS AT TACO BELL DING DONG
> >
> >Who's the ding dong ? Nowhere does the thread limit one to Taco Bell.
> >
>
> I like my Ding-Dongs with taco sauce.
>
> Are we having fun yet?
>

Several months ago I read about the FCC busting some hams who were transmitting with their modified rigs (yes ham rigs can be modified for extended transmit coverage), and messing around with fast food orders. Guess they got carried away :-)

Andy

5166. Re: sc150 sportcat

Newsgroup: rec.radio.scanner
Date: 1994-11-09 14:54:32 UTC
From: domonkos@access.digex.net
Message-ID: <GUEmkiubG6UE066yn@access.digex.net>
Source record: 265923

In article <alacy.27.0014F5EA@skew.com>, skew wrote:
>
> To all SPORTCAT owners:
>
> I was playing today, and decided to make a stab at opening
> the SC150's cell range. I cut EVERY jumper in the damn thing,
> with nil results. The wierd thing is, even with ALL the jumpers cut,
> it still operates as normal. Odd. Well, if anyone can figure anything
> out by this, please let me know!
>
>
> P.S. I cut jumpers-
>
> L801
> L802
> L13
> L5
> L3
>
>
> Al!
>
> and it has a 1611 chip, soooo...if there is another scanner with this chip,
> maybe its mod will work!
>

You sure you cut jumpers and not the 800Mhz coils? Coils at that frequency
will look like jumpers and small loops. You may have just blown the scanner
800Mhz specs of the page! (Guess we'll be seeing it for sale, eh? :-)

Andy

5167. Re: ? on aircraft frequency guides

Newsgroup: rec.radio.scanner
Date: 1994-11-09 15:02:32 UTC
From: glm@xmission.com
Message-ID: <39qof3$4jk@xmission.xmission.com>
Source record: 265924

In article <brett_miller.4.000A5D18@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com says...
>
>I have not spent a lot of time monitoring aircraft, but I am looking to get
>more involved in it. I recently received the Defense Mapping Agency catalog
>of Aeronautical Charts and Publications.
>
>What I am trying to figure out is which guides are worth while. In
>particular, route guides and frequency information for military and civil
>aviation would be the most helpful. Any comments an the following guides? :
>
>1. Area Planning - Military Training Routes (both book and charts)
>2. USA IFR supplemant
>3. USA VFR supplement
>4. High Altitude IAPs (northwest)
>5. Low Altitude IAPs (Vol. 3)
>6. Civil SIDs/STARs (western)

The IFR sup is great with a ton of freqs. I would also get the high and low alt charts. Better still, since you are a fellow Utahan, contact me via email and I'll send you a ton of freqs all ready to
go!

I monitor Hill AFB and much of the other air traffic in this area. Are there any other aviation monitors out
there from the Hill AFB/ Utah area? Contact me so we can talk.

5168. Re: ? on aircraft frequency guides

Newsgroup: rec.radio.scanner
Date: 1994-11-09 15:09:19 UTC
From: glm@xmission.com
Message-ID: <39qorr$62m@xmission.xmission.com>
Source record: 265917

```
>
>Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
>Intel Corp.
>American Fork, UT DoD#1461

--
Brett, I think I screwed up my signature. The address below is correct.

-Gary
glm@xmission.com
~!
```

5169. Re: Pro 43 No Longer Cellular Capable in Canada

Newsgroup: rec.radio.scanner
Date: 1994-11-09 15:24:50 UTC
From: crisp@netcom.com
Message-ID: <crispCz0AtF.FvL@netcom.com>
Source record: 265855

In article <39pck6$7al@freenet.vancouver.bc.ca> sflynn@freenet.vancouver.bc.ca (Sean Flynn) writes:
>that could get cellular. But being the fool I am, I put off my
>purchase so that when I went around again looking at scanners,
>I found to my dismay that none of the local RS's had any modifiable
>scanners. I even made them pull out _all_ of their stock and check
>(which at one store, made quite a mess... they sure had alot of
>PRO-43's in stock) Not a thing, though.
>
> Sean
>
>

Some time back a chap from Canada was telling us yanks to forget discussing American politics and the effect it has on freedoms regarding radio gear. He told us that in no one in Canada cares. Some of use told him at the time that irrespective of Canadian Law being more permissive, the fact that the US had a more restrictive law would adversely impact what is available in Canada as the products are designed to be sold in America and some simply gets shipped to Canada.

Well there you have proof that is exactly what is happening.
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box, and the cartridge box. Let's effectively use the first two so we do not have to resort to the third!

5170. Re: what is this sub for

Newsgroup: rec.radio.scanner
Date: 1994-11-09 16:08:17 UTC
From: tweek@netcom.com
Message-ID: <tweekCz0Ctv.5I3@netcom.com>
Source record: 265919

In article <283@midearth.system-ent.com> posted to the Usenet Newsgroup(s)
rec.radio.scanner
rwilkie@midearth.system-ent.com (rwilkie) writes:
>What is this newsgroup for
>

It is about the futuristic Old Tyme Radio Show "Scanners".

furrfu

--
tweek@io.com tweek@tweekco.ness.com WW4Net-1@11551 DoD #MCMLX N6QYA
**** Regarding the Internet><WWIVNet gateway and other assorted stuff: ****
http://io.com/user/tweek/homepage.html IM: Michael D. Maxfield

5171. Re: Calif. Cellular Telephones: Price =

Newsgroup: rec.radio.scanner
Date: 1994-11-09 16:37:48 UTC
From: reb@Xyzzy.com
Message-ID: <Cz0E70.J0r@Xyzzy.com>
Source record: 265869
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

charlie cremer (cremer@delphi.com) wrote:

: >The problem is you're being forced into these deals, in which often
: >the only one really benifitting from some of the onerous contracts
: >are the cellular retailers. How would you like it if grocery stores
:
: Ahem, you've just described a Co-Op. There are thousands of them all over
: the country. For groceries, heating and motor fuel, for farm equipment and
: for lots of other "quantity buying" deals. I ain't heard no screaming.

Excuse me, but you CAN get a cellphone without any obligation whatsoever.
But then you don't get to take advantage of the kickback from the cellphone
operator to the local store. If you ask for a "$19.99" phone *without*
having to sign up for a year they'll sell it to you for something like
$319.99. You'll also have to pay a little more each month. Just look at
the rate sheets. They've always got some rate plans which are month by
month. It sucks, but there *is* a choice...
reb
reb@xyzzy.com

5172. PRO 2006 search mod

Newsgroup: rec.radio.scanner
Date: 1994-11-09 17:03:00 UTC
From: jberenyi@cc.weber.edu
Message-ID: <9NOV199410035041@cc.weber.edu>
Source record: 265830

Does anybody know if this scanner can be modified in any way to lock out a search frequency and if it can be modified to search more than one bank at a time? I've noticed there are several books on the market... do any of these tell?

5173. Optoelectronics Frequency Counter

Newsgroup: rec.radio.scanner
Date: 1994-11-09 17:08:00 UTC
From: adamld@atl.com
Message-ID: <1994Nov9.170800.1780@atl.com>
Source record: 265955

Optoelectronics has started shipping their $400 Scout25 frequency
counter. Has anyone here bought one? How about a review?

--
Adam Levin-Delson adamld@atl.com Vx: 206.487-8681
Atlantis Diagnostic Int'l Inc. Fx: 206.487-8170
18939 120th Ave. NE Ste.111 Bothell, WA 98011 USA
If this signature appears twice you're a winner!

5174. Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-09 17:19:32 UTC
From: crisp@netcom.com
Message-ID: <crispCz0G4K.p7@netcom.com>
Source record: 265826
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Now that we have a completely new political situation in Washington as of the first of the year, let's see if we can get some of our rights back.

For starters, let's ask our elected representatives to introduce bills that repeal the scanner ban, remove the equipment and cordless phone monitoring bans from the DT bill and for that matter, take a pre-emptive strike against crypto bans.

Please contact your Washington representatives and let them know that this is your will and that they serve with your will. It is time to hold their feet to the fire!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box, and the cartridge box. Let's effectively use the first two so we do not have to resort to the third!

5175. Re: sc150 sportcat

Newsgroup: rec.radio.scanner
Date: 1994-11-09 17:29:38 UTC
From: alacy@skew.com
Message-ID: <alacy.30.000A7EC0@skew.com>
Source record: 265827

In article <GUEmkiubG6UE066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:
>Path: csn!magnus.acs.ohio-state.edu!math.ohio-state.edu!howland.reston.ans.net!news.sprintlink.net!pipex!uunet!news1.digex.net!digex.net!not-for-mail
>From: domonkos@access.digex.net (Andy Domonkos)
>Newsgroups: rec.radio.scanner
>Subject: Re: sc150 sportcat
>Date: 9 Nov 1994 09:54:32 -0500
>Organization: Express Access Online Communications, Greenbelt, MD USA
>Lines: 34
>Sender: domonkos@access3.digex.net
>Message-ID: <GUEmkiubG6UE066yn@access.digex.net>
>References: <alacy.27.0014F5EA@skew.com>
>NNTP-Posting-Host: access3.digex.net

>In article <alacy.27.0014F5EA@skew.com>, skew wrote:
>>
>> To all SPORTCAT owners:
>>
>> I was playing today, and decided to make a stab at opening
>> the SC150's cell range. I cut EVERY jumper in the damn thing,
>> with nil results. The wierd thing is, even with ALL the jumpers cut,
>> it still operates as normal. Odd. Well, if anyone can figure anything
>> out by this, please let me know!
>>
>>
>> P.S. I cut jumpers-
>>
>> L801
>> L802
>> L13
>> L5
>> L3
>>
>>
>> Al!
>>
>> and it has a 1611 chip, soooo...if there is another scanner with this chip,
>> maybe its mod will work!
>>

>You sure you cut jumpers and not the 800Mhz coils? Coils at that frequency
>will look like jumpers and small loops. You may have just blown the scanner
>800Mhz specs of the page! (Guess we'll be seeing it for sale, eh? :-)

>Andy

nope, I cut the jumpers..and the regular 800 mhz freqs were still enabled..
doesn't matter anyway, because I soldered them back together. thanks
though :)

al

5176. ECPA give you the right to listen to Police/Fire ?

Newsgroup: rec.radio.scanner
Date: 1994-11-09 17:30:08 UTC
From: rotnapple@aol.com
Message-ID: <39r0v0$r16@newsbf01.news.aol.com>
Source record: 265828

Could somebody with the complete text look this up for all of us?

I thought the ECPA specifically stated, in the language of the bill that citizen were granted the RIGHT to listen to unencrypted (scrambled, encoded) communications of public safety agencies.

I thought it when like .....Nothing in this legislation prohibits citizens from monitoring police, fire etc. Blah Blah, a free society to be able to monitor the workings of their public safety agencies.....

I'm I wrong or way off base here?

Greg

5177. Request:PRO-2032 Mod for 800

Newsgroup: rec.radio.scanner
Date: 1994-11-09 17:33:56 UTC
From: rezika@crl.com
Message-ID: <39r164$oao@crl7.crl.com>
Source record: 265829

I looked at OAK.OAKWOOD.EDU and FTP.UCSD.EDU and didn't see one?

Anybody?....

5178. "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-09 17:57:35 UTC
From: athena@tyrell.net
Message-ID: <Cz0Hw0.B44@tyrell.net>
Source record: 265831
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur

In the Nov. 7 issue of New York magazine, a guy who thinks he may be the real "Kenneth" comes forward to offer a possible solution to the 1986 Dan Rather "Hey Kenneth, What's the Frequency" mystery.

On October 4, 1986, Dan Rather claimed he was attacked on Park Avenue in New York by two well-dressed thugs who pummeled him about the head and kept repeating, "What's the frequency, Kenneth?" Rather has been the butt of countless "Kenneth" jokes ever since.

Now a Ken Schaffer, a Manhattan electronics expert, comes forward to say he thinks the attackers may have meant to follow him home from Columbia University's Harriman Institute for the Advanced Study of the Soviet Union, and mistakenly followed Rather instead.

In 1986, says Ken Schaffer, both he and Rather were frequent visitors at the Harriman Institute. Rather, because he was about to go to Iceland to cover the Reagan-Gorbachev summit; and Schaffer, because in 1983 he had begun receiving fuzzy images of Russian TV on his amateur satellite getup. (Schaffer was also the inventor of the wireless electric guitar in his late twenties, and the article claims he was a skilled ham-radio operator since age 8.)

"Within a year," says the article, Schaffer "developed a system that would track and decode the signal and filter out the city's microwave interference, all of which the satellite experts said couldn't be done."

"By 1985, Columbia students and journalists...could peer into Russian's everyday lives. (Even one of Schaffer's musical pals, Sting, spent an evening at the school watchin g a Moscow production of Porgy and Bess. Deeply moved by the experience, he composed his song "Russians" the same night.)

"Schaffer theorizes that intelligence operatives followed the wrong man--Rather instead of him--home from the Harriman institute."

Schaffer does not claim to know whether the operatives were KGB, CIA, or what.

If Ken Schaffer is on the Net, I hope he will join the discussion. I hope I have been faithful to the article, which is on p. 24 of the Nov. 7, 1994, issue of New York. Please don't get this mixed up with the New Yorker...they are different magazines. This explanation makes sense to me, and I have always found the "Kenneth" mystery intriguing.

Schaffer says he hasn't talked to the media about this before, because they weren't much interested. "I'm as much an observer of the idea as I

am a proponent of it," Schaffer says.

--
athena@tyrell.net ...there was a beautiful white horse
I saw on a dream stage...

5179. Re: ECPA give you the right to listen to Police/Fire ?

Newsgroup: rec.radio.scanner
Date: 1994-11-09 18:07:41 UTC
From: crisp@netcom.com
Message-ID: <crispCz0ICu.53s@netcom.com>
Source record: 265832

In article <39r0v0$r16@newsbf01.news.aol.com> rotnapple@aol.com (RotnApple) writes:
>Could somebody with the complete text look this up for all of us?
>
>I thought the ECPA specifically stated, in the language of the
>bill that citizen were granted the RIGHT to listen to unencrypted
>(scrambled, encoded) communications of public safety agencies.
>
>I thought it when like ....Nothing in this legislation prohibits
>citizens from monitoring police, fire etc. Blah Blah, a free society
>to be able to monitor the workings of their public safety
>agencies..........
>
>I'm I wrong or way off base here?
>
>Greg

You are absolutely right. The Law does have that provision. I have been
meaning to look it up and post it, I guess I should follow through on`
it for all of our benefit. Give me 24hrs and it will be up!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

5180. Re: ECPA give you the right to listen to Police/Fire ?

Newsgroup: rec.radio.scanner
Date: 1994-11-09 18:08:07 UTC
From: lrk@netcom.com
Message-ID: <lrkCz0IDK.5vA@netcom.com>
Source record: 265833

In article <39r0v0$r16@newsbf01.news.aol.com>,
RotnApple <rotnapple@aol.com> wrote:
>Could somebody with the complete text look this up for all of us?
>
>I thought the ECPA specifically stated, in the language of the
>bill that citizen were granted the RIGHT to listen to unencrypted
>(scrambled, encoded) communications of public safety agencies.
>
>I thought it when like ....Nothing in this legislation prohibits
>citizens from monitoring police, fire etc. Blah Blah, a free society
>to be able to monitor the workings of their public safety
>agencies.....
>
>I'm I wrong or way off base here?
>
You're wrong. The Constitution of the United States gives you the right
to poke into your government any way you can. Since Congress can't
prohibit that, they didn't.

-- --
| 73, internet | lrk@k5qwb.lonestar.org |
| Lyn Kennedy | lrk@wb5nrn.cirr.com |
| pony express = P.O. Box 5133, Ovilla, TX, USA 75154 |
---Livin' on an information dirt road a few miles off the superhighway---

5181. Re: Calif. Cellular Telephones: Price =

Newsgroup: rec.radio.scanner
Date: 1994-11-09 18:15:31 UTC
From: Brian Morgan <brian.morgan@sdrc.com>
Message-ID: <39r3k3$dva@info1.sdrc.com>
Source record: 265744
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

I don't know of anyone who is FORCED to buy a cell phone. It's a
LUXURY - if it costs too much, don't get one! The grocery example
isn't a valid comparison.
And by the way, if my grocer offered me a discount if I would commit
to an agreement, I would consider it.
Cell phones - like cable TV - are OPTIONAL - if you don't like the
price, the government shouldn't regulate it, you should walk away.
Brian

5182. AOR8000 Government Mode???

Newsgroup: rec.radio.scanner
Date: 1994-11-09 18:18:51 UTC
From: Duane Anderson <danderson@symantec.com>
Message-ID: <39r3qbINNkve@symiserver.symantec.com>
Source record: 265834

A friend of mine recently saw an advertisment for the AOR8000 scanner that stated if you were with the government, you could get the extra features. Is this what I think it is (CP)? Or is there something else to this radio?

Duane

5183. BC8500 Does Cellular

Newsgroup: rec.radio.scanner
Date: 1994-11-09 18:38:46 UTC
From: jocatch@vnet.ibm.com
Message-ID: <39r4vmINNh3c@afshub.boulder.ibm.com>
Source record: 265625

Everyone that I know says that the Uniden BC8500 does not pick up cellular. Indeed, parts of the 800 mhz band are locked out. However, the dealer that I bought it from told me that I could pick up images above 1000mhz.

Yesterday while searching to see what services there are above 1000mhz, I ran into cellluar images by accident around 1270 to 1298 mhz. Why there I don't know. The manual is crap for giving any tec details on the radio. It says nothing about what IF's are so I don't know how 800+mhz gets translated to 1200+mhz.

Joe C.

"If pro & con are opposites, is congress the opposite of progress?"

5184. Re: "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-09 18:55:18 UTC
From: cking4@be0227.be.ford.com
Message-ID: <cking4.22.0012EC88@be0227.be.ford.com>
Source record: 265864
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur

In article <Cz0Hw0.B44@tyrell.net> athena@tyrell.net (athena) writes:
>From: athena@tyrell.net (athena)
>Subject: "Kenneth" Dan Rather Mystery Solved?
>Date: Wed, 9 Nov 1994 17:57:35 GMT

> In the Nov. 7 issue of New York magazine, a guy who thinks he may be the
>real "Kenneth" comes forward to offer a possible solution to the 1986 Dan
>Rather "Hey Kenneth, What's the Frequency" mystery.

>On October 4, 1986, Dan Rather claimed he was attacked on Park Avenue in
>New York by two well-dressed thugs who pummeled him about the head and
>kept repeating, "What's the frequency, Kenneth?" Rather has been the butt
>of countless "Kenneth" jokes ever since.

>Now a Ken Schaffer, a Manhattan electronics expert, comes forward to say
>he thinks the attackers may have meant to follow him home from Columbia
>University's Harriman Institute for the Advanced Study of the Soviet Union,
>and mistakenly followed Rather instead.

>In 1986, says Ken Schaffer, both he and Rather were frequent visitors at
>the Harriman Institute. Rather, because he was about to go to Iceland to
>cover the Reagan-Gorbachev summit; and Schaffer, because in 1983 he had
>begun receiving fuzzy images of Russian TV on his amateur satellite getup.
>(Schaffer was also the inventor of the wireless electric guitar in his
>late twenties, and the article claims he was a skilled ham-radio operator
>since age 8.)

>"Within a year," says the article, Schaffer "developed a system that
>would track and decode the signal and filter out the city's microwave
>interference, all of which the satellite experts said couldn't be done."

>"By 1985, Columbia students and journalists...could peer into Russian's
>everyday lives. (Even one of Schaffer's musical pals, Sting, spent an
>evening at the school watchin g a Moscow production of Porgy and Bess.
>Deeply moved by the experience, he composed his song "Russians" the same
>night.)

>"Schaffer theorizes that intelligence operatives followed the wrong
>man--Rather instead of him--home from the Harriman institute."

>Schaffer does not claim to know whether the operatives were KGB, CIA, or
>what.

>If Ken Schaffer is on the Net, I hope he will join the discussion. I
>hope I have been faithful to the article, which is on p. 24 of the Nov.
>7, 1994, issue of New York. Please don't get this mixed up with the New

>Yorker...they are different magazines. This explanation makes sense to me,
>and I have always found the "Kenneth" mystery intriguing.

>Schaffer says he hasn't talked to the media about this before, because
>they weren't much interested. "I'm as much an observer of the idea as I
>am a proponent of it," Schaffer says.

Interesting story!

I first heard about Mr. Schaffer in an article from a guitar magazine about 15 or so years ago (he was running the wireless guitar business at the time, obviously). He mentioned going to a place called Canal Street in his youth -- apparently this was the site of several surplus electronics dealers in the city, and he would be the first one down there in the morning so that he'd get the best selection of parts.

C.K.

5185. Re: AOR AR8000 Receiver

Newsgroup: rec.radio.scanner
Date: 1994-11-09 19:22:33 UTC
From: txb00@amail.amdahl.com
Message-ID: <9411091122.AA33790@txb00-mac1.George>
Source record: 265835

jadantin@ndlc.occ.uky.edu (Jim Dantin) Writes:

:When you first turn on the scanner, what does it do? Does it start
:scanning, or do you have to activate some key first?

When you first turn on the scanner it says:
Welcome to the world of AR8000 reciever. Then it resumes in what ever state
you left the radio in prior to turning it off.

:I'm thinking about buying one, but will use it at night a lot (I wake up
:to sirens, turn on the scanner to see what's happening). Will I be
:fumbling for buttons?

If you turned the scanner off while in scan mode it will resume scanning
right after the initial message.

:You say that banks can't be turned on and off on the fly - do the banks
:that you previously used stay activated through a power-off/power-on?

Yes, the banks you previously used, do stay programed through a power off/on.
(i.e. take your run of the mill scanner, you have, say banks 1 through 10,
you can hit the appropriate key to select the bank on and off in which you
want to scan. With the AR8000, you have "Band Linking", which you
have to initiate by hitting a couple of keys and select the banks you want
to scan, then hit enter to save the changes, etc. (hope this helps)

:Please give us 8000-wannabe's some more user perspective!

:--
:Jim Dantin jadantin@ndlc.occ.uky.edu
: Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

5186. Re: Police Mods

Newsgroup: rec.radio.scanner
Date: 1994-11-09 19:25:20 UTC
From: levy@fndcd.fnal.gov
Message-ID: <1994Nov9.132520@fndcd.fnal.gov>
Source record: 265836

In article <CyyvzA.7Mr@freenet.carleton.ca>, ad607@FreeNet.Carleton.CA (Darrell A. Larose) writes:
>
>
> In a previous article, woody@netmaster2.hq.af.mil (SrA Mark Woods) says:
>
>>Pete W. (kaweiss@silver.ucs.indiana.edu) wrote:
>>: Radar detector *detectors*??? Egads. How do they work? -Pete.
>>
>>They detect the local oscillator freq of the radar detector.
>>
> Follow-up... The Police up here in the Great White North have been using
> the VR-2 radar detector detector for several years now... THEY DO WORK!!
> plus they can also detect a donut shop at 6 miles... (GRIN!)

OK, so what's next, a radar detector detector detector?

--

==========
[Fermi National Accelerator Laboratory]
==========
[Mark E. Levy, N9RXF |]
[BitNet: LEVY@FNAL | Unix: The only computer virus]
[Internet: LEVY@FNAL.GOV | with a user interface.]
[HEPnet/SPAN: FNAL::LEVY (VMS!) | (such as it is...)]
==========

5187. WTB: You Have One- I Know!

Newsgroup: rec.radio.scanner
Date: 1994-11-09 19:58:29 UTC
From: browere@einstein
Message-ID: <39r9l5$egk@nic-nac.CSU.net>
Source record: 265841

Now that Pete Wilson is again the Governor of California,
I must prepare for the inevitable tuition increases.
As a result, I cannot have "Caviar Dreams" on a "cheez-it" budget!

This is what I am looking for, and I hope you can help me out!!

Somewhere between 10-50 channels
Mil. Air (UHF?) NOT necessary
800-900 MHz coverage is a plus (not necessary)
Handheld, base or mobile
Good condition

Let me know. This is the same one YOU bought a few years back when
you just started out. Yes, someone does want to buy it! Let me know
what it is, how much you want and any other pertinent details.
I am not looking to spend very much, so if you'd like to give it
away, that is okay too :) !!

Thanks for your time.

Eric

5188. Re: What Freq is TV Chan 54?

Newsgroup: rec.radio.scanner
Date: 1994-11-09 20:07:33 UTC
From: duncan@ravel.okay.com
Message-ID: <1994Nov9.200733.18471@ravel.okay.com>
Source record: 265821

In article <39e4diINNiur@afshub.boulder.ibm.com>,
Joe Cacciatore <jocatch@vnet.ibm.com> wrote:
>I can pick up my local TV chan 54

In the US, TV channel 54 occupies 710-716 mHz, so the sound carrier
(FM @ +/- 25 kHz deviation) would be at 715.75 mHz.

5189. Wanted Detroit Lion Freqs

Newsgroup: rec.radio.scanner
Date: 1994-11-09 20:08:34 UTC
From: af631@detroit.freenet.org
Message-ID: <39ra82$kj7@detroit.freenet.org>
Source record: 265837

I'am looking for frequencies used by the Detroit Lions.
I'am looking for the helmet radio frequencies in particular
but I will take all.

ok to e-maiol smithde@cc.tacom.army.mil

thanks in advance

5190. PRO-34 mod??

Newsgroup: rec.radio.scanner
Date: 1994-11-09 21:24:33 UTC
From: rra@me04.wg2.waii.com
Message-ID: <39remh$6n9t@ep130.wg2.waii.com>
Source record: 265840

I've just started following this group, so I'm sorry if this
question has been asked and answered already. I own a RS PRO-34,
is there a mod to allow listening to 825-850 MHz?
Thanks for any help,
Bob Aduddell

5191. Sportcat 150 reset

Newsgroup: rec.radio.scanner
Date: 1994-11-09 21:41:53 UTC
From: lieser@iccgcc.cs.hh.ab.com
Message-ID: <1994Nov9.164153.1@iccgcc.cs.hh.ab.com>
Source record: 265842

In article <alacy.28.0014FFB0@skew.com>, alacy@skew.com (skew) writes:
>
> by the way, does anyone know if there is a reset mode or key-sequence for the
> sc150?

No, but I think I can safely say that it's not 2, 9, L/O on powerup!
I tried this once, and got it to cycle through all the LCD segments on
the display. OK, I thought, now it enters a test mode, or has extra
frequencies stored in the first 25 channels, or something like that.
Well, an hour later it was still in the "lighting all screen fields"
mode from left to right, no audio at all, time after time after time.
Hitting any key or key combination at all did not help, turning power
off and on did not help. After more and more messing around, I finally
called Uniden's 1-800 number. And then, after putting me on hold for
awhile, the gal came back on the line and told me that my key sequence
had "locked up the hardware" :-) and that I'd have to mail the unit back
to them for repair. I thanked her and noted that, in addition to never
trying 2, 9, L/O on powerup again, I would never call Uniden help again.
A few hours later I turned power on and all was fine.

Ed

5192. Mods for Bearcat 210 XLT?

Newsgroup: rec.radio.scanner
Date: 1994-11-09 21:46:31 UTC
From: tbrutus@sunyboard.org
Message-ID: <17207LIPFBBHXTTAYVD@sunyboard.org>
Source record: 265843

Are there any modifications available for the 40 channel Bearcat 210 XLT?
If so, what will the mods do for it, and what will be covered after the
modifications are done? Please email any serious replies.

73's
Tom <King Creole>
tbrutus@sunyboard.org

... He's got Blue Wave fever and it's spreading through the message bases!

 Blue Wave/QWK v2.12

5193. Re: Need help, can't receive CHP mobiles

Newsgroup: rec.radio.scanner
Date: 1994-11-09 21:53:22 UTC
From: zlau@arrl.org
Message-ID: <1994Nov9.215322.4808@arrl.org>
Source record: 265845

David Jones, Engineering Manager (jonesdb@clsol1.nsc.com) (jonesdb@clsol1.nsc.com) wrote:
: > I have two RS PRO-43 scanners. I cannot receive the CHP mobiles unless they
: > are only several miles away. I receive the base stations with no problem. I
: > have all of the mobile and base freq's programmed into my scanner. Is it
: > not possible to receive the CHP mobiles using just the rubber duck antenna?
: >
: > Thanks for the help,
: >
: > +-Jim
: > jim@ttech.com

: I have noticed the same thing on my BC200. I've tried a better antenna
: when mobile and had better results, but I still seem to be limited to
: about 6 or 8 mile radius. My guess is that the mobile units are using
: low power and that the disptcher has a "great" antenna, but it is only
: a guess at this point. Any other ideas out there?

Antenna height really helps.
Radio LOS in miles is approximately square root(2*h),
where h is the height in feet. (smooth earth approximation).

Thus, going from 5 ft to 50 ft increases the range by a factor
of 3.2. The scanner ought to work pretty well from a high rise
building or mountaintop, even with a rubber duck antenna.

I've talked with another amateur 83 miles away using a 1.5 watt
2 meter amateur transceiver with the stock rubber duck antenna.
The path was visual line of sight.

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

5194. AR100XT

Newsgroup: rec.radio.scanner
Date: 1994-11-09 22:30:18 UTC
From: malxndr@aol.com
Message-ID: <39rihq$1gs@newsbf01.news.aol.com>
Source record: 265846

Would like to sell my AOR1000XT for the best offer I can get. Paid $415 for it. It's an

excellent scanner: 1000 channels; covers 500Khz to 1.3 GHz (no gaps). Bought it in June but haven't used it as much as I thought I would. It's in mint condition and includes antenna, case, rechargeable batts, AC and car adapters. Also have a guidebook that I paid $15 for. If interested, contact me via e-mail with best offer. I'll pay shipping by two-day UPS.

Michael Alexander

5195. Police in Alexandria, VA

Newsgroup: rec.radio.scanner
Date: 1994-11-09 22:37:51 UTC
From: andym@hq.af.mil
Message-ID: <39rivv$b7@hq.hq.af.mil>
Source record: 265626

I have several freqs for Alexandria, VA (DC metro area), but all I seem to hear on them is strange noise. Do they scramble the transmissions? Are they digitized? Anyone have experience with this particular city?

Just curious,
-Andy

--
Lt Andy McConnell Communications Engineer
andym@hq.af.mil Air Force Pentagon Communications Agency

---NeXTMail accepted and encouraged---
(Opinions expressed are solely those of the author and not the USAF)

5196. Pro-2006 Dimmer Switch

Newsgroup: rec.radio.scanner
Date: 1994-11-09 22:39:41 UTC
From: dhoisak@dragon.achilles.net
Message-ID: <39rj3d$58a@hermes.achilles.net>
Source record: 265847

Has anybody done a mod to make the older 2006 with the dimmer, and make
it into an on/off switch like in the 2006A model. Please post replies
in this group or e-mail me at the address in the header. Thanks in Advance.

---Dean

5197. AR 8000

Newsgroup: rec.radio.scanner
Date: 1994-11-09 22:47:27 UTC
From: kevwright@cix.compulink.co.uk
Message-ID: <Cz0vB3.LIC@cix.compulink.co.uk>
Source record: 265848

Only a few weeks old, AR8000.

Will only be happy to post this to a UK address.

Offers.

Kevin

5198. Detector detector DETECTOR!!

Newsgroup: rec.radio.scanner
Date: 1994-11-09 23:14:38 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.941109151001.14272C-100000@holmes.ece.orst.edu>
Source record: 265849

There IS something that will detect the VG-2 radar detector detector. BEL
makes it and incorporated it into their new detector. It detects the
VG-2' s IF and when it does detect it it shifts its own IF for a period
so the VG-2 can't detect it. I've heard that a few other comapnies are
making anti detector detectors. Pretty slick stuff. Maybe next they'll
offer a HARM missile interface.

5199. Re: AOR8000 Government Mode???

Newsgroup: rec.radio.scanner
Date: 1994-11-09 23:21:50 UTC
From: rja@Eng.Sun.COM
Message-ID: <39rlie$qb5@engnews2.Eng.Sun.COM>
Source record: 265850

In article 39r3qbINNkve@symiserver.symantec.com, Duane Anderson <danderson@symantec.com>
writes:
>A friend of mine recently saw an advertisment for the AOR8000 scanner
>that stated if you were with the government, you could get the extra
>features. Is this what I think it is (CP)? Or is there something
>else to this radio?

It's just cellular coverage...so the FBI and friends can more
easily spy on us.

Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

The Constitution of the United States: R.I.P, 9/13/94
(the day Bill Clinton signed the Crime Bill)

5200. Illinois Scanner Ban

Newsgroup: rec.radio.scanner
Date: 1994-11-09 23:25:35 UTC
From: bnx@aol.com
Message-ID: <39rlpf$2d3@newsbf01.news.aol.com>
Source record: 265851

While the proposal died with the most recent legislature I was wondering
if anyone know if Tom Cross intends to reintroduce the proposal next year.
I read in todays Chicago Tribune that Aurora IL is going to purchase a
new radio system for the police. Mr. Cross' proposal was to help protect
the Aurora Police radio transmissions from interception from the gangs.
Wouldn't the new system solve this problem provided the right equipment
(trunked or encrypted) is selected??

5201. Re: RadioMap(TM) expanded to 50 states,

Newsgroup: rec.radio.scanner
Date: 1994-11-10 00:15:07 UTC
From: cremer@delphi.com
Message-ID: <9411091910591.DLITE.cremer@delphi.com>
Source record: 265852
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

Well Bob, I don't think you could do one of your RadioMaps for my area.
I live too darn close to Motorola National HQ in Schaumburg Illinois.
There's more attennas at that sight then you can shake a scanner at.
And they are not the only ones, there are attenna towers all over this
industrial corridor. The airwaves are a radio swamp around here. Talk
about intermod, I get a weird combination of Ham repeater and data
channel all over 470 Mhz on my Pro 37. Your product sounds nice, but
I don't think you could do one for this spot that would be usefull.

5202. Re: WARNING! Long response to right-wing

Newsgroup: rec.radio.scanner
Date: 1994-11-10 00:15:26 UTC
From: cremer@delphi.com
Message-ID: <9411091910592.DLITE.cremer@delphi.com>
Source record: 265853

Thank you Mr. Briskin!

I agree wholeheartly with your observations that a) Mr. Crisp is a very valuable part of this newsgroup; b) that we should all get out and vote; and c) the Republicans are far and away the party most likely to initiate anti scanning, anti freedom or anti liberty legeslation. My take on the discouraging trend to compromise the Bill of Rights is that the Democrats have become more Republican-like over the last 16 years.

I sure wish that a viable 3rd party would form, a real live Liberal Party.

One can but hope.

5203. Santa Fe Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-10 00:16:00 UTC
From: ronald.b#d#.barker@arch.com
Message-ID: <325.1805.110@arch.com>
Source record: 265854

```
SS>Does anybody have police frequencies for Santa Fe or any other
SS>frequencies for Santa Fe?
```

Santa Fe Texas or Santa Fe New Mexico ???
pk---

```
--------------------------------------------------------------------------------
Internet: ronald.b#d#.barker@arch.com (Ronald B. Barker)
This message was processed by SyncUUCP from Merlin Systems Inc.
--------------------------------------------------------------------------------
```

5204. Info on TRIDENT

Newsgroup: rec.radio.scanner
Date: 1994-11-10 01:20:49 UTC
From: prynda@esu.edu
Message-ID: <39rshh$eqr@jake.esu.edu>
Source record: 265859

I would like some information on Trident scanners. I just
recieved the a sales flyer from Ace Comm. and they have several models
for sale. I have heard of there name before; however, I am not fimilar
with them. The specs. listed for the Tr980,TR1200, and the TR2400 seam
good except for there scan rate.

Thankx for the info
Sam Prynda
East Stroudsburg, Pa.

5205. Info on the 2500xlt

Newsgroup: rec.radio.scanner
Date: 1994-11-10 01:24:15 UTC
From: prynda@esu.edu
Message-ID: <39rsnv$eqr@jake.esu.edu>
Source record: 265860

I would like to know if anyone has purchased or has any info the
Baercat 2500xlt. I just saw this unit in a sales flyer a the specs look
quite well.

Thankx for the info
Sam Prynda
East Stroudsburg, Pa.

5206. Re: Police Mods

Newsgroup: rec.radio.scanner
Date: 1994-11-10 01:27:29 UTC
From: shearman@nudge.io.org
Message-ID: <39rsu1$mn9@ionews.io.org>
Source record: 265856

Bob Jackson (bobj@netaxis.com) wrote:
: Brent M. Combs (combsb@ucs.orst.edu) wrote:

: : > I was driving on the 401 in Toronto, many years ago, and passed either
: : > a Toronto or an OPP patrol car. There was a loud, pulsating squeal on my CB,
: : > and I wondered if it wasn't some kind of jamming signal. I'd be interested,
: : > too, to see if there was a mod out there to get rid of it.
: : > Pete Womack.

: : This is not some sort of expensive jamming signal. First of all, the FCC would
: : never allow such a device for such purposes.

: Does the FCC have jurisdiction in Canada?

Not bloody likely! <g> We have the DOC and Communications Canada...

5207. Radio Shack PRO-43 for sale!

Newsgroup: rec.radio.scanner
Date: 1994-11-10 01:27:30 UTC
From: rchalk@nyx10.cs.du.edu
Message-ID: <39rsu2$383@nyx10.cs.du.edu>
Source record: 265857
Cross-posted to: rec.radio.scanner,rec.radio.scanners

Like new! Manual included. Will do Cellular mod before
shipping if desired.

Asking $240 OBO.

Richard

5208. Re: Info on TRIDENT

Newsgroup: rec.radio.scanner
Date: 1994-11-10 01:37:07 UTC
From: schuster@panix.com
Message-ID: <39rtg3$g23@panix3.panix.com>
Source record: 265858

In article <39rshh$eqr@jake.esu.edu>, Barbara Prynda <prynda@esu.edu> wrote:
> I would like some information on Trident scanners. I just
>recieved the a sales flyer from Ace Comm. and they have several models
>for sale. I have heard of there name before; however, I am not fimilar
>with them. The specs. listed for the Tr980,TR1200, and the TR2400 seam
>good except for there scan rate.

ACE Communications used to sell some of them under the AOR name. For instance,
the TR1200 is the same as the AR1000XLT. The TR2400 is the successor to
the AR1500; sold in Europe as the Camnis HSC-050.

All of them have quirky user interfaces, slowish scan rates, and uneven
quality control. Each has varying problems with birdies and intermod in
various bands. They're all "OK" and many people like them, but there are
much better rigs on the market (e.g. Yupiteru MVT-7000 and 7100, AOR
AR-8000)

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5209. BNC CONNECTORS x

Newsgroup: rec.radio.scanner
Date: 1994-11-10 01:42:34 UTC
From: k8zgw@hamnet.wariat.org
Message-ID: <Cz13Ez.Bqr@hamnet.wariat.org>
Source record: 265820

NAME THAT CONNECTOR !

(excepted from an article by K.Britian , WA5VIB in the Ford Amateur Radio League "BOLT", Dec. '93 via Westpark " LOG ")

HAVE YOU EVER WONDERED WHY VARIOUS COAX CONNECTORS ARE CALLED WHAT THEY ARE CALLED ?

Until the early 1930's parallel lines and binding posts were the typical R.F. feed system. When the first coaxial cables were marketed, the first connectors, dubbed UHF (PL-259 /SO 239) were introduced for them.

During WWII the requirements for a better connector prompted two new designs. The first was developed at Bell Labs (where else) by an engineer by the name of Paul Neill, and became known as the type "N" (for Neill) connector. At the same time another connector was being developed by Carl Concellman which became known as the "C" connector.

Shortly thereafter Neill and Concellman collaborated on the design for a miniature bayonet locking connector, which was later dubbed the " Bayonet Neill Concellman " or BNC connector. Later an improved threaded version, the Threaded Neill Concellman, or TNC was developed for airborne uses.

For precision microwave use, a series of subminiature connectors were developed, the A,B, and C. Of these the A, or Sub-Miniature A (SMA) is the most popular.

--

Don Ritchie K8ZGW Internet: k8zgw@hamnet.wariat.org

Cleveland Hamnet BBS (216) 942-6382

5210. Re: Police Mods

Newsgroup: rec.radio.scanner
Date: 1994-11-10 02:31:59 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <Cz15pB.FLK@freenet.carleton.ca>
Source record: 265862

In a previous article, levy@fndcd.fnal.gov () says:

>
>OK, so what's next, a radar detector detector detector?

Don't laugh!!! It's already been done!! Some newer models of
radar detectors with the "SHADOW TECHNOLOGY" also include a feature that
lets the operator know when there is a VG-II snooping around.

So the vicious circle continues!! :-)

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

5211. WABC Shutdown

Newsgroup: rec.radio.scanner
Date: 1994-11-10 02:33:00 UTC
From: bob.kozlarek@woodybbs.com
Message-ID: <93.1218.7592.0NFB595B@woodybbs.com>
Source record: 265863

(New York, November 9, 1994) Broadcast band DX'ers are in for a rare treat this weekend. Word was received today from Mr Bill Krause, chief engineer for New York's WABC radio (770 khz) that the station would go silent for approximately 3 hours to perform antenna maintenance. The scheduled shutdown will take place from 0100 a.m. - 0400 a.m. EASTERN time (0600Z - 0900Z)on the morning of Monday, November 14, 1994. (Note: Most Eastern DX'ers would regard this as very late Sunday evening!) This temporary shutdown will provide Eastern listeners a rare chance to log KKOB in Albuquerque, NM. As this message is being released, the IRCA'a JD Stephens will contact KKOB to investigate the possibility that KKOB may run a special DX test. As KKOB normally runs a directional pattern beamed primarily Westward, the possibility of an omni-directional pattern will also be discussed. Those listeners who are interested should tune in to SPECTRUM, aired on shortwave station WWCR in Nashville, TN. A final announcement will be made at the beginning of their broadcast, on Saturday evening November 12 at 10p.m. Eastern (0300Z) on a frequency of 5.065 mhz. SPECTRUM, by the way is a weekly program for the radio enthusiast, covering related topics from "DC through Light." Reception reports can be mailed to KKOB @ 77 Broadcast Plaza, Albuquerque, NM 87103.

Updates to this message will also be posted on the Monitoring Times BBS as they become available. The MT BBS is available weekdays from 6:30 p.m. to 8 a.m. (Eastern), and weekends 24 hours a day @ (704) 837-9200, (704) 837-7081, or (704) 837-5957. The BBS supports standard speeds with modem settings of "8N1". What a way to start a BCB DX season!

Good Dx'ing de WA2SQQ
Bob Kozlarek, Elmwood Park, NJ
WA2SQQ @WB2GTX.NJ.NA.USA---
* Origin: The MICRO Room BBS - Roselle, NJ - (908) 245-6614 (1:107/919)

5212. Re: Strange (?) reception - PRO34

Newsgroup: rec.radio.scanner
Date: 1994-11-10 03:22:17 UTC
From: e90gl@efd.lth.se
Message-ID: <39s3l9$oqk@nic.lth.se>
Source record: 265726

In article <39o6qc$gqr@dns1.NMSU.Edu>,
Thomas J. Harrell <tharrell@nmsu.edu> wrote:
>Jeff Valley (valleyj@romulus.housing.fsu.edu) wrote:
>: Goeran Lowe (e90gl@efd.lth.se) wrote:
>: : When they switched from 80 MHz to a trunked system in the 400 MHz band
>
>: A trunked system in the 400Mhz band? Does the FCC know about this?

Probably not since i have never left europe ......

>
>Unless there's some sort of trunking prohibition under 800 MHz, I don't
>see any reason, legal, technical, or otherwise, why it couldn't be done.
>I think the Feds have a couple of operational 400 MHz trunking systems
>already.
>
>--
>*---*
>| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
>| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |
>*---*

--
Goeran Lowe e90gl@efd.lth.se

5213. Trade Pro-2006 for handheld

Newsgroup: rec.radio.scanner
Date: 1994-11-10 03:59:13 UTC
From: "Steven W. Weinstein" <73327.3472@CompuServe.COM>
Message-ID: <39s5qhsmr1@mhadg.production.compuserve.com>
Source record: 265865
Cross-posted to: rec.radio.scanner,rec.radio.swap

I have a two week old modified 2006 I would like to trade for a handheld scanner of equal value. E-mail if you have one you would like to trade.

5214. pro-34 (again)

Newsgroup: rec.radio.scanner
Date: 1994-11-10 04:04:08 UTC
From: alacy@skew.com
Message-ID: <alacy.33.00151242@skew.com>
Source record: 265866

[No readable article body recovered]

5215. pro-34 (again)

Newsgroup: rec.radio.scanner
Date: 1994-11-10 04:05:30 UTC
From: alacy@skew.com
Message-ID: <alacy.34.00151815@skew.com>
Source record: 265867

yes, yes, and yes. I have checked most ftp sites, and looked thru 500 files, but I can't seem to find the 34 accellerator mod. Maybe I am wrong, but isn't there one?

thanks.

al

5216. Re: Aircraft

Newsgroup: rec.radio.scanner
Date: 1994-11-10 05:16:14 UTC
From: jfe@efn.org
Message-ID: <Cz1DB4.Bu1@efn.org>
Source record: 265868

In <5462@rook.ukc.ac.uk> dpfg@ukc.ac.uk (Darren) writes:

>Why do aircraft communicate using AM, when almost all other
>communications use FM?

Because it's always been done that way and it would be too much trouble
to change it now.

5217. Pro-2006 Dimmer Switch

Newsgroup: rec.radio.scanner
Date: 1994-11-10 06:13:13 UTC
From: tfisher@boi.hp.com
Message-ID: <Cz1Fy2.Mq0@boi.hp.com>
Source record: 265870

Should be a piece of cake. The EL panel which is sandwiched behind the LC display pane and in front of the PC board can remain intact and should not be touched. The reason for this is that the two connections that are connected to the pc board only can be soldered a very few times, unless you sink the heat and know exactly what your doing solderwise. The EL panels have a connector which is crimped through the palstic in two places, and there is no where for the heat to go except into the plastic and it melts too quickly causing an oxydation pocket near the connector(s) only to premature fail. To Mod or place a dimmer would be difficult as this panel is being run on AC which is being driven by an Invertor Ballast. They operate on 108-140VAC. To put in an on of switch locate the EL Ballast, and open the trace to the DC side input. Run a couple of wires from the open trace to a micro switch which is located to the outside case and wolla you may then turn this on and off at will. Total time 1 hour this includes adding the switch.

If you want to change the backlight colors, there is only one reliable source located in King Of Prussia Pa. They have sent me samples for other projects but I found it easier to put colored mylar(plastic) in either red or blue for a nice custom effect in front of the El Panel, not the display.

Note * LCD displays are either designed for backlighting or not. The manufacturer has to add or subtract a polarized film specific to the display. the LCD designed for backlight allows light to transfer through from the underside, where the non backlight LCD will not allow the light to xfer from the underside, but bounces lumens entering in from the front. Almost like placing a mirror behind the display.

Best Regards
THE SONAR GURU...

The opions are my own not previous, current, nor future employers.

5218. Pro-25 mods? do they exist?

Newsgroup: rec.radio.scanner
Date: 1994-11-10 06:27:16 UTC
From: bjohnson@nyx10.cs.du.edu
Message-ID: <39seg4$ruc@nyx10.cs.du.edu>
Source record: 265822

Are there any mods for the Pro-25? Thanks....

Both soft and hard..

--
Bruce Johnson 14153452353
bjohnson@nyx.cs.du.edu Join Fighter Duel Pro 2 Tourney

5219. Need advice on putting antenna in attic

Newsgroup: rec.radio.scanner
Date: 1994-11-10 07:12:47 UTC
From: jschribr@crash.cts.com
Message-ID: <jschribr.784451567@crash.cts.com>
Source record: 265781

I live in a condo and so I can not put a scanner antenna on my roof. The next best thing I figure would be to put an antenna up in the attic. I'm thinking of getting a discone because of its wide frequency coverage and omnidirectional properties. In the Grove catalog they sell a discone with an additional vertical element to enhance 30-50MHz coverage for $85 plus shipping. Radio Shack has a discone without the vertical element for about $55. Would that vertical element greatly enhance low band reception (especially cordless phone)?

Any and all advice regarding attic antenna installation, the questions I raised above, or general antenna information would be greatly appreciated.

Jeff
jschribr@cts.com

5220. Re: Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-10 07:55:38 UTC
From: smorgan@netcom.com
Message-ID: <smorganCz1Koq.3MI@netcom.com>
Source record: 265871
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <crispCz0G4K.p7@netcom.com>, Richard Crisp <crisp@netcom.com> wrote:
>
>Now that we have a completely new political situation in Washington as
>of the first of the year, let's see if we can get some of our rights
>back.
>
I hate to be the one to say it, especially this soon after the election,
but it is delusional at best to think that there is a dime's worth of dif-
ference between a Republican Congress and a "Democratic" one. All that
Fancy Talk before the election was just rhetoric; no more and no less.

Your lost rights are gone forever...

--
Steve Morgan internet: smorgan@netcom.com

"1935 will go down in history. For the first time, a civilized nation
has full gun registration. Our streets will be safer, our police more
efficient and the world will follow our lead to the future." -- Adolf Hitler

5221. Re: Frequency of Door Lock Remote

Newsgroup: rec.radio.scanner
Date: 1994-11-10 08:09:58 UTC
From: gunn@mprgate.mpr.ca
Message-ID: <1994Nov10.080958.21587@mprgate.mpr.ca>
Source record: 265872

gunn@mprgate.mpr.ca (Neil Gunn) writes:
: I have a friend whose remote control door lock on his Oldsmobile doesn't work
: any longer. Does anyone know what frequency these things operate at so that I
: can tell if the remote control is putting out a signal or not? The dealer
: wants $90 for a replacement unit and my friend doen't want to spend that kind
: of money unless he is sure that the remote is actually broken.
:
: Please respond by E-mail.

Thanks to all of you that responded. It looks like the remote is transmitting
fine at 313 MHz so the problem must be in the receiver in the car.

5222. Re: Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-10 08:49:32 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Nov10.004932.4779@cmkrnl>
Source record: 265873
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <crispCz0G4K.p7@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
>
> Now that we have a completely new political situation in Washington as
> of the first of the year, let's see if we can get some of our rights
> back.
>
> For starters, let's ask our elected representatives to introduce bills
> that repeal the scanner ban, remove the equipment and cordless phone
> monitoring bans from the DT bill and for that matter, take a pre-emptive
> strike against crypto bans.

If you really believe that the Republican Party will be a champion of such causes, I have a wonderful deal for you. (But no checks, please. Cash, and in small bills....)

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

5223. Re: time via radio

Newsgroup: rec.radio.scanner
Date: 1994-11-10 10:16:03 UTC
From: pestw@konech.kontron.de
Message-ID: <39srt3$c0r@Kontron.De>
Source record: 265874

Wolfram Lewe (Wolfram_Lewe@lippebox.fido.de) wrote:
: Ed Lieser # iccgcc.cs.hh.ab.com@242:4900/99.0 had a question concerning
: "time via radio" on 28th of Oktober 1994

: lichac> Recently I saw an ad in the British "short wave" magazine for
: lichac> a clock controlled by radio signals labelled "DCF77" and "MSF".
: lichac> Can anyone tell me where the transmitters are located and at
: lichac> what frequency they transmit?

: Hallo, Ed,
: as far as I know, the DCF77-signal is broadcast from the Technical
: University Braunschweig (Germany). They have an atomic clock installed
: there.
: The frequency is round about 77 kHz.(Yes kHz, not Mhz) Therefore a
: reception of the signals with a radio-controlled clock is possible in the
: whole of Europe as far as I know.

As far as I know, the frequency is 77.5 kHz, the provider is not a university
but a Federal institution namely the Physikalisch-Technische Bundesanstalt in
Braunschweig and the antenna is located in Mainflingen near Frankfurt(Main).

(Sorry for replying to this group although in concerns a frequency below
30MHz...)

WoP

5224. Pro 43 No Longer Cellular Capable in Canada

Newsgroup: rec.radio.scanner
Date: 1994-11-10 10:59:02 UTC
From: jason@cpubbs.cuug.ab.ca
Message-ID: <5a17_9d0a71a5@cpubbs.cuug.ab.ca>
Source record: 265748

> : other models. Has anybody else had similar findings with other RS
> models
> : in Canada?

> Yes, but there is *nothing* to stop the Canadian dealers from going
> to Tandy
> or Radio Shack or InterTan or whatever and saying we WANT cellular
> modifiable
> units, therefore SELL us modifiable units OR we go to UK/Europe and

I've checked several Radio Shacks in my area [Calgary, AB, Canada], looking at PRO-43s in preparation for purchasing one, and none have had any A in the serial, part, or any other number. The only A's I can find are in the words 'REALISTIC 200 Channel Direct Entry Programmable Scanner' or whatever it says on the front of it. Now, I don't know if it means that Calgary sells a phenomenally low number of scanners [doubt it; after I bought my PRO-44 six of my friends, two of my employers, and half the fire department bought scanners too :)], but it ensures that I won't have to worry about there not being any 43s in town when I finally pile up enough quarters to get one.

Not that I want to listen to cellular anyway, so I guess this is kinda moot. ;)

jason low jason@cpubbs.cuug.ab.ca derran@sdf3.cpubbs.cuug.ab.ca
EMR -- Pump-A - Parts 1 2 3 4 -- Driver -- V-X & Trench Tech -- General Peon

5225. Re: RadioMap(TM) expanded to 50 states,

Newsgroup: rec.radio.scanner
Date: 1994-11-10 11:00:39 UTC
From: clay@panix.com
Message-ID: <clay.1434.2EC1FD57@panix.com>
Source record: 265727
Cross-posted to: rec.radio.swap,rec.radio.scanner

In article <9411091910591.DLITE.cremer@delphi.com> cremer@delphi.com (charlie cremer) writes:

>Well Bob, I don't think you could do one of your RadioMaps for my area.
>I live too darn close to Motorola National HQ in Schaumburg Illinois.
>There's more attennas at that sight then you can shake a scanner at.
>And they are not the only ones, there are attenna towers all over this
>industrial corridor. The airwaves are a radio swamp around here. Talk
>about intermod, I get a weird combination of Ham repeater and data
>channel all over 470 Mhz on my Pro 37. Your product sounds nice, but
>I don't think you could do one for this spot that would be usefull.

Well Charlie, don't knock it until you see it -- I got the prior version of Bob's RadioMap(TM) for my neighborhood in Manhattan and there are quite a few transmitters within a one mile radius of my apartment (40 44 21 N, 73 59 6 W)...

.-. .-.
/ \ .-. .-. / \
/ \ / \ .-. _ .-. / \ / \
-/--Clay Irving-(N2VKG)\-----/---\---/-\---/---\-----/-----\-------/-------\--
clay@panix.com \ / `-' `-' \ / \ /
New York, New York `-' `-' \ /
`-' `-'

5226. Re: Pro 43 No Longer Cellular Capable in Canada

Newsgroup: rec.radio.scanner
Date: 1994-11-10 11:49:19 UTC
From: shearman@bonk.io.org
Message-ID: <39t1bv$5ft@ionews.io.org>
Source record: 265783

Steven Bradley (sbradley@sgb.oau.org) wrote:
: Neil Townsend (netowns@netowns.bcsc.gov.bc.ca) wrote:
: : It's sad but true. Even though it is not *illegal* to listen to cellular calls
: : check the serial number first. If it starts with the letter "A" (A123456) then
: : it is no longer cellular capable. I am not sure if the same is true with
: : other models. Has anybody else had similar findings with other RS models
: : in Canada?

: Yes, but there is *nothing* to stop the Canadian dealers from going to Tandy
: or Radio Shack or InterTan or whatever and saying we WANT cellular modifiable
: units, therefore SELL us modifiable units OR we go to UK/Europe and IMPORT
: them and leave you stuck with stock that will NOT sell since those who have a
: choice would not buy them -- those dealers with the modifiable imported stock
: would then have the edge on the situation -- as I suspect Atlantic has already
: realised.

: The point I am making is there is NO law in Canada preventing COMMERCIAL
: importation of the real scanners from the UK/Europe and no way InterTan can
: force them to accept second-rate poor quality North American rejects.

: SPREAD THE WORD! THE PRO-43 "A" models are NORTH AMERICAN REJECTS!! SPREAD
: IT FAR AND LOUD! THEY ARE RETURNS, REBUILT, REJECTS without full coverage.

: Tell tandy we will not settle for their second-hand north american censored
: GARBAGE! As far as I know Atlantic in Canada still can get them. If they can
: anyone should be able to.

In the November issue of DX Ontario, the magazine of the Ontario DX
association, there is an interview with the head of marketing for Radio
Shack in Canada, Mr. Dave Mayne.

Mr. Mayne makes it clear that while Radio Shack knows there are people
who are capable of unblocking cellular reception, they feel "obligated "
(his word, in quotes) to market radios that they feel confident are
blocked in the cellular bands.

New radios from Radio Shack to be introduced in Canada in the new year,
made by both GRE and Uniden, will have new technology to mask cellular
reception, including, in some cases, a new CPU. Radio Shack will not,
according to Mr. Mayne, be purchasing any more of the older stock. When
current stock is gone, it's GONE!

Radio Shack will be introducing a new radio in the spring of 1995 capable
of scanning 1200-1300 mhz.

I forsee a increase in price in "cellular capable", second hand PRO-43's
and bearcat 200XLT's in the days ahead... <g>

5227. Re: "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-10 12:11:14 UTC
From: izm@panix.com
Message-ID: <39t2l2$asj@panix.com>
Source record: 265728
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur

In article <cking4.22.0012EC88@be0227.be.ford.com>,
Christopher King <cking4@be0227.be.ford.com> wrote:
>In article <Cz0Hw0.B44@tyrell.net> athena@tyrell.net (athena) writes:
>>From: athena@tyrell.net (athena)
>>Subject: "Kenneth" Dan Rather Mystery Solved?
>>Date: Wed, 9 Nov 1994 17:57:35 GMT
>
>> In the Nov. 7 issue of New York magazine, a guy who thinks he may be the
>>real "Kenneth" comes forward to offer a possible solution to the 1986 Dan
>>Rather "Hey Kenneth, What's the Frequency" mystery.
>
>>On October 4, 1986, Dan Rather claimed he was attacked on Park Avenue in
>>New York by two well-dressed thugs who pummeled him about the head and
>>kept repeating, "What's the frequency, Kenneth?" Rather has been the butt
>>of countless "Kenneth" jokes ever since.
>
>>Now a Ken Schaffer, a Manhattan electronics expert, comes forward to say
>>he thinks the attackers may have meant to follow him home from Columbia
>>University's Harriman Institute for the Advanced Study of the Soviet Union,

...fascinating story deleted...

>>If Ken Schaffer is on the Net, I hope he will join the discussion. I

absolutely!

>Interesting story!
>
>I first heard about Mr. Schaffer in an article from a guitar magazine about
>15 or so years ago (he was running the wireless guitar business at the
>time, obviously). He mentioned going to a place called Canal Street in
>his youth -- apparently this was the site of several surplus electronics
>dealers in the city, and he would be the first one down there in the morning
>so that he'd get the best selection of parts.
>
>C.K.
>
>
When I was in High School in NYC (quite a ways back in time) my friends and I
would often "cut" class to go down to Canal Street and Cortlandt Street. The
latter was nicknamed "radio row" since it was lined almost wall-to wall with
radio/electronics/parts/gadget stores. Most were stocked with world war II
surplus equipment such as transmitters and receivers removed from old combat
aircraft, mountains of parts, odds and ends, etc. We were solidly infatuated

with radio, electronics, in the pre-PC/Unix days.

Both Streets still exist in
Manhattan but radio row is gone, having been replaced by the world trade center
years ago, Canal Street's electronic stores are also gone, I believe the last
one closed.

--
---
izm@panix.com Israel Moskowitz WA2ZKG

5228. Trident TR4500 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-10 12:47:23 UTC
From: smorgan@netcom.com
Message-ID: <smorganCz1y6z.C73@netcom.com>
Source record: 265729
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone have any opinion(s) on the Trident TR4500 scanner?

Basically, the product literature I was able to get from ACE Commo. says it covers 1-1300MHz, with some interesting verbiage about cellular lockout in the USA "except for Federal Government, Law Enforcement, or Cellular Providers" (which I take to mean that there is some simple modification to allow it to cover cellular for *ahem* others, as well). The TR4500 supports (get this) 2,016 channels. It only scans 38 channels or steps per second, but it has an RS-232 port and software allowing computer control, although I'm a little unclear as to the details of the computer control. (Software and computer-to-scanner cable is included.)

I'm somewhat confused how they can sell all of the above (and more, but I am too laazy to type it all in) for only US$469. Frankly, I am only interested if there is a mod for cellular (and a reversible mod would be twice as good). Is anyone out there aware of: (a) this manufacturer; (b) this unit; (c) an appropriate mod for cellular; and/or (d) the details of the computer control?

Thanks,

--
Steve Morgan internet: smorgan@netcom.com

"1935 will go down in history. For the first time, a civilized nation has full gun registration. Our streets will be safer, our police more efficient and the world will follow our lead to the future." -- Adolf Hitler

5229. Re: sc150 sportcat

Newsgroup: rec.radio.scanner
Date: 1994-11-10 13:11:16 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.8.000D307D@ccm.hf.intel.com>
Source record: 265755

In article <alacy.27.0014F5EA@skew.com> alacy@skew.com (skew) writes:

>To all SPORTCAT owners:

> I was playing today, and decided to make a stab at opening
>the SC150's cell range. I cut EVERY jumper in the damn thing,
>with nil results. The wierd thing is, even with ALL the jumpers cut,
>it still operates as normal. Odd. Well, if anyone can figure anything
>out by this, please let me know!

I cut a few of the jumpers on my 220xlt and noticed the same thing as you. No
effect, good or bad.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5230. The Snowbird's Frequency?

Newsgroup: rec.radio.scanner
Date: 1994-11-10 13:18:24 UTC
From: sflynn@freenet.vancouver.bc.ca
Message-ID: <39t6j0$9a@freenet.vancouver.bc.ca>
Source record: 265730

A little late in the year for this, but I guess it'll help for when the airshow circuit starts up again next year. Does anyone out there happen to know what frequencies the Snowbirds use? (The Snowbirds are Canada's Armed Forces Aerial Demo team incase there is some confusion) Thanks,

Sean
sflynn@freenet.vancouver.bc.ca

5231. FAA frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-10 14:04:11 UTC
From: daled@xetron.com
Message-ID: <daled-1011940904110001@tc_mac1.xetron.com>
Source record: 265731

Can someone tell me what frequencies the FAA uses to relay
civil aircraft communications remotely to air traffic controllers?
(This is not the direct channels in the usual aircraft band!)

Short of that, are frequencies allocated by the FCC to government
agencies listed in an accessible database of frequencies (online)?
Where would such a database reside?

Thanks,
DD

5232. Re: WARNING! Long response to right-wing polemics

Newsgroup: rec.radio.scanner
Date: 1994-11-10 15:24:37 UTC
From: domonkos@access.digex.net
Message-ID: <K-ZmkiubG6wB066yn@access.digex.net>
Source record: 265737

I happen to agree with Richard Crisps stands, he's one of an apparently small group that sees through the smoke screen we call Congress. His point to throw everyone out is justified in that the effect would be a strong message to the ruling officials who have no concerns for the average working American. He's hit the point head on, Democrat, Republican, they are the same side and support only their pockets. To blame any administration is ludicrous. While rebuilding our national defense, the predominantly Democratic Congress voted to export our commercial industry base to third world countries through tax perks. When the cold war ended and the nation tried to resume commercial interests, low and behold, the commercial manufacturing base was depleted and unable to support the present work force. Both Democrats and Republican alike profitted at the American public's expense.

What Richard has highlighted is plain as sun light to us. Each administration, both presidential and congress alike, is chipping away at our freedoms at an alarming rate. They are aware of the unrest of the people, they see the rising crime rates which are in large part a reflection of our economy, and their solution is to mute and manipulate the public through lies and promises that never materialize after the elections. Perhaps the next presidential candidate that supports a regular status report on how each elected official votes on issues will get more support at the booths. Obviously, many people have been 'snowed' into complacency, as is evident by the elections.

If everyone took as serious an interest in the government and issues as he does we wouldn't be wasting bandwidth here. What's the use of the freedom to complain if no one will execute their right to make a change?

Andy

5233. Re: Pro 43 No Longer Cellular Capable in Canada

Newsgroup: rec.radio.scanner
Date: 1994-11-10 15:24:49 UTC
From: domonkos@access.digex.net
Message-ID: <eHamkiubGUgB066yn@access.digex.net>
Source record: 265738

In article <1994Nov8.150547.5656@venus.gov.bc.ca>, Neil Townsend wrote:
> It's sad but true. Even though it is not *illegal* to listen to cellular calls
> in Canada, Radio Shack stores in Canada no longer sell cellular capable
> pro-43 scanners. If you are in Canada and plan to purchase a pro-43,
> check the serial number first. If it starts with the letter "A" (A123456) then
> it is no longer cellular capable. I am not sure if the same is true with
> other models. Has anybody else had similar findings with other RS models
> in Canada?
>
>
> *
> *Disclaimer:
> *Material and opinions contained within are solely those of the author and do
> *not represent, in whole or in part, those of BC Systems Corporation.
> *
> Neil Townsend
> BC Systems Corporation
> Victoria, B.C., Canada
>

You can thank NAFTA for that:

N.A.tional
F.raud
T.heft
A.ct

5234. 8500xlt Opinions

Newsgroup: rec.radio.scanner
Date: 1994-11-10 15:37:17 UTC
From: mmjjmm@post.its.mcw.edu
Message-ID: <39tend$4gl@post.its.mcw.edu>
Source record: 265739

I am seeking opinions on the Uniden 8500XLT and wonder how it compares to the 2006.

--
Michael J. Malloy Amateur Radio N9WJV
Medical College of Wisconsin Compuserve 70334,3563
Milwaukee, Wisconsin Internet mmjjmm@post.its.mcw.edu

5235. MacHams/Gallery's BBS

Newsgroup: rec.radio.scanner
Date: 1994-11-10 15:38:37 UTC
From: paulot@cais.com
Message-ID: <paulot-1011941038370001@paulot.cais.com>
Source record: 265740
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.misc,rec.radio.scanner,rec.radio.shortwave,dc.general

Attn all MacHams!
Gallery's BBS has changed telephone number,we are now at 202-333-0407.
Our board specializes in Macintosh shareware for ham radio operators as
well other miscellaneous files for the Mac in general.
We got morse code pratice programs,packet tutorials,logging programs,rig
control and more cool Mac stuff online.
No charge for 30 min of daily access,call in using your favorite comms program.
DOS/Windows is also supported,but we need more files from our users.
VT100,RipTerm and NovaTerm support,9600 baud,24 hours a day.
Call it!

73's de N3MGA,Sysop

--
Paulo A. Teixeira "Free speech is the right to shout
N3MGA@WA3TAI.NOAM.MD 'THEATER' in a crowded fire."
Gallery's BBS 202-333-0407 - A yippie proverb

5236. Icom 7100 vs. 7000

Newsgroup: rec.radio.scanner
Date: 1994-11-10 15:39:28 UTC
From: mmjjmm@post.its.mcw.edu
Message-ID: <39terg$4qg@post.its.mcw.edu>
Source record: 265741

I have been looking at both of these radios and wonder what people think
of them in comparison. They seem to be very close in price.
--
Michael J. Malloy Amateur Radio N9WJV
Medical College of Wisconsin Compuserve 70334,3563
Milwaukee, Wisconsin Internet mmjjmm@post.its.mcw.edu

5237. Re: ECPA give you the right to listen to Police/Fire ?

Newsgroup: rec.radio.scanner
Date: 1994-11-10 15:39:38 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cz2663.n34@freenet.carleton.ca>
Source record: 265742

In a previous article, rotnapple@aol.com (RotnApple) says:

>Could somebody with the complete text look this up for all of us?
>
>I thought the ECPA specifically stated, in the language of the
>bill that citizen were granted the RIGHT to listen to unencrypted
>(scrambled, encoded) communications of public safety agencies.
>
>I thought it when like ....Nothing in this legislation prohibits
>citizens from monitoring police, fire etc. Blah Blah, a free society
>to be able to monitor the workings of their public safety
>agencies..........
>
In reality it always was legal to monitor Public Service radio comms.
What ECPA did (under lobbying from the Phone Co.) was to restrict some
monitoring activity. So in reality ECPA did not take away the monitoring
of Public Safety services. It would appear the the ECPA is in affect in
Canada as well. Radio Shack is either not selling the Pro-43, just the
Pro-43A version. Shack also runs a scare campaign on their salesclerks
by threatening them with a $4,000.00 fine for telling anyone how to or
who will modify the Pro-2006 scanners to regain full coverage. So RS
in Canada is mandating the ECPA upon Canada, where by the Radio Act
IT IS LEGAL TO MONITOR ANY RADIO SIGNAL!!! But then Shack does sell
CelPhones!

"I wouldn't want to live in a society were the police didn't want you
to know what they were doing..."

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

5238. PRO 37 Mods

Newsgroup: rec.radio.scanner
Date: 1994-11-10 15:55:35 UTC
From: jonathan@mrl.win-uk.net
Message-ID: <34@mrl.win-uk.net>
Source record: 265743

Anyone know of any mods to a RS PRO 37 scanner

cheers

--
internet: jonathan@mrl.win-uk.net

5239. Re: Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-10 17:02:05 UTC
From: crisp@netcom.com
Message-ID: <crispCz29zH.1ns@netcom.com>
Source record: 265749
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <1994Nov10.004932.4779@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>In article <crispCz0G4K.p7@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
>>
>> Now that we have a completely new political situation in Washington as
>> of the first of the year, let's see if we can get some of our rights
>> back.
>>
>> For starters, let's ask our elected representatives to introduce bills
>> that repeal the scanner ban, remove the equipment and cordless phone
>> monitoring bans from the DT bill and for that matter, take a pre-emptive
>> strike against crypto bans.
>
>If you really believe that the Republican Party will be a champion of such
>causes, I have a wonderful deal for you. (But no checks, please. Cash, and in
>small bills....)
>

Well is is CLEAR that the democrats will not. We have just seen the
damage they have inflicted in the last two years. If the Repubs don't
deliver us from the garbage that has been rammed down our throats for the
past umpteen years, then there is always `96........

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

5240. Re: VOTE TUESDAY to end the Democratic Stranglehold on Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-10 17:39:25 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Nov10.093925.4781@cmkrnl>
Source record: 265735
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <39qbg6$fbf@ionews.io.org>, shearman@grin.io.org (DAVID SHEARMAN) writes:
> Richard Crisp (crisp@netcom.com) wrote:
> : Your freedoms and Constitutional liberties are at stake.
> : [...]
>
> With the Republican victory in the House, several state governorships and
> possibly the Senate, I trust this will be the last of this
> non-international thread for a while...

Think again. Now he's exhorting us to ask the newly-elected republicans to
repeal the "scanner ban", etc. (Fat chance!)

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

5241. Re: Need freq's for Gatlinburg & Pigeon F., TN

Newsgroup: rec.radio.scanner
Date: 1994-11-10 18:11:47 UTC
From: Brian Morgan <brian.morgan@sdrc.com>
Message-ID: <39tnp3$bb5@info1.sdrc.com>
Source record: 265745

> Me and "a busload of my friends" are going to the Gatlinburg-
> Pigeon Forge area this January

I would also like any neat frequencies for the area - I'm going next week!
Thanks!
Brian
brian.morgan@sdrc.com

5242. Re: WARNING! Long response to right-wing

Newsgroup: rec.radio.scanner
Date: 1994-11-10 18:40:08 UTC
From: dspman@aol.com
Message-ID: <39tpe8$gee@newsbf01.news.aol.com>
Source record: 265746

In article <9411091910592.DLITE.cremer@delphi.com>, cremer@delphi.com
(charlie cremer) writes:
>I agree wholeheartly with your observations that...
>...the Republicans are far and away the party most likely to initiate
>anti-scanning, anti freedom or anti liberty legeslation.

The Democratic "Crime Bill" took another chip out of your
Constitutional right to bear arms. During the Clinton administration,
there was another bill to restrict the use of radar detectors
(basically a radio receiver) by certain truck drivers. It seems to
me that the Democrats are the anti-freedom, anti-liberty party;
it also seems that most voters agreed with me last Tuesday.

5243. Re: Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-10 18:45:00 UTC
From: jfeng@VNET.IBM.COM
Message-ID: <19941110.112323.973@almaden.ibm.com>
Source record: 265747
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In <crispCz29zH.1ns@netcom.com> Richard Crisp writes:
>In article <1994Nov10.004932.4779@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>>In article <crispCz0G4K.p7@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
>>>
>>> Now that we have a completely new political situation in Washington as
>>> of the first of the year, let's see if we can get some of our rights
>>> back.
>>>
>>> For starters, let's ask our elected representatives to introduce bills
>>> that repeal the scanner ban, remove the equipment and cordless phone
>>> monitoring bans from the DT bill and for that matter, take a pre-emptive
>>> strike against crypto bans.
>>
>>If you really believe that the Republican Party will be a champion of such
>>causes, I have a wonderful deal for you. (But no checks, please. Cash, and in
>>small bills....)
>>
>
>Well is is CLEAR that the democrats will not. We have just seen the
>damage they have inflicted in the last two years. If the Repubs don't
>deliver us from the garbage that has been rammed down our throats for the
>past umpteen years, then there is always `96........
>
>--
>Richard Crisp Cupertino, Ca. crisp@netcom.com
>(415) 903-3832 wk (408) 253 4541 fax
> For PGP Public Key, type finger crisp@netcom.com
> In the US we have three boxes that matter, the soapbox, the ballot box,
> and the cartridge box. Let's effectively use the first two so we do not
> have to resort to the third!
>
Sigh. It would have been nice if this non-SWL, parochial US-only politics
could have had the courtesy to stay out of this newsgroup until at least
January 1996. At least we have not seen any irrational polemics about
the recent elections in Sri Lanka or the Japanese electoral reforms.

5244. Monitor Uniden 900Mhz Spread Spectrum cordless ??

Newsgroup: rec.radio.scanner
Date: 1994-11-10 19:20:27 UTC
From: bt630@cleveland.Freenet.Edu
Message-ID: <39trpr$3t0@usenet.INS.CWRU.Edu>
Source record: 265750

Is it possible to monitor one of these with another phone of
the same model? Do all production-units use similar spread spectrum
"patterns," or algorithms when tramsmitting to and from the base unit?

Thanks,
Rich

5245. Re: almost found a perfect scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-10 19:20:29 UTC
From: da5id@expert.cc.purdue.edu
Message-ID: <da5id.784495193@expert.cc.purdue.edu>
Source record: 265751

Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:

> -=> Quoting Ryan Weaver to All <=-

> RW> I was one pen away from writing a check for a pro-2006 (supposedly the
> RW> best?) but then looked at the frequencies it didn't carry. Is there a
> RW> smaller scanner that would complete the spectrum if I added the famous
> RW> diode that allows cell scanning? Or is there an even better scanner
> RW> (complete range) out there?

> What exactly were you looking for, Ryan? The unit does have a gap in the
>800 mhz band, but that is easily rectified in 2 minutes and a pair of
>wire clippers. The gap in the 520 to 760 Mhz is UHF television...so
>nothing worth getting here.

> Jerry

Forget it. I bought it.
--
The toasters have been hypnotizing me again!
da5id@expert.cc.purdue.edu
Feel Free to educate me!
Ah...my long lost bowling ball...home again...jiggidy jig.

5246. Re: ? on aircraft frequency guides

Newsgroup: rec.radio.scanner
Date: 1994-11-10 19:23:48 UTC
From: pwd@apple.com
Message-ID: <pwd-1011941123480001@17.130.21.104>
Source record: 265786

In article <brett_miller.4.000A5D18@ccm.hf.intel.com>,
brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) wrote:

> I have not spent a lot of time monitoring aircraft, but I am looking to get
> more involved in it. I recently received the Defense Mapping Agency catalog
> of Aeronautical Charts and Publications.
>
> What I am trying to figure out is which guides are worth while. In
> particular, route guides and frequency information for military and civil
> aviation would be the most helpful. Any comments an the following guides? :
>
> 1. Area Planning - Military Training Routes (both book and charts)
> 2. USA IFR supplemant
> 3. USA VFR supplement
> 4. High Altitude IAPs (northwest)
> 5. Low Altitude IAPs (Vol. 3)
> 6. Civil SIDs/STARs (western)
>
> OTHERS??
>

I think you can do much better than that. As far as "official" sources go, there's an "Airport Facility Directory" I believe, published by the FAA, which lists the Tower, ground, Unicom frequencies for every airport. You can pick up a copy in any FBO (Fixed Base Operator); your local flight school surely stocks 'em. They're quite cheap because they're updated very regularly. IFR sectional charts are interesting because they'll tell you what pilots are told, that is, which *specific* frequency to choose to call approach control for a given area, for instance. If you want to monitor *all* approach control frequencies, you have to go hunting all over the map to find what you're looking for.

There are books specifically dedicated to listing frequencies by state/city/airport, along with listings for things that are scattered on the charts, like ATC Center frequencies and local approach and departure control frequencies. Tom Kneidel (I probably misspelt his name, sorry) published a book I liked, and the classic "Montitor America" will tell you *LOTS* about frequencies on and around airports, including items like the airlines' internal communication frequencies, etc. Between those two I've found just about everything I've ever gone looking for.

You might try posting on groups like rec.aviation.misc as well.

Good luck,
-Patrick Penzias Dirks.

5247. Re: RS-2006 Touch Tone Decoder Needed

Newsgroup: rec.radio.scanner
Date: 1994-11-10 19:32:40 UTC
From: tharrell@nmsu.edu
Message-ID: <39tsgo$cpp@dns1.NMSU.Edu>
Source record: 265752

Vidiot (vidiot@bga.com) wrote:

: Hmmm...seems like you could tape the tones, then call up your
: pager (assuming you own one) and play the tones over the line to the
: pager. Hang up, wait, and if I'm correct in my assumption you should
: be able to "read" the now converted dtmf tones on your pager!

Or tape them, call someone's voice-mail, and when it asks you for the mailbox number, play back the tones. You get a recording saying, "Box ######## was an invalid box. Please try again," or something similar.

--

--
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |
--

5248. OptoScan456 and noise problem ?

Newsgroup: rec.radio.scanner
Date: 1994-11-10 20:14:47 UTC
From: tham@fas.harvard.edu
Message-ID: <39tuvn$2h5@decaxp.harvard.edu>
Source record: 265753

I have a pro-2006 with OptoScan456 board installed. It has been working for a few months now without a glitch. I do notice there are noise coming out of the speaker when unit is turned on and in scanning mode. Level doesn't change with volume control. I know my BC200xlt also has some noise, but not as loud as the 2006 with 456 board. By no means it is very loud, but noticable when you sits within 5 feet of it. I haven't got a chance to call Optoelectronics engineers yet, but If you have similar problem or cure for that please e-mail or post.

Tnx,

Fu KA1NUB

5249. Re: RS-2006 Touch Tone Decoder Needed

Newsgroup: rec.radio.scanner
Date: 1994-11-10 20:41:29 UTC
From: bgpalmq@moto.net.nwa.com
Message-ID: <39u0hp$fgi@guppy.idss.nwa.com>
Source record: 265754

Vidiot (vidiot@bga.com) wrote:

: Hmmm...seems like you could tape the tones, then call up your
: pager (assuming you own one) and play the tones over the line to the
: pager. Hang up, wait, and if I'm correct in my assumption you should
: be able to "read" the now converted dtmf tones on your pager!

: Just a thought....
: haven't actually tried this yet....:^)

: --
: ----

Better have a very good tape deck or the wow and flutter will kill the
idea...

Brady

5250. I missed it!

Newsgroup: rec.radio.scanner
Date: 1994-11-10 20:57:57 UTC
From: anubis@luxor.csuohio.edu
Message-ID: <1994Nov10.205757.2427@news.csuohio.edu>
Source record: 265772

Gees,

Does anybody have a list of CELL-Phone Freqs?? I see them all the time
in sales adds, you know "buy a antenna, get a list"... anybody got a list?
Can somebody post 'em, or send a copy??

-greg stark
anubis@luxor.csuohio.edu

5251. Re: Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-10 20:58:10 UTC
From: crisp@netcom.com
Message-ID: <crispCz2Kwz.3nx@netcom.com>
Source record: 265780
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <19941110.112323.973@almaden.ibm.com> jfeng@VNET.IBM.COM writes:
>In <crispCz29zH.1ns@netcom.com> Richard Crisp writes:
>Sigh. It would have been nice if this non-SWL, parochial US-only politics
>could have had the courtesy to stay out of this newsgroup until at least
>January 1996. At least we have not seen any irrational polemics about
>the recent elections in Sri Lanka or the Japanese electoral reforms.

WEll Joseph, all I'd like to do is get folks thinking about what they would
like to have the new Congress do for us. I think it makes sense to
put together a list of items we feel need their attention, and send it
to the new leadership as well as our own state's delegation.

I know many feel that the political stuff belongs someplace else
but thre are no radio politics newsgroups and if someone is willing
to start alt.radio.politics, I'd be happy to take the discussion there.

I would do it if I knew how, maybe someone will either do it or tell me
how.

But it is significant that Sri Lanka has elected a Socialist as has Japan.
Of course with Japan's recent political history, the PM will maybe last
another couple of months :-)

By the way I understand that the US Coast Guard has changed their
daytime frequency to 8983khz in case someone is looking for direct
radio content in this post and lacks the capability of seeing abstract
links.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

5252. Re: VOTE TUESDAY to end the Democratic Stranglehold on Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-10 21:00:20 UTC
From: crisp@netcom.com
Message-ID: <crispCz2L0L.40t@netcom.com>
Source record: 265732
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <1994Nov10.093925.4781@cmkrnl> jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>In article <39qbg6$fbf@ionews.io.org>, shearman@grin.io.org (DAVID SHEARMAN) writes:
>> Richard Crisp (crisp@netcom.com) wrote:
>> : Your freedoms and Constitutional liberties are at stake.
>> : [...]
>>
>> With the Republican victory in the House, several state governorships and
>> possibly the Senate, I trust this will be the last of this
>> non-international thread for a while...
>
>Think again. Now he's exhorting us to ask the newly-elected republicans to
>repeal the "scanner ban", etc. (Fat chance!)

Rather than just assume they will not, I submit it is better to tell them what we want and if they don;t deliver, then we know that we tried and that they aren't executing our will. If they aren't executing my will they don't get my vote in '96. This seems pretty plain to me, doesn't it seem that way to you?

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box, and the cartridge box. Let's effectively use the first two so we do not have to resort to the third!

5253. Denver Colorado Frequencys

Newsgroup: rec.radio.scanner
Date: 1994-11-10 21:18:26 UTC
From: jkpotts@gdwest.gd.com
Message-ID: <39u2n2$1hi@gdwest.gd.com>
Source record: 265629

Newsgroups: alt.radio.scanner
Expires:
Sender: jkpotts@gdwest.gd.com
Followup-To:
Distribution: usa
Organization: Computer Sciences Corporation
Cc:jkpotts@gdwest.gd.com
Subject: Denver Colorado Frequencys
Sender: J. Potts
Summary: Denver Colorado Frequencys Needed
Keywords: Frequencys Colorado Denver

I am lookinf for frequencys for the Denver Colorado area. I have a
Police Call book but it is not detailed enough. I would like to
know if there are any special speed trap frequencys or airplane
frequencys used by the Highway Patrol.I am also interested in other
interesting frequencys that would not be in the Police Call book.

Also any other Colorado frequencys would be great.

Thanks
J. Potts

5254. Re: FAA frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-10 21:22:00 UTC
From: mulligan@ACM.ORG
Message-ID: <39u2to$aec@hopper.acm.org>
Source record: 265760

daled@xetron.com (Dale Dickerhoof) asked:
> ... what frequencies the FAA uses to relay civil aircraft communications ...
Most remoted ATC sites use microwave or landline links to Center.

> ... frequencies allocated by the FCC to government agencies ...
Assignments for Federal government agencies are made by the National Telecommunications and Information Administration (NTIA) of the Commerce Dept., not the FCC. The NTIA Manual is available from the GPO as catalog nbr 903-008-00000-8, but I strongly doubt it includes specific frequencies.

/* barry /&

5255. Re: Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-10 21:22:49 UTC
From: gcortevi@nyx10.cs.du.edu
Message-ID: <39u2v9$nsi@nyx10.cs.du.edu>
Source record: 265756
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

jfeng@VNET.IBM.COM (Joseph Feng) writes:
>Sigh. It would have been nice if this non-SWL, parochial US-only politics
>could have had the courtesy to stay out of this newsgroup until at least
>January 1996. At least we have not seen any irrational polemics about
>the recent elections in Sri Lanka or the Japanese electoral reforms.

Well, since the Internet originally grew out of the U.S. Defense
Department, guess which country has the most influence. If you don't
want to read it, you have a choice. Don't subscribe to the newsgroup or
skip to the next message.

Besides, politics plays a pivotal role in the scanning freedom of US
citizens. It certainly is relevant to me. I actually enjoy seeing other
people's views on how politics relates to scanning. Its t
hrough communication that we learn what's going on.

--
Greg Corteville | "If privacy is outlawed, only
gcortevi@nyx10.cs.du.edu | outlaws will have privacy."
gcortevi@trident.lbs.msu.edu | - PGP Documentation
---[PGP Key available via finger]-----------------------------------

5256. Re: San Jose Area FREQS Wanted.

Newsgroup: rec.radio.scanner
Date: 1994-11-10 21:40:19 UTC
From: joewo@aol.com
Message-ID: <39u403$ioh@newsbf01.news.aol.com>
Source record: 265757

In article <391av0$5d5@satisfied.elf.com>, msattler@jungle.com (Michael Sattler, San Francisco) writes:

Hi!!
youse guys have anything for the Chico CA area? tanks!!

5257. Re: Fresno, Ca. Freq's

Newsgroup: rec.radio.scanner
Date: 1994-11-10 21:45:45 UTC
From: joewo@aol.com
Message-ID: <39u4a9$irj@newsbf01.news.aol.com>
Source record: 265758

In article <390n4o$psr@charnel.ecst.CSUChico.EDU>,
sblackman@oavax.csuchico.edu writes:

Hi there!!
I saw your suffix as being with the Chico State group....I live in
Chico!!! I am always on the lookout for people that have freq info and i
have a bunch. I am into scanning to police and the usual....I was into
QSLing pirates big time back in the 80s but because i have a crappy
antenna getting the HF bands is tough for me now (boo hoo!!) I like to
AM & FM Dx and I work at a couple stations in town. email me back and
lemme know what you are into in the world of scanning and whatever else.
JoeWo @AOL.COM see ya......

5258. Pro-46

Newsgroup: rec.radio.scanner
Date: 1994-11-10 21:59:56 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <39u54s$575@floyd.santarosa.edu>
Source record: 265759

Hi,

Does anybody know how to modify the Pro-46 scanner for more memory channels?

I know this has been asked but I have not seen any posts on it..

John
jthompso@nermal.santarosa.edu

p.s. this is the generic, most often asked type of question....

jt

5259. Need freq's in Illinois

Newsgroup: rec.radio.scanner
Date: 1994-11-10 22:26:48 UTC
From: colombo@fnalv.fnal.gov
Message-ID: <1994Nov10.162648@fnalv.fnal.gov>
Source record: 265761

I need the freq's used at O'Hare airport, both the ground tower and Aurora.
Also, police/fire for Schaumburg and Hoffman Estates, Illinios.

tia,

_/_/_/_/ _/ _/ _/ _/ Rick Colombo colombo@fnal.gov
_/ _/_/ _/ _/ _/ _/ Fermi National Accelerator Lab
_/_/_/ _/ _/ _/ _/_/_/_/ _/ Of course I speak for: Fermilab,
_/ _/ _/ _/ _/ _/_/_/_/ Congress and the President...NOT!

5260. Re: RS-2006 Touch Tone Decoder Needed

Newsgroup: rec.radio.scanner
Date: 1994-11-10 22:55:16 UTC
From: shawn4sk1@aol.com
Message-ID: <39u8ck$jhq@newsbf01.news.aol.com>
Source record: 265778

It will if the recording is played loud enough into the phone. I've done it before when someone dialed a phone number onto my voicemail after the beep instead of during my outgoing message where they're supposed to...

:-)

Shawn

5261. Re: Caller ID experiment results

Newsgroup: rec.radio.scanner
Date: 1994-11-10 22:55:28 UTC
From: shawn4sk1@aol.com
Message-ID: <39u8d0$ji9@newsbf01.news.aol.com>
Source record: 265779

I'll try the wiring info shown here and see if, by chance, it shows the numbers on my Caller ID box...

I'll report my findings.

:-)

Shawn

5262. Re: Pro2006 w/ Opto456

Newsgroup: rec.radio.scanner
Date: 1994-11-10 23:00:17 UTC
From: shawn4sk1@aol.com
Message-ID: <39u8m1$jl4@newsbf01.news.aol.com>
Source record: 265762

You're not saying your price is $299 for the Scanner w/Opto, just for Opto, right?!

Shawn

5263. Re: Need advice on putting antenna in attic

Newsgroup: rec.radio.scanner
Date: 1994-11-10 23:22:45 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-101194162247@earl.llnl.gov>
Source record: 265763

In article <jschribr.784451567@crash.cts.com>, jschribr@crash.cts.com (Jeff Schriber) wrote:
>
> I live in a condo and so I can not put a scanner antenna on my roof.
> The next best thing I figure would be to put an antenna up in the
> attic. I'm thinking of getting a discone because of its wide frequency
> coverage and omnidirectional properties. In the Grove catalog they
> sell a discone with an additional vertical element to enhance 30-50MHz
> coverage for $85 plus shipping. Radio Shack has a discone without the
> vertical element for about $55. Would that vertical element greatly
> enhance low band reception (especially cordless phone)?
>

I would like to add another question to the above post. If one were to add a center vertical element to the RS discone, would that severly upset the transmitting SWR at 2 meters?

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@aol.com
NOVA Laser Operations
P.O. Box 808, L-489
Livermore, CA 94551

5264. Re: Israel Shortwave may end 1/1/95!

Newsgroup: rec.radio.scanner
Date: 1994-11-10 23:41:07 UTC
From: crisp@netcom.com
Message-ID: <crispCz2sGK.EJI@netcom.com>
Source record: 265764
Cross-posted to: soc.culture.israel,rec.radio.shortwave,rec.radio.scanner

In article <Pine.SUN.3.91.941110170700.13968A-100000@itsop1> Daniel Rosenzweig CIS <drosenzw@its.brooklyn.cuny.edu> writes:
>I have just received mail from a reliable source (I'll disclose that plus
>more information once I gain his permission to do so) that the Israel
>Broadcasting Authority has anounced the ending of all shortwave
>transmissions on January 1, 1995 unless the government provides finance.
>Once again I urge everyone to write not only to Kol Israel, but to the
>Israeli government that the shortwave broadcasts are important to give
>the world accurate news about Israel.

And while you are writing letters to governments, how about one to your congressman, one to each of your two senators and one to the president and one to the new speaker of the house and the new senate majority leader and ask them to introduce legislation that repeals the scanner ban of 92, repeals all radio monitoring prohibitions contained in the Digital Telephony Bill, and one that repeals the ban on cellphone listening contained in the ECPA86.

Remind them that an ordinary 10 year old TV can monitor cellular, remind them that cellphone security is easily achieved by using voice encryption,or digital cellular. Remind them that digital cellular will replace analog cellular due to market forces (they need more efficient spectum utilization), remind them that the US Federal Appeals court have determined that users of cordless telephones have no expectation of privacy since their transmission is unencrypted, and remind them that cellphone fraud is illegal without the DT bill and that it creates a dangerous legal structure where legitimate, non criminal use of radios and computers is in question.

Remind them that they are elected as agents to do the will of the people and without the will of the people that they have no job in 1996. Also remind them that the above mentioned list of items is our will.

I think it is far more important to take care of this critical constitutuional crisis at home than it is to attempt to pursuade a foriegn government to fund their shortwave broadcasts. Not that funding the shortwave broadcasts is not important too. Hell the money probably comes from the US aid to Israel anyway!
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,

and the cartridge box. Let's effectively use the first two so we do not have to resort to the third!

5265. Re: Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-11 01:26:07 UTC
From: NormL@ix.netcom.com
Message-ID: <39uh7f$ied@ixnews1.ix.netcom.com>
Source record: 265765
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In <crispCz0G4K.p7@netcom.com> crisp@netcom.com (Richard Crisp) writes:

>
>
>Now that we have a completely new political situation in Washington as
>of the first of the year, let's see if we can get some of our rights
>back.
>
What are you smoking, Richard? If the new regime gets into the area of
rights at all it will be to decree that we can't look at pictures of
nekkid humin beans or say 'fuck' on the Internet.

Get Real.

Norm

5266. Re: Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-11 01:30:00 UTC
From: jfeng@VNET.IBM.COM
Message-ID: <19941110.174815.960@almaden.ibm.com>
Source record: 265766
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In <39u2v9$nsi@nyx10.cs.du.edu> Greg Corteville writes:
>jfeng@VNET.IBM.COM (Joseph Feng) writes:
>>Sigh. It would have been nice if this non-SWL, parochial US-only politics
>>could have had the courtesy to stay out of this newsgroup until at least
>>January 1996. At least we have not seen any irrational polemics about
>>the recent elections in Sri Lanka or the Japanese electoral reforms.
>
>Well, since the Internet originally grew out of the U.S. Defense
>Department, guess which country has the most influence. If you don't
>want to read it, you have a choice. Don't subscribe to the newsgroup or
>skip to the next message.
>
>Besides, politics plays a pivotal role in the scanning freedom of US
>citizens. It certainly is relevant to me. I actually enjoy seeing other
>people's views on how politics relates to scanning. Its t
>hrough communication that we learn what's going on.
>
>--
>Greg Corteville | "If privacy is outlawed, only
>gcortevi@nyx10.cs.du.edu | outlaws will have privacy."
>gcortevi@trident.lbs.msu.edu | - PGP Documentation
>---[PGP Key available via finger]-----------------------------------
>
<19941110.112323.973@almaden.ibm.com>

The original posting was sent to rec.radio.shortwave. In my opinion,
it was irrelevant to short wave radio listening, and that was my point.

I can accept that it was germane to scanners, so it was appropriate to post
it on a scanner newsgroup. Putting it into rec.radio.shortwave was just
another case of inconsiderate spamming. The shortwave newsgroup is
intrisically international, and its stated purpose is radios. There were
many recent postings that polluted rrs and which were purely related to
US politics(sometimes only northern California) and with no relationship
to shortwave radio(not even containing the childish afterthoughts that
have recently appeared). I had foolishly hoped that those might disapppear
from rec.radio.shortwave until at least the next election was close.

BTW, the reference to the Japanese electoral reforms was not about the
party in power, but in the change in the allocation of the districts
represented in the Diet. To this outsider, it appears to me to be more
revolutionary than the decennial redistricting in the US.

5267. Re: "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-11 01:30:07 UTC
From: tharrell@nmsu.edu
Message-ID: <39uhev$2hs@dns1.NMSU.Edu>
Source record: 265767
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur

Very interesting story - I didn't know that that's what R.E.M. was singing about. I always figured that R.E.M. should've posted a note on rec.radio.scanner asking for whatever frequency they were looking for - that way, we would have been spared from Michael Stipe's whining of the rest of the song. (What? He's _singing?_ :))

--

```
*-------------------------------------------------------------------*
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |
*-------------------------------------------------------------------*
```

5268. Re: Pro-2006 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-11-11 01:30:22 UTC
From: rpowell@gulf.net
Message-ID: <39uhfe$cgi@marlin.gulf.net>
Source record: 265768

In article <CyzCK2.36o@microsoft.com>, markme@microsoft.com (Mark Mecham) says:
>
>(I just posted this on the "other" scanner group)
>
>I've been looking for a 2006 as well, best price I've found is $359.00 Delivered
>from the following mail order outfit.
>
>the following is taken from the faq document
>
> Introduction to Scanning
> by Bob Parnass, AJ9S
>
> - Marymac Distributing (Katy, TX) sells Radio Shack
> scanners at discount, but charges a 20% restocking fee
> for returned merchandise. Telephone (800)231-3680 and
> (713)392-0747.

I have them available at my store...$349.99....send mail if interested.
BTW...no sales tax on mail orders.

5269. Re: Wanted Detroit Lion Freqs

Newsgroup: rec.radio.scanner
Date: 1994-11-11 01:36:49 UTC
From: tharrell@nmsu.edu
Message-ID: <39uhrh$2hs@dns1.NMSU.Edu>
Source record: 265769

Dennis M. Smith (af631@detroit.freenet.org) wrote:

: I'am looking for frequencies used by the Detroit Lions.
: I'am looking for the helmet radio frequencies in particular
: but I will take all.

According to one of the most recent Monitoring Times, the helmet radios use digital encryption. This is presumably to keep other teams from listening in.

The magazine goes on to tell how the Cleveland Browns tried a radio setup in a 1959 game against the Giants. The Browns got an FCC license, the Giants got ahold of the frequency, and by listening in were able to hold the Browns scoreless in the first half. Then the radio conked out and the Browns went on to win.

Or something like that (from memory - I flipped through it at the bookstore).
--

| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |

5270. Re: Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-11 01:48:26 UTC
From: jfeng@VNET.IBM.COM
Message-ID: <19941110.175526.466@almaden.ibm.com>
Source record: 265770
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In <crispCz2Kwz.3nx@netcom.com> Richard Crisp writes:
>In article <19941110.112323.973@almaden.ibm.com> jfeng@VNET.IBM.COM writes:
>>In <crispCz29zH.1ns@netcom.com> Richard Crisp writes:
>>Sigh. It would have been nice if this non-SWL, parochial US-only politics
>>could have had the courtesy to stay out of this newsgroup until at least
>>January 1996. At least we have not seen any irrational polemics about
>>the recent elections in Sri Lanka or the Japanese electoral reforms.
>
>WEll Joseph, all I'd like to do is get folks thinking about what they would
>like to have the new Congress do for us. I think it makes sense to
>put together a list of items we feel need their attention, and send it
>to the new leadership as well as our own state's delegation.
>
>I know many feel that the political stuff belongs someplace else
>but thre are no radio politics newsgroups and if someone is willing
>to start alt.radio.politics, I'd be happy to take the discussion there.
>
>I would do it if I knew how, maybe someone will either do it or tell me
>how.
>
>But it is significant that Sri Lanka has elected a Socialist as has Japan.
>Of course with Japan's recent political history, the PM will maybe last
>another couple of months :-)
>
>By the way I understand that the US Coast Guard has changed their
>daytime frequency to 8983khz in case someone is looking for direct
>radio content in this post and lacks the capability of seeing abstract
>links.
>
>--
>Richard Crisp Cupertino, Ca. crisp@netcom.com
>(415) 903-3832 wk (408) 253 4541 fax
> For PGP Public Key, type finger crisp@netcom.com
> In the US we have three boxes that matter, the soapbox, the ballot box,
> and the cartridge box. Let's effectively use the first two so we do not
> have to resort to the third!
>

I can see why you put it into alt.radio.scanner, but why did you put it into
rec.radio.shortwave where it has no obvious relevance?

I guess you do not listen to NHK. Otherwise, you might know something about
the recent electoral reforms that are expected to shift political power from
the rural areas to the cities. It was also covered in the news on VOA and

Radio Singapore International.

5271. Utah military aviation

Newsgroup: rec.radio.scanner
Date: 1994-11-11 01:53:54 UTC
From: glm@xmission.com
Message-ID: <39uj1s$62p@xmission.xmission.com>
Source record: 265812

I would like to hear from anyone in the Utah area who is interested in monitoring Hill AFB and the Utah
Test/Training Range military activity. I hope I'm not the only one in the state with this hobby.
Please respond via e-mail.
Thanks,
--
-Gary
glm@xmission.com -Salt Lake City, Utah USA-
~!

5272. ****Need Freqs for AUSTIN/ROUND ROCK TEXAS

Newsgroup: rec.radio.scanner
Date: 1994-11-11 01:54:44 UTC
From: mpg-man@mail.utexas.edu
Message-ID: <39uit4$5hd@geraldo.cc.utexas.edu>
Source record: 265771

Anyone have frequencies for the Austin and Round Rock areas? I have a Police Call from a couple of years ago, but I don't know if any of them have changed. I am interested in both POLICE frequencies and FIRE frequencies. Please post here or e-mail me.

-Michael
mpg-man@mail.utexas.edu

5273. Re: Monitor Uniden 900Mhz Spread Spectrum cordless ??

Newsgroup: rec.radio.scanner
Date: 1994-11-11 02:12:33 UTC
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Message-ID: <1994Nov11.021233.24792@mixcom.com>
Source record: 265785

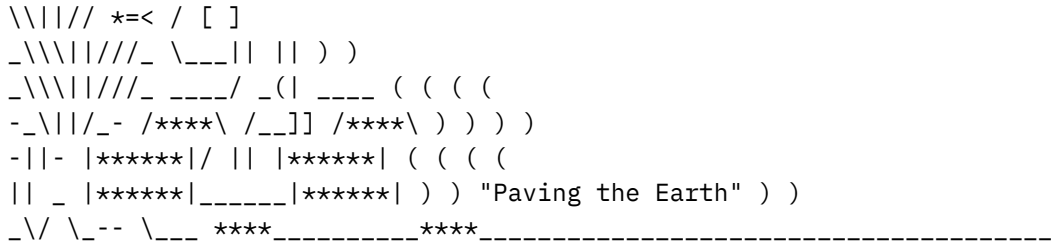
In <39trpr$3t0@usenet.INS.CWRU.Edu> bt630@cleveland.Freenet.Edu (Rich Michaels) writes:

>Is it possible to monitor one of these with another phone of
>the same model? Do all production-units use similar spread spectrum
>"patterns," or algorithms when tramsmitting to and from the base unit?

The unit uses Frequency Hopping (not direct sequence) SS and I
could easily watch it hop around using a spectrum analyzer.
(A $15,000 model from IFR. Ouch!!)

I expect ALL units have a frequency look-up table of sorts
but the starting point may be determined randomly and
even changed on the fly if interference is detected.

So the answer is NO, you could not EASILY monitor with
another model. One of the reasons for using SS is to get
around the problem of intererence and interception that
is typical of the 46/49MHz narrow-band cordless phones.

--
P A R A D I S E __ * * * * *
TAR & ASPHALT _____ || kevin.jessup@mail.mei.com


5274. Re: time via radio

Newsgroup: rec.radio.scanner
Date: 1994-11-11 02:28:51 UTC
From: pgoldsmi@bu.edu
Message-ID: <39ukt3$5lh@news.bu.edu>
Source record: 265773

In the US, WWV in Colorado, located at wherever the US's atomic clock
is there, broadcasts in the clear on 5MHz, 10MHz, and 15MHz. It is a voice
SSB transmission and actually ticks on each second. It should be able to be
received anywhere in the US.
Phil Goldsmith
pgoldsmi@acs.bu.edu

5275. Re: I missed it!

Newsgroup: rec.radio.scanner
Date: 1994-11-11 02:33:39 UTC
From: "Gregory yea... you can call me Greg" <gregmason@delphi.com>
Message-ID: <Rk43k6T.gregmason@delphi.com>
Source record: 265774

Gregory Stark <anubis@luxor.csuohio.edu> writes:

>Does anybody have a list of CELL-Phone Freqs?? I see them all the time

What do you need specific frequencies for? All you need to do is a limited search between 823 and 851 mhz for the handset, and 869 and 896 mhz for the towers. They transmit at 30mhz intervals, and transmissions are scattered between the higher and lower limits. Its much more effective to just search the range, than to program in the freqs.
---Greg

5276. TRADE: BC-2500-XLT for PRO-2006

Newsgroup: rec.radio.scanner
Date: 1994-11-11 02:48:14 UTC
From: schroederk@rcwusr.bp.com
Message-ID: <1994Nov10.214814.1264@rcwusr>
Source record: 265787

Thanks for reading. I recently have been bitten by the computer controlled scanning "bug". I would like to get a pro 2006 once more. (Had one a few years ago, and sold it.) I have a BC2500 XLT handheld scanner I would like to offer in trade. For those who may not be familiar with this scanner:

400 channels
Wide frequency coverage
approx. 100 channel / second scan and search rate
Search and store function is built in. (Great for finding unknown frequencies during unattended operation)
Hit counter function built in. (After you store all of your new-found frequencies using the search and store mode, you can scan them and see just how active they are. Also great for unattended monitoring!)
Very sensitive receiver
Best backlit display I have seen in a handheld
etc., etc.....

As frequent readers of this group may know, in high signal strength areas, this handheld may receive images and or intermod, however, in other areas, this thing is a screamer!

Also, it has been modified to receive the forbidden cellular frequencies by an avionics tech.
Includes carrying case, charger, manual, and one nicad pack.

If you are at all interested, please e-mail me at:

schroekt@clipo1.usachem.msnet.bp.com (or just reply to this) at schroederk@rcwusr.bp.com

Thanks again. Kevin Schroeder

5277. Re: Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-11 02:52:56 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <Cz31C8.1Js@news.Hawaii.Edu>
Source record: 265775
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <39u2v9$nsi@nyx10.cs.du.edu> gcortevi@nyx10.cs.du.edu (Greg Corteville) writes:

>Besides, politics plays a pivotal role in the scanning freedom of US
>citizens. ^^^^^^^^

They why isn't this article just addressed to .scanner, Greg? You've
cross-posted it to .shortwave.

Jeff

5278. Re: ECPA give you the right to listen to Police/Fire ?

Newsgroup: rec.radio.scanner
Date: 1994-11-11 03:04:03 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <Cz31ur.1rF@news.Hawaii.Edu>
Source record: 265692

In article <Cz2663.n34@freenet.carleton.ca> ad607@FreeNet.Carleton.CA (Darrell A. Larose) writes:

> Shack also runs a scare campaign on their salesclerks
>by threatening them with a $4,000.00 fine for telling anyone how to or
>who will modify the Pro-2006 scanners to regain full coverage. So RS

You need to submit evidence of this if you want us to believe this,
such a a copy of a memo, or some other reference.

Jeff

5279. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-11 03:14:45 UTC
From: "Scott A. McMullan" <ssasxmt@assets.vf.ge.com>
Message-ID: <1994Nov11.132329.16259@knight.vf.ge.com>
Source record: 265776

Is someone maintaining a list of frequencies in use at fast food places?

Apologies in advance if this is a FAQ; I can't seem to coax my newsreader into giving me articles back far enough for me to tell.

Thanks!

5280. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-11 03:15:47 UTC
From: julian@kesteven.win-uk.net
Message-ID: <52@kesteven.win-uk.net>
Source record: 265777

In article <39cdu9$fus@illuminati.io.com>, Todd Bradley (todd@io.com) writes:
>Peter M Woolsey (mupmw7@uxa.ecn.bgu.edu) wrote:
>> Kevin Mark Wong (kwong@ee.ualberta.ca) wrote:
>> : Aaron Giles (giles.26@postbox.acs.ohio-state.edu) wrote:

ok so it interested a lot of people (yawn...)

>> : > You might try the 450-470 Mhz band. The Taco Bell in my city uses a
>> : > repeater in the 464/469 range.It is very low power, and the output on 464
>> : > is continuous.

WOW! now we can find out what they're out of before we go!

>
>> : Why would Taco Bell have a repeater?
>
>> -->> I was wondering the same thing..... Are they trying to talk
>> -->> to OTHER Taco Bells in the area?????

Hey! they're not about to start global home deliveries are they?????

>
>"Taco Bell Command to 28th Street, Command to 28th Street. We
>have a Code 6, Inadequate Hot Sauce, here. Repeat, we have a
>Code 6. Request immediate backup."

Command, this is 28th, what the **** do you 'spect us to do about
this huh?

(Yeah, I know... great use of bandwidth)
>
>Todd.

** There are none so bound as those who cannot pee!**

Julian

5281. Re: RadioMap(TM) expanded to 50 states,

Newsgroup: rec.radio.scanner
Date: 1994-11-11 03:35:02 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cz33AE.234@nntpa.cb.att.com>
Source record: 265793
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

In article <9411091910591.DLITE.cremer@delphi.com>,
charlie cremer <cremer@delphi.com> wrote:

>Well Bob, I don't think you could do one of your RadioMaps for my area.
>I live too darn close to Motorola National HQ in Schaumburg Illinois.

Good news, Charlie -- I've already done one for someone in your area.
Yes, there are many interesting transmitter sites there, but my
dithering algorithm works pretty well at avoiding clutter.

Although the Schaumburg area has a lot of transmitters, there
is a higher transmitter density in the Chicago Loop and
downtown Manhattan -- two areas for which I've already made
RadioMaps for folks.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5282. Re: ****Need Freqs for AUSTIN/ROUND ROCK TEXAS

Newsgroup: rec.radio.scanner
Date: 1994-11-11 05:29:59 UTC
From: gregm@ccwf.cc.utexas.edu
Message-ID: <gregm-1011942229590001@slip-6-7.ots.utexas.edu>
Source record: 265789

In article <39uit4$5hd@geraldo.cc.utexas.edu>, -for-mail wrote:

> Anyone have frequencies for the Austin and Round Rock areas? I have a
> Police Call from a couple of years ago, but I don't know if any of them
> have changed. I am interested in both POLICE frequencies and FIRE
> frequencies. Please post here or e-mail me.
>
> -Michael
> mpg-man@mail.utexas.edu

Here is a short incomplete list. Give me a couple of days and I'll send
you a complete one.

SCANNER NOTES
Adam --NW Aus
Baker DWTN/West
Charlie East
David SW
Edward NE
Frank SE

Primary Frequencies
EMS Primary Ch.10 462.9750
EMS Channel 9 462.9500
EMS County 155.7150
Hospital 155.3400
AFD Dispatch 1 453.9000
AFD Dispatch 2 453.4500
??????? 155.3250
InterCity Base 155.3700
INTERCITY????? 154.6800
Edward 460.3250
TCEU 37.9800
Sherrif Channel 6 154.8150
Sherriff Lake 155.3100

Frequencies
153.9500 Val Pulc??????
155.325 EMS Tac1
460.400 APD City
154.205 Setco 1
154.400 TCFC 1
154.415 Oak Hill
155.715 Co. Vol
155.370 InterCity Base

Bastrop SO 154.1158
Austin EMS ch10 462.9750
ch 9 462.9500
tac 1 155.325
TC Vol 155.7150 R
153.9960 T
151.4 P
Manchaca 155.175
Williamson Co 462.975
VHF 158.865
Gold Cross 464.8500
Round Rock 155.520
Williamson Co SO 155.860
Elgin 155.430
186.2 P
Bastrop SO 154.1150R
156.0000T
186.2 P
TCSO (Civil) ch3 154.845 R
155.640 T
151.4 P
Bastrop FireNet 155.040 R
158.760T
Heartbeat Hand 154.600
TCSO
Ch1 154.085
Ch2 153.935
Ch3 154.845
Hayes Co 155.340
Ch7 463.150
Ch9 462.950
Ch10 462.9750
InterCity Base 155.370
Mobile 154.950
DPS
Base 155.460
Mobile 154.680
Ch5 155.070
Ch6 154.920
Ch7 155.505
Ch8 156.150
WestLake 155.115
155.910
Cedar Park 155.085
San Marcos 155.130
155.520
Caldwell Co SO 154.815
Taylor 155.250
Hays Co SO 155.865
Sunset Valley 154.875
Burnet Co SO 154.785

Blanco Co. SO 154.755
Lockhart 154.815
Leander 155.790
Lakeway 155.940
Fredicksburg 155.010
Gillepsie Co SO 37.260
155.730
Setco 1 154.205
153.890 T
156.7 P
CH2 154.325
CH3 154.130
Ch4 154.340
Ch 10 153.950
154.235T
186.2 P
TCFC 154.400
Oak Hill 154.415
Mutual Aid 154.280

--
Greg Middleton
gregm@ccwf.cc.utexas.edu

5283. Re: ****Need Freqs for AUSTIN/ROUND ROCK TEXAS

Newsgroup: rec.radio.scanner
Date: 1994-11-11 05:30:49 UTC
From: gregm@ccwf.cc.utexas.edu
Message-ID: <gregm-1011942230490001@slip-6-7.ots.utexas.edu>
Source record: 265790

In article <39uit4$5hd@geraldo.cc.utexas.edu>, -for-mail wrote:

> Anyone have frequencies for the Austin and Round Rock areas? I have a
> Police Call from a couple of years ago, but I don't know if any of them
> have changed. I am interested in both POLICE frequencies and FIRE
> frequencies. Please post here or e-mail me.
>
> -Michael
> mpg-man@mail.utexas.edu

Here is a short incomplete list. Give me a couple of days and I'll send
you a complete one.

SCANNER NOTES
Adam --NW Aus
Baker DWTN/West
Charlie East
David SW
Edward NE
Frank SE

Primary Frequencies
EMS Primary Ch.10 462.9750
EMS Channel 9 462.9500
EMS County 155.7150
Hospital 155.3400
AFD Dispatch 1 453.9000
AFD Dispatch 2 453.4500
??????? 155.3250
InterCity Base 155.3700
INTERCITY????? 154.6800
Edward 460.3250
TCEU 37.9800
Sherrif Channel 6 154.8150
Sherriff Lake 155.3100

Frequencies
153.9500 Val Pulc??????
155.325 EMS Tac1
460.400 APD City
154.205 Setco 1
154.400 TCFC 1
154.415 Oak Hill
155.715 Co. Vol
155.370 InterCity Base

Bastrop SO 154.1158
Austin EMS ch10 462.9750
ch 9 462.9500
tac 1 155.325
TC Vol 155.7150 R
153.9960 T
151.4 P
Manchaca 155.175
Williamson Co 462.975
VHF 158.865
Gold Cross 464.8500
Round Rock 155.520
Williamson Co SO 155.860
Elgin 155.430
186.2 P
Bastrop SO 154.1150R
156.0000T
186.2 P
TCSO (Civil) ch3 154.845 R
155.640 T
151.4 P
Bastrop FireNet 155.040 R
158.760T
Heartbeat Hand 154.600
TCSO
Ch1 154.085
Ch2 153.935
Ch3 154.845
Hayes Co 155.340
Ch7 463.150
Ch9 462.950
Ch10 462.9750
InterCity Base 155.370
Mobile 154.950
DPS
Base 155.460
Mobile 154.680
Ch5 155.070
Ch6 154.920
Ch7 155.505
Ch8 156.150
WestLake 155.115
155.910
Cedar Park 155.085
San Marcos 155.130
155.520
Caldwell Co SO 154.815
Taylor 155.250
Hays Co SO 155.865
Sunset Valley 154.875
Burnet Co SO 154.785

Blanco Co. SO 154.755
Lockhart 154.815
Leander 155.790
Lakeway 155.940
Fredicksburg 155.010
Gillepsie Co SO 37.260
155.730
Setco 1 154.205
153.890 T
156.7 P
CH2 154.325
CH3 154.130
Ch4 154.340
Ch 10 153.950
154.235T
186.2 P
TCFC 154.400
Oak Hill 154.415
Mutual Aid 154.280

--
Greg Middleton
gregm@ccwf.cc.utexas.edu

5284. Cellular or cordless in 400MHz range?

Newsgroup: rec.radio.scanner
Date: 1994-11-11 07:27:59 UTC
From: radix@pentagon.io.com
Message-ID: <$fmmkWPq5TcS073yn@pentagon.io.com>
Source record: 265792

While using the search mode on my old pro-2021, I came across what appeared to be telephone calls in the 400-500MHz range (not sure exactly what freqs, this was a few days ago...). Just out of curiosity, was this cellular, cordless, or what? I was under the impression that cellular was limited to the 800MHz range, and cordless to the ~40 (I think...) and 900 ranges, and haven't ever heard of either in the 400MHz range.

-sikkid@axpvms.cc.utexas.edu

5285. Re: FAA frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-11 09:23:12 UTC
From: dmcqueen@ccnet.com
Message-ID: <39vd60$rns@ccnet.ccnet.com>
Source record: 265782

Dale Dickerhoof (daled@xetron.com) wrote:
: Can someone tell me what frequencies the FAA uses to relay
: civil aircraft communications remotely to air traffic controllers?
: (This is not the direct channels in the usual aircraft band!)

: Short of that, are frequencies allocated by the FCC to government
: agencies listed in an accessible database of frequencies (online)?
: Where would such a database reside?

: Thanks,
: DD

I've been a controller 30 years and I don't know what you mean. Remote aircraft transmissions are relayed to centers and FSS's by way of telephone lines and microwave link; otherwise its 118-136 Mhz for civil aircraft.

5286. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-11 10:24:08 UTC
From: iialan@iifeak.swan.ac.uk
Message-ID: <Cz3M89.n3J@info.swan.ac.uk>
Source record: 265648
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <39kjgl$k6d@nyx10.cs.du.edu> jldavis@nyx10.cs.du.edu (eagle) writes:
>Yes. And Usenet News articles are public domain. Now if email were being

Whatever gave you that idea - in most countries they are property of their
owner. Reasonable use hopefully covers the redistribution

Alan
--
..-----------,,----------------------------,,----------------------------,,
// Alan Cox // iialan@www.linux.org.uk // GW4PTS@GB7SWN.#45.GBR.EU //
``----------'`----------------------------'`----------------------------''

5287. AOR 8000

Newsgroup: rec.radio.scanner
Date: 1994-11-11 10:41:21 UTC
From: Victor Healey <vhealey@crl.com>
Message-ID: <39vhoh$qlc@nntp.crl.com>
Source record: 265784

If anyone has one of these AOR 8000 scanners I would like to buy
a phocopy of the manual from you. If the copy is clear enough
perhaps I could scan the essential parts inot electronic form
so others can read the same information I am seeking to
determine if this scanner is worth purchasing.

Has anyone purchased the computer interface yet? I am interested in
the docs to that also.

How easy is it to swap out the batteries to this thing?

Vic

mailto:vhealey@crl.com

5288. Re: Monitor Uniden 900Mhz Spread Spectrum cordless ??

Newsgroup: rec.radio.scanner
Date: 1994-11-11 12:57:30 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cz3tBv.4p5@nntpa.cb.att.com>
Source record: 265649
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <39trpr$3t0@usenet.ins.cwru.edu>,
Rich Michaels <bt630@cleveland.Freenet.Edu> wrote:

>Is it possible to monitor one of these with another phone of
>the same model? Do all production-units use similar spread spectrum
>"patterns," or algorithms when transmitting to and from the base unit?

I'm not familiar with the Uniden 900 MHz phone. Does it employ
direct sequence spread spectrum or frequency hopping? How fast is
the hop?

I wonder if using an Interceptor (without rescan delay)
would be quick enough to follow a (slow) frequency hopping signal?

Just to brainstorm for a moment.... How about a different
strategy than trying to "follow" a hopping signal -- listen
to the entire band (e.g. 902-928 MHz) at one time instead?

For close-in work, how about using a comb generator/local
oscillator configuration on a receiver outfitted with a 902-928 MHz
front end filter? That would let you listen to the entire band
at one time.

The downside would be that you couldn't separate other radio
activity within the same bandpass. Another nit is that the
signal you want to receive may be below the noise aggregate level.

I encourage radio tinkerers to experiment and report back.
--
==========
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5289. Re: Pro-44 modifications ?

Newsgroup: rec.radio.scanner
Date: 1994-11-11 13:45:10 UTC
From: ke4pic@aol.com
Message-ID: <39vsh6$r7@newsbf01.news.aol.com>
Source record: 265788

In article <37eo7aINNk7l@server1.rz.uni-leipzig.de>,
schaaf@server1.rz.uni-leipzig.de (Sven Schaaf) writes:

Hello, My name is Frank and I have been trying to find someone who can help me find ANY modifications for the Pro-44. For awhile I thought I may have the only one. Do you know of any information that can lead me to any mods?

Please e-mail any reponse due that it gets difficult for me to go through the newsgroup postings.

KE4PIC@aol.com

Thanks, Frank

5290. Need Help w/ScanStar 3.44 ...Opto 456/w/2006

Newsgroup: rec.radio.scanner
Date: 1994-11-11 14:43:11 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <39vvtv$ghq@paperboy.gsfc.nasa.gov>
Source record: 265791

Help... How do I get freq I received in the search mode into
the grouping mode ?? Manually ?? You've got to be kidding.
Is the only way to load the group files , manual ?

Also Does anyone out there have any user written software to
run there Opto board w/2006, The 3.44 ScanStar is ok but
wasn't what I had expected.

Anyone have the 3.44 Professional they'd want to sell ?

Does any one know of any other packages besides (Probe,ScanCat)
for the Opto 456 w/2006 ?

Does anyone know what the f7-RALL key is supposed to do?

Any help would be appreciated, Thanks.

Richard Reider

5291. Re: Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-11 15:02:56 UTC
From: domonkos@access.digex.net
Message-ID: <zaumkiubG-yO066yn@access.digex.net>
Source record: 265799
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <crispCz0G4K.p7@netcom.com>, Richard Crisp wrote:
>
> Now that we have a completely new political situation in Washington as
> of the first of the year, let's see if we can get some of our rights
> back.
>
> For starters, let's ask our elected representatives to introduce bills
> that repeal the scanner ban, remove the equipment and cordless phone
> monitoring bans from the DT bill and for that matter, take a pre-emptive
> strike against crypto bans.
>
> Please contact your Washington representatives and let them know that
> this is your will and that they serve with your will. It is time to hold
> their feet to the fire!
>

Sorry Richard, I don't think they'll budge, they are mostly Republicans and they will be even in more support of the telephony industries lobbies. Worth a try, even if just to 'test the waters'. The effort would have more of an effect if the scanner manufacturers lead the move.

Andy

5292. Re: request: Mods for BC-890XLT

Newsgroup: rec.radio.scanner
Date: 1994-11-11 15:21:42 UTC
From: badger@telalink.net
Message-ID: <3a0266$37h@eden.telalink.net>
Source record: 265804

In article <OOEmkiubG2zR066yn@access.digex.net>, domonkos@access.digex.net (Andy Domonkos) says:
>
>In article <39ls4o$am3@hopper.acm.org>, F. Barry Mulligan wrote:
>> swanie@wln.com asked:
>> > ... the Radio Shack model number that is identical to the BC890XLT ?
>>
>> Uniden BC890XLT = Radio Shack PRO-2036
>> /* barry /&
>
>...but the RS units are NOT modifiable....
>
>
>Andy
My news server has been down for a few days. What ARE the mods for the 890?

Fernblatt

---

badger@telalink.net
tnorris@ulibnet.mtsu.edu

5293. Re: ****Need Freqs for AUSTIN/ROUND ROCK TEXAS

Newsgroup: rec.radio.scanner
Date: 1994-11-11 15:31:02 UTC
From: barryc@mpd.tandem.com
Message-ID: <1994Nov11.153102.14184@integrity.uucp>
Source record: 265794

Here are a few Round Rock / Williamson County freqs:

155.520 Round Rock PD Ch. 1 - Main
156.240 Round Rock PD Ch. 2 - Info and animal control
155.370 Statewide Base to Base/Mobile - RRPD Ch. 3
154.950 Statewide Mobile to Mobile - RRPD Ch.4 (the channel 19 of PD`s)
154.355 Round Rock FD Ch. 1
154.250 Round Rock FD Ch. 2

154.860 Williamson County SD Ch. 1
154.725 WCSO Ch. 2
155.370 WCSO Ch. 3 (see above)
154.950 WCSO Ch. 4 (see above)
154.650 WCSO Ch. 5 - car to car
158.865 Williamson County Commisioner`s Ch. (road dept, etc.)

155.715 Travis County (Life Flight Helicopter; EMS)

I have access to just about any freq you might want for TX, especially
business and public safety. If you have some specific needs send me some EMAIL.

73 and CUL,
-barryc

Barry D. Chalcroft / N5NWI Tandem Computers ISD, Austin,TX
Work: (512) 244-8723 The Home of "UNIX with Integrity"
EMAIL: barryc@mpd.tandem.com and the "Tandem Amateur Radio
76500.2177@compuserve.com Group of Austin" (TARGA)

5294. Re: WARNING! Long response to right-wing polemics

Newsgroup: rec.radio.scanner
Date: 1994-11-11 15:31:12 UTC
From: dcomer@dmcmicro.win.net
Message-ID: <79@dmcmicro.win.net>
Source record: 265810

Yeah, in Boston they probably do vote often...i.e. multiple times.
How else would a dinasour like Ted Kennedy get re-elected! Here's
to 40 years of failed democrat policies down the drain!!! HIP HIP
HURRAY!!!

>Or, as we say
>here in Boston, vote early and often! :)
>
>Jeff Briskin
>Brandeis University
>briskin@binah.cc.brandeis.eduy
>

5295. Re: FAA frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-11 15:33:36 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cz40K1.6EJ@nntpa.cb.att.com>
Source record: 265647

In article <daled-1011940904110001@tc_mac1.xetron.com>,
Dale Dickerhoof <daled@xetron.com> wrote:

>Can someone tell me what frequencies the FAA uses to relay
>civil aircraft communications remotely to air traffic controllers?
>..Short of that, are frequencies allocated by the FCC to government
>agencies listed in an accessible database of frequencies (online)?
>Where would such a database reside?

Federal frequencies are coordinated through IRAC, not FCC.
The entire IRAC frequency list was classified during the
Reagan administration.

In one of the scanner FAQs I write:

| Federal Radio Stations - Not Licensed by FCC

|Since federal government radio stations are not licensed by
|the FCC, they are not listed in FCC microfiche. In 1981, a
|group of 60 radio hobbyists split a $1300 fee, and obtained
|80 microfiche cards of 'sanitized' information about
|federal government radio stations under the Freedom of
|Information Act (FOIA)1. Only 12 of the 21 information
|fields for each station were furnished. Fields like
|"Remarks", which indicate the exact usage of a channel
|(e.g. "Sky Marshall's Net"), and "Bureau", indicating
|agency subdivision (e.g. TAC within the USAF), were
|withheld. These 80 pages of microfiche were sold by Grove
|Enterprises for $25, but are no longer available from that
|source. Private entrepreneurs have been known to ask $125
|or more for a set! In a step backward, the US Government
|insists it will no longer release this type of information
|- it is now 'classified'2.

|For a reason unknown to this author, the government
|released a 1984 vintage set of frequencies allocated to the
|FAA. Perhaps this was a mistake, because the information
|is marked 'unclassified', but all fields are furnished,
|including some which indicate security related usage.
|Grove sold this set of 33 microfiche cards for about $13.

|1. See "The Government Giveth, the Government Taketh Away",
| by Richard Prelinger, in Monitoring Times, July 1982.

|2. See "AFIO and the FOIA", by Bob Grove, in Monitoring
| Times, September 1982.

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5296. Re: Aircraft

Newsgroup: rec.radio.scanner
Date: 1994-11-11 15:34:34 UTC
From: daled@xetron.com
Message-ID: <daled-1111941034340001@tc_mac1.xetron.com>
Source record: 265634

In article <39pak3$h3q@dns1.NMSU.Edu>, tharrell@nmsu.edu (Thomas J. Harrell) wrote:

> Darren (dpfg@ukc.ac.uk) wrote:
> : Why do aircraft communicate using AM, when almost all other
> : communications use FM?
>
> Because AM was in use for aircraft while FM was still being developed.
> By the time FM was ready, it would have been too difficult to switch
> over world-wide.

Another reason is that a strong FM signal "captures" the receiver so that a weaker station cannot be heard. AM has the ability to receive two stations simultaneously. Air traffic control can easily detect two aircraft transmitting simultaneously.

5297. Re: Need freq's in Illinois

Newsgroup: rec.radio.scanner
Date: 1994-11-11 15:39:28 UTC
From: colombo@fnalv.fnal.gov
Message-ID: <1994Nov11.093928@fnalv.fnal.gov>
Source record: 265809

In article <1994Nov10.162648@fnalv.fnal.gov>, colombo@fnalv.fnal.gov (Rick Colombo) writes:
>
> I need the freq's used at O'Hare airport, both the ground tower and Aurora.
> Also, police/fire for Schaumburg and Hoffman Estates, Illinios.
>

I received the info I was looking for, thanks.

_/_/_/_/ _/ _/ _/ _/ Rick Colombo colombo@fnal.gov
_/ _/_/ _/ _/ _/ _/ Fermi National Accelerator Lab
_/_/_/ _/ _/ _/ _/_/_/_/ _/ Of course I speak for: Fermilab,
_/ _/ _/ _/ _/ _/_/_/_/ Congress and the President...NOT!

5298. Re: WARNING! Long response to right-wing polemics

Newsgroup: rec.radio.scanner
Date: 1994-11-11 16:14:43 UTC
From: domonkos@access4.digex.net
Message-ID: <3a059k$36l@news1.digex.net>
Source record: 265803

> : I happen to agree with Richard Crisps stands, he's one of an apparently
> : small group that sees through the smoke screen we call Congress. His point
> : to throw everyone out is justified in that the effect would be a strong
>
> This is at best naive and at worst fascist! And I don't use those words
> lightly.

Personal attacks against those that don't agree with you? Who's the
fascist?

No, you obviously don't understand the meaning of fascist since that
is what we are trying to prevent but what we are facing in government
today.

>
> Every organizatin with members from diverse "interest" is going to
> display all kinds of sub-"optimal" behavior, as viewed by an outsider who
> himself has a special point of view. Any of you purists ever work inside
> a large company? Why do you thin that IBM got itself into all its
> troubles? Or GM or Xerox or (you name the Silicon Valley company of
> almost any size. How about Apple?)

What the hell does this have to do with the topic?

>
> Most, if not all the problems of US companies are made in the good ole
> USA. Poor labor relations, exploitive working conditions that fostered
> the growth of old-line unionism, unions that manipulate their members for
> the benefit of the leaders' own benefits. (And not just the teamsters.
> How about the railroad unions say 20 years ago. fought like hell to keep
> "firemen" on diesel engines. And look how many jobs the rr industry has
> lost over the years.)
>
> It's nice to blame the problems of your life on "them," but it doesn't
> wash. By the way, how many "conservatives" accept the "it was my
> encironment that did me in" argument when it is made for social reasons,
> notably by the urban poor?
>
> Also, how many of you have ever experienced governments in foreign
> countries? UK, France, Germany? All democracies, but much less open
> than our own country. Japan? ha! The zaibatsu run that country. They
> buy politicians with the spare change.
>

I'm a first generation American with family spread throughout east/west
Europe and Canada. Most of my family escaped to the US over the years.

I need no lesson on international politics, but I have listened to my
family discuss trends of the then emerging Communist governments and
similarities to what we see now.

>
> France. Even the communists there have gone soft. And the "socialists""
> are just as rapidly nationalist and pro-(French)business as any other
> government.
>
> Guys. IF you want to discuss politics, at least get it right. And stop
> screaming about your "rights" to eavesdrop on pricate conservations of
> private citizens. If the government does that, it's bad. Why is it
> good if YOU do that?
>
> I've been a lurker in this group because I wanted to learn about
> scanners. What I have learned is that I hope that the active members of
> this group aren't representative of all scanner owners. 'Cuz you guys are
> the highwaymen of the information age. You make it unsafe to walk on the
> wireless portion of the Information Highway.

^^

What have you got to hide? You should be concerned with the government
monitoring your activities. I know, I worked as a communications
consultant in surveillance for an agency.

>
> Flames to /dev/null.
^^^^^^^^^^^^^^^^^^^

Hear no evil, see no evil?

>
> Postscipt: I went through lots of BS during the 60s and 70s about what a
> bad country we were, because we were in a bad war. It seems that many
> (some) anti-war protestors couldn't distinguish between true patriotism
> and active and principled opposition to a stupid, foolish, morally wrong
> war. When I read this group, I think that the same kind of
> one-dimensional thinking prevails.

The protest WAS about a bad war, worse than was evident at the time.

>
> Guys: life is more complicated than even the mods for a Pro43! If you
> want MY respect, you need to understand those issues. THOSE are the
> important ones. As citizens, as people "with a life," etc.
>
>

We really don't care for your respect, like it or not. If you don't like
what you hear, turn the channel...

Yoou've clearly missed the point. E-mail flames to rec.radio.scanner...

5299. Re: I missed it!

Newsgroup: rec.radio.scanner
Date: 1994-11-11 16:15:14 UTC
From: mulligan@ACM.ORG
Message-ID: <3a05ai$fv3@hopper.acm.org>
Source record: 265795

anubis@luxor.csuohio.edu (Gregory Stark) asked:
> Does anybody have a list of CELL-Phone Freqs??

From the FAF - Frequently Asked Frequencies file on oak.oakland.edu -

---

Cellular Telephone

Chs Freqs (base) System

800-832 869.040 - 870.000 RCC - voice
1-312 870.030 - 879.360 RCC - voice
313-333 879.390 - 879.990 RCC - data
334-354 880.020 - 880.620 Telco - data
355-666 880.650 - 889.980 Telco - voice
667-716 890.010 - 891.480 RCC - voice
717-799 891.510 - 893.970 Telco - voice

Mobiles transmit 45 MHz below the base (824.040-848.970) and
are usually repeated by the base. Channels are .030 MHz apart.

/* barry /&

5300. Re: Rolla/St. Louis Freqs

Newsgroup: rec.radio.scanner
Date: 1994-11-11 16:17:13 UTC
From: rezika@crl.com
Message-ID: <3a05e9$fd9@crl7.crl.com>
Source record: 265796

I found a GREAT! scanner freq book for the STL area:

The Black Book of Scanner Frequencies

Owl's Nest Publications
P.O. Box 387
Granite City, Il 62040

It has all of the Commercial and Government Stuff from the area.

I bought it at Gateway Electronics on Page Ave. in STL for $15
(314) 427-6116

Dave Stuart (dstuart@umr.edu) (dstuart@rocket.cc.umr.edu) wrote:

: I would like a list of frequencies for Rolla, Mo, St. Louis, Mo, and the
: Hiway patrol inbetween (I think Troop C and Troop I)

: --
: -- Dave Stuart
: dstuart@umr.edu

: Men are men, Women are scarce, and sheep are afraid.
: $>
: -- So It Goes (Slaughterhouse Five)

: -- See me, Hear me, Touch me, Heal me. (The Who's -- Tommy)

5301. Re: Icom 7100 vs. 7000

Newsgroup: rec.radio.scanner
Date: 1994-11-11 16:26:34 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cz430B.6zK@nntpa.cb.att.com>
Source record: 265797

In article <39terg$4qg@post.its.mcw.edu>,
Michael Malloy <mmjjmm@post.its.mcw.edu> wrote:

>I have been looking at both of these radios and wonder what people think
>of them in comparison. They seem to be very close in price.

I posted this when the R7100 first appeared a year or so ago:

COMPARING THE ICOM R7100 TO THE R7000 RECEIVER

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The radio RF/IF/AF portions of the R7100 are similar to the
older R7000, but the R7100 is constructed using surface
mount parts. Consequently, the R7100 is smaller. A-B tests
indicate both the R7100 and Radio Shack PRO-2006 receivers
are about equally sensitive, and more sensitive than the 6
year old R7000. Both the R7000 and R7100 are much more
immune to intermod than the Uniden/Bearcat 760XLT and the
portable PRO-43.

Many of the functions controlled by separate rotary switches
and potentiometers in the R7000 are controlled by pushbutton
switches and firmware in the R7100.

Deleted Tuning Meter, Added AFC

Too bad the R7000's analog center reading meter function was
replaced with 3 indicators on the R7100, a left arrow, a
square, and a right arrow. In my R7100, the square lights
if you are tuned within 2.5 kHz of center of an FM station,
a larger window for WBFM signals. The arrow indicates the
direction in which the tuning knob should turned to center
the receiver on the signal.

The R7100 has an interesting AFC circuit, controlled by a
front panel switch. The AFC will automagically tune the
receiver close to the center frequency if you tune near an
FM signal. You can watch the frequency change as the AFC
steps the receiver in 100 Hz increments (on NBFM). The AFC
never quite tunes to the exact center, but tunes within a
window set by a difference amplifier circuit, so the station
sounds good even though the R7100 is slightly off center
frequency.

Modes

R7000 and R7100 users have the same choice of modes, but they are easily selected from front panels controls in the new R7100. A rear mounted slide switch is used for USB/LSB selection in the R7000.

Fancy Firmware for Memory Organization and Scanning

The firmware in the R7100 is much more sophisticated, and a brief article wouldn't do it justice. There are 9 banks of 100 channels. Further, you can associate each channel with 1 of 10 groups. There are many possible ways to scan, more than listed here. You can scan:

all channels
all channels in a given bank
all channels in a given group
all channels in a given group in a given bank

all channels in a given emission mode
all channels in a given emission mode in a given bank

As with most other scanners, there is a lockout bit for each channel, so you don't have to scan the NOAA weather channel even though you have it in memory.

There are 10 pairs of search limits. The search and store ("memory write") scan mode lets you store 100 frequencies instead of the 20 in R7000. Another R7100 improvement is that you can program up to 100 channels for the R7100 to skip while searching. I used this for searching for federal stations in the 162-170 MHz range while skipping the NOAA weather channels 162.55, 162.4, and 162.475 MHz, as well as some veteran's hospital paging channels.

The R7100 has 2 VFOs, but Icom calls them windows. There are several window scan modes, but they resemble priority scan modes in a Bearcat scanner.

Both the R7000 and R7100 scan slowly compared with PRO-2004 and PRO-2006, and that's a drawback. Perhaps a bigger drawback is that both the R7100 and R7000 employs a noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Scanning a mixture of VHF and UHF frequencies serenades the Icom user with a very annoying clickety-clack, clickety-clack!

New Memory Query Feature

The R7100, like the Bearcat 200xlt, has a feature which allows you to detect memory channels programmed with duplicate frequencies.

Tuning Step Selections

The R7000 tuning step size is selected using a rotary switch. The R7100 tuning step size is selected by using a pushbutton to step through the selections. The R7100 has more choices, including a 100 kHz step, useful for tuning around the aircraft bands.

Another new R7100 feature is that a tuning step size can be stored into each of the 900 memory channels, so when you use the tuning knob to tune off a memory channel, the R7100 tunes in reasonable increments (e.g., 12.5 kHz in the 450 MHz range, 10 kHz in the VHF-low band, etc.).

Rescan Delay Added, but Nondefeatable

Icom finally included a decent 2 second rescan delay in the R7100 which owners complained was missing from the R7000. Ironically, you cannot defeat the rescan delay in the R7100, so it's now more difficult to scan trunked systems in which the frequency changes with each new repeater transmission! Using the VSC voice squelch helps shorten the rescan delay unless scanning noisy stations.

Power Supply and More

The internal power supply in both radios runs hot. The R7100 comes with a 12 VDC power cord included, an option in the R7000.

The R7000 comes with a handy carrying handle and rubber feet, an $8.50 option on the R7100.

Added Clock and Timers

Unlike the R7000, the R7100 contains a digital clock and timers which can be used to turn the radio on and off, and tune to different channels, several times each day. I probably won't be using timers, though.

Which Radio to Buy

For fast, reliable scanning, you still can't beat a PRO-2006. If you want SSB reception, computer control, or a radio with a tuning knob and lots of features, I recommend the Icom radios.

The R7100 is more complicated to use than the R7000. There are so many firmware controlled features and there are several 2 key sequencies.

Faced with choosing between an R7000 or an R7100 in a similar price range, I prefer the newer R7100. Sensitivity aside, both are about equal communications receivers, but the R7100 is a better scanner, especially for finding new frequencies and organizing memory.

--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5302. BASE SCANNER WANTED!!

Newsgroup: rec.radio.scanner
Date: 1994-11-11 16:35:24 UTC
From: parickj4560@cobra.uni.edu
Message-ID: <1994Nov11.113524.34894@cobra.uni.edu>
Source record: 265798

I'm looking for a 20-50 channel base scanner w/aircraft band, police etc.
N0ZYA

5303. scanner features

Newsgroup: rec.radio.scanner
Date: 1994-11-11 17:15:48 UTC
From: fredu@enterprise.america.com
Message-ID: <3a08s4$rfg@enterprise.america.com>
Source record: 265800

Like everyone who has started somewhere I am new to this newsgroup. I own a Radio Shack Pro-32, apparently not such a hot model, since there are no postings here about it ! I did buy a converter from a mail order scanner shop and i can get cellular if I want to. Kinda slick downconverter that works fine for me. Some verrry interesting conversations about cracker crumbs in bed...

Anyway, as long I have been interested in scanners, I have found that there is one feature I would like to have in a scanner. These 200 and 400 channel units are great, but the display is all numbers. I would expect that the technology allows for this possibility, if not, clue me in: Why not an option to enter a few characters to identify each channel? You had to enter in the freq in many cases and even if you don't know exactly what you are hearing, you can make a note. Instead of 27 - 154.575, you could have 27 - TACBELDU or something like that, eh?

After reading the hundreds of posts here, I can't wait to listen to the local eateries conversations. Well, yes, I think I can, but there will be some novelty for sure.

Now folks, if there is a scanner out here with the capability to display letters instead of freqs, by all means, tell me!

Another question, what are the comments I scanned by about connecting a pc to a scanner? I am afraid that I skimmed by too fast on those, looking for comments on my pro-32.

--
= =
fredu@america.com

5304. Re: PRO-23 for sale

Newsgroup: rec.radio.scanner
Date: 1994-11-11 18:02:28 UTC
From: Lee_Hines@smtp.svl.trw.com
Message-ID: <Lee_Hines-1111941002280001@m11012.svl.trw.com>
Source record: 265801

In article <784152508@f747.n115.z1.ftn>, Jerry Smith
<Jerry.Smith@f747.n115.z1.fidonet.org> wrote:

-> -=> Quoting Lee Hines to All <=-
->
-> LH> I'll try again. PRO-23 for sale, mod'ed for cellular. Comes with AC
-> LH> adaptor, NiCads, and manual. Asking $150.00.
->
-> Lee...What do you mean "mod' ed for cellular"? I thought the unit could
-> not be modified.
->
-> There is a software mod where you can access it through the keypad. Is
-> this what you mean?
->
-> Jerry
->

Yep. Thats what I mean. Sorry if the post was misleading.

--
Lee Hines - Builder/Owner
Gator's Golf

Views expressed here are not necessarily those of my employer.

Go Gators - '91&'93 SEC Champs
Go Dolphins
(FSU.........just go away)
Friends don't let friends go to Florida State.
Work is for people who don't fish, hunt or play golf.

5305. Re: Need advice on putting antenna in attic

Newsgroup: rec.radio.scanner
Date: 1994-11-11 18:15:41 UTC
From: dseitel@crl.com
Message-ID: <3a0ccd$iss@crl8.crl.com>
Source record: 265802

Jeff Schriber wrote:

> Any and all advice regarding attic antenna installation, the
> questions I raised above, or general antenna information would
> be greatly appreciated.

I have put several in attics and have some general advice.

Don't do it on a hot day. Watch where you put your feet. Watch your eyes with the antenna. Preassemble the antenna as much as you can to minimize the chances of dropping a microscopic screw in the insulation. Try to have the hole in a closet if possible.

It's usually easier to feed the cable up than down, which is unfortunate, since if you could do it the other way, more preassembly might be possible. Measure for the cable length, allowing for routing in corners, behind furniture, etc., and allow a few extra feet. Allow also for positioning the antenna in the attic away from ducts and so forth as much as possible. Have it all laid out in your mind before you go up there to put it in.

I would recommend getting one with the vertical element, if you get a discone.

David S. Eitelbach
dseitel@crl.com

5306. FOR SALE: Official Massachusetts Scanner Guide 3rd Edition

Newsgroup: rec.radio.scanner
Date: 1994-11-11 18:51:35 UTC
From: mc@shore.net
Message-ID: <3a0efn$8ju@shore.shore.net>
Source record: 265644
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

I just picked up the new SCANNER MASTER directory for Massachusetts
and would like to find a new home for my old book - its the
Official Massachusetts scanner guide published by Robert Coburn W1JJO
and covers police, fire, emergency and much more including 800 MHz
business. I've had it for about three years so its not that out of date.
I'll sell it for $8.00 plus postage/UPS. Its in excellent condition
(covers not bent, spine not cracked, pages not falling out, etc). If
interested please send e-mail.

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

5307. Re: RS-2006 Touch Tone Decoder Needed

Newsgroup: rec.radio.scanner
Date: 1994-11-11 19:09:16 UTC
From: jmccarty@spd.dsccc.com
Message-ID: <3a0fgs$fc7@sun001.dsccc.com>
Source record: 265805

In article <39u0hp$fgi@guppy.idss.nwa.com>,
Brady Palmquist <bgpalmq@moto.net.nwa.com> wrote:
)Vidiot (vidiot@bga.com) wrote:
)
): Hmmm...seems like you could tape the tones, then call up your
): pager (assuming you own one) and play the tones over the line to the
): pager. Hang up, wait, and if I'm correct in my assumption you should
): be able to "read" the now converted dtmf tones on your pager!

[rest deleted]

)Better have a very good tape deck or the wow and flutter will kill the
)idea...
)
)Brady

Au contraire. A cassette tape player does quite fine for reproducing DTMF.

Mike

```
char *p="char *p=%c%s%c;main(){printf(p,34,p,34);}";main(){printf(p,34,p,34);}
```

5308. Re: Utah military aviation

Newsgroup: rec.radio.scanner
Date: 1994-11-11 19:12:55 UTC
From: ssouva@xmission.com
Message-ID: <3a0fnn$9jm@xmission.xmission.com>
Source record: 265806

GLMoncur (glm@xmission.com) wrote:
: I would like to hear from anyone in the Utah area who is interested in monitoring Hill AFB and the Utah
: Test/Training Range military activity. I hope I'm not the only one in the state with this hobby.
: Please respond via e-mail.
: Thanks,
: --
: -Gary
: glm@xmission.com -Salt Lake City, Utah USA-
: ~!

Hey, I'm the other guy. Drop me an E-Mail at my XMission address or at my work address and we'll swap a few stories and freqs.

Try some of these. Correct me if I labeled them wrong.

121 139.7250 Hill Depot Maint
122 148.1500 MARS
123 148.1750 Hill (Smith Eng)
124 148.4750 Fire/Crash Net
125 148.5450 Hill Depot Maint
126 148.8750
127 149.1750 34th CMU
128 149.2000 Fire/Crash Net
129 149.2250 Hill AFB
130 149.2750 Hill AFB Base Ops
131 149.4000 Hill Depot Maint
132 149.5650 AF Medical Net
133 150.0750 4th CMU
134 150.2000 Hill AFB MOC
135 150.3750 421st CMU
136 163.4625 Hill AFB SP's
137 163.5875 Disaster Prep
138 163.6500 Hill AFB SP's
139 165.0625 DDO MPs
140 173.4375 Hill AFB Ground
141 173.5875 Hill AFB
142 272.2000 Hill AFB Base Ops
143 381.3000 Hill AFB Cmd Post

I can be found at:

SSouva@XMission.COM

or

SSouva@SwRI.EDU
--
Scott D. Souva
[SSouva@XMission.COM]

5309. Re: "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-11 19:15:06 UTC
From: rotnapple@aol.com
Message-ID: <3a0frq$4j3@newsbf01.news.aol.com>
Source record: 265807

Ah-

So what IS the frequency?

Greg

5310. ECPA give you the right to listen to Police/Fire ?, round 2

Newsgroup: rec.radio.scanner
Date: 1994-11-11 19:25:33 UTC
From: rotnapple@aol.com
Message-ID: <3a0gfd$4na@newsbf01.news.aol.com>
Source record: 265646

Hello-

I think a few people are missing a very important point I wanted to make here.

We prevously have been able to monitor police/fire becaused it was NOT prohibited.

The ECPA specifically points out in it's language that we HAVE THE RIGHT to do so.

The difference could mean a great deal to somebody trying to convince a law enforcement agency of the legality of their monitoring. We still have newbies and friends who ask "can you listen to them, isn't that illegal". Instead of trying to convince them that since it wasn't stated you couldn't monitor you can. ECPA says in black in white yes you can!

Greg

5311. WTB: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-11-11 19:32:07 UTC
From: mmjjmm@post.its.mcw.edu
Message-ID: <3a0grn$4fr@post.its.mcw.edu>
Source record: 265808

I am interested in buying a Icom R-7100. If you have one in mint
condition forsale please send e-mail.
--
Michael J. Malloy Amateur Radio N9WJV
Medical College of Wisconsin Compuserve 70334,3563
Milwaukee, Wisconsin Internet mmjjmm@post.its.mcw.edu

5312. Re: Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-11 21:03:59 UTC
From: edmc@interaccess.com
Message-ID: <edmc.57.008E48B7@interaccess.com>
Source record: 265640
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <39uh7f$ied@ixnews1.ix.netcom.com> NormL@ix.netcom.com (Norman Lehfeldt) writes:
>From: NormL@ix.netcom.com (Norman Lehfeldt)
>Subject: Re: Let's get some support from the new Congress
>Date: 11 Nov 1994 01:26:07 GMT

>In <crispCz0G4K.p7@netcom.com> crisp@netcom.com (Richard Crisp) writes:

>>
>>
>>Now that we have a completely new political situation in Washington as
>>of the first of the year, let's see if we can get some of our rights
>>back.
>>
>What are you smoking, Richard? If the new regime gets into the area of
>rights at all it will be to decree that we can't look at pictures of
>nekkid humin beans or say 'fuck' on the Internet.

>Get Real.

>Norm

Maybe you are right. Or maybe seeing how easily they can be thrown out of office will make *all* politicians more responsive to citizens who care enough to write.
I say Richard is right, we are talking about politicians. They will sway which everway the pressure is coming from. The more organized we are the better.
Or we can lie down and get squashed and then bitch about it.

Ed

- Could the FDA's regulation of cigarettes cost lives?
- Is civil rights protection for sexual orientation "violence"?
- Could the rationing of Health Care mean the end of seat-belt laws?
- Why did an FBI sniper shoot off Vicki Weaver's face as she held her baby?

Check out some uncommon sense (and some cool graphics & links) at:

http://www.interaccess.com/users/edmc/

5313. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-11-11 21:20:32 UTC
From: edmc@interaccess.com
Message-ID: <edmc.59.009D6EB8@interaccess.com>
Source record: 265620

In article <cneumanCy2C8z.7Eu@netcom.com> cneuman@netcom.com (Chris Neuman) writes:
>From: cneuman@netcom.com (Chris Neuman)
>Subject: Re: Bleak Future for Scanning
>Date: Sat, 22 Oct 1994 07:17:22 GMT

>: not only that, but the feds have made it illegal to have you receive
>: digital modulation. Furthermore since we will not be able to monitor the
>: police, they will be able to say what they please with no worry about
>: being monitored. Just think of the abuses they will commit! THE Rodney
>: King "gorillas in the mist" comment will seem tame in retrospect.
>: rdc

>: --
>: Richard Crisp Cupertino, Ca. crisp@netcom.com
>: (415) 903-3832 wk (408) 253 4541 fax
>: For PGP Public Key, type finger crisp@netcom.com
>: "It is a good thing that we do not get as much government as we pay for"
>: -Will Rogers

>The "Gorillas in the mist" comment you refer to was acquired from the
>data terminal record at the station, not from some scanner geek. The
>police who provided this log could have deleted or edited it if the had a
>mind to. You can't seriously be implying that people who monitor police
>radio traffic keep the police from abusing power.

>Besides, I think it was a "mild" comment.

>Chris
>--
> cneuman@netcom.com

Chris,
Whether or not people monitoring police radio traffic can prevent abuse of
police power, it is interesting to know that MDT transmissions can be
intercepted and displayed or printed. For less then US$2000. you can put the
system together. You can also do the same with alpha-numeric pager
transmissions. Of course, that is illegal.

Ed Mc

- Could the FDA's regulation of cigarettes cost lives?
- Is civil rights protection for sexual orientation "violence"?
- Could the rationing of Health Care mean the end of seat-belt laws?
- Why did an FBI sniper shoot off Vicki Weaver's face as she held her baby?

Check out some uncommon sense (and some cool graphics & links) at:

http://www.interaccess.com/users/edmc/

5314. Looking for info on new chicago 911 center

Newsgroup: rec.radio.scanner
Date: 1994-11-11 21:45:14 UTC
From: edmc@interaccess.com
Message-ID: <edmc.61.00B409CC@interaccess.com>
Source record: 265643

Does anybody have any info on Chicago's new 911 center? esp. whether or not they will be scrambling transmissions.

I am looking into it through other sources and will post anything I find if anyone is interested.

Also, if you have a full list of Chicago freqs I would like to have it.

Thanks, Ed Mc

- Could the FDA's regulation of cigarettes cost lives?
- Is civil rights protection for sexual orientation "violence"?
- Could the rationing of Health Care mean the end of seat-belt laws?
- Why did an FBI sniper shoot off Vicki Weaver's face as she held her baby?

Check out some uncommon sense (and some cool graphics & links) at:

http://www.interaccess.com/users/edmc/

5315. FOR SALE : PRO-2006

Newsgroup: rec.radio.scanner
Date: 1994-11-11 21:59:23 UTC
From: bjm@col.hp.com
Message-ID: <3a0pfr$9o1@nonews.col.hp.com>
Source record: 265627

[Article crossposted from rec.radio.swap]
[Author was Brent Mirchandani]
[Posted on 11 Nov 1994 21:58:30 GMT]

FOR SALE : Radio Shack Pro-2006 400 Channel Scanner

This is a "new" unmodified Pro-2006 complete with original box, manual and receipt. It is about 2 months old, still under warranty, and in perfect shape. I am selling it because I need funds for a new project.

Asking $295.00 and the buyer pays shipping charges.

Also, I will include a RS telescoping BNC mount antenna with 90 degree adapter.

Regards,

Brent Mirchandani KB0LUE
bjm@cs.itc.hp.com

5316. Re: Cellular or cordless in 400MHz range?

Newsgroup: rec.radio.scanner
Date: 1994-11-11 22:08:20 UTC
From: mulligan@ACM.ORG
Message-ID: <3a0q0k$hr6@hopper.acm.org>
Source record: 265811

radix@pentagon.io.com (Sikkid) asked about:
> ... what appeared to be telephone calls in the 400-500MHz range ...

You'll have to be a bit more precise <g>. Possibilities include -

Mobile Telephone Base: 454.025 - 454.650
(25 kHz spacing) Mobile: 459.025 - 459.650

Air to Ground Telephone Ground: 454.675 - 454.950
(FM, 50 kHz spacing) Airborne: 459.675 - 459.950

Elsewhere in the 450-470 MHz range you would have heard a 'phone patch',
where a mobile service repeater has a link to the phone system. In the
420-450 MHz range it would be amateur operators with patch capability.
In the 470-500 range, you were listening to a call-in TV show <g>.

/* barry /&

5317. Re: FAA frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-11 22:49:16 UTC
From: SJBH93A@prodigy.com
Message-ID: <3a0sdc$1922@usenetw1.news.prodigy.com>
Source record: 265651

The FAA uses telephone lines to transmit communications from the Air Route Traffic Control Centers to the remote communications sites throughout the country. The telephone companies are responsible for the maintenance of these phone lines.
-
RICHARD MOSER JR SJBH93A@prodigy.com

5318. Re: Aircraft

Newsgroup: rec.radio.scanner
Date: 1994-11-11 23:13:54 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.181.00113BD3@chevron.com>
Source record: 265813

In article <daled-1111941034340001@tc_mac1.xetron.com> daled@xetron.com (Dale Dickerhoof) writes:
>In article <39pak3$h3q@dns1.NMSU.Edu>, tharrell@nmsu.edu (Thomas J. >Harrell) wrote:

>> Darren (dpfg@ukc.ac.uk) wrote:
>> : Why do aircraft communicate using AM, when almost all other
>> : communications use FM?
>>
>> Because AM was in use for aircraft while FM was still being developed.
>> By the time FM was ready, it would have been too difficult to switch
>> over world-wide.

>Another reason is that a strong FM signal "captures" the receiver so that
>a weaker station cannot be heard. AM has the ability to receive two
>stations simultaneously. Air traffic control can easily detect two
>aircraft transmitting simultaneously.

A strong AM signal can capture a weaker AM or FM signal. Aircraft comm is A3E or AM with carrier. Unmodulated carriers are the same from an FM or AM radio. When modulated there still isn't enough difference between AM and FM to make capture a concern.

I fly regularly (as I am sure others here do also) and can tell you that when two stations key together you hear either the stonger station that captures or the squealing of hetrodyne. It is easy to detect two stations transmitting simultaneously with FM also - the het sounds different but it's still there.

Thomas' explaination is the more pratical. The "capture" issue is often cited as the reason but its never held much credibilty with me. If it really was an issue why wouldn't public safety be using AM? They don't - and dispatchers can still usually tell when multiple units transmit.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

5319. Re: Cellular or cordless in 400MHz range?

Newsgroup: rec.radio.scanner
Date: 1994-11-11 23:18:55 UTC
From: fd@wwa.com
Message-ID: <3a0u4v$705@sashimi.wwa.com>
Source record: 265814

F. Barry Mulligan (mulligan@ACM.ORG) wrote:

: radix@pentagon.io.com (Sikkid) asked about:
: > ... what appeared to be telephone calls in the 400-500MHz range ...

: You'll have to be a bit more precise <g>. Possibilities include -

: Mobile Telephone Base: 454.025 - 454.650
: (25 kHz spacing) Mobile: 459.025 - 459.650

: Air to Ground Telephone Ground: 454.675 - 454.950
: (FM, 50 kHz spacing) Airborne: 459.675 - 459.950

: Elsewhere in the 450-470 MHz range you would have heard a 'phone patch',
: where a mobile service repeater has a link to the phone system. In the
: 420-450 MHz range it would be amateur operators with patch capability.
: In the 470-500 range, you were listening to a call-in TV show <g>.

Sorry, but the police around here use 470.587 and similar frequencies...
they stole em from TeeVee land...

: /* barry /&

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback? With name?
email for uuencoded .TIF of T-Shirt Honoring the FBI
Remember, fd _IS FOR_ Full Disclosure!

5320. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-11 23:24:01 UTC
From: g9153402@huey.csun.edu
Message-ID: <3a0ueh$qi3@nic-nac.CSU.net>
Source record: 265815

Scott A. McMullan (ssasxmt@assets.vf.ge.com) wrote:

> Is someone maintaining a list of frequencies in use at fast food places?

> Apologies in advance if this is a FAQ; I can't seem to coax my newsreader
> into giving me articles back far enough for me to tell.

> Thanks!

Since there has been quite a few posts wanting this data, here is a
list of fast food frequencies that is listed in the November issue of
Monitoring Times. But be aware, the FCC isn't exactly issuing frequencies
to every fast food chain for their own use, and that any fast food
restaurant can buy whatever low powered FM transmitters / receivers
they need for their store at an electronics shop. Anyway, just stick
the below in one of your scanner's channel banks, and see what comes
up. All this talk about food is getting me hungry.

Gourmet Restaurant Frequencies
------------------------------ ----------------------------------

Arby's 30.84 31.00 154.57
457.55 479.25

McDonald's 35.12 67.775 70.245
71.105 154.49 154.58
461.0375 463.2875 466.0375
468.2875 469.5125

Hardee's 30.84 31.00 35.02
151.685 151.805 464.0125
469.0125

Kentucky Fried Chicken 31.00 170.305 457.5375
457.5875

Taco Bell 30.84 154.57 465.8875

Wendy's 33.16 33.40 154.515

Burger King 30.84 457.55 465.8875
467.775

5321. Help: Increase reception

Newsgroup: rec.radio.scanner
Date: 1994-11-11 23:29:41 UTC
From: soto@hous.inmet.com
Message-ID: <Cz4MLH.CoI@inmet.camb.inmet.com>
Source record: 265816

I have a portable scanner I received as a gift (Uniden Sportcat). I primarily want to listen to the aircraft band. The help I need is to increase the reception. With the regular antenna, I have to be within a mile to hear the tower and aircraft on the ground. I'm hoping to be able to receive as far as 20 miles. Is this hopeless?

Thanks in advance,

-ds

5322. Re: Cellular or cordless in 400MHz range?

Newsgroup: rec.radio.scanner
Date: 1994-11-12 00:14:07 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.182.00123CCA@chevron.com>
Source record: 265817

In article <$fmmkWPq5TcS073yn@pentagon.io.com> radix@pentagon.io.com (Sikkid) writes:
>While using the search mode on my old pro-2021, I came across what
>appeared to be telephone calls in the 400-500MHz range (not sure exactly
>what freqs, this was a few days ago...). Just out of curiosity, was this
>cellular, cordless, or what? I was under the impression that cellular
>was limited to the 800MHz range, and cordless to the ~40 (I think...) and
>900 ranges, and haven't ever heard of either in the 400MHz range.
> -sikkid@axpvms.cc.utexas.edu

There are full duplex, radiotelephone applications that run in the 400-500
range. Some are for rural (really rural) telephone services where there are
no telco facilities. Others are just commercial land mobile. I have been
told there are UHF (400-500) "airphone" operations - you may have been hearing
a phone call from an airliner.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

5323. Re: PHILLY scanner newsgroup created

Newsgroup: rec.radio.scanner
Date: 1994-11-12 01:15:10 UTC
From: tjarey@aol.com
Message-ID: <3a14uu$9aj@newsbf01.news.aol.com>
Source record: 265636

Great news Chuck. I look forward to being around the new group

5324. HELP, I want to buy a handheld!

Newsgroup: rec.radio.scanner
Date: 1994-11-12 02:15:31 UTC
From: David Gustafson <davgus@delphi.com>
Message-ID: <x2328YT.davgus@delphi.com>
Source record: 265818

I want to get a handheld scanner before the easily mod-able ones are
no longer being sold, but I dont know much about them. I have heard
lots of good things about the Radio Shack ones so I have decided on
one of them. I dont really want to spend the $349.99 on the pro-43,
is it really worth the money? or should I just get one of the
$299.99 models like the pro-51 or pro-62? I guess what I really
need is for somebody to make a list of Radio Shack handhelds from
best to worst (meaning most hackable, I wanna hear it all) including
the models not in the '95 catalog because the store I plan to
buy it from has a lot of handhelds overstocked from previous years.
Also, is there a place I can buy discounted radio shack scanners
from? I heard about a place in texas that sells radio shack stuff
cheap but I havent called yet. Any help will be greatly appreciated.
Thanks,
-Dave

5325. Pro-36 problem

Newsgroup: rec.radio.scanner
Date: 1994-11-12 02:43:09 UTC
From: EPTP52A@prodigy.com
Message-ID: <3a1a3t$3g2q@usenetp1.news.prodigy.com>
Source record: 265632

I have had a Pro-36 fora couple of years now. I recently went to plug it into the wall and it wouldn't get power. It also will not work off of the car power anymore. However, It works fine off of batteries. What might my problem be and is it expensive? Of course, continuing to purchase batteries will get up there too.

-
MIKE BEERS EPTP52A@prodigy.com

5326. Re: "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-12 03:22:10 UTC
From: fritza@iquest.net
Message-ID: <fritza-1111942222100001@ts1-blk-14.iquest.net>
Source record: 265633
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur

In article <Cz0Hw0.B44@tyrell.net>, athena@tyrell.net (athena) wrote:

> (Schaffer was also the inventor of the wireless electric guitar in his
> late twenties, and the article claims he was a skilled ham-radio operator
> since age 8.)

Sure enough... From the callsign server (telnet://callsign.cs.buffalo.edu:2000):

Call-Sign: N2KS Class: EXTRA
Real Name: KENNETH B SCHAFFER Birthday: OCT 19, 1947
Mailing Address: 21 WEST 58TH ST, NEW YORK, NY 10019
Valid From: SEP 1, 1987 To: SEP 1, 1997

--
Fritz Anderson WT9T Indianapolis, Indiana
<fritza@iquest.net> 317/257-2227
This post has nothing to do with Canter, Siegel, or Green Cards.

5327. Advice: A good desktop model

Newsgroup: rec.radio.scanner
Date: 1994-11-12 03:50:54 UTC
From: g9153402@huey.csun.edu
Message-ID: <3a1e2u$pll@nic-nac.CSU.net>
Source record: 265635
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Any suggestions for a good desktop shortwave radio. Something that I can neatly stack below or above my RS PRO-2006 scanner. Minimum requirements are digital, BFO, 150 khz - 30.000 Mhz, and fairly good sensitivity. Also, since I'm not made of money, it has to be below $1,000, but would prefer it even be below $500.00.

5328. Re: First Amendment? (Was: FBI director says they may pursue outlawing non snoopable crypto!)

Newsgroup: rec.radio.scanner
Date: 1994-11-12 04:06:44 UTC
From: holiday@metronet.com
Message-ID: <holiday-1111942206440001@net89.metronet.com>
Source record: 265656
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <Cyqvvn.B69@world.std.com>, mr@world.std.com (Michael J Rollins) wrote:

-> Has anyone else thought about the fact that this
-> proposal to try outlawing digital cryptography is
-> a major violation of the First Amendment? So is
-> this recently passed Digital Wiretap garbage! Why
-> are the civil liberty types rolling over for them?

The wiretap bill doesn't prevent you from speaking freely. On the other hand, yes, it's been clear to me all along that the 1st amendment protects my right to "speak" in any "language" I choose... even if that language isn't intelligible to the guy listening in.

If I speak 9th C. Anglo-Saxon on an unencrypted line, the average G-man (or jury member, for that matter) isn't going to make much out of it. What are they going to do -- pass a law requiring everyone to speak in short English sentences, carefully pronounced? Same thing if I speak 20th C. English, but filtered through a (non-Clipper) chip, as far as I can tell....

--
Matt Holiday
holiday@metronet.com "Proud owner of an unregistered computer."

5329. Re: FOR SALE- ICOM R7100-Unblocked

Newsgroup: rec.radio.scanner
Date: 1994-11-12 04:43:06 UTC
From: glennh@pnw.net
Message-ID: <3a1h4q$4dv@cascade.pnw.net>
Source record: 265637

Richard Crisp (crisp@netcom.com) wrote:
: In article <39n39r$23i@newsbf01.news.aol.com> johnr66374@aol.com (JohnR66374) writes:
: >In article <39lfr4$iba@panix.com>, dube@panix.com (Brian Dube) writes:
: >
: >I'll give you $500.00

: $525 here!

Heck, I'll go $550! Best offer so far...do I get it??

--
Glenn Hansen - KB7PKC
<glennh@pnw.net>
Tacoma, Wa

5330. Re: VOTE TUESDAY to end the Democratic Stranglehold on Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-12 04:50:05 UTC
From: glennh@pnw.net
Message-ID: <3a1hht$4mm@cascade.pnw.net>
Source record: 265638
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

God Bless America, the Democratic strangle-hold is over! Can't wait for the sweeping changes now that we threw the bums out. HAHAHAHHAHAHAHAHAHAHA!!!!
--
Glenn Hansen - KB7PKC
<glennh@pnw.net>
Tacoma, Wa

5331. Sale Pro-2021

Newsgroup: rec.radio.scanner
Date: 1994-11-12 04:59:46 UTC
From: jamesb@clark.net
Message-ID: <3a1i42$qrs@clarknet.clark.net>
Source record: 265639

I bought an Pro-2035 so I a getting rid of my Pro-2021 scanner

Description below:

Radio Shack Scanner: Pro 2021 $150 plus s/h

Realistic Pro-2021
VHF/UHF Direct Entry Programmable 200 Channel Scanner Radio

This programmable radio is in excellent condition, yes fully functional.

You'll have access to over 23,000 frequencies!

Features include:

o Ten 20-channel memory banks
o One 10-channel monitor bank for temporary storage and priority freqs
o Rapid transfer from Monitor to Permanent Memory
o Large multi-purpose LCD shows which channels and frequencies are being
scanned, monitored, programmed, as well as the status of the channel
and operation mode of the PRO-2021.
o Provides optional two-second delay to eliminate missed replies on
any channel.
o Holds memorized frequencies with internal 9-volt battery backup

o Covers 30-50 MHz (VHF Lo)
50-54 MHz (ham radio 6m)
108-136 MHz (aircraft)
138-144 MHz (government)
144-148 MHz (ham radio 2m)
148-174 MHz (VHF Hi)
380-450 MHz (ham radio and government)
450-470 MHz (UHF Lo)
470-512 MHz (UHF Hi)
o Built-in internal speaker
o External speaker jack
o BNC external antenna connector
o 120-volt AC operation with power cord
o 12-volt DC power jack for automobiles and RVs (negative ground)

Mobile mounting bracket can be purchased at your local Radio Shack store.

Includes owner's manual and telescopic antenna.

Price: $150 plus s/h

If interested just email to jamesb@clark.net or
you can call at (410)969-7676.

If not home just leave msg on machine and I will return your call.

--
James "Alex" Brooks
{ Lightwave 3.5 / Imagine 3.0 }

5332. need help w/ mods 4 2006!!!

Newsgroup: rec.radio.scanner
Date: 1994-11-12 05:04:40 UTC
From: lepp225@news.delphi.com
Message-ID: <3a1id8$3qk@news-feed.delphi.com>
Source record: 265641

I just picked up a RadioShack 2006(non a version) and i'm looking to modify it. I heard that it is easy to do. The major mods have some thing to w/ soming thing behind the #3 key, but not sure. If any one could help me it would be good. Plus are there any other products that will help in my scanning. I'm not new to scanning , i also have a bearcat 200xlt fully modify and a Uniden 700a modify. Also if you know any ftp site i should check out. PLEASE POST then here or e-mail it to me. Thanks in advance!

mike
lepp225@delphi.com

5333. Re: Need advice on putting antenna in attic

Newsgroup: rec.radio.scanner
Date: 1994-11-12 05:11:43 UTC
From: domonkos@access.digex.net
Message-ID: <3a1iqf$hrh@news1.digex.net>
Source record: 265630

In article <jschribr.784451567@crash.cts.com>, jschribr@crash.cts.com (Jeff Schriber) says:
>
>I live in a condo and so I can not put a scanner antenna on my roof.
>The next best thing I figure would be to put an antenna up in the
>attic. I'm thinking of getting a discone because of its wide frequency
>coverage and omnidirectional properties. In the Grove catalog they
>sell a discone with an additional vertical element to enhance 30-50MHz
>coverage for $85 plus shipping. Radio Shack has a discone without the
>vertical element for about $55. Would that vertical element greatly
>enhance low band reception (especially cordless phone)?
>
>Any and all advice regarding attic antenna installation, the questions
>I raised above, or general antenna information would be greatly
>appreciated.
>
> Jeff
> jschribr@cts.com

Go with the Grove discone, it'll outperform the RS antenna due to
the extra element. I use the RS multiband vertical in my attic and it
works great. I live on a hilltop, so that helps too.

Andy

5334. Re: Caller ID experiment results

Newsgroup: rec.radio.scanner
Date: 1994-11-12 05:28:57 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <784603910@f747.n115.z1.ftn>
Source record: 265393

-=> Quoting Shalom to All <=-

Sh> From: septimus@acsu.buffalo.edu (Shalom)
Sh>
Sh> In article <39k2qh$lb5@newsbf01.news.aol.com>,
Sh> Shawn4sk1 <shawn4sk1@aol.com> wrote:
>I tried to do a basic Caller ID experiment being it makes for a great
>weekend education project... A phone cord consists of a red (power?),
>black (ground?), yellow and green wire and the RCA jack consists of a red
>(positive) and a black (ground)... How to wire this all up together? I
>didn't have a clue. I tried a few ways, keeping black and black connected
>and attempting to call myself after connecting the various phone cord
>colors to the red RCA wire. None of them phased my Caller ID box.
>
Sh> (snip)
>Shawn
Sh>
Sh> The wires you are using aren't the right pairings. The red goes with
Sh> the green, and the yellow with the black. I believe the red is the
Sh> negative and the green is the positive (go yell at Western Electric for
Sh> reversing the conventional red=hot arrangement). At one time the yellow

<< truncated >>

The red and green pairing is correct. Interesting story on the reason
for reverse voltages. To keep it short, the reason for reverse voltage is
that corrosion doesn't develop on the wiring.

Jerry

5335. Re: Need recommendation on the pro-43 mods ...

Newsgroup: rec.radio.scanner
Date: 1994-11-12 05:33:46 UTC
From: donw@crash.cts.com
Message-ID: <Cz53GB.MtK@crash.cts.com>
Source record: 265823

Vidiot (vidiot@bga.com) wrote:
: Okay, let's see...heck I'll do it for $2.99 and I'll even throw in a
: set of 'ginsu' steak knives :^) -how's that?

: *This offer subject to end without notice at any given without cause or
: provacation.*

: --
: ----
: **********vidiot@bga.com**********
What can anyone do for a Radio Shack PRO-46

Does anyone have a concise listing for San Diego Frequencies? The book I bought has every possible frequency listed, but doesn't identify the ones actually used here.

Don Williams
La Jolla, CA
donw@crash.cts.com

5336. for sale bearcat 890 with tone board

Newsgroup: rec.radio.scanner
Date: 1994-11-12 05:37:08 UTC
From: dmaxwell@hookup.net
Message-ID: <dmaxwell.4.2EC45484@hookup.net>
Source record: 265628

```
for sale bearcat 890 with ctcss tone board.used less than 2 hrs.just like
new.reg$700.00plus canadian,will sell for $500.00
dmaxwell@hookup.net
--------------------------------------------------------------------------
David R. Maxwell dmaxwell@hookup.net
519 449-5733
--------------------------------------------------------------------------
```

5337. Re: Scanners in Planes

Newsgroup: rec.radio.scanner
Date: 1994-11-12 05:40:44 UTC
From: Chris Hall <chall@server0>
Message-ID: <Pine.SUN.3.91.941112003508.27338E-100000@server0>
Source record: 265642

>
> Yep...Here we go again. <g> If it isn't this, it's whether it's OK to
> bring scanners on airplanes.
>

I understand that when you receive with your walkman at 88MHz, it is
transmitting about ten MHz above 88 (or whatever it is for your radio)
which (in theory) would be 98.0 . If you listen to 108.0, it would be
118.0 which is the aircraft's frequencies. My question: why do radio's
transmit like that?

5338. Re: Get a life

Newsgroup: rec.radio.scanner
Date: 1994-11-12 05:59:35 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <784603911@f747.n115.z1.ftn>
Source record: 265399

-=> Quoting charlie cremer to All <=-

cc> From: cremer@delphi.com (charlie cremer)

>" YOU CANT ORDER BIG MACS AT TACO BELL DING DONG
>
>Who's the ding dong ? Nowhere does the thread limit one to Taco Bell.
>
cc>
cc> I like my Ding-Dongs with taco sauce.
cc>
cc> Are we having fun yet?

Hostess Ding Dongs? I believe they're in the business band. <g>

Jerry

5339. sc150 sportcat

Newsgroup: rec.radio.scanner
Date: 1994-11-12 06:09:28 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <784603912@f747.n115.z1.ftn>
Source record: 265392

-=> Quoting skew to All <=-

sk> From: alacy@skew.com (skew)
sk> Keywords: sportcat, sc150
sk>
sk>
sk> To all SPORTCAT owners:
sk>
sk> I was playing today, and decided to make a stab at opening
sk> the SC150's cell range. I cut EVERY jumper in the damn thing,
sk> with nil results. The wierd thing is, even with ALL the jumpers cut,
sk> it still operates as normal. Odd. Well, if anyone can figure anything
sk> out by this, please let me know!
sk>

Do at your own risk.

Why not try the diodes next? <g>

Just kidding, just kidding...all though it does take some brass ones to
start clipping at random.

Jerry

5340. Re: Strange (?) reception - PRO34

Newsgroup: rec.radio.scanner
Date: 1994-11-12 06:18:27 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <784603913@f747.n115.z1.ftn>
Source record: 265397

-=> Quoting Goeran Lowe to All <=-

GL> I also have a pro-34 but have never had any such problems with it.
GL> My guess is that some stage is self-oscillating in your receiver too.
GL> If it's microphonic when tapping on the cabinett it indicates that
GL> it's generated by some LC-circuit in the radio.

Hi, Goeran...

When I used to own the '34, I remember having a problem in the 800 Mhz region. When the volume was turned up, I would get a howl during the transmission. Somehow, the sound was feeding back into the oscillation circuits to create the howl. After taking apart, I tapped around on the radio and found exactly what you described, a microphonic sound in one of the coils. Slipped a piece of foam on it and solved the problem.

What do you like to listen to out there in Sweden?

Jerry

5341. Re: Strange (?) reception - PRO34

Newsgroup: rec.radio.scanner
Date: 1994-11-12 06:19:40 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <784603914@f747.n115.z1.ftn>
Source record: 265398

-=> Quoting Jeff Valley to All <=-

JV> From: valleyj@romulus.housing.fsu.edu (Jeff Valley)
JV>
JV> Goeran Lowe (e90gl@efd.lth.se) wrote:
JV> : When they switched from 80 MHz to a trunked system in the 400 MHz
JV> band
JV> A trunked system in the 400Mhz band? Does the FCC know about this?
JV>
JV> Jeffrey Valley
JV> valleyj@romulus.housing.fsu.edu
JV>

The FCC could care less. If you look at the origin, you would find the
message is from Sweden.

Jerry

5342. What is ACARS ??

Newsgroup: rec.radio.scanner
Date: 1994-11-12 06:36:06 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <784603915@f747.n115.z1.ftn>
Source record: 265396

-=> Quoting christopher shustak to All <=-

cs> From: shustak@parkcomm.iii.net (christopher shustak)
cs>
cs> Could someone tell me what ACARS is ??
cs>
cs> Chris

Hi, Chris...
Can't find the article that was in Monitoring Times on this, but it is basically used by airplanes. It is a form of data that is sent between the plane and the tower. You may hear some signals in the 130 to 131 range, I believe.

Jerry

5343. Re: VOTE TUESDAY to end the Democratic Stranglehold on Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-12 06:45:01 UTC
From: danm@pnw.net
Message-ID: <3a1o9d$7uu@cascade.pnw.net>
Source record: 265734
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <3a1hht$4mm@cascade.pnw.net>, Glenn Hansen <glennh@pnw.net> wrote:

>God Bless America, the Democratic strangle-hold is over! Can't wait for the
>sweeping changes now that we threw the bums out. HAHAHAHHAHAHAHAHAHAHA!!!!

Hansen, your blatantly toadyish attempts to suck up to the new
power structure identify you as a running dog lackey of the totatlitarian
partisans who work so hard to undo the accomplishments of Our Glorious
Leader. You are quite obviously a counter-revolutionary element and
poorly schooled in the glories of Bill Clinton Thought. You must go to
the Political Reeducation and Corrective Labor Camp to purge your thoughts
of such anti-social tendencies. You are a Politically Incorrect
Cow-Demon! Your treachery shall be reported to the Central Committee of
the Pierce County Congress Of People's Deputies. You will soon learn that
the anger of the People's Democratic Republic of Washington is nothing to
sneer at!

--
==
+ Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ... +
+ Auburn, WA | and whoever is playing against the New York Mets! +
+ GEnie:D.MORISSEAU |I-NET:danm@andes.pnw.net (pref) OR danm@prostar.com +

5344. Re: "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-12 07:03:49 UTC
From: josephl@clark.net
Message-ID: <3a1pcl$b9q@clarknet.clark.net>
Source record: 265631

: "Hey Kenneth, What's the Frequency"

137.5000 MHz

Joseph A. Liu

Yea, though I walk through the valley of the shadow of death,
I shall fear no Evil. For Thou art with me...
Yea, though I live in the most decadent amoral society on Earth,
I shall fear no Evil. For the Republicans have just taken Congress...
****

5345. Re: FREQUENCY INTELLIGENCE DIRECTORY

Newsgroup: rec.radio.scanner
Date: 1994-11-12 07:13:03 UTC
From: bsherman@sefl.satelnet.org
Message-ID: <3a1ptv$s0m@sefl.satelnet.org>
Source record: 265645

In <39mfsu$l1c@mailer.fsu.edu> valleyj@romulus.housing.fsu.edu (Jeff Valley) writes:

>JEFF SEALE (JEFF_SEALE@bitstream.mpls.mn.us) wrote:
>: Is this a book or a disk?

>I read about it in the newspaper when the author was arrested for digging
>around in the dumpster of a Motorola plant something like that. I think
>that it is a published book. I'd sure like to get a copy of it. If
>anyone knows where to get it, I hope you'll share the info with the rest
>of us.

Since the author of the book still sits as a federal prisoner in a
Ft. Lauderdale jail (it's been 2 months, and still no bond has been set,
lots of things have happened since the original dumpster arrest), I
doubt that there are many issues around to be purchased. Even if/when
he gets out, the feds took all of his computers, and the files kept
with them, and they included all of the information and files used to
publish the book so it will be a long time before there could ever be
a new update of the book.

--
bsherman@satelnet.org

5346. Warwick, NY PD freqs.?

Newsgroup: rec.radio.scanner
Date: 1994-11-12 07:44:23 UTC
From: kz2l@delphi.com
Message-ID: <9411120242591.The_Win-D.kz2l@delphi.com>
Source record: 265824

What are current frequencies for the Town of Warwick (Orange County, NY) Police? I know that they used to use 39.2 MHz (Base) and 39.26 MHz (Mobiles) but it seems that they have made a change. Thanks in advance.

Ken Coyne

5347. PRO-39 mods

Newsgroup: rec.radio.scanner
Date: 1994-11-12 09:18:30 UTC
From: s9ubjf@jazzman.fnma.com
Message-ID: <1994Nov12.091830.17973@almserv.uucp>
Source record: 265683

I purchased a PRO-39 about 2 weeks ago, and was courious what mods
are available for this unit. I feel that I am pretty intelligent in the electronics
field. So I feel comfortable in doing the mods myself. However if need be I will
take it to someone to be done. The scanner is a 200 channel Hyperscan with the
following frequencies available: 30-54, 108-136.975, 137-174, 380-512,
806-823.9375, 851-868.9375, 896-960MHz. You can e-mail me here or call my
pager at (202)515-7079. I work from 11:00pm - 6:30am, if it more convienent.

Bruce

Don't blame me, I didn't vote for President Clinton or HER husband.

5348. Pro 2032 mods

Newsgroup: rec.radio.scanner
Date: 1994-11-12 09:40:39 UTC
From: kkearney@blkbox.com
Message-ID: <3a22in$frl@news.blkbox.com>
Source record: 265653

Just picked up a R/S Pro 2032 and need the mod for it....Tks

5349. Formula 1 - Grand Prix Freq's

Newsgroup: rec.radio.scanner
Date: 1994-11-12 10:27:58 UTC
From: alomes@camtech.com.au
Message-ID: <alomes.45.000A77AD@camtech.com.au>
Source record: 265671

Is anyone aware of what the F1 teams do in regard to Freq allocations in the various countries they visit ... For instance are the frequencies they use in the UK the same as they use whilst down here in Australia.

Any info regarding this and actuall freq's would be greatly appreciated.

Darren Alomes

5350. Re: VOTE TUESDAY to end the Democratic Stranglehold on Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-12 11:33:13 UTC
From: grady@netcom.com
Message-ID: <gradyCz5K3E.G0H@netcom.com>
Source record: 265650
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Obviously too much heavy metal ingestion from tailings of the old smelter.

--
Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com

The voters have just sent a clear message to Congress: "We're idiots!"

5351. Re: AR 8000

Newsgroup: rec.radio.scanner
Date: 1994-11-12 12:07:21 UTC
From: Victor Healey <vhealey@crl.com>
Message-ID: <3a2b5p$6kt@nntp.crl.com>
Source record: 265669

> Only a few weeks old, AR8000.
>
> Will only be happy to post this to a UK address.
>
> Offers.
>
> Kevin

What did you find that you did not like so that you
are selling it?

5352. Re: Secret service freq, president

Newsgroup: rec.radio.scanner
Date: 1994-11-12 12:55:16 UTC
From: gazerz@aol.com
Message-ID: <3a2dvk$gve@newsbf01.news.aol.com>
Source record: 265652

About three/four weeks ago Clinton visited NYC. The log below was the
night Clinton was leaving NYC.
This log was uploaded to a number of members on AOL who are into Scanning.

Enjoy....

Robbie ;D

The following is a key to some of the frequencies.
* = Used by the USSS (United States Secret Service).
+ = Used by the USSS, WHCA (White House Communications Agency) and the
White House Staff.

Freq. Identifier Time

167.025 Whiskey 18:30 'Primary Paging'
165.375 Charlie 18:40 * 'National Primary' "We have Albany"
166.510 Alpha 18:52 "Radio check"
167.025 Whiskey 18:58
167.025 Whiskey 19:05
167.025 Whiskey 19:10
165.785 Baker 19:17 * 'Escorts' (Static)
164.885 Oscar 19:50 + (Static then heard, "Call 8875")
165.375 Charlie 20:00 * "OK. At your convinence call 2908."
166.700 November 20:02 + "Anwser if you're there. Anwser."
166.700 November 20:09 + "Dial the operater. (static) Dial the
operater. (static) Shemp."

165.375 Charlie 20:15 * (static)
167.025 Whiskey 20:19
166.510 Alpha 20:23 (static)
165.785 Baker 20:44 * "Alright. Give me a call before you call
that. I have a new iteam for you."

165.375 Charlie 20:51 * "Baboos, Baboos. Please report to the
security room."

165.375 Charlie 20:52 * "Baboos."
165.375 Charlie 20:52 * "You have to talk to Baboos at the
airport
security room."

166.700 November 21:01 + "Dial operater three times."
165.785 Baker 21:05 * "We have a three car procedure."
165.375 Charlie 21:14 * "Any possible time you can give him a
call."
165.375 Charlie 21:14 * "Can you switch over to Mike."

407.850 Echo 21:28 Ground-to-air WHCA mobile link
(static)

The next transmission was only a one-way conversation at my end. The conversation started at 21:31 and ended at 21:37
407.850 Echo 21:31 "Carter? It was medium raw. We could pump it up.
(static) Yes...Ed fingers. (static) Yes. National Republic Debate. (static) I have to leave at 9 for the debate. (static) Jack Kennedy Governor I believe (static) Yes. (static)We have the sewer lines installed (static)What time is the event. (static) How do you run the trips. (static) I'll talk to you when I get back, Carter. (static) Bye.

164.885 Oscar 21:38 + (static)

5353. Re: PURDUE airport frequencies wanted

Newsgroup: rec.radio.scanner
Date: 1994-11-12 14:49:51 UTC
From: an678@FreeNet.Carleton.CA
Message-ID: <Cz5t74.AML@freenet.carleton.ca>
Source record: 265654

In a previous article, bap@storm.atms.purdue.edu ("Bret A. Pennington") says:

>Does anyone have frequencies for PURDUE airport and
>police?

Here's the frequencies for the Purdue airport...

123.850, 393.000 - Approach Departure (Lafayette)
127.750 - Auto Terminal Information Service
119.600 - Commercial Traffic Advisory Freeuqnc
121.900, 393.000 - Ground Control
119.600, 393.000 - Tower
122.950 - Unicom Station
122.200, 122.350 - Flight Service Station

Also, the ARINC Enroute Stations are: 128.950, 131.025, 131.200, and
132.000.

Sorry I can't help you on the police!

Bob

5354. Re: need help w/ mods 4 2006!!!

Newsgroup: rec.radio.scanner
Date: 1994-11-12 14:50:37 UTC
From: g9153402@huey.csun.edu
Message-ID: <3a2knt$ccp@nic-nac.CSU.net>
Source record: 265657

LEPP225@DELPHI.COM (lepp225@news.delphi.com) wrote:
> I just picked up a RadioShack 2006(non a version) and i'm looking to
> modify it. I heard that it is easy to do. The major mods have some thing
> to w/ soming thing behind the #3 key, but not sure. If any one could help
> me it would be good. Plus are there any other products that will help in
> my scanning. I'm not new to scanning , i also have a bearcat 200xlt fully
> modify and a Uniden 700a modify. Also if you know any ftp site i should
> check out. PLEASE POST then here or e-mail it to me. Thanks in advance!
> mike
> lepp225@delphi.com

Here are the mods I have that I ftp'd from oak.oakland.edu:

From: rats@ihlpm.UUCP

PRO-2006 Modifications

NOTE: The Electronic Communications Privacy Act of 1986 makes it
unlawful to monitor mobile telephones, including cellular. The following
modification is intended only to restore continuous 760-1300 MHz
coverage as originally provided by the design of the PRO-2006
microprocessor.

BE SURE TO TEST YOUR PRO-2006 FULLY BEFORE ATTEMPTING THIS
MODIFICATION. ANY MODIFICATION MAY VOID YOUR WARRENTY.

824-851, 869-896 MHz Frequency Restoration

Tools Required: small Phillips screwdriver, small wire cutters.

Procedure: With the power cord unplugged, remove the two rear
cabinet screws holding the upper cover. Lift off the upper cover,
being careful not to stretch the speaker leads. Examine the inner,
right-hand-corner of the front panel to find two glass diodes, labelled
D503 (upper diode) and D502 (lower diode).

Using the clippers, very carefully snip the visible lead of the lower
diode (D502) at its bend and slightly separate the cut ends. If it is
ever necessary to send the radio back for warrenty repair, the diode
leads should be carefully resoldered.

Reassemble, plug in AC cord, turn on scanner, and press RESET.

Keyboard Beep Delete

With the top cover removed as described above, locate connector CN3,
a 15-pin connector with colored wires at the front of the main circuit
board. There are two precedures which will stop the beep tone from

being heard through the speaker; read both to decide which procedure you want to follow.

(1) Find the center grey wire coming from CN3 and cut it midway to disable the beep tone. You may wish to solder a resistor in series to reduce the beep volume, a trimpot to vary the volume of the beep tone, or a minature switch to choose between beep and no beep.

(or)

(2) Using a pair of needle-nose pliers, CAREFULLY pry the plug from CN3, revealing a row of pins. Locate the center pin (#8) which corresponds to the grey wire and bend it down flat, disabling the beep circuit. Reinsert the plug. The pin may be erected again later to restore the beep tone if desired.

This completes the restoration procedure. Reattach the cover and replace the screws.

WARRANTY REPAIR

Should it be necessary during the first year of ownership of your new PRO-2006 to exercise your warrenty, it should be carefully double-boxed (as you received it) and returned to Grove Enterprises. Be sure to include a copy of the original bill to establish warranty privileges.

You must prepay only shipping and insurance; return shipping and insurance to you will be paid by the dealer.

Grove Enterprises, P.O. Box 98, 140 Dogbranch Road
Brasstown, NC; 1-704-837-9200

pas@jupitercmc.ca (Peter Stokes)
Date: Tue, 27 Oct 1992 18:38:46 GMT
Reply-To: pas@jupiter.ic.cmc.ca
Sender: usenet@venus.ic.cmc.ca (News Administrator)

nguyen@aladdin.eng.hou.compaq.com (Nghia Nguyen) writes:
|>
|> Has anyone tried the Scanning Speed Mod on the PRO-2006.
|> Any side-effect? A guy from Marymac told me the mod
|> increases scanning speed significantly.
|> nvn

There are two diodes behind the "3" key on the keypad.
Clipping one restores cellular, clipping the other
increases scan speed by about 13%. I did this to my
Pro-2006 after the warranty expired and did indeed measure
a 13% scan and search speed increase. I don't think
this has had any adverse effects on the radio although
its theoretically possible that the increased scan speed
might cause the radio to miss some carriers - but this
is purly speculation on my part.

Cheers,
Peter

Peter A. Stokes ~~~~~~~~ pas@jupiter.ic.cmc.ca ~~~~~~~ (613) 545-2923 ~~~~~
~~~~~~

From: thieleke@icaen.uiowa.edu (Jeffrey Ray Thieleke)
Date: Wed, 28 Oct 1992 01:23:09 GMT

horak@convex.com (David Horak) writes:

>pas@jupitercmc.ca (Peter Stokes) writes:

>>There are two diodes behind the "3" key on the keypad.
>>Clipping one restores cellular, clipping the other
>>increases scan speed by about 13%. I did this to my

>What about the crystal mod. The Pro-2004 and Pro-2005 could be revved up
>with a faster crystal. According to the Scanner Mod Handbook #2 (by Bill
>Cheek), it is theoretically possible to increase the Pro-2006 in the same
>manner, although he warns that he hasn't personally tried it. Since it
>already scans *much* faster than the 2004/5 (Hyperscan) with a 12 MHz
>crystal, he cautions that it may or may not work. HAS ANYONE TRIED A
>CRYSTAL FASTER THAN 12 MHZ IN THE PRO-2006?

Yes, I have done the Crystal mod. I used a 16.630 MHz crystal from an old
cordless phone (no bull), and I got a big speed increase (approx. 46 channels
per second). I tried several different crystals, ranging from 16MHz to 39MHz,
and my results seem to indicate that the highest crystal freq. should be about
18 MHz. If the crystal is too fast, the 2006 just uses the 3rd harmonic (ie
a 39MHz crystal operates like a 13Mhz.)

From: ross@novax.llnl.gov

>The Scanner Mod Handbook #2 says to replace the 12 MHz crystal with something
>>faster; however, the author, Bill Cheek, says he hasn't actually tried it. I
>>haven't either, although I'd be interested in knowing if it is a successful
>>mod.
>

Welgang, right after I got my Mod handbook 2, I tore into my 2006. At first I
tried a 20 MHz xtal, the processor locked up and not all the LCD display
segments were happy (I had already done the diode clip speed mod). So I tried
an 18 MHz xtal, same problems. I contacted Cheek (the author) and he reported
that 16 MHz was the safe upper limit as he had seen no lockups at that speed
and higher speeds had produced lockups on SOME units.

So I changed xtals again. The 16 MHz runs fine without any loss of sensitivity
and I find enough delay left to still be able to use it (a faster
microprocessor xtal shortens delay time).

My favorite 2006 mod is a wired remote control (Monitoring Times Aug 91 - Bill
Cheek). I added a few extra parts and can control the following functions from
~~~~~~

a sixfoot detachable cord: Scan, Manual, Search up, and Search down. Searching is a snap when you can't reach the keyboard or it is dark.

Gary

From: IN%"horak@eugene.convex.com" 7-NOV-1992 11:49:43.95
From: horak@eugene.convex.com (David Horak)
Subject: RE: PRO-2006 Scanning Speed Mod.

Well, I changed the crystal in my Pro34, which is the same type of crystal and harder to get to than the 2006; however, I haven't changed the 2006 crystal yet. Some of the following instructions come from the Scanner Mod Handbook Vol. 2 on removing the logic board. Please read it all before doing anything. If you royally screw up your scanner, IT IS NOT MY FAULT!!!!!

Before you start anything, make sure you are at a static safe workstation. Unplug the A/C power cord. Remove the top and bottom covers. Remove the 4 countersunk machine screws from thesides of the front panel, then gently pull the panel away from the main chassis. All wires and cables will have to be disconnected from the top and bottom of the logic board (the board that the crystal is on). This will cause your memory channels to be lost and you will have to reprogram them :-((If you can work around it, you could leave CN-3, a 15 wire connector, connected to save your memories). At this point you may have to desolder a ground wire from the chasses going to the bottom of the logic board metal shield. Next, remove 6 small screws that secure the logic board to the front panel. Then, face the inside of the front panel placed in an upright position and locate the white 13-pin connector (CN-501) at the upper left corner of the board. This connector doesn't have any wires, just metal pins going into it. Gently pry this connector apart with a small flat blade screwdriver and the board should slip away from the plastic front panel and come loose in your hand. Also, you may need to remove the volume and squelch knobs. Desolder the metal shield at six places around the logic board and lift it up and off the board. This is fairly easy to do with a low wattage soldering iron. Apply pressure with your fingers while the shield is heated at each leg. As the solder melts, that leg of the shield will slip upward and pop free. Now there are two choices. If you have an air sucking soldering iron, you can procede to desolder each of the three leads. If you have a normal iron, this will be impossible. The remaining choice is to crush the crystal with a pair of needle-nose pliars until only three leads remain sticking up off the board. Then you can heat and remove each of the three leads. The center lead is ground. You will only use the outer two leads when installing the new crystal. It would be a good idea to insulate the body of the crystal with shrink tubing (whatever you do, don't use electrical tape!) to avoid it shorting out to another component. The crystal will have to be bent over so that the metal shield can fit back on top of the logic board. Before you completely hook everything back together, get the

scanner in a usable state and make sure it works. It would be a real bummer to tear it all apart because something is wrong.

Hope this helps,

David

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alt.radio.scanner
Subject: Pro2005/6 SSB MOD HERE!
From: horak@convex.com (David Horak)
Date: Mon, 31 May 1993 18:04:59 GMT

I had a few requests for this mod so I thought everyone would benefit...

This is the mod for adding SSB capability to your Pro2005/2006. It is taken in part from Bill Cheek's Scanner Mod Handbook Volume 1. As long as you have a shortwave receiver with an external antenna jack and capability to tune to 455 KHz, you can interface it to the Pro2006 with this mod. It is best if you use a static safe work environment to perform this mod and you should have some technical knowledge. Also, a schematic would be helpful but is not necessary.

You will need the following parts:

Output jack (I use a 1/8 mini earphone jack but some like a BNC. The 1/8 mono jack is easier to install because you don't have to drill as big a hole in the back of the unit)

.01 uF capacitor

5 Kohm resistor (1/4 watt)

6 inches of mini coax or other shielded cable

A cable to run from the 2006 to your shortwave. I use the shielded cable that has the 1/8 plug on one end and a phono plug on the other end (1992 catalog Radio Shack P/N 42-2444 works for me). The phono plug is perfect for the antenna input of my DX440 shortwave receiver.

The first step is to remove the cover of the unit and drill a hole in the back of the 2006 for your 1/8 or BNC plug. (You will want to wrap some tape around the drill bit about an inch from the end to keep it from cruising right on into the electronics once it punches through the metal!) Solder the 5K resister to one end of the .01 uF cap. Solder the other end of the cap to the shielded coax wire. Solder the other end of the coax to your 1/8 phono plug (or BNC) and ground the cable at this end. Now that the cable is in place you are ready to connect it to the 455 KHz source which is D33. It is on the top circuit board near the middle left, not too far from a huge capacitor. Solder the end of the resistor to the cathode of D33. (This should be the top of the standup part) Now you can test it out before you put the cover back on to make sure you did everything correct. You should be able

to tune to some local airport or CB frequency on your 2006 and receive the same thing on your shortwave (with it tuned to 455 KHz and hooked up to the 2006 of course). If you tune something on your scanner that is SSB, you should be able to switch your shortwave to SSB and tune in the signal just fine. Beware of one thing, since the 2005/6 only tunes in 5 KHz increments minimum, you may notice from time to time that the signal on your shortwave isn't real clear. It may be that you will need to tune the shortwave anywhere from 451 to 459 KHz to tune in the signal well!

If you don't succeed or this description has you baffled you probably shouldn't be doing the mod in the first place. I assume no responsibility for screwups. Good luck

David

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Compiled for garfield.catt.ncsu.edu, world.std.com and other FTP servers by:

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

5355. Improve the Squelch in Your Monitor Receiver

Newsgroup: rec.radio.scanner
Date: 1994-11-12 15:06:08 UTC
From: parnass@ihlpf.att.com
Message-ID: <Cz5ty8.D66@nntpa.cb.att.com>
Source record: 265667
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info,sci.electronics.repair

last changed November 12, 1994 |

IMPROVE THE SQUELCH IN YOUR MONITOR RECEIVER

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of | the author.]

The squelch control in some FM monitor receivers is difficult to use because of too much hysteresis. The American Heritage Dictionary of the English Language defines hysteresis as the:

o "Failure of a property changed by an external agent to return to its original value when the cause of the change is removed."

It's like having play in a car's steering wheel, or backlash in a gear set. Too much hysteresis in a squelch circuit forces one to keep the squelch at a tighter setting, missing weaker signals when scanning or searching. The squelch hysteresis problem was first addressed in a 1984 article about the Radio Shack PRO-24 crystal controlled scanner.

Why do engineers design these circuits with any hysteresis? Basically, hysteresis prevents weak signals from "popping" the squelch open and closed rapidly, which would be very annoying to the listener. A squelch circuit with hysteresis requires a stronger signal to open the squelch than it does to keep it open.

Models cursed with too much hysteresis include the Bearcat 800XLT, Radio Shack PRO-2003, PRO-2004, and others. Don't despair, the fix is simple for most radios. Unfortunately, the Uniden/Bearcat 600XLT and 760XLT series use tiny surface mount components, which makes modification very difficult. I've successfully reduced the squelch hysteresis on other models by replacing a single resistor.

Hysteresis is usually implemented by providing feedback from the squelch gate input to output, through a resistor. The higher the resistor value, the less feedback there is,

and less hysteresis. My modification involves replacing the "stock" resistor with a higher value resistor, as identified in the table below.

This article cannot provide step-by-step instructions for each radio. I always encourage radio hobbyists to purchase the service manuals for their equipment. The most useful sections of the manual are the schematics and printed circuit diagrams. Good manuals will also describe the theory of operation and alignment procedures, and contain a complete parts list.

If your radio has too much hysteresis, and is not listed in the table, study the service manual. Motorola MC3357, | MC3359, and MC3361 integrated circuits, which contain IF and squelch circuitry, are popular in scanners. In these receivers, look for the hysteresis resistor to be connected to these ICs.

Notes

1. The author cannot furnish modification information for other radios.

2. Don't attempt this, or any other internal modification, unless you are skilled in electronic servicing.

3. Make sure your receiver is disconnected from any power source before opening the cabinet.

Table 1. Squelch Hysteresis Resistor In Selected Receivers

Squelch Hysteresis Resistor In Selected Receivers			
Receiver Model	Designation	Resistor Value	Factory Comments
Radio Shack PRO-24	R35	33K	replace with 220K. Located between pins 12 and 14 of MC3357 (IC1)
Radio Shack PRO-2002	R197	47K	try 220K.
Radio Shack PRO-2004	R148	47K	remove R148 or replace with 220K. On linear board, between pins 12 & 14 of TK10420 (IC2)
Radio Shack PRO-2022		33K	replace 33K with 220K. Between pins 12 & 14 on IC-1 MC3361

Bearcat 220	R75 2.7M may be ok as is
Bearcat 20/20	R75 2.7M may be ok as is
Bearcat 250	R66 2.2M may be ok as is
Uniden/Bearcat 760XLT	R58 22K replace with 1M.
	Located on pin 14
	of MC3359P IC
Uniden/Bearcat 800XLT	R91 860K replace with 2.2M.
	Located on pin 14
	of MC3359P IC
Plectron P1	R81 180K may be ok as is
Plectron 700	R96 180K replace with 560K
_____	_____

References

1. "The Radio Shack PRO-24 Scanner," by Bob Parnass, excerpted in the "Technical Topics" column, RCMA Newsletter, February 1984.

2. "The Bearcat 800XLT ... an Owner's Report," by Bob Parnass, in Monitoring Times, March 1986.

3. "Product Review: The Radio Shack PRO-2004 Programmable Scanner," by Bob Parnass AJ9S, in The Radio Enthusiast, February 1987, and Monitoring Times, March 1987.

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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5356. New UC Berkeley freq?

Newsgroup: rec.radio.scanner
Date: 1994-11-12 15:14:00 UTC
From: gilles@well.sf.ca.us
Message-ID: <3a2m3o$jq5@nkosi.well.com>
Source record: 265655

Does anyone know the new frequencies for the University of California Berkeley? They just switched over according to a local news article.

5357. SALE: GRE Super Converter II (800Mhz)

Newsgroup: rec.radio.scanner
Date: 1994-11-12 15:47:29 UTC
From: domonkos@access.digex.net
Message-ID: <sxEnkiubGcxR066yn@access.digex.net>
Source record: 265672

Selling GRE Super Converter II handheld/base scanner converter. Converts full, UNRESTRICTED 800-912Mhz to your 400-512Mhz capable scanner. Uses existing antenna, has bypass switch, and runs off 9V battery. Works excellent. I now have three 800Mhz capable scanners and no longer need the converter. Mounts right on top of handheld scanner or behind base scanner.

$60 includes shipping.

E-mail if interested.

Andy

5358. Scramblings??

Newsgroup: rec.radio.scanner
Date: 1994-11-12 17:35:01 UTC
From: parickj4560@cobra.uni.edu
Message-ID: <1994Nov12.113501.34934@cobra.uni.edu>
Source record: 265673

Hello everyone,

This summer, we had a shooting at a gas station here. I saw it on TV
and flipped the scanner on. They were still investigating but their
transmissions were garbled.. Sorta like sideband. Anyone out there know what
this "scrambling" method is? thanks N0ZYA

5359. cordless descrambler

Newsgroup: rec.radio.scanner
Date: 1994-11-12 18:28:08 UTC
From: floater@cyberspace.com
Message-ID: <3a31fo$gm9@case.cyberspace.com>
Source record: 265658

Could someone please send me (or tell me where there at) the schematics to unscramble the cordless phones?

Thanks!

5360. Re: Cellular or cordless in 400MHz range?

Newsgroup: rec.radio.scanner
Date: 1994-11-12 18:54:42 UTC
From: tharrell@nmsu.edu
Message-ID: <3a331i$n7f@dns1.NMSU.Edu>
Source record: 265674

Sikkid (radix@pentagon.io.com) wrote:
: While using the search mode on my old pro-2021, I came across what
: appeared to be telephone calls in the 400-500MHz range (not sure exactly
: what freqs, this was a few days ago...). Just out of curiosity, was this
: cellular, cordless, or what? I was under the impression that cellular
: was limited to the 800MHz range, and cordless to the ~40 (I think...) and
: 900 ranges, and haven't ever heard of either in the 400MHz range.

What you most likely heard were older-style mobile radiotelephones, used in the B.C. (Before Cellular) era. There's also frequencies in the 152 MHz area for them (those can also be used for pagers).

Or maybe even a ham phone patch. Or business radio phone patches. Or private aircraft phones. Lotsa possibilities between 400-500 MHz.
--

| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |

5361. Re: FAA frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-12 19:08:54 UTC
From: lambrose@pnw.net
Message-ID: <3a33s6$ng3@cascade.pnw.net>
Source record: 265675

Dale Dickerhoof (daled@xetron.com) wrote:
: Can someone tell me what frequencies the FAA uses to relay
: civil aircraft communications remotely to air traffic controllers?
: (This is not the direct channels in the usual aircraft band!)

You can call your local FAA office for specific Airport frequencies and Center frequencies. If you get the Tower's frequencies, (note the plural), you can hear the tower give other frequencies for ground and departure and Center frequencies. You can also post your question to rec.aviation.misc for your area. I can get you frequencies for the NW FAA Region (WA OR ID MT WY CO UT)

Laren Ambrose
Computer Sciences Corp.
Contract to the: FAA
Airports Division, Seattle
(206) 227 2956
(or) lambrose@hq.faa.gov
(or) lambrose@csc.com

5362. Re: Denver Colorado Frequencys

Newsgroup: rec.radio.scanner
Date: 1994-11-12 19:25:13 UTC
From: lambrose@pnw.net
Message-ID: <3a34qp$nqg@cascade.pnw.net>
Source record: 265677

James K Potts (jkpotts@gdwest.gd.com) wrote:
: Newsgroups: alt.radio.scanner
: Expires:
: Sender: jkpotts@gdwest.gd.com
: Followup-To:
: Distribution: usa
: Organization: Computer Sciences Corporation
: Cc:jkpotts@gdwest.gd.com
: Subject: Denver Colorado Frequencys
: Sender: J. Potts
: Summary: Denver Colorado Frequencys Needed
: Keywords: Frequencys Colorado Denver

: I am lookinf for frequencys for the Denver Colorado area. I have a
: Police Call book but it is not detailed enough. I would like to
: know if there are any special speed trap frequencys or airplane
: frequencys used by the Highway Patrol.I am also interested in other
: interesting frequencys that would not be in the Police Call book.

: Also any other Colorado frequencys would be great.

Colorado State Patrol: F1 = 154.905 F2 = 154.665 F3 = 154.695 F4 =
154.935 (in some states it is illegal to use a scanner in a car) Try
calling the cops and fire for frequencies, also ask if the are
scrammbled and if you can use the scanner in a car. Are you interested in
Air Traffic frequencies ? Do you have an account at csc.com ?

Laren Ambrose
Computer Sciences Corp.
Contract to the: FAA
Airports Division, Seattle
(206) 227 2956
(or) lambrose@hq.faa.gov
(or) lambrose@csc.com
** My comments are from me, not the FAA or CSC **

5363. Re: 900Mhz cordless question

Newsgroup: rec.radio.scanner
Date: 1994-11-12 20:35:16 UTC
From: vontrapp68@aol.com
Message-ID: <3a38u4$m09@newsbf01.news.aol.com>
Source record: 265678

In article <36d905$116@nermal.cs.uoguelph.ca>, dretzik@uoguelph.ca (David Retzik) writes:

I live in an apartment-style complex and have yet to hear anything on the 900 cordless phones. I believe they are just too expensive. They are now coming down in price, by dropping the digital aspect of it. Making easy for us to pick up. Smile.

5364. BC250 query

Newsgroup: rec.radio.scanner
Date: 1994-11-12 20:35:34 UTC
From: dans@rehab1.UUCP
Message-ID: <1126@rehab1.UUCP>
Source record: 265716

Ive seem to have misplaced my manual for the BC 250 and have 2 questions.

1) How do you reset the "count"? It appears to top out at 99.

2) How do you toggle the tape on/off (appears as a dot in the lower left
corner). I have a few set to on and naturally their not the ones I want.

-Dan
--
|\ /|
E-Mail: dans%rehab1@canal.org 'O.O' Reading Rehabilitation Hospital
(or) : rehab1!dans@canal.org =(___)= RD 1 Box 250
Fax : (610) 796-6342 U Reading, PA 19607

5365. Don't loan your noose to a moose.

Newsgroup: rec.radio.scanner
Date: 1994-11-12 21:37:58 UTC
From: Sputnik <70473.1567@CompuServe.COM>
Message-ID: <3a3cjmldp1@mhadf.production.compuserve.com>
Source record: 265679

This is only a test. ☐☐
This is only a test. So DON'T PANIC.
The end

5366. Broward County Fl Trunking system ?

Newsgroup: rec.radio.scanner
Date: 1994-11-12 21:48:04 UTC
From: habu@gate.net
Message-ID: <3a3d6k$1d1c@tequesta.gate.net>
Source record: 265681

Does anyone know if BSO has finally made a permanent switch to there 800mhz system? I was wondering if I could go ahead and dump the Vhf 154mhz-156mhz channels.

Thanks
Mike

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

5367. Trade Pocket Cell Phone 4 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-12 21:50:44 UTC
From: "Steven W. Weinstein" <73327.3472@CompuServe.COM>
Message-ID: <3a3dbkliv1@mhadf.production.compuserve.com>
Source record: 265659
Cross-posted to: rec.radio.scanner,rec.radio.swap

I have a Fujitsu pocket commander cellular phone with 2 batteries, case, and charging stand. The phone has 99 alpha-numeric memories and is in perfect working order. I would like to trade it for a good quality hand held scanner.

5368. Re: RS-2006 Touch Tone Decoder Needed

Newsgroup: rec.radio.scanner
Date: 1994-11-13 01:10:06 UTC
From: shawn4sk1@aol.com
Message-ID: <3a3p1e$pdj@newsbf01.news.aol.com>
Source record: 265687

Yeah, the tape deck doesn't really make a difference as long as it is a pretty hot signal. I used one of those little, cheap minicassette recorders...

5369. Re: M 400 Decoders

Newsgroup: rec.radio.scanner
Date: 1994-11-13 01:21:45 UTC
From: joe@netcom.com
Message-ID: <joeCz6MG9.7y6@netcom.com>
Source record: 265688

In article <milcomCyn4Jn.BAq@netcom.com>,
>>in Florida (the name escapes me and I am too lazy to look at
>>my notebook). BOTH mentioned an upgrade to 1200/2400 POCSAG
>>may never happen....
>>
>the thing already does 1200 baud pocsag, they call it super pocsag.
>it doesnt automatically switch. The capcode display is in octal &
>it leavs off the last digit.

Not true. Only the latest release of the M400 "does 1200 pocsag"

--Joe

--

Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046

5370. A Good Antenna

Newsgroup: rec.radio.scanner
Date: 1994-11-13 01:24:46 UTC
From: prynda@esu.edu
Message-ID: <3a3psu$3v3@jake.esu.edu>
Source record: 265663

I would like to purchase an outside antenna for my scanner at my home. I can mount it to a mast on my roof that was used for an old TV antenna. I would like some info on some different brands and there prices. Any info is great.

Thanks
Sam Prynda
East Stroudsburg, Pa.

5371. Re: VOTE TUESDAY to end the Democratic Stranglehold on Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-13 01:57:26 UTC
From: glennh@pnw.net
Message-ID: <3a3rq6$6vv@cascade.pnw.net>
Source record: 265689
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Dan Morisseau (danm@pnw.net) wrote:

: Hansen, your blatantly toadyish attempts to suck up to the new
: power structure identify you as a running dog lackey of the totatlitarian
: partisans who work so hard to undo the accomplishments of Our Glorious
: Leader. You are quite obviously a counter-revolutionary element and
: poorly schooled in the glories of Bill Clinton Thought. You must go to
: the Political Reeducation and Corrective Labor Camp to purge your thoughts
: of such anti-social tendencies.

Cool, but can I take my scanner?? Anyboby got some good Camp freqs?

--
Glenn Hansen - KB7PKC
<glennh@pnw.net>
Tacoma, Wa

5372. Re: AR-2500 Control Software

Newsgroup: rec.radio.scanner
Date: 1994-11-13 02:05:30 UTC
From: perky549@aol.com
Message-ID: <3a3s9a$q5k@newsbf01.news.aol.com>
Source record: 265662

In article <779446883snz@javiaton.demon.co.uk>,
Clough@javiaton.demon.co.uk (Jonathan Clough) writes:

There are 2 programs that I am aware of, ScanCat 5.0 and ScanCat Pro, both available from Computer Aided Technologies, P.O. Box 18292, Shreveport, LA 71138 (318)-636-1234. They advertise these programs monthly in Popular Communications magazine. Hope this helps. Also, a shareware version can be downloaded off their BBS at (318)631-3082. It works a limited number of times after the first use, then requires validation. Good luck.

5373. Re: preamp

Newsgroup: rec.radio.scanner
Date: 1994-11-13 02:16:14 UTC
From: schuster@panix.com
Message-ID: <3a3ste$beu@panix3.panix.com>
Source record: 265661

Like trn keeps telling me:
*****
Start using *REC*.radio.scanner
*****

In article <941112081418272@pc-power.com>,
Michael Bond <michael.bond@pc-power.com> wrote:
>can a pre amp be used on a scanner to help bring in weak signals?

It might. But more often it makes weak signals HARDER to hear by
overloading the scanner's front end with storng signals on other
frequencies.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5374. priority pro34

Newsgroup: rec.radio.scanner
Date: 1994-11-13 03:00:54 UTC
From: larry@agora.rdrop.com
Message-ID: <Cz6r1J.M9q@agora.rdrop.com>
Source record: 265660

About Two Years ago I i\did the 800mhz mod to my Pro 34
All works Great But the Priority is lock on Ch 1 and I can Not
change it to any other ch. It works But only Ch 1.
what did I do ?
The 800mhz works Great everything works like new.
Thank you for any help!!!!!
--
Larry Holler
larry@agora.rain.com

5375. Help - RS Pro-51 Mod

Newsgroup: rec.radio.scanner
Date: 1994-11-13 03:05:14 UTC
From: sabcofan@aol.com
Message-ID: <3a3vpa$r06@newsbf01.news.aol.com>
Source record: 265665

Does anyone know if there are any modifications for the Radio Shack Pro-51 Hand Held Scanner? (Longer batt. life, Blocked Freq., Etc.)

Please Help.

sabcofan@aol.com

5376. Re: ECPA give you the right to listen to Police/Fire ?

Newsgroup: rec.radio.scanner
Date: 1994-11-13 03:31:05 UTC
From: gdallal@world.std.com
Message-ID: <Cz6sFt.H0E@world.std.com>
Source record: 265691

RotnApple (rotnapple@aol.com) wrote:
: Could somebody with the complete text look this up for all of us?

I went through my copy of the ECPA and found Section 2511,
2(g)ii,II, but I don't know what to make of 2(g)iii,I.
What *is* section 633 of the Communications Act of 1934?

UNITED STATES CODE
TITLE 18 -- CRIMES AND CRIMINAL PROCEDURE

CHAPTER 119 -- WIRE AND ELECTRONIC COMMUNICATIONS INTERCEPTION
AND INTERCEPTION OF ORAL COMMUNICATIONS

Section 2511. Interception and disclosure of wire, oral, or
electronic communications prohibited.

(2)(g) It shall not be unlawful under this chapter or chapter
121 of this title for any person --

(ii) to intercept any radio communication which is
transmitted --

(I) by any station for the use of the general
public, or that relates to ships, aircraft, vehicles, or
persons in distress;

(II) by any governmental law enforcement, civil
defense, private land mobile, or public safety
communications system, including police and fire,
readily accessible to the general public;

(III) by a station operating on an authorized
frequency within the bands allocated to the amateur,
citizens band, or general mobile radio services; or

(IV) by any marine or aeronautical communications
system;

(iii) to engage in any conduct which --

(I) is prohibited by section 633 of the
Communications Act of 1934; or

(II) is excepted from the application of section
705(a) of the Communications Act of 1934 by section
705(b) of that Act;

5377. Re: Calif. Cellular Telephones: Price =

Newsgroup: rec.radio.scanner
Date: 1994-11-13 03:32:43 UTC
From: xdab@kimbark.uchicago.edu
Message-ID: <1994Nov13.033243.21941@midway.uchicago.edu>
Source record: 265664
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

In article <9411032223592.DLITE.cremer@delphi.com> cremer@delphi.com (charlie cremer) writes:
>
>
>>The problem is you're being forced into these deals, in which often
>>the only one really benifitting from some of the onerous contracts
>>are the cellular retailers. How would you like it if grocery stores
>>started to demand that if they're going to sell you groceries at
>>a reasonable price, that you must sign a contract saying you will
>>shop there for at least a year and agree to buy so much. And if
>>you don't you'll be charged an early termination fee of several
>>hundred dollars? People would be up in arms if this was the case
>>with grocery stores, but this is what is happening with cellular
>>retailers, but is far worse if you really knew what they were up to.
>
>Ahem, you've just described a Co-Op. There are thousands of them all over
>the country. For groceries, heating and motor fuel, for farm equipment and
>for lots of other "quantity buying" deals. I ain't heard no screaming.
>

I don't understand your reference to a Co-Op in this context. Utilizing a Co-Op does not force you to sign a service agreement with it. If you can find better prices, you are quite free to go to the other provider to obtain those services or goods. This applies in all of my dealings with Co-Ops, whether they are providing groceries (in Hyde Park, Chicago), heating and motor fuel (Antelope County, Nebraska), and books (Hyde Park, Chicago). In all of these cases, if I am a member of the Co-Op and I purchase something from them, I receive a rebate at the end of the fiscal year (if I meet some set level of purchasing). However, if I comparative shop and find a better price, I am free to purchase the item or service from the other provider. And I don't have to be a member of the Co-Op to shop at a Co-Op. Cellular service is not a Co-Op!

--
|+ David Baird xdab@midway.uchicago.edu +|
| University of Chicago d-baird@uchicago.edu |
| Networking, Telecommunications, (312) 702-7161 |
|+ and Computing Services +|

5378. Scanner For Sale

Newsgroup: rec.radio.scanner
Date: 1994-11-13 03:44:56 UTC
From: JOE.SADLEK@memprime.com
Message-ID: <3E5DB011@memprime.com>
Source record: 265698

For Sale:

Bearcat 200XLT with case, box, manual, AC/Charger $200.00

Reply here or to:
joe.sadlek@memprime.com

* OLX 1.52 * All rising to a great place is by a winding stair.

5379. Re: EMMYS

Newsgroup: rec.radio.scanner
Date: 1994-11-13 03:53:38 UTC
From: Rattlesnake.Stu@f100.n16000.z16.lusonet.org
Message-ID: <d76_9411150700@skylab.alce.pt>
Source record: 265670

From: whitmore@tahoma.cwu.edu (Rattlesnake Stu)
Subject: Re: EMMYS
Organization: Central Washington University

Upon Sat, 5 Nov 1994 19:51:00 GMT, the honorable Lori Martin
(lori.martin@andrews.infinet.com) graced comp.dcom.modems with:
[blah blah blah]
-] Well, having seen Patrick in Dune as Gurney Halleck, and in Excaliber and
-] that's it other than Star Trek and Saturday Night Live, he's darn good too.
[blah blah blah]

And this has WHAT to do with modems? Or should I abandon
comp.dcom.modems as yet another trashed newsgroup?

--
[Stuart Wh
SEEN-BY: 16000/0 100
--
| LusoNet: Rattlesnake Stu 16:16000/100
| Internet: Rattlesnake.Stu@f100.n16000.z16.lusonet.org

5380. Help! Uniden 147XLT scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-13 05:36:15 UTC
From: rolewis@gopher.chem.wayne.edu
Message-ID: <3a48kf$f8q@gopher.chem.wayne.edu>
Source record: 265666

Hello. I was wondering about Uniden's 147XLT scanner. I'm getting this scanner for christmas. Me and my mom saw it at Kmart. It has a full display,
all six digits. This apparently must be the newer model because the other one only had two numbers and a red lit led. Anyways, on the box it says 25mhz to 512mhz, full featured scanner. This really caught my eye. Does this mean that the scanner is capable of scanning 25mhz-512mhz. I've seen some scanners that start at 30, 30-1##, 1##-3##, etc. What I won't to know is, does this mean no in between freqs, just full coverage from 25-512. Please help me, I'm really trying to understand this. Does anyone out there have this scanner, or know about it.

Thanks,
Ron

5381. Help! Trucking freqs.

Newsgroup: rec.radio.scanner
Date: 1994-11-13 05:45:24 UTC
From: rolewis@gopher.chem.wayne.edu
Message-ID: <3a495k$f9o@gopher.chem.wayne.edu>
Source record: 265668

[No readable article body recovered]

5382. Speedx World of Utilities Electronic Edition, Nov.94

Newsgroup: rec.radio.scanner
Date: 1994-11-13 07:06:14 UTC
From: ae411@yfn.ysu.edu
Message-ID: <199411130706.AA05869@yfn.ysu.edu>
Source record: 265699
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

```
======================================================================
===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
========== Vol. 4, No.11 November, 1994 ==========
======================================================================
Edited by Richard Baker
ae411@yfn.ysu.edu

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----------------------------------------------------------------------
////////////////////////////// UTILITIES \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Ute Logs and Frequency Information
Mike Wolfson, Editor
1842 Mifflin Ave
Ashland, Ohio 44805

AERO

5505 EIP: Shannon Volmet Ireland 0050 6/6 USB 333 (aero wx) (Wolfson, Oh)
5547 QANTAS 12: 0828 6/9 USB (wkg San Francisco at flt level 310
w/position rpt, SELCAL chk) (Clar, NY)
5550 RAVEN AIR 34: UK ? 0009 6/11 USB (wkg NY at flt level 160, position
ELKAS) (Clar, NY)
5598 AIR INDIA 112: 0330 6/11 USB (wkg Gander, SELCAL chk) (Clar, NY);
EGGX: Shanwick Oceanic Radio 0431 6/16 USB (wkg UNITED 914,
w/position rpt) (Lukas, NY)
5610 PORTISHEAD RADIO: UK 0440 6/16 USB (wkg a/c w/callsign of KP, had
trouble raising them) (Lukas, NY)
5616 ELITE FLT 335: Canada 3000 Airlines 0118 6/2 USB (wkg Gander w/
position rpt, SELCAL chk JQHK) (Clar, NY)
5643 ANSETT 2847: New Zealand Airlines 0904 6/9 USB (wkg Aukland
w/position rpt, SELCAL) (Clar, NY)
5649 FINNAIR 122: 0107 6/4 USB (wkg Gander w/position rpt, SELCAL chk
DE-AG) (Clar, NY); AIR FRANCE 031: 0404 6/26 USB 353 (wkg Gander in
EE, SELCAL chk) (D'Angelo, Pa)
6535 SAL RADIO IFSS: Cape Verde 0124 USB (wkg BA 246 w/final score of
Bulgaria/-Argentina World Cup game, enroute EZE-LHR) (Orr, Va)
6577 NEW YORK ARINC: US 2147 (wkg CARNIVAL 137, 172 w/relay from ARP for
VR-BMG-not able to transmit on HF) (Orr, Va)
6586 AIR TRANSIT 369: 2320 6/4 USB (wkg NY w/position rpt) (Clar, NY); KEA
5: New York Radio US 0023 6/16 USB (wkg AVIANCA 020) (Lukas, NY)
```

6628 BALAIR FLT 3669: 2348 6/1 USB (wkg Santa Maria w/position rpt, SELCAL chk BJEQ) (Clar, NY)
6643 BERNE RADIO LDOC: Switzerland 0045 USB (w/pp for ALITALIA 572 w/ALITALIA ops in Italy, complete w/recorded hold msg in It/EE while waiting for extension, MD-11, SELCAL FKEJ) (Orr, Va) (great log Tony-MW)
8843 MALAYSIAN FLT 93: 0020 5/27 USB (wkg San Francisco at flt level 330) (Clar, NY)
8846 CARNIVAL AIRLINES FLT 172: 2040 5/29 USB (wkg NY w/position rpt) (Clar, NY)
8849 TRANSPORTES AEREOS MARILIA: Columbia ? 0046 USB (wkg AVIATECA 502 w/flt info in SS) (Orr, Va)
8855 PIARCO AERADIO: Trinidad/Tobago 2229 USB (wkg KL714 w/oceanic clearance and AOM438 w/ARP) (Orr, Va); BELEM AERADIO: Brazil 2226 (clg Manaus Aeradio w/tfc re VG538 and u/ID a/c in PT) (Orr, Va)
8864 CARGOLUX 775: 1210 6/23 USB (wkg Gander w/position rpt) (Clar, NY)
8879 EGYPTAIR 985: 1248 6/5 USB (wkg Gander w/position rpt, SELCAL chk ADJM) (Clar, NY); GANDER AERADIO: Newfoundland Canada 1432 5/27 USB (wkg UKRAINIAN 103, German Air Force a/c) (Lukas, NY)
8891 BIRD: Reykjavik Oceanic Center Iceland 1406 6/22 USB (wkg u/ID flt) (Lukas, NY); CAMBRIDGE BAY RADIO: Victoria Island Northwest Territory 0414 6/23 USB (wkg AIR CANADA 816) (Lukas, NY)
8894 AIR ZIMBABWE 726: 0038 6/6 USB (wkg Algiers at flt level 390) (Clar, NY)
8896.5 LIMA AERADIO: Peru 2226 USB (wkg u/ID tfc in SS, wkg u/ID a/c in SS, ID) (Orr, Va)
8903 BRAZZAVILLE AERADIO: Congo 0126 USB (wkg SA265, SA234 w/ARPs) (Orr, Va); LIBREVILLE AERADIO: Gabon 2138 USB (wkg AF427, RQ016 in FF w/ARPs) (Orr, Va)
8906 SOBELAIR 1888: 2342 6/5 USB (wkg NY w/position rpt, SELCAL chk CSHP)
8930 STOCKHOLM RADIO LDOC: Sweden 0000 USB (wkg DL132 for SELCAL chk-CDBR) (Orr, Va)
10075 FINE AIR 427: 0038 6/7 USB (wkg Houston Radio, depart Santo Domingo for Miami, SELCAL DKHJ) (Clar, NY)
11176 AFD14: Ascension Island 2158 6/11 USB 444 (wkg REACH 321 w/PIREP) (Wolfson, Oh); AFA2: Andrews Air Force Base Md US 1612 6/15 USB (wkg SHADOW 21 w/pp regarding an officer's retirement and party) (Lukas, NY)
11200 RAF BRAMPTON: Volmet UK 0000 6/14 USB 434 (aero wx) (Wolfson, Oh)
11214 CENTCOM 01: USAF 1750 6/12 USB (a/c w/Central Command commander on board, wkg Andrews for rdo cks). (Baker, Oh)
11226 NIGHTWATCH 01: USAF 2249 6/27 USB (E-4B? clg NEWCOMER no joy, then b/casts EAM, NIGHTWATCH is a callword for Nat'l Emer Airborne C.P. -NEACP program, this c/s probably is an E-4B Advanced Airborne C.P. a/c. Active w/call since April) (Baker, Oh)
11300 AIR MAURITANIUS 040: 2338 5/25 USB (wkg Cairo w/position rpt enroute to Paris) (Clar, NY)
11336 VGF-CZQX: Gander Radio-Gander Oceanic Center Newfoundland Canada 1406 6/22 USB (wkg CONTINENTAL 51 over LOACH, name from map received from 2 meter net member, I run net) (Lukas, NY)

11460 ANDREWS: USAF Md US 2254 (wkg SAM 204 w/pp & wx) (Johnson, Il)
13354 CONNIE 762: 0110 6/11 USB (wkg Honolulu w/position rpt) (Clar, NY)
17946 ALL NIPPON 005: 0108 6/26 USB (wkg Honolulu w/request for flt level 330) (Clar, NY)

CW

416 WCC: Chatham Radio Ma US 0651 6/10 (w/tfc list) (Baker, Oh)
516 YWA: NDB Petawawa Field Ont Canada 0646 6/10 (w/CW ID) (Baker, Oh)
4213 FFT21: St Lys Radio France 0505 6/1 (marker) (Lukas, NY)
4285 VCS: Canadian Coast Guard Halifax Nova Scotia 0132 6/28 (ID) (Morasco, WV) (Welcome to the column David-MW)
4299 PPO: Olinda Radio Brazil 0033 6/2 (marker) (Lukas, NY)
4310 WNU41: Slidell Radio Al US 0136 6/28 (ID) (Morasco, WV)

4331 WCC: Chatham Radio Ma US 0142 6/28 (ID) (Morasco, WV)
4343 SILO: NO ID 2330 6/20 (Caribbean wx) (Morasco, WV) (Most likely WLO on 4343.0 RD)
6382.2 EAD2: Madrid Radio Spain 2345 6/20 (ID) (Morasco, WV)
6416 WLO: Mobile Radio Al US 0215 6/29 (ID, freq list) (Morasco, WV)
6421.5 FFL3: St Lys Radio France 2350 6/20 (ID) (Morasco, WV)
6484.5 WSC: Tuckerton Radio NJ US 0240 (ID, AMVER request) (Morasco, WV)
8573 CLA21: Havana Radio Cuba 1639 6/21 (ID, freq list) (Morasco, WV)
8680 WSC: Tuckerton Radio NJ US 1652 6/21 (AMVERS request, ID) (Morasco, WV)
12844 KFS: Palo Alto Radio Ca US 1614 6/11 444 (ID) (Wolfson, Oh)
12876 VAI: Vancouver Coast Guard Radio Canada 1335 6/20 444 (marker) (Brewer, Ks)
12912.6 FFL6: St Lys Radio France 2226 6/19 (ID) (Morasco, WV)
13087.0 HKB: NO ID 2239 6/19 (wx, 6.273/8.364 repeated) (Morasco, WV) (listed as Barranquilla Radio, Columbia-MW) Also odd on a SSB frequency -RD
13304 FUF: French Navy Martinique 2234 6/19 (ID) (Morasco, WV)
16968.5 WLO: Mobile Radio Al US 1721 6/21 (ID, OBS ?) (Morasco, WV)
17227.5 ZLO: Irirangi Naval(?) New Zealand 2353 6/4 (w/marker) (Ward, Ca)
17232.3 HPP: Panama Intelmar Radio Panama 2350 6/4 (w/vvv marker) (Ward, Ca)
22458 WNU46: Slidell Radio La US 0126 6/2 (w/cq marker) (Ward, Ca)
22460.9 FUJ: Noumea Naval New Caledonia 0127 6/2 (w/vvv marker) (Ward, Ca)
22463 JCU: Choshi Radio Japan 0525 6/3 (w/cq marker) (Ward, Ca)
22474 VIP: Perth Radio Wa Australia 0524 6/3 (w/vvv marker) (Ward, Ca)
22476 NMO: USCG COMMSTA Honolulu HI US 0326 6/4 (w/cq marker) (Ward, Ca)
22477.5 KPH: San Francisco Radio Ca US 0129 6/2 (w/vvv marker) (Ward, Ca)
22485 VHP: Canberra ACT Australia 0130 6/2 (w/vvv marker) (Ward, Ca)
22486.9 WLO: Mobile Radio Al US 1604 6/4 (Ward, Ca)
22518 WCC: Chatham Radio Ma US 0133 6/29 (w/vvv marker) (Ward, Ca)
22536 VPS22: Cape D'Aguilar Radio Hong Kong 0532 6/3 (w/cq marker) (Ward, Ca)
22539 KLB: Seattle Radio Wa US 1606 6/4 (w/cq marker) (Ward, Ca)
22544 FUM: Papeete Naval Tahiti Society Is. 0334 6/4 (w/vvv marker) (Ward, Ca)
22557 KPH: San Francisco Radio Ca US 1608 6/4 (w/vvv marker) (Ward, Ca)
22565 XSW: Taichung Radio Taiwan 0426 6/4 (w/cq marker) (Ward, Ca)

MARINE

2182 NMY42: USCG Moriches Group New York US 0606 6/30 USB (w/pan-pan ann of man reported overboard, gives loc, req vessels in vicinity assist if poss) (Baker, Oh)
2670 NMY42: USCG COMMSTA Moriches New York US 0012 5/27 (wx, nav info for NY waters) (Lukas, NY)
4146 WF9: NO ID 0422 6/1 USB (intership simplex tfc) (Lukas, NY)
4369 SOVTUG TIGR: 1315 USB (PAN!, PAN!, EMERGENCY!, tow broken, help) (Hall, SA)
4369.1 FF CRANE BARGE BOS400: 1328 USB (MAYDAY!, MAYDAY!) (Hall, SA)
4372 T4W: 0156 6/29 USB (wkg O9R w/rendezvous time) (Morasco, WV)
Giant Killer, USN FACSFAC Va. -RD
4387 WOO: Oceangate Radio NJ US 0206 6/29 USB (AT&T marine telephone instructions) (Morasco, WV)
6200 NBPG: USCGC Escape (WMEC-6) 0646 6/24 USB (wkg NMN re HFDL freq) (Baker, Oh)
6218 ZCUX: Hong Kong flagged cargo vessel Repulse Bay 0617 6/09 USB (concluding R/T tfc w/WLO) (Baker, Oh)
6224 DONNYBROOK: 0000 6/13 USB 434 (wkg COCONUT w/chit-chat, QTH 100 miles below Cincinnati, river boats/barges??) (Wolfson, Oh)
6227 ADTF: NO ID 2239 6/21 USB (US Army vessel clg AAC2, no joy, any one have a name for this vessel) (Navary, Va)
6236 FOXTROT TANGO: US Navy 0517 6/29 USB (w/Hotel, Juliet, w/battle group alligator freq, after voice comms, Link-11 system came up) (Baker, Oh)
6516 NORW: USCGC Jefferson Island (WPB-1345) 1628 6/24 USB (relaying updated position on ves to CG 2114 who relays info to Group Moriches, NMY42, believe this was a F/V smuggling Chinese seen in press); NJPJ: USCGC Reliance (WMEC-615) 1658 6/09 USB (wkg BLUEFISH 07 (CG 6007?) for flt op's); NMF: COMMSTA Boston 1858 6/04 USB (wkg COD 14 who ID'ed on 5696 as the 2114 a/c, re the distressed S/V Debra Ann) All (Baker, Oh)
8207 3FMF3: SS Enchanted Sea 0231 6/07 USB (clg/wkg WOM for R/T tfc) (Baker, Oh)
8225 LENA3: Royal Caribbean Cruise Ship M/S Song of America 1527 6/25 USB (concluding R/T tfc w/WOO) (Baker, Oh)
8234 NVLA: USS Vella Gulf (CG-72) 2155 6/27 USB (concluding R/T tfc w/WOM using call NVLA in phonetics) (Baker, Oh)
8240 NKIA: USS Moinester (FFT-1097) 1537 6/30 USB (wkg NMN re rdo ck. on 4 megs SCN). (Baker, Oh); PJYG: M/V Hibiscus 1805 6/12 USB (wkg NMN w/obs rpt) (Navary, Va)
8764 GKU44: Portishead Radio UK 2131 6/2 USB (s/s call) (Lukas, NY)
12242 2WNV: Yacht Cassotis 0044 6/29 USB (wkg CommSta New Orleans, NMG re medico. Person on bd w/chest pains, after passing lat/lon RCC Long Beach app recommended yacht turn back to Panama as it was closer) (Baker, Oh); NBPG: USCGC Escape 2040 6/19 USB (wkg CAMSLANT Chesapeake) (Navary, Va)
13089 NMG: USCG COMMSTA New Orleans 1300 6/11 USB (wkg USS Joseph Hewes) (Navary, Va) This ship now decommissioned -RD

PHONE

4560 CFH: Halifax Military Nova Scotia Canada 0404 6/23 USB (w/ann of "traffic list" for HMCS Porte St Louis, HMCS Port St Jean and 3rd unk Port St -?. Same broadcast at 0459) (Baker, Oh); CYWS: HMCS Porte St Louis (YNG-183) 0521 6/23 USB (clg Halifax Military, no joy as Halifax is on 5198.5 w/Port St Jean). (Baker, Oh)
5000 YVTO: Time Signal Caracas Venezuela 0809 6/2 333-433 (time pips, SS ID) (D'Angelo, Pa)
5198.5 CYWJ: HMCS Port St Jean (YNG-180) 0523 6/23 USB (on "A2B" wkg Halifax Military, CFH, who passes UNCLAS hydrolant info) (Baker, Oh)
5211 WGY912: FEMA Special Facility Berryville Va US 0029 6/1 USB (ch 15, FOXTROT 11, NECN net, callup w/AFA1ZS, US MARS stn wkg USS Underwood and other USN stn, lasted 2 days) (Lukas, NY); WGY912: FEMA Berryville Va US 0101 6/01 USB (wkg various federal stn in FEMA exercise) (Navary, Va)
6993 AFD: Andrews Air Force Base Md US 2204 6/11 USB 444 (wkg EXEC 1-non military plane with Pres or first family on board w/ramp info, 646 secondary) (Wolfson, Oh)
10000 WWV: Time Station Ft Collins Co US 0016 6/14 (OO-LA-LA QRM, whistling, SS lang tfc) (Wolfson, Oh)
10125 CIO2: Mossad Israel 0046 6/2 AM (no msg, just c/s) (Lukas, NY)
10493 KQT615: EPA Montgomery Al US 1640 6/01 USB (wkg WGY912, FEMA Barrymore facility, for National Comms Test inv many federal/military stations ck'ing in over 24 hr period) (Baker, Oh); KCJ70: FAA Colorado US 0126 6/01 USB (wkg WGY912) (Navary, Va); WGY904: FEMA Thomasville Ga US 1819 6/01 USB (wkg several chk-ins to FEMA exercise) (Navary, Va) KHA910: NASA Dryden Flt Res. Ctr 1834 6/01 USB (wkg WGY905) (Navary, Va); AGA2RA: USAF MARS Robbins Air Force Base Ga US 1846 6/01 USB (wkg WGY905) (Navary, Va)

RTTY/FAX

4180.5 SXNU: M/V Ruby 0413 6/18 SITOR-A (tlx to Piraeus) (Navary, Va)
6262 YP685: U.S. Naval Academy training boats-YP's 0639 6/30 PACKET (several logged inc YP 685, others) (Baker, Oh)
6269 BOAE: M/V Dong He 0418 6/18 SITOR-A (wkg KPH) (Navary, Va)
6270 C6IL4: M/V Emanuel C 0538 6/21 SITOR-A (tlx tfc, all references I have show this ship as the M/V Emanuel B, Emanuel C used numerous times during b/c) (Navary, Va)
6301.01 PMR KHUDOZHNIK GERASIMOV: 1005 5/19 50/170 (wkg Vladivostok) (Roach, Ca)
6306.02 TKH TOVOL: 0937 5/19 50/170 (enroute to Japan, wkg Kholmsk/Merchant Marine) (Roach, Ca)
6308 TKH TEREKHOLSK: 1253 5/26 50/170N (wkg Vladivostok) (Roach, Ca)
6337.5 NO ID: 1232 75/178 (wx codes for NAWS) (Hall, SA)
6348 HWN: Paris France 0200 6/15 75/850 454 (ID, no tfc) (Card, RI)
6852 WLO: Mobile Radio Al US 1438 6/11 FAX 444 (wx chart) (Wolfson, Oh)
7596.2 5UA: ASECNA Niamey Nigeria 1717 ARQ M2 96/410 (aero tfc) (Hall, SA)
7684.9 RBV75: Moscow Meteo Russia 1725 50/1002 (wx codes) (Hall, SA)
8384.5 SS Jeremiah O'Brien: 0412 6/28 SITOR-A (tlx to San Francisco, vessel is the only WWII Liberty-ship that sailed to France for the D-Day celebration. Ves said to be in outer harbor of Cherbourg, France) (Baker, Oh)

8389.5 NMN: USCG CAMSLANT Chesapeake Va US 0008 6/14 SITOR-A (w/phasing & CW ID, at 0314 into Sitor-B w/RYRY to "NRCB", the USCGC Eagle w/UNCLAS tfc). (Baker, Oh)
8397 USZD: PB Vladivostok 1314 5/14 100/170 (Roach, Ca)
8397.5 KHLM: PKB Marshal Meretskov 0739 5/7 50/170 (QSY 6307.5 at 0741) (Roach, Ca)
8402.06 TKH VOSKRESENSK: 0912 5/19 50/170 (wkg Kholmsk/Merchant Marine) (Roach, Ca)
8435.5 OST40: Ostend Radio Belgium 0409 6/09 SITOR-A (phasing & CW ID) (Baker, Oh)
8492.7 GYA: Royal Navy Northwood UK 0515 6/28 100/170 (coded tfc broken by RYRY's). (Baker, Oh)
10816.6 NO ID: 1720 PICCOLO (Hall, SA)
10892 GXQ: British Army London UK 1715 VFT 50/170 (test tape on several channels) (Hall, SA)
11032 NO ID: 1710 PICCOLO (Hall, SA)
11063.2 LZU2: Sofia Meteo Bulgaria 1707 50/402 (wx codes) (Hall, SA)
12171.2 PWX33: Rio de Janeiro NAVRAD Brazil 1255 75/381 (test tape) (Hall, SA)
12479 9VLG: M/V Front Guider 1140 6/22 SITOR-A (AMVER msg) (Navary, Va)
12480.5 C6HG5: M/V Igloo Finn 0133 6/14 SITOR-A (tlx in Greek) (Navary, Va)
12490 NCOM: USNS Comfort (T-AH-20) 0158 6/29 SITOR-A (UNCLAS SITREP or situation report, via CAMSLANT Chesapeake, NMN, Comfort is a hospital ship taken out of moth balls for Haitian Op's as a temp processing point) (Baker, Oh)
12497.5 EOIW: M/V Sergey Lemeshev 2225 6/03 SITOR-A (tlx via San Francisco Radio w/ETA Balboa) (Navary, Va)
12502 3EAW7: Pacific Rider 1301 6/14 SITOR-A (tlx re/ETA Philadelphia) (Navary, Va)
12586.5 DCL: Norddeich Radio Germany 0000 6/14 SITOR-B (tfc list) (Baker, Oh)
12615 USU: Mariopol Radio Russia 0449 6/28 SITOR-A (wkg TH Komsomolets Moldaviy-UHTV, w/ack of msgs sent) (Baker, Oh)
12729.67 NMC: US Navy San Francisco Ca US 0323 6/18 FAX 434 (fair wx chart) (Wolfson, Oh)
13005 NLVQ: USS South Carolina (CGN-37) 1559 6/30 75/850 (RYRY to NMN, CAMSLANT Chesapeake, no joy, later NMN sent RYRY's but the two never connected on this freq) (Baker, Oh)
13510.38 CFH: Canadian Coast Guard Halifax Nova Scotia 1548 6/11 72/721 444 (coded wx, ice conditions) (Wolfson, Oh)
13580.25 KCNA: North Korean News Agency Pyongyang 2230 5/13 50/270 ?? (propaganda) (Roach, Ca)
13852.1 DDK6: Hamburg Meteo Germany 2043 6/11 FAX 222-333 (ID, poor ice conditions chart) (Wolfson, Oh)
14441.8 RFFAAS: FM Guerre DIRMAT Paris France 1131 ARQ E3 48/402 (wkg AIG 1955, others in FF) (Hall, SA)
17445.8 5YE: Nairobi Meteo Kenya 1134 FAX (tuning chart on 17443.4 USB) (Hall, SA)
18198.3 NO ID: 1147 SITOR A (FF tfc, signed Kiamana/Dykmans, unlisted) (Hall, SA)
18380.4 RFFDCC: FM BUROSERNAT Rennes France 1225 ARQ E3 100/403 (to various

FF bases in FF) (Hall, SA)
18668 NO ID: 1244 SITOR A (possible MFA Cairo w/AA tfc, listed Mongol embassy, CZH) (Hall, SA)
20304.8 EGYPTIAN EMBASSY: Kinshasa Zaire 1525 SITOR A (AA tfc) (Hall, SA)
20613.1 NO ID: 1520 SITOR A (5 ltr grps, unlisted) (Hall, SA)
22320 V2LU: Maersk Kingston 1438 6/12 SITOR-A (tlx via WLO, believe this ship was formerly the Ursus Delmas) (Navary, Va)
22377.5 KFS: San Francisco Radio Ca US 0112 6/2 SITOR (w/cw ID) (Ward, Ca)
22379 VIP: Perth Radio Wa Australia 0413 6/10 SITOR (w/cw ID) (Ward, Ca)
22381 WLO: Mobile Radio Al US 0114 6/2 SITOR (w/cw ID) (Ward, Ca); 9VG: Singapore Radio Singapore 0103 6/29 SITOR (w/cw ID) (Ward, Ca)
22382 NMC: USCG COMMSTA San Francisco Ca US 0414 6/10 SITOR (w/cw ID) (Ward, Ca)
22382.5 KPH: San Francisco Radio Ca US 0115 6/2 SITOR (w/cw ID) (Ward, Ca)
22383.5 WLO: Mobile Radio Al US 0115 6/2 SITOR (w/cw ID) (Ward, Ca)
22385.5 WNU: Slidell Radio La US 0111 6/2 SITOR (w/cw ID) (Ward, Ca)
22386.5 WCC: Chatham Radio Ma US 0416 6/10 SITOR (w/cw ID) (Ward, Ca)
22389 9VG: Singapore Radio Singapore 0104 6/29 SITOR (w/cw ID) (Ward, Ca)
22389.5 NMO: USCG COMMSTA Honolulu Hi US 0118 6/2 SITOR (w/cw ID) (Ward, Ca)
22391.5 NO ID: 0105 6/29 SITOR (frequently heard, but never with CW ID) (Ward, Ca)
22394.5 LPD: Gen. Pacheco Radio Argentina 1454 6/4 SITOR (w/cw ID) (Ward, Ca)
22395 KPH: San Francisco Radio Ca US 0119 6/2 SITOR (w/cw ID) (Ward, Ca)
22396 NO ID: 0106 6/29 SITOR (frequently heard, but never with CW ID) (Ward, Ca)
22403 WLO: Mobile Radio Al US 0120 6/2 SITOR (w/cw ID) (Ward, Ca)
22418 WLO: Mobile Radio Al US 0123 6/2 SITOR (w/cw ID) (Ward, Ca)
22420 XSQ: Guangzhou Radio China 0551 6/3 SITOR (w/cw ID) (Ward, Ca)

\\\\\\\\\\\\\\\\\\\\\\\\ UTILITY NOTES ////////////////////////////////

News and Information from the World of Utilities
Richard "RD" Baker, Editor
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Its the "dog days" of summer, and summer is going, going...almost gone! Guess I wasn't high bidder-hi! To start things off this month we have another review of a newly released directory, so lets do...

RD Reviews: The Worldwide Aeronautical Communications Frequency Directory by Robert E. Evans (Universal Radio Research, 1994, 2nd Edition)

I purchased the first edition of this excellent aero reference back in 1991 upon its release. It has been my aero "bible" since, despite its rather small and unpretentious appearance. Now, just released is the new and rather spiffy looking Second Edition of "The Worldwide Aeronautical Communications Frequency Directory" (hereafter called the Directory...hi!), which is some 260 pages, and contains over 2,350 frequencies for both voice and digital modes in the HF, VHF, and UHF bands. The second edition of this directory is a much more conventional bound 8-1/2" x 11" in place of the original 5-1/4"

x 8-1/2", 42 page size!
Included in the directory are complete Major World and Regional and Domestic Air Route (MWARA & RDARA) information for 137 countries, company operations for 116 world airlines, Volmet broadcasts from 70 world cities and military coverage of 30 world air forces. The frequency lists are criss-crossed by frequency and location/type of use. A nice feature when your listening late at night and did he say "Puerto Montt" (SAM-SW, Chile) or "Porto Velho" (SAM-C/SE, Brazil)? A quick check of the criss-cross will tell you. Its also handy so as to tell that the "Moroni" you heard on 5658.0 is in the Comoros Islands!
Digital modes include both the HF RTTY nets as well as the new VHF ACARS protocol. Message content and the decipherment of aero communications is covered. These, along with 12 pages of MWARA sector maps, AFTN/ICAO/IATA codes, designator's and waypoint location/information, offer a lot more than a list of frequencies. There is an eight page glossary list and five appendices total, and a "source list".
Easy to understand text and all of the information packed into this directory make it ideal for both novice and experienced "aero" listeners alike. Highly recommended from RD, the Directory combines a lot of data I had to accumulate over years; and some I've never seen before. The Directory is item #0042 from Universal Radio (1-800-431-3939 or 614-866-4267) and retails for US$19.95. I'm sure other dealers will be carrying it also.

More Fax on Fax
You may remember awhile back Steve Wielgos (IN) reported NAM's Fax chart format change. Steve also noted that they were now being listed as "Cutler, Maine" instead of Norfolk, Va. Well, effective February 1, 1994 the U.S. Navy moved its Northeast Oceanographic Center's shortwave transmitters from Norfolk VA to Cutler Maine. This move reduced frequency coverage and the relocation reflects the Navy's increasing use of satellites for weather charts for the Atlantic fleet. Since northern latitudes do not have good satellite coverage, the transmission site was moved further north to better serve the Atlantic fleet. Civilian users of Norfolk FAX transmission will suffer from this reduced coverage. To offset this loss of coverage for civilian and commercial shipping, U.S. Coast Guard's Boston CommSta, NMF, has increased its transmission schedule, as has been reported.
This is all apparently part of a plan by the U.S. Navy to phase out all HF weather-fax broadcasts (Cutler, Maine; Rota, Spain; Pearl Harbor and Guam) starting with Cutler, Maine on Oct 1, 1995. The U.S. Coast Guard and the National Weather Service implemented Phase I of expansion of their Atlantic and Pacific WEFAX broadcast schedules on Jan 31, 1994. However, the long term plan is to broadcast WEFAX on INMARSAT C.

MILITARY

U.S. Navy
~ The U.S. Navy Hospital Ship USNS Comfort (T-AH-20) mentioned last month has been active on the standard maritime sitor frequencies sending UNCLAS SITREP's (Unclassified Situation Reports) to CAMSLANT Chesapeake, NMN, during the month. That takes care of "NCOM" but the ships Mars station, NNN0CCF, has not yet been heard.

~ Operation Support Democracy meanwhile continues at a rapid pace. According to the Navy News Service (NNS), in just a 24 hour period, over 3,200 Haitian migrants have been rescued by Navy and Coast Guard vessels. So many Haitians had been picked up from the sea that the Coast Guard cutters needed an assist from Navy "gray hulls" in the region to handle the volume. Nine-hundred Haitians were taken aboard USS Spruance (DD 963), and several hundred others aboard USS Flatley (FFG 21), and USS Clark (FFG 11) for the transit to Guantanamo Naval Station. Having the Navy ships who were on patrol to enforce UN sanctions transport the rescued Haitians allowed the cutters to return to their search for additional Haitian boats in the Windward Passage, according to the release.

This release illustrates another point in listening to these nets. The Foxtrot Mike net on 4090.0 Khz, and other frequencies, are the multi-national units of JTF-120 involved in Operation Support Democracy, the United Nations sanctions against Haiti.

The Foxtrot Charlie net on 6818.5 and 7741.0 are U.S. Coast Guard cutters which are a part of Operation Able Manner or watching for Haitians attempting to flee Haiti by the sea. There are still two distinctly different operations here. One is stopping people coming out, the other is keeping certain folks from coming in. I believe this has been confirmed a number of times by closely listening to these nets. On one FC net they made mention of doing "JTF-120 a favor" and checking out a ship, for example.

Then we have the Foxtrot Tango nets which are just U.S. Navy units which can be tasked on several missions or in training. These nets have been suspected in the past of being assigned to JTF-4, the U.S. multi-agency, anti-drug task force. They also recently were found on 5293.0 Khz giving the Foxtrot Charlie's a hand transporting Haitians to Guantanamo Bay.

The USS Inchon Amphibious Ready Group, which returned June 24 from a six-month deployment to the Adriatic and Somalia, has departed Norfolk Va. enroute to waters off Haiti this week. The ARG includes USS Inchon (LPH 12), USS Portland (LSD 37), USS Trenton (LPD 14), USS Spartanburg County (LST 1192), and the 2,000 Marines of the 24th MEU based in Camp Lejune, N.C. Other ships already on station to enforce the United Nations embargo include USS Cyclone (PC 1), USS Tempest (PC 2), USS Gallery (FFG 26), USS Kauffman (FFG 59), and the USS Wasp (LHD 1).

~ The U.S. Navy is deploying three vessels to the area around South Korea to bolster naval forces in the region if needed. The group is made up of the Austin-class Amphibious Transport Dock USS Juneau (LPD 10) and the Avenger-class Mine Countermeasures Ships USS Guardian (MCM 5) and USS Patriot (MCM 7).

~ The U.S. Navy Ticonderoga-class Aegis Guided Missile Cruiser USS Port Royal (CG 73) was commissioned in early July. Port Royal is the last ship of this class. She was authorized F.Y. 1988, and ordered February 25, 1988. She was laid down at Litton Corp.'s Ingalls Shipbuilding, Pascagoula, MS, on October 14, 1991, and launched November 20, 1992.

~ The U.S. Navy Nuclear Guided Missile Cruiser USS Long Beach (CGN-9) was deactivated on July 2 at NAVSTA Norfolk, VA.

U.S. Coast Guard

~ Reference to "CTU" which has heard and logged on the Coast Guard

frequencies for some time, this stands for Commander Task Unit. The Coast Guard uses exactly the same structure as the Navy uses since the Coast Guard falls under the Navy in times of war (and during certain exercises). The structure is: CTU reports to a CTG (Commander Task Group) which reports to a CTF (Commander Task Force) which now some times reports to a JTF (Joint Task Force). As in JTF-120...?

U.S. Air Force
~ The Air national Guard made history July 1 when they for the first time ever, began flying the B-1 bomber. The 184th Fighter Group at McConnell AFB, Kansas, received the B-1B Lancer and became the 184th Bomb Group. The unit, which had flown F-16s, also moved from Air Education and Training Command to Air Combat Command (ACC). A second unit, the 116th Fighter Wing at Dobbins ARB, Ga., is scheduled to convert to the B-1B, but a date has not yet been set.

~ The F-16's of the 512th Fighter Squadron will be inactivated at Ramstein AB, Germany and activated at Aviano as the 510th FS, according to the Air Force News Service. The 526th FS inactivated at Ramstein in March and became the 555th FS at Aviano. Both moves resulted from the 86th Wing's mission changing to airlift. A squadron of about 16 C-130s and associated units from Rhein-Main AB, Germany, are in the process of moving to Ramstein and should be in place by Oct. 1. The move brings about 1,100 people to the wing, which will become the 86th Airlift Wing.
The 76th Airlift and the 75th Aeromedical Airlift squadrons will continue their missions at Ramstein. The 76th supports distinguished visitors with C-20, C-21 and T-43 aircraft. The 75th supports aeromedical evacuations throughout Europe with C-9 Nightingales.

MARITIME

More Cruising
~ American-Hawaii Cruise Lines S.S. Independence, call sign KPHI, is entering dry dock to under go a refit July 20. The ship will be laid up until October some time.
~ OdessAmerica announced it has decided to use Gulfport, MS, as the springtime port for its 515 foot, 15,600 ton cruise ship Gruziya. They will offer eight cruises to Latin America and one party cruise in the Gulf from that location.

FCC Shuts Down KMI's Sitor-B
In late breaking news as this column was going to press, reports being circulated indicated AT&T coastal marine station KMI was forced by the Federal Communications Commission to close down their Sitor-B broadcast transmissions. An unnamed engineer for KMI was being quoted as stating they were not allowed to broadcast continuously on the SITOR channels allocated to them. Apparently this refers to their continuous traffic lists and station information which has run for quite awhile! At this time I was unable to learn any new information, but I can confirm that the broadcasts have ceased and I have not located any being made by sister stations WOO or WOM either.

AERO
Another mystery LDOC has appeared! Two months ago Tim Braun reported operating on 8095/11470 ID'ing as 'Sylvair', 'Big A', 'Connie Ops', and 'Khalitta Ops'. Now, Tom McKee checks in with news of a new LDOC operation he came across:

Cedar Rapids LDOC by Tom McKee
There is another new U.S. LDOC using the identifier "Cedar Rapids." I suppose this is an expansion of the Rockwell/Collins communications services. They have long used some of the equipment test frequencies for communications purposes, but what I am hearing now are on regular LDOC channels with service to all callers.
The frequencies I have identified so far are 8933, 10075 & 13348. I am also hearing Arinc New York on 8933, and this is a new channel for them. Johannesburg, RSA used to be about the only thing I would hear on this channel. The 10075 channel is shared with Universal Radio, "Houston". The 13348 channel is shared with Arinc San Francisco & Honolulu.
I expect that there are more channels for "Cedar Rapids." I would expect a 5 or 6 MHz channel, perhaps an 11 MHz channel, and almost surely 17 and 21 MHz channels. Hope this is as new to you as it is to me.

It sure is Tom, and thanks for the details. In fact, both of these operations reported by Tim Braun and Tom McKee are so new <how new are they!>, they didn't make the just released Worldwide Aeronautical Communications directory reviewed on page 1!

Another Bad Day...
Last month we had the Captain of the Labrador who forgot to mention a body stored in his freezer to certain customs folks. Well, this month, according to Steve "Mr. Warship" Schultz, the U.S. had previously agreed to sell to the Royal Australian Navy two former Newport-class Tank Landing Ships. On June 29, 180 RAN personnel were on hand in Norfolk, VA, for the formal transfer, but to the U.S.'s embarrassment, they were nowhere to be found. The 180 had been training in the U.S. since February, but when they went to assume control, the Navy found it didn't have final Congressional approval for the sale. The ships, the former USS Saginaw (LST 1188) and the USS Fairfax County (LST 1193); to become HMAS Kanimba and HMAS Manoora, respectively. See, it can happen to anyone...RD

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Note: This is the Nov. 'Electronic Edition' and is from the Aug. 1994 SPEEDX member bulletin "Shortwave Radio Today", ISSN 0882-8091. SPEEDX utility coverage now consists of three columns:

UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and schedule information. Contributions in these area's can be sent to Mike.

UTILITY NOTES: Edited by Rick "RD" Baker. News and information about the world of utilities, and utility stations. Contributions in these area's can be sent to myself.

UTILITY VERIFICATIONS: Edited by Tim Braun. "UTE" only QSL's and Verifications. QSL info. I hope to add Tim's column to the electronic edition soon.

SPEEDX members had this information over 2 months ago! If you would like to recieve this information as quickly as our members do, SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the other column's include:

THE DXperience: Focusing on notes,news,and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

TRASH & TREASURE: Information on catalogs, freebies, promotions, and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson. (73540.3025@compuserve.com)

SHORTWAVE TO GO!: News and information on shortwave broadcast stations. Edited by Richard E. Hankison
WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Tim J. Johnson

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

SPEEDX AWARDS: A wide variety of awards are available for members DX'ing accomplishments, Harold Woering, Awards Chairman

....and more!

If you would like to learn more about the SPEEDX radio club, (the Society to Preserve the Engrossing Enjoyment of DX'ing), a Non-Profit ALL Volunteer hobby organization founded in 1971, please write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196, DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico $23.00
Canada (AO Airmail) 25.00
Central/South America, Caribbean (airmail) 29.00
Europe (AO Airmail) 33.00
Africa/CIS/Asia/Oceania (AO Airmail) 37.00
Outside North America (Surface Mail) 23.00

All prices are in US funds. Tell Bob you heard about us from the Electronic Edition!

--
Rick Baker (ae411@yfn.ysu.edu)
Recorded live and direct from downtown Austintown, Ohio

5383. Help with mod

Newsgroup: rec.radio.scanner
Date: 1994-11-13 08:08:13 UTC
From: lem <lem@mixcom.mixcom.com>
Message-ID: <1994Nov13.080813.29400@mixcom.com>
Source record: 265682

I have a friend who is looking for someone to do the cellular restore on his Pro43. (The person who did mine doesn't want to do any more.) Is there anyone in the Milwaukee area who does this for a reasonable fee? He also travels up North and Minneapolis pretty regularly, so anyone around there would be ok too. Or, if all else fails, is there someone who does it mail order?

When I did my mod, I got the instructions from a ham radio ftp site. I don't remember where it is though, does anyone have the address handy?

(My freind, a fellow wedding photographer, is going to give me a list of all the frequencies he has programmed and I am going to try to give him the names of a couple people who do the mod and the mod instructions, which I deleted when I was done with them.)

This last thing is only vaguely related, but I don't know who else to ask:

When I did the cell mod on my Pro43, I did the kill key beep too. I hate key beeps. What I am wondering is, where did these mods originate, or how? I am wondering because I have a SONY cordless phone which makes the most annoyingly, piercing key beep and I would dearly love to kill it. I did take it apart when I first got it, but it is just a circuit board-meaning less to me. Is there someway to figure out how to kill the beep by looking at it? Where could I go for a schematic, or would it be part of a huge, expensive repair manual?

Thanks!
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| |
/ lem@mixcom.com \
| Lauren E. Michaels |

5384. Re: PRO-2021 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-13 08:45:16 UTC
From: jerrybake@aol.com
Message-ID: <3a4jms$2dr@newsbf01.news.aol.com>
Source record: 265676

In article <36simqger1@mhadg.production.compuserve.com>, Nigel Le Poidevin <100046.2520@CompuServe.COM> writes:

I've got a Pro-2021 and have had it for about 5 years. I have seen time and time again postings for mods with responses stating "not much you can do with it." I do have one, which I will add here, that states it will speed up the freq. scanning rate. Have not tried it myself as I've been looking for a separate source first to confirm it (don't want to blow up a perfectly good scanner!) Good luck finding more.

>>
First, you will need one 15K-ohm,1/4 or 1/2 watt resistor, radio solder and a small soldering iron, and simple hand tools. Make sure the radio is unplugged from its power source, and that the 9-volt memory battery is removed! As you will be working in the area directly connected to the microprocessor, failure to heed this advice may prove fatal to your scanner!! Now, remove the upper case-half only by removing the four screws (two per side) on both sides of the outer case, as well as the one screw on the rear apron of the radio which fastens the upper case to this surface. Carefully lift up the top case section and unplug the white plastic two-conductor speaker plug, allowing removal of the upper case entirely to simplify working inside the radio. With the scanner sitting upright and facing you, locate resistor R-147 (a 39K-ohm resistor to the left-front of the main board almost behind the vicinity of the LCD display). Care-fully snip the leads at the resistor body with a pair of sharp wire cutters to leave as much of the existing leads as possible. Solder the 15K-ohm resistor to those remaining leads. If you wish to totally replace R-147, it will be necessary to remove the lower case half and unsolder an RF shield on the underside of the board; soldering the new resistor to the old leads simplifies the process. Reassemble the scanner in reverse order of disassembly, reinstall the memory battery reconnect the scanner to the wall outlet; re program the memory, and you will now have a radio that scans and searches three more channels per second an improvement you can see as the numbers fly by.

/ ^^^ \
[0 0]
___000__ (") __000___

ROY J. CLOUTIER IN CHICAGO, IL.
CompuServe Address: 72440,412
Prodigy ID# (JGGM08D)
Don't stay up too late to night???

Uploaded with permission by Jerry Smith, in the 'Burbs of Chicago
CIS ID...73747,2143

<<

5385. Computerised Radio Monitoring

Newsgroup: rec.radio.scanner
Date: 1994-11-13 11:12:05 UTC
From: Keith@elgin.demon.co.uk
Message-ID: <784725125snz@elgin.demon.co.uk>
Source record: 265694

I am currently using an Amiga A500 computer linked to an Icom R7000 with a package called Scan7000. This package works extremely well but I am wanting something which will run on a PC. What I require is a program which will say the frequency and time of a hit and record it to either the left/right track of an audio tape with the comms from the radio coming in on the other track. At the moment the Amiga does this job very well but looking at some adverts for PC scanning programs I have not seen this function listed. Can anyone advise me of a scanning program for the PC which will do this task. Please post any answers to this newsgroup or directly by email.

Thanks in advance,
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+-------------------------------------------------------------------------+
| Keith Elgin | | |
| | _ | |
| Internet : keith@elgin.demon.co.uk _____________|_( )_|_____________ |
| Voice : +44 (0)265 43575 o +|+ [ ( o ) ] +|+ o |
| Amateur : GI7S0B *[_]---[_]* |
+-------------------------------------------------------------------------+
```

5386. Re: ftp sattelite images wanted

Newsgroup: rec.radio.scanner
Date: 1994-11-13 11:21:30 UTC
From: sikkid@axpvms.cc.utexas.edu
Message-ID: <3a4srq$8ge@geraldo.cc.utexas.edu>
Source record: 265680

In article <Pine.HPP.3.91.941106002838.13852A-100000@holmes.ece.orst.edu>, brian varine <varine@ece.orst.edu> writes:

>About the request for satellite images. You can get WX images from the
>GOES sattelite at: geograf1.sbs.ohio-state.edu. There are visible, IR and
>composite images they're pretty neat.

Are there any other sites with the GOES images? That site doesn't allow guest login for some reason (at least when I tried).

-sikkid

5387. Re: Pro 2006

Newsgroup: rec.radio.scanner
Date: 1994-11-13 11:37:00 UTC
From: darwin.teague@exnavy.esnet.com
Message-ID: <249.2766.352.0ND9E864@exnavy.esnet.com>
Source record: 265723

SH>I don't think so, I tried to hit MONITOR while in Search Mode and it
SH>stopped on the freq. I then hit L/OUT but nothing happened. The only
SH>thing you could do I guess is search just above and then later just below
SH>it. Annoying but may be the only way... :-(

SH>Anybody?

Check Bill Cheek's article in the Feb. 93 issue of Monitoring Times. It is a mod you can easily do that hits the up button after a predetemined time. I set mine for 30 seconds. I'm going to add a switch so I can choose between using it in the search mode and using it in the scan mode.

(704)837-9200 is MT's phone number.
--- JCQWK

5388. SEX SEX SEX. GOOD INFO

Newsgroup: rec.radio.scanner
Date: 1994-11-13 11:45:26 UTC
From: 141.167.251.68@ev_security1_pc.Syntex.com
Message-ID: <3a522a$5eu@yoda.Syntex.Com>
Source record: 265695

NOW THAT I HAVE YOUR ATTENTION,

I WOULLD LIKE SOME INFORMATION OR FREQUENCIES FOR CELL PHONE AND CORDLESS PHONES. IN RETURN, I CAN GIVE YOU SOME MILITARY FRQUENCIES......

5389. Re: Help! Trucking freqs.

Newsgroup: rec.radio.scanner
Date: 1994-11-13 13:47:48 UTC
From: Victor Healey <vhealey@crl.com>
Message-ID: <3a55e4$mcd@nntp.crl.com>
Source record: 265696

>
Channel 19 Good Buddy

27.185 MHZ

:>) Ki4je

Vic

5390. Re: SEX SEX SEX. GOOD INFO

Newsgroup: rec.radio.scanner
Date: 1994-11-13 14:04:33 UTC
From: kkearney@blkbox.com
Message-ID: <3a56dh$pfn@news.blkbox.com>
Source record: 265697

141.167.251.68@ev_security1_pc.Syntex.com wrote:

: NOW THAT I HAVE YOUR ATTENTION,

: I WOULLD LIKE SOME INFORMATION OR FREQUENCIES FOR CELL PHONE AND CORDLESS
: PHONES. IN RETURN, I CAN GIVE YOU SOME MILITARY FRQUENCIES......
Those freqs are is to come by and I would have been glad to send em BUT
with such a misleading subject line.....Nah..Let someone else do it.
Post like that p*ss me off.
--KDK

5391. Re: "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-13 15:02:39 UTC
From: dbushong@wang.com
Message-ID: <Cz7oGF.E01@wang.com>
Source record: 265703

rotnapple@aol.com (RotnApple) writes:

>Ah-

>So what IS the frequency?

42.

--
Dave Bushong
OPEN/image Recognition Products

5392. Re: SEX SEX SEX. GOOD INFO

Newsgroup: rec.radio.scanner
Date: 1994-11-13 15:18:38 UTC
From: blunt@pipeline.com
Message-ID: <3a5aoe$rmb@pipe2.pipeline.com>
Source record: 265701

When your for real and dad give you the scanner
Maybe I'll help out.

blunt@pipeline.com

kkearney@blkbox.com (Kyle Kearney) wrote:

>
>141.167.251.68@ev_security1_pc.Syntex.com wrote:
>
>: NOW THAT I HAVE YOUR ATTENTION,
>
>: I WOULLD LIKE SOME INFORMATION OR FREQUENCIES FOR
>CELL PHONE AND CORDLESS
>: PHONES. IN RETURN, I CAN GIVE YOU SOME MILITARY
>FRQUENCIES......
>Those freqs are is to come by and I would have been
>glad to send em BUT with such a misleading subject
>line........Nah..Let someone else do it. Post like
>that p*ss me off.
>--KDK

5393. scanner laws, various states info wanted

Newsgroup: rec.radio.scanner
Date: 1994-11-13 15:21:37 UTC
From: jgault@fox.nstn.ca
Message-ID: <3a5au1$e9l@Owl.nstn.ca>
Source record: 265700

Hello:
I'll be travelling to Florida from Ottawa, Ontario, Canada down the eastern U.S. I would like to take my scanner with me. Im looking for information on scanner laws, are their states that prohibit scanning. As well, is their a rec.radio FAQ anywhere. Your help is much appreciated.

Thanks....Jerry

Jgault@fox.nstn.ca

5394. Re: time via radio

Newsgroup: rec.radio.scanner
Date: 1994-11-13 15:55:30 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <Cz7qwJ.1Jv@news.Hawaii.Edu>
Source record: 265690

In article <39ukt3$5lh@news.bu.edu> pgoldsmi@bu.edu (Philip Goldsmith) writes:
> In the US, WWV in Colorado, located at wherever the US's atomic clock
>is there, broadcasts in the clear on 5MHz, 10MHz, and 15MHz. It is a voice
>SSB transmission and actually ticks on each second. It should be able to be
>received anywhere in the US.
> Phil Goldsmith
> pgoldsmi@acs.bu.edu
>

Don't forget WWV and WWVH (Hawaii) also broadcast on 2.5 MHz. They
transmit in AM not SSB. The male voice you here is the Colorado
transmitter while the femail voice originates from the Hawaii
transmitter.

Jeff

5395. Re: "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-13 16:09:33 UTC
From: n4vte@gloster.via.mind.org
Message-ID: <meLqVc1w165w@gloster.via.mind.org>
Source record: 265526
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur

izm@panix.com (Israel Moskowitz) writes:

> In article <cking4.22.0012EC88@be0227.be.ford.com>,
...
> >I first heard about Mr. Schaffer in an article from a guitar magazine about
> >15 or so years ago (he was running the wireless guitar business at the
> >time, obviously). He mentioned going to a place called Canal Street in
> >his youth -- apparently this was the site of several surplus electronics
> >dealers in the city, and he would be the first one down there in the morning
> >so that he'd get the best selection of parts.
...
> When I was in High School in NYC (quite a ways back in time) my friends and I
> would often "cut" class to go down to Canal Street and Cortlandt Street. The
> latter was nicknamed "radio row" since it was lined almost wall-to wall with
> radio/electronics/parts/gadget stores. Most were stocked with world war II
> surplus equipment such as transmitters and receivers removed from old combat
> aircraft, mountains of parts, odds and ends, etc. We were solidly infatuated
> with radio, electronics, in the pre-PC/Unix days.
>
> Both Streets still exist in
> Manhattan but radio row is gone, having been replaced by the world trade cent
> years ago, Canal Street's electronic stores are also gone, I believe the last
> one closed.
>
Neither of you mentioned the bins of parts they would push out onto the
sidewalks in front of the stores every morning. (They did take them in didn't
they?) It was like rooting in someone's attic. I haven't been there in thirty
years. I am truly sorry to hear that they have gone. I have found over the
years only two stores that even came close. One in Orlando, and one in the
San Fernando Valley (Burbank(?))up off Lankersham if I remember correctly.
We have nothing in Atlanta that even comes close :-(

---
n4vte@gloster.via.mind.org (Chris) All jobs are easy
to the person who
doesn't have to do them.
Holt's law

5396. Need Info on ICOM R1 mods

Newsgroup: rec.radio.scanner
Date: 1994-11-13 16:44:02 UTC
From: tbodoh@pipeline.com
Message-ID: <3a5foi$4ef@pipe1.pipeline.com>
Source record: 265704

Hello,

I recently picked up a used ICOM R1. I know about the shortcomings of this radio, but it's still fun. A few years ago, an outfit in the UK offered a mod to improve the intermod situation. I later heard that that company became an ICOM dealer and stopped offering the mod. Anyone have any specifics on what the mod involved and how well it performed? Thanks...

5397. Uniden BC 760xlt mod wanted

Newsgroup: rec.radio.scanner
Date: 1994-11-13 17:22:50 UTC
From: larry@agora.rdrop.com
Message-ID: <Cz7uy3.BvM@agora.rdrop.com>
Source record: 265706

```
--
Larry Holler
larry@agora.rain.com
```

5398. PRO-43 DISCONTINUED?

Newsgroup: rec.radio.scanner
Date: 1994-11-13 17:27:25 UTC
From: traynort@ucs.orst.edu
Message-ID: <3a5i9u$sp3@gaia.ucs.orst.edu>
Source record: 265705

I have been looking at purchasing a handheld scanner that has tripple conversion and includes the Military air band (225-400mhz). I have come to the conclusion (Correct me if your views differ) that a Radio Shack Pro-43 or a Uniden 2500xlt are the best radio's for these requirments. The problem is I have hear that uniden has discontinued it's 2500xlt and Yesterday My Radio Shack dealer said that THE PRO -43 HAS BEEN DISCONTINUED too. Rat Shack said the Pro-62 is replacing it but the Pro-62 does not receive the Military band. Is this true? Has there been a bill passed to outlaw access to the military air channels? Just a little concerned.

Tedd
--

_____
Tedd Traynor E-Mail traynort@ucs.orst.edu
Oregon State University The Rebellion Paintball Team
(503) 752-4719 TIP #204 "Lt. OVERKILL"

5399. Re: Kings Bay Navy Base Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-11-13 18:15:08 UTC
From: edginsf@aol.com
Message-ID: <3a5l3c$6dh@newsbf01.news.aol.com>
Source record: 265684

In article <199411081558.JAA12272@mail.cs.utexas.edu>, jsaul@np.atinc.com (Jim Saul) writes:

>I will be working at the Navy Base next month. Anyone have any Freqs?
>Also looking for St. Mary's GA and Ameilia Isl FL freqs.

>Thanks

>Jim

I hear that a Federal Trunked system operates in the 406-420 MHz range at the base. Please post a confirmation if possible.

Edward

5400. WANTED: Freq. for Boston EMS -> hospital

Newsgroup: rec.radio.scanner
Date: 1994-11-13 18:22:23 UTC
From: mouse@engc.bu.edu
Message-ID: <3a5lgv$6ta@news.bu.edu>
Source record: 265686

Hello. I currently listen to Boston EMS tach-10 frequency, but would like to know some of the frequencies used to contact hospitals. (I'm assuming that this is done, when they bring a patient to the E.R. Is this true? If so, does anyone have some freuqencies... I'm looking for the big ones: Childrens, NEMC, BUMC, BCH, MassGen, BethIsrael, Brigham&Womens...

Thanx in advance for any help! Sorry for the rookie question!

--matt

ps. Please e-mail response to mouse@bu.edu. I'm not on the news groups too often! Thanx!

5401. Re: time via radio

Newsgroup: rec.radio.scanner
Date: 1994-11-13 19:11:57 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <Cz7zzx.3oz@news.Hawaii.Edu>
Source record: 265685

In article <Cz7qwJ.1Jv@news.Hawaii.Edu> jeffrey@math.hawaii.edu writes:
>In article <39ukt3$5lh@news.bu.edu> pgoldsmi@bu.edu (Philip Goldsmith) writes:
>> In the US, WWV in Colorado, located at wherever the US's atomic clock
>>is there, broadcasts in the clear on 5MHz, 10MHz, and 15MHz. It is a voice
>>SSB transmission and actually ticks on each second. It should be able to be
>>received anywhere in the US.
>> Phil Goldsmith
>> pgoldsmi@acs.bu.edu

>Don't forget WWV and WWVH (Hawaii) also broadcast on 2.5 MHz. They
>transmit in AM not SSB. The male voice you here is the Colorado
>transmitter while the femail voice originates from the Hawaii
>transmitter.

The above is a example to you all not to post an article at 6 a.m.
without first having had a cup of coffee! `here' should be `hear'
and `femail' of course should be `female'. Geez, how embarrasing...

Jeff

5402. Bearcat BC220 XLT for sale!

Newsgroup: rec.radio.scanner
Date: 1994-11-13 20:46:38 UTC
From: cmf@iquest.net
Message-ID: <Cz84Dq.2oJ@dorite.use.com>
Source record: 265718

As new in box.Used 5 hours.Works perfectly.Sell for $175 including shipping.

Michael N9LFN

5403. Antenna for Pro-37

Newsgroup: rec.radio.scanner
Date: 1994-11-13 22:29:24 UTC
From: anw104@psu.edu
Message-ID: <anw104.237.2EC69344@psu.edu>
Source record: 265693

Hi Y'all!
I'm looking for a good antenna for my Pro-37. I very rarely listen to anything in the Low-band freqs - mostly 150 - 860 Mhz stuff. Thanks in advance for any info and feedback that anyone can offer!
- Alvin

5404. Grove Scanner Beam-info please

Newsgroup: rec.radio.scanner
Date: 1994-11-13 23:19:25 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Nov13.191534.1@cad3.uccb.ns.ca>
Source record: 265709

To anyone:
I'm looking for any comments on the Grove Scanner Beam(good or bad)
I've just ordered it from grove enterprises ltd.
I'm mostly going to use it for cellular(distant towers).
Any suggestions on what type of cable to use.
I'm using a pro2006 scanner.

Thanks in advance for any comments:
Ron

5405. DDI---(wanted to buy)

Newsgroup: rec.radio.scanner
Date: 1994-11-13 23:23:44 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Nov13.191940.1@cad3.uccb.ns.ca>
Source record: 265710

```
Looking for DDI/B box or DDI/D box!
Wanted for entertainment purposes "only".
I have software/interface/and scanner.
Please respond by e-mail.
Ron
```

5406. Mods for 120XLT

Newsgroup: rec.radio.scanner
Date: 1994-11-13 23:48:08 UTC
From: eschwab@csugrad.cs.vt.edu
Message-ID: <3a68jo$91t@csugrad.cs.vt.edu>
Source record: 265702

I've been looking for mods to a Bearcat 120XLT, but the 'closest' I've been able to find are for 100's and 200's. Has anyone had any experience with this model? Unfortunately I don't have access to Monitoring Times...

Thanks,
- Ed

5407. Weather Reports via Scanner & Modem

Newsgroup: rec.radio.scanner
Date: 1994-11-13 23:59:04 UTC
From: "Mitchell, Michael C" <MIMITCHE@NMU.EDU>
Message-ID: <13NOV94.20503258.0017@VM.NMU.EDU>
Source record: 265713

Back when I livedin Chicago, I used to hook an old scanner up to my mode
m and recieve weather reports and warnings as they were broadcast. The
frequency used was 147.060 Mhz. I am trying to find out if this service
is offered in other areas of the U.S., specifically the Upper Pennisula
of Michigan. Does anyone have any more info on this subject?

Thanks, Mike

****
* Mike Mitchell *
* Northern Michigan University *
* 129 Gant Hall *
* Marquette, MI 49866 *
* (906) 227-3441 *
* mimitche@nmu.edu *
****

5408. Re: SEX SEX SEX. GOOD INFO

Newsgroup: rec.radio.scanner
Date: 1994-11-14 01:19:51 UTC
From: fporlowi@prairienet.org
Message-ID: <3a6dvn$6uh@vixen.cso.uiuc.edu>
Source record: 265717

In a previous article, blunt@pipeline.com (Michael J. Hogan) says:

>When your for real and dad give you the scanner
>Maybe I'll help out.
>
>blunt@pipeline.com
>
>
>kkearney@blkbox.com (Kyle Kearney) wrote:
>
>
>>
>>141.167.251.68@ev_security1_pc.Syntex.com wrote:
>>
>>: NOW THAT I HAVE YOUR ATTENTION,
>>
>>: I WOULLD LIKE SOME INFORMATION OR FREQUENCIES FOR
>>CELL PHONE AND CORDLESS
>>: PHONES. IN RETURN, I CAN GIVE YOU SOME MILITARY
>>FRQUENCIES......
>>Those freqs are is to come by and I would have been
>>glad to send em BUT with such a misleading subject
>>line........Nah..Let someone else do it. Post like
>>that p*ss me off.
>>--KDK
>

Well you got my attention. There are ten cordless phone frequencys
46.610, 46.630, 46.670, 46.710, 46.730, 46.770, 46.830, 46.870, 46.930,
and 46.970. there are also 5 baby monitor frequencys 49.830, 49.845,
49.860, 49.875, and 49.890. Sometimes you get half a cordless
conversation on a baby monitor freq. This is because some phones use one
of these freq for the handsett.
Cell phones is another matter the best thing to do is just scan from
about 870 to 912 if you can and see what you find. If your scanner
doesent get thes freq's try scanning from as close to 900 as you can get
up to about 925 or so and you may be able to find some.

--
Are we having fun yet?

Frank

5409. Re: Weather Reports via Scanner & Modem

Newsgroup: rec.radio.scanner
Date: 1994-11-14 01:47:33 UTC
From: g9153402@huey.csun.edu
Message-ID: <3a6fjl$gei@nic-nac.CSU.net>
Source record: 265722

Mitchell, Michael C (MIMITCHE@NMU.EDU) wrote:
> Back when I livedin Chicago, I used to hook an old scanner up to my mode
> m and recieve weather reports and warnings as they were broadcast. The
> frequency used was 147.060 Mhz. I am trying to find out if this service
> is offered in other areas of the U.S., specifically the Upper Pennisula
> of Michigan. Does anyone have any more info on this subject?

> Thanks, Mike

National Weather Service forecasts are usually found on at least one of
these frequencies, depending where you live, and what weather office
is broadcasting where & what frequency:

162.55
162.4
162.475
162.425
162.45
162.5
162.525

You may find other weather frequencies. I hear several others from where
I live, which are local airports issuing weather forcasts/conditions
for pilots.

5410. Re: "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-14 02:18:15 UTC
From: josephl@clark.net
Message-ID: <3a6hd7$3u6@clarknet.clark.net>
Source record: 265724

Dave Bushong (dbushong@wang.com) wrote:
: rotnapple@aol.com (RotnApple) writes:

: >Ah-

: >So what IS the frequency?

: 42.

Can't be 42 MHz!!! that is state police radio frequency.

--

Joseph A. Liu

Yea, though I walk through the valley of the shadow of death,
I shall fear no Evil. For Thou art with me...
Yea, though I live in the most decadent amoral society on Earth,
I shall fear no Evil. For the Republicans have just taken Congress...
****

5411. Re: SEX SEX SEX. GOOD INFO

Newsgroup: rec.radio.scanner
Date: 1994-11-14 02:22:31 UTC
From: josephl@clark.net
Message-ID: <3a6hl7$3u6@clarknet.clark.net>
Source record: 265525

141.167.251.68@ev_security1_pc.Syntex.com wrote:

: NOW THAT I HAVE YOUR ATTENTION,

: I WOULLD LIKE SOME INFORMATION OR FREQUENCIES FOR CELL PHONE AND CORDLESS
: PHONES. IN RETURN, I CAN GIVE YOU SOME MILITARY FRQUENCIES......

Can't trust a dickhead like you that know all about military frequencies
but is clueless when come to coldless and cellular. Get a life.--

Joseph A. Liu

Yea, though I walk through the valley of the shadow of death,
I shall fear no Evil. For Thou art with me...
Yea, though I live in the most decadent amoral society on Earth,
I shall fear no Evil. For the Republicans have just taken Congress...
****

5412. Re: Caller ID

Newsgroup: rec.radio.scanner
Date: 1994-11-14 02:33:56 UTC
From: julian@kesteven.win-uk.net
Message-ID: <66@kesteven.win-uk.net>
Source record: 265711

Recently, Glen L. Roberts (fd@wwa.com) wrote:
[much snip]
>Isn't that ring something like 80VAC?? That's not something I'd like
>to pump through my scanner.

It could well be. I'm not up to speed on US TComms, but if the system is anything like UK, The so-called 80VAC would actually be a bias of 50VDC (some prefer +25V and -25V :-), but the pd remains the same) with an AC superimposition for the ring. If I'm anywhere close, an in-line capacitor (select your value carefully) would be a good start. I still wouldnt want to feed the signal in directly!

Julian

5413. Selling scanner?

Newsgroup: rec.radio.scanner
Date: 1994-11-14 04:24:55 UTC
From: darian@MCS.COM
Message-ID: <3a6oqn$euk@Mercury.mcs.com>
Source record: 265527
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Anyone out there have a PRO-2034 for sale? How about any
similar desktop model?

Thanks! :)
--

+---+
| Darian Mychals darian@mcs.com |
| PC specialist/Network troubleshooter by day... |
| Emergency Medical Technician (EMT) by night! |
| =-=-=-=-=-=-=-=-=-=-=-=-=-=-= |
| ftp: ftp://ftp.mcs.com/mcsnet.users/darian |
| WWW: http://www.mcs.com/~darian/home.html |
+---+

5414. Those strings of numbers on SW.

Newsgroup: rec.radio.scanner
Date: 1994-11-14 04:39:54 UTC
From: g9153402@huey.csun.edu
Message-ID: <3a6pmq$na8@nic-nac.CSU.net>
Source record: 265712
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

I'm relatively new as a SW listener, so this has probably been asked ad-nauseum, but what are those strings of numbers broadcasted on SW. Tonight (Sunday) I here a man saying groups of numbers, constantly, at 5.770 mhz. Reading material I have says "spy" transmissions for the last 30 years. If you ask me, this is quite a low-tech way of transmitting super-secret stuff these days. So who's spying, and what's the code? ...Just hope no one gives me the line, "I can tell you, but if I do I'll have to shoot you"...

5415. Re: ****Need Freqs for AUSTIN/ROUND ROCK TEXAS

Newsgroup: rec.radio.scanner
Date: 1994-11-14 04:50:41 UTC
From: robert1159@aol.com
Message-ID: <3a6qb1$elb@newsbf01.news.aol.com>
Source record: 265707

In article <39uit4$5hd@geraldo.cc.utexas.edu>, mpg-man@mail.utexas.edu (Michael P. Guentzel) writes:

I am the state editor for Texas for Radio Communications Monitoring Association. While I don't have a list on this compter that I can upload, I have many lists that you might be interested. there are just far to many to upload.

You are welcome to call me. My home number is 218-9375.

you say you were interested in Round Rock and I see that you already have some frequencies to work with. EMS is done by Williamson county on 462.975 they share the frequency with Austin EMS which makes for lots of Interfearance depending on where you live. Listen for Round Rock EMS units 804 and 806. Even number units are BLS and Odd numbered ones are ALS.. (or is it the other way around .. hum) .. anyway. .just listen and you'll figure it out. All the rest for Williamson county has already been given to you in previous responses. Listen out especially on their back channel 5.. for lots of good stuff. The Garden Ridge pottery by my house on 1325 and I35 uses 154.570 but that is common and several businesses. I am looking for frequencies for DELL security. They use rent-a-cops. Call for more info

5416. Re: Grove Scanner Beam-info please

Newsgroup: rec.radio.scanner
Date: 1994-11-14 04:55:28 UTC
From: robert1159@aol.com
Message-ID: <3a6qk0$en7@newsbf01.news.aol.com>
Source record: 265708

In article <1994Nov13.191534.1@cad3.uccb.ns.ca>, rling@cad3.uccb.ns.ca writes:

i've herd people say this antenna is overpriced but works good.
have you considered a directional antenna for 800 mhz.
much more tuned to your specifics. A friend who lives in a town about 40 miles away uses a directional 800 to make calls with his cellular which is cheaper than the landline depending on where he is calling.

5417. Re: Info on the 2500xlt

Newsgroup: rec.radio.scanner
Date: 1994-11-14 06:55:50 UTC
From: jds0447@ultb.isc.rit.edu
Message-ID: <1994Nov14.065550.28142@ultb.isc.rit.edu>
Source record: 265719

In article <39rsnv$eqr@jake.esu.edu> prynda@esu.edu (Barbara Prynda) writes:
> I would like to know if anyone has purchased or has any info the
>Baercat 2500xlt. I just saw this unit in a sales flyer a the specs look
>quite well.

I own one and can't say enough about it. It's really great. It's light
and not that big so it can be taken anywhere. It scans very fast. It's
400 channel, and I'm actually using almost every channel. It has nice
features.

ANything specific you want to know, please let me know.

--

Jon Spewak
jds0447@ultb.rit.edu

5418. Re: "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-14 07:06:51 UTC
From: joshk@soda.CSUA.Berkeley.EDU
Message-ID: <3a72ab$9ha@agate.berkeley.edu>
Source record: 265714

Joseph A. Liu (josephl@clark.net) wrote:
: Dave Bushong (dbushong@wang.com) wrote:
: : rotnapple@aol.com (RotnApple) writes:

: : >Ah-

: : >So what IS the frequency?

: : 42.

: Can't be 42 MHz!!! that is state police radio frequency.

boy, you haven't read douglas adams have you..

5419. PRO-32 and PRO-2023

Newsgroup: rec.radio.scanner
Date: 1994-11-14 07:10:27 UTC
From: joshk@soda.CSUA.Berkeley.EDU
Message-ID: <3a72h3$9ha@agate.berkeley.edu>
Source record: 265715

Does anyone have mods for these scanners?
I'd appreciate FTP sites or the files e-mailed..
thanks a lot..

5420. Re: time via radio

Newsgroup: rec.radio.scanner
Date: 1994-11-14 08:33:48 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1994Nov14.083348.19717@grian.cps.altadena.ca.us>
Source record: 265721

pgoldsmi@bu.edu (Philip Goldsmith) writes:

> In the US, WWV in Colorado, located at wherever the US's atomic clock
>is there, broadcasts in the clear on 5MHz, 10MHz, and 15MHz. It is a voice
>SSB transmission and actually ticks on each second. It should be able to be
>received anywhere in the US.
> Phil Goldsmith
> pgoldsmi@acs.bu.edu

They also have a 100hz subcarrier that specially designed digital clocks
can receive and decode (like Heathkits "Most Accurate Clock"). I do
know that the WWV people had an applications note on a decoder design.
Does anybody have c copy of that apps note? With Heathkit gone, getting
that apps note and buiulding your own decoder may be the only way to get
a self-setting clock...

--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

5421. Re: 8500xlt Opinions

Newsgroup: rec.radio.scanner
Date: 1994-11-14 11:57:57 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.9.000BF7A0@ccm.hf.intel.com>
Source record: 265473

In article <39tend$4gl@post.its.mcw.edu> mmjjmm@post.its.mcw.edu (Michael Malloy) writes:

>I am seeking opinions on the Uniden 8500XLT and wonder how it compares to
>the 2006.

Overall, its not bad. It is typical Uniden: great features and looks, but
poor RF with intermod problems. If you live in a high RF environment it might
not be the best choice. Unless you are really in love with the alpha readout,
get the 2006.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5422. Re: Scanners

Newsgroup: rec.radio.scanner
Date: 1994-11-14 12:11:02 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.10.000C2F77@ccm.hf.intel.com>
Source record: 265468

In article <Cyz9zB.1rq@murdoch.acc.Virginia.EDU> es8m@holmes.acc.Virginia.EDU (Edward Strauss) writes:

> I have an old Uniden handheld that finally died. I am trying
>to choose between a Pro-51 or a Sportcat to replace it. The
>Pro-51 is $299.00 and the Sportcat is $186.00. Considering all
>the mods. that are available, is the Pro-51 worth the extra
>cash?? Both are made by Uniden in the Phillipines and I tried
>the keyboard trick to put the Pro-51 into the service scan mode
>(band,2,9..L/O,2,9) but it did not pick up anything in the
>store. The Sportcat would pick up decent in the store but I did
>not know of anything to try on it. So... Any and all information
>will be greatly appreciated. Thanks.

If you are willing to go to $299, you may want to check the BC 220XLT. I think the price is around $260. I would prefer it over the 51 or Sportcat. It will search at 300cps and has lockout during search. Check it out.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5423. Israel Shortwave may

Newsgroup: rec.radio.scanner
Date: 1994-11-14 12:28:00 UTC
From: derek.buchler@channel1.com
Message-ID: <40.11688.2433@channel1.com>
Source record: 265720

Just for demonstration purposes:

RC> And while you are writing letters to governments, how about one to
RC> your congressman, one to each of your two senators and one to the
RC> president and one to the new speaker of the house and the new senate
RC> majority leader and ask them to introduce legislation that repeals
RC> the scanner ban of 92, repeals all radio monitoring prohibitions
RC> contained in the Digital Telephony Bill, and one that repeals the
RC> ban on cellphone listening contained in the ECPA86.

RC> Remind them that an ordinary 10 year old TV can monitor cellular,
^^^^^^
RC> remind them that cellphone security is easily achieved by using
^^^^^^
RC> voice encryption,or digital cellular. Remind them that digital
^^^^^^
RC> cellular will replace analog cellular due to market forces (they
RC> need more efficient spectum utilization), remind them that the US
^^^^^^
RC> Federal Appeals court have determined that users of cordless
RC> telephones have no expectation of privacy since their transmission
RC> is unencrypted, and remind them that cellphone fraud is illegal
^^^^^^
RC> without the DT bill and that it creates a dangerous legal structure
RC> where legitimate, non criminal use of radios and computers is in
RC> question.

RC> Remind them that they are elected as agents to do the will of the
^^^^^^
RC> people and without the will of the people that they have no job in
RC> 1996. Also remind them that the above mentioned list of items is our
^^^^^^
RC> will.

The only thing that needs being reminded here is that you are either
OFF TOPIC or forgot to change the subject line.

Most of us aren't as paranoid as you. Go ahead and write all you want.
Just don't tell the rest of us what to do.

Derek

* RM 1.4 B0223 * When your IQ reaches 28, sell.

5424. Re: Help: Increase reception

Newsgroup: rec.radio.scanner
Date: 1994-11-14 12:33:34 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.11.000C8F97@ccm.hf.intel.com>
Source record: 265528

In article <Cz4MLH.CoI@inmet.camb.inmet.com> soto@hous.inmet.com (David Soto) writes:

>I have a portable scanner I received as a gift (Uniden Sportcat). I
>primarily want to listen to the aircraft band. The help I need is to
>increase the reception. With the regular antenna, I have to be within a
>mile to hear the tower and aircraft on the ground. I'm hoping to be
>able to receive as far as 20 miles. Is this hopeless?

A discone antenna on the roof will probably do the trick for you. Radio Shack
sells one that isn't too bad for about $60. If you want a slightly better
one, get the Diamond discone sold by Grove and others.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5425. Re: Advice: A good desktop model

Newsgroup: rec.radio.scanner
Date: 1994-11-14 12:46:39 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.12.000CC76E@ccm.hf.intel.com>
Source record: 265503
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <3a1e2u$pll@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:

>Any suggestions for a good desktop shortwave radio. Something that I can
>neatly stack below or above my RS PRO-2006 scanner. Minimum requirements
>are digital, BFO, 150 khz - 30.000 Mhz, and fairly good sensitivity. Also,
>since I'm not made of money, it has to be below $1,000, but would prefer
>it even be below $500.00.

The Yaesu FRG-100 is a good radio for the money. The next step up would
probably be the Drake R8.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5426. Re: ECPA give you the right to listen to Police/Fire ?

Newsgroup: rec.radio.scanner
Date: 1994-11-14 13:18:18 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.13.000D4E7C@ccm.hf.intel.com>
Source record: 265565

In article <Cz6sFt.H0E@world.std.com> gdallal@world.std.com (Jerry Dallal) writes:

> I went through my copy of the ECPA and found Section 2511,
> 2(g)ii,II, but I don't know what to make of 2(g)iii,I.
> What *is* section 633 of the Communications Act of 1934?

> --
[snip]

> (II) by any governmental law enforcement, civil
> defense, private land mobile, or public safety
> communications system, including police and fire,
> readily accessible to the general public;

In a previous section of the ECPA:

(16) "readily accessible to the general public" means, with respect to
a radio communication, that such communication is not--

(A) scrambled or encrypted;

(B) transmitted using modulation techniques whose essential parameters
have been withheld from the public with the intention of preserving the
privacy of such communication;

(C) carried on a subcarrier or other signal subsidiary to a radio
transmission;

(D) transmitted over a communication system provided by a common
carrier, unless the communication is a tone only paging system
communication; or

(E) transmitted on frequencies allocated under part 25, subpart D, E,
or F of part 74, or part 94 of the Rules of the Federal Communications
Commission, unless, in the case of a communication transmitted on a
frequency allocated under part 74 that is not exclusively allocated to
broadcast auxiliary services, the communication is a two-way voice
communication by radio;

So, to me, it looks like there is no right to listen to ALL public service
comms.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5427. story: Patron saint of mailboxes

Newsgroup: rec.radio.scanner
Date: 1994-11-14 13:40:06 UTC
From: dwhite@dsys.ncsl.nist.gov
Message-ID: <3a7pbm$ak8@dove.nist.gov>
Source record: 265536

All weekend, my wife has been calling me the "Patron saint of mailboxes". Here's why...

Friday night, some kids were driving around in our "neighborhood", whacking mailboxes. (The "neighborhood" is about 12 farmhouses in a 5 mile radius) They got my in-law's box, next door, but missed ours, probably because our hose is on the road, 30 feet from the mailbox.

So, Saturday night, I'm just crashing in bed about 10:30 when I hear two metallic "whang!"s - that particular hollow mailbox-crushing sound - followed by gravel being spewed and a car accellerating quickly. I figure we're hit, so I putt on outside with a flashlight to check.

Turns out that it wasn't us, but the neighbor to the east. I looked around some more anyway, and found a fence gate open, went over a closed it. As I'm walking back around the barn, I hear 4 "whang!"s, gravel thrown and a car to the west... but the car is heading TOWARD me.

With a big grin, I step behind a big oak tree near the road. The car rounds a corner, gets up to the tree, and I lean out with the flashlight on. Just like deer, the kids look at the light as they go by, and I get the tag numbers along with a look at the faces.

Now the fun starts. I go inside dial up 911, give 'em the poop, and fire up the scanner. The call goes out to the state and local town police, to keep an eye out for the plate & description of the car; they send a town cop to the owner's home, just in case.

Now, since we live 5 miles from the state line, I figured - no way. They're headed north ASAP for a while... but I must've scared something out of 'em, because they caught a state cop's attention going a bit too fast. Turns out that the driver had no license, an underage girl in the car was drunk, and none of 'em had brains enough to fill a thimble.

So the cops had 'em dead to rights in under 10 minutes, 10 miles from our place, and called in all the info. A cousin, who also has a scanner, dug out her high school yearbook, found the name, remembered the guy, and called us up asking "Any excitement up your way?" She said that she wasn't surprized that the guy was smashing boxes, and wasn't surprized he got caught, either. :-)

As we listened, one of the kids decided to rat on the others for a break, and the state cop said they'd be cruising the roads to find the boxes they hit. Sure enough, 5 minutes later, the cruiser passed by, and they circled around a few times as the kid spilled the beans.

I figure, kids will be kids, but these kids were stupid enough to come back two nights in a row (or unlucky enough to follow someone the night before), to double back past a box they hit, and driving around too drunk to care. They deserved what they got. :-)

Douglas White NIST Bldg 225, Rm. A216 Gaithersburg, MD 20899
Phone: (301) 975-2182 FAX: (301) 840-8550 dwhite@dsys.ncsl.nist.gov
* My opinions are not necessarily NIST's, nor theirs necessarily mine *

5428. Wanted: Dutchess County, NY Freq Source

Newsgroup: rec.radio.scanner
Date: 1994-11-14 13:45:29 UTC
From: jocatch@vnet.ibm.com
Message-ID: <3a7plplNNj6s@afshub.boulder.ibm.com>
Source record: 265537

I am looking for an accurate list of Dutchess County, NY frequencies. Stuff like police, fire, business, hostipals, highway, etc. I have already a rather long list but there are alot of errors in it. Like one freq being listed as both an ambulance and school bus. Plus I have found some new freqs myself and need to identify them.

Dutchess County consist of 'major' cities of Poughkeepsie, Fishkill, Wappingers Falls and the like.

I already have Police Call and Beyond Police Call. I guess I am looking for something BEYOND Beyond Police Call. 8-)

Joe Cacciatore

5429. Re: Need freq's in Illinois

Newsgroup: rec.radio.scanner
Date: 1994-11-14 14:30:19 UTC
From: Fernando.Botelho@NapervilleIL.NCR.COM
Message-ID: <Fernando.Botelho.4.000981A5@NapervilleIL.NCR.COM>
Source record: 265569

In article <1994Nov10.162648@fnalv.fnal.gov> colombo@fnalv.fnal.gov (Rick Colombo) writes:
>From: colombo@fnalv.fnal.gov (Rick Colombo)
>Subject: Need freq's in Illinois
>Date: 10 Nov 94 16:26:48 -0600

>I need the freq's used at O'Hare airport, both the ground tower and Aurora.
>Also, police/fire for Schaumburg and Hoffman Estates, Illinios.

Aurora Municipal:
CTAF: 120.60
Unicom: 122.95
ATIS: 125.85
Approach (Chicago): 133.50
Clearance Delivery: 121.70
Ground: 121.70
Tower: 120.60

Ohare (might be old)
CTAF North: 126.9
CTAF South: 120.75
ATTIS: 135.40
Approach East: 119.00
Approach West: 125.7
Clearance Delivery: 121.60 / 119.25
Ground Outbound: 121.75
Ground Inbound: 121.90
Tower N: 126.9
Tower S: 120.75

5430. Re: "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-14 16:09:24 UTC
From: jwdxt@boco.co.gov
Message-ID: <3a823k$mk1@news-1.boco.co.gov>
Source record: 265541
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur

I don't know about the "Kenneth" part, but it always amazed me that
the media never speculated that maybe, just maybe, somebody out
there actually didn't like Dan Rather.

5431. Re: "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-14 16:13:12 UTC
From: izm@panix.com
Message-ID: <3a82ao$6is@panix.com>
Source record: 265540

```
In article <3a6hd7$3u6@clarknet.clark.net>,
Joseph A. Liu <josephl@clark.net> wrote:
>Dave Bushong (dbushong@wang.com) wrote:
>: rotnapple@aol.com (RotnApple) writes:
>
>: >Ah-
>
>: >So what IS the frequency?
>
>: 42.
>
>Can't be 42 MHz!!! that is state police radio frequency.
>
>--
>
>Joseph A. Liu

The reference is from Tolkien

--
-------------------------------------------------------------------------------
izm@panix.com Israel Moskowitz WA2ZKG
-------------------------------------------------------------------------------
```

5432. Re: "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-14 16:14:29 UTC
From: izm@panix.com
Message-ID: <3a82d5$6v7@panix.com>
Source record: 265542

```
In article <3a72ab$9ha@agate.berkeley.edu>,
Josh Kneubuhl <joshk@soda.CSUA.Berkeley.EDU> wrote:
>Joseph A. Liu (josephl@clark.net) wrote:
>: Dave Bushong (dbushong@wang.com) wrote:
>: : rotnapple@aol.com (RotnApple) writes:
>
>: : >Ah-
>
>: : >So what IS the frequency?
>
>: : 42.
>
>: Can't be 42 MHz!!! that is state police radio frequency.
>
>boy, you haven't read douglas adams have you..
>

OF COURSE!!! You are right (it wan't Tolkien), SORRY.

--
-------------------------------------------------------------------------------
izm@panix.com Israel Moskowitz WA2ZKG
-------------------------------------------------------------------------------
```

5433. Re: BC250 query

Newsgroup: rec.radio.scanner
Date: 1994-11-14 16:31:07 UTC
From: dans@rehab1.UUCP
Message-ID: <1128@rehab1.UUCP>
Source record: 265493

In article <1126@rehab1.UUCP> dans%rehab1@canal.org (Dan Schein) writes:
>
> Ive seem to have misplaced my manual for the BC 250 and have 2 questions.
>
> 1) How do you reset the "count"? It appears to top out at 99.
>
> 2) How do you toggle the tape on/off (appears as a dot in the lower left
> corner). I have a few set to on and naturally their not the ones I want.
>
[Poor net manners to reply to your own post. But....]

I have received this information already.

Thanx!

-Dan
--
|\ /|
E-Mail: dans%rehab1@canal.org 'O.O' Reading Rehabilitation Hospital
(or) : rehab1!dans@canal.org =(___)= RD 1 Box 250
Fax : (610) 796-6342 U Reading, PA 19607

5434. Appeal to the wise

Newsgroup: rec.radio.scanner
Date: 1994-11-14 16:32:04 UTC
From: geordie@mv.mv.com
Message-ID: <Cz9n9G.CD5@mv.mv.com>
Source record: 265550

I'm new to this scanner world, and I have some basic questions about how it all works. I just picked up a Radio Shack 50-channel programmable, and any help you all could give me in understanding how to use it and how it works would be greatly appreciated.

Here goes...

1) How do scanners pick up cordless telephones and cell telephones? What's the technology? If I'm talking to a person who has a cordless telephone, but I have a regular phone, can my conversation be scanned? What kind of distance are we talking about?

2) Someone wrote that there's a Clinton bill that makes it illegal to use scanners to listen to phone conversations - true? What bill? Was this addressed in the crime bill?

And what U.S. Appeals Court said that there is no expectation of privacy on cordless phones? What's the scanner ban of '92?

Who makes scanners 800 freq and up? Anyone other than Radio Shack?

And finally, if you don't have the patience to answer these questions in detail, is there an up-to-date FAQ somewhere that might help?

Thanks in advance.

Jo

5435. Re: preamp

Newsgroup: rec.radio.scanner
Date: 1994-11-14 16:52:43 UTC
From: domonkos@access.digex.net
Message-ID: <3avnkiubGc6U066yn@access.digex.net>
Source record: 265545

> >can a pre amp be used on a scanner to help bring in weak signals?
>
> It might. But more often it makes weak signals HARDER to hear by
> overloading the scanner's front end with storng signals on other
> frequencies.
>
>
> --
> Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
> ------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

I use the GRE Super Amplifier on my Pro-43, no images, overload, or intermod. The better the scanner's front end, the less problems with the preamp.

Andy

5436. Re: Taco Bell Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-14 16:53:24 UTC
From: domonkos@access.digex.net
Message-ID: <UfvnkiubG663066yn@access.digex.net>
Source record: 265546

In article <1994Nov11.132329.16259@knight.vf.ge.com>, Scott A. McMullan wrote:
>
>
> Is someone maintaining a list of frequencies in use at fast food places?
>
> Apologies in advance if this is a FAQ; I can't seem to coax my newsreader
> into giving me articles back far enough for me to tell.
>
> Thanks!
>

Hey, maybe Radio Shack should publish Beyond Police Call 2: FAST FOOD

Just $9.95....

Andy :-)

5437. Re: FREQUENCY INTELLIGENCE DIRECTORY

Newsgroup: rec.radio.scanner
Date: 1994-11-14 16:54:12 UTC
From: domonkos@access.digex.net
Message-ID: <vovnkiubGcxH066yn@access.digex.net>
Source record: 265547

In article <3a1ptv$s0m@sefl.satelnet.org>, Bob Sherman wrote:
>
> Since the author of the book still sits as a federal prisoner in a
> Ft. Lauderdale jail (it's been 2 months, and still no bond has been set,
> lots of things have happened since the original dumpster arrest), I
> doubt that there are many issues around to be purchased. Even if/when
> he gets out, the feds took all of his computers, and the files kept
> with them, and they included all of the information and files used to
> publish the book so it will be a long time before there could ever be
> a new update of the book.
>
> --
> bsherman@satelnet.org

Reassuring they put a guy like this in jail, guess he won't be beating
anybody to death with his Motorola HT220, eh?

5438. Re: story: Patron saint of mailboxes

Newsgroup: rec.radio.scanner
Date: 1994-11-14 16:55:22 UTC
From: domonkos@access.digex.net
Message-ID: <5-vnkiubGgMA066yn@access.digex.net>
Source record: 265548

In article <3a7pbm$ak8@dove.nist.gov>, Douglas White wrote:
> All weekend, my wife has been calling me the "Patron saint of mailboxes".
> Here's why...
>
> Friday night, some kids were driving around in our "neighborhood", whacking
> mailboxes. (The "neighborhood" is about 12 farmhouses in a 5 mile radius)
> They got my in-law's box, next door, but missed ours, probably because our
> hose is on the road, 30 feet from the mailbox.

...

Good job! Kids in Florida weren't so lucky several years ago in Florida.
A old timer who's mailbox was hit several weekends in a row Rigged up his
mailbox with gunpowder (I forgot exactly what was used, it ws explosive).
Anyway, the kids came by and whakced the box but got a surprise this time.
The 'whacker' wound up in the hospital with serious facial burns. Guess
he didn't see it coming :-)

The home owner was arrested, not sure of any convictions though.

Andy

5439. Re: US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-14 17:11:37 UTC
From: cboes@osf1.gmu.edu
Message-ID: <3a85o9$s39@portal.gmu.edu>
Source record: 265549

Andy Domonkos (domonkos@access.digex.net) wrote:
: In article <cjs9.171.000C60F1@cornell.edu>, Carl Steckler wrote:
: >
: > Kent state was National Guard. They have no Constitutional prohabition on
: > acting against U.S. citizens as the U.S. military does. But the thought that
: > scares the hell out of me is that somewhere someone is thinking about using
: > troops to forcibly take our scanners\guns\liberties away. Paranoid maby, but
Forget U.S. troops, it is the BATF that we should worry about. They
kill innocent people every day, just because they legally own guns and
the BATF arbitrarily decided they should not.

--
****
cboes@osf1.gmu.edu
****

Ride the steam roller, or stand there wimpering and die!

5440. Re: Those strings of numbers on SW.

Newsgroup: rec.radio.scanner
Date: 1994-11-14 17:19:27 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cz9pGF.1EI@freenet.carleton.ca>
Source record: 265531
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In a previous article, g9153402@huey.csun.edu (Berton Corson) says:

>I'm relatively new as a SW listener, so this has probably been asked
>ad-nauseum, but what are those strings of numbers broadcasted on
>SW. Tonight (Sunday) I here a man saying groups of numbers, constantly,
>at 5.770 mhz. Reading material I have says "spy" transmissions for the
>last 30 years. If you ask me, this is quite a low-tech way of trans-
>mitting super-secret stuff these days. So who's spying, and what's
>the code? ...Just hope no one gives me the line, "I can tell you, but
>if I do I'll have to shoot you"...
>
No one really knows what these numbers stations are, there has been so
much speculation about them for 30+ years now. As for low tech, well SW
radios are cheap and plentiful, would probably not raise any eyebrows
if you were to own one. BTW the USAF still broadcasts SKYKING messages
which are coded messages ("Skyking, Skyking...do not answer... Hotel,
Mike, Bravo etc...") The guys up in the B-52's will verify todays code
and will either fly to target, or not. I copied the numbers b'cast as
well and had a pretty fair signal here in Ottawa, Canada (lat/long
W75. 44' N45.24').

73's

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

5441. PRO-2006

Newsgroup: rec.radio.scanner
Date: 1994-11-14 17:58:43 UTC
From: dooman@indirect.com
Message-ID: <Cz9r9v.JAz@indirect.com>
Source record: 265551

--

<<< - dooman ** dooman@indirect.com ** Randy DeForest - >>>

5442. Re: FOR SALE: Official Massachusetts Scanner Guide 3rd Edition

Newsgroup: rec.radio.scanner
Date: 1994-11-14 18:12:58 UTC
From: jkearman@arrl.org
Message-ID: <1994Nov14.181258.11320@arrl.org>
Source record: 265558

Michael Crestohl (mc@shore.net) wrote:
: I just picked up the new SCANNER MASTER directory for Massachusetts
: and would like to find a new home for my old book - its the
: Official Massachusetts scanner guide published by Robert Coburn W1JJO
: and covers police, fire, emergency and much more including 800 MHz
: business. I've had it for about three years so its not that out of date.
: I'll sell it for $8.00 plus postage/UPS. Its in excellent condition
: (covers not bent, spine not cracked, pages not falling out, etc). If
: interested please send e-mail.

A suggestion: Donate the book to your local public library.

Jim Kearman

jkearman@arrl.org

5443. Re: SEX SEX SEX. GOOD INFO

Newsgroup: rec.radio.scanner
Date: 1994-11-14 18:21:59 UTC
From: josephl@clark.net
Message-ID: <3a89s7$fbv@clarknet.clark.net>
Source record: 265552

Joseph A. Liu (josephl@clark.net) wrote:
: 141.167.251.68@ev_security1_pc.Syntex.com wrote:

: : NOW THAT I HAVE YOUR ATTENTION,

: : I WOULLD LIKE SOME INFORMATION OR FREQUENCIES FOR CELL PHONE AND CORDLESS
: : PHONES. IN RETURN, I CAN GIVE YOU SOME MILITARY FRQUENCIES......

: Can't trust a dickhead like you that know all about military frequencies
: but is clueless when come to coldless and cellular. Get a life.--
:
: Joseph A. Liu

I mean cordless not coldless.

Joe

5444. Re: Caller ID

Newsgroup: rec.radio.scanner
Date: 1994-11-14 20:14:30 UTC
From: fd@wwa.com
Message-ID: <3a8gf7$qgq@sashimi.wwa.com>
Source record: 265555

Julian C Grammer (julian@kesteven.win-uk.net) wrote:
:
: Recently, Glen L. Roberts (fd@wwa.com) wrote:
: [much snip]
: >Isn't that ring something like 80VAC?? That's not something I'd like
: >to pump through my scanner.

: It could well be. I'm not up to speed on US TComms, but if the
: system is anything like UK, The so-called 80VAC would actually be a
: bias of 50VDC (some prefer +25V and -25V :-), but the pd remains
: the same) with an AC superimposition for the ring. If I'm anywhere
: close, an in-line capacitor (select your value carefully) would be
: a good start. I still wouldnt want to feed the signal in directly!
:

: Julian

I said nothing about the ring being 80VAC... its more like 90.

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback? With name?
email for uuencoded .TIF of T-Shirt Honoring the FBI
Remember, fd _IS FOR_ Full Disclosure!

5445. Re: Those strings of numbers on SW.

Newsgroup: rec.radio.scanner
Date: 1994-11-14 20:29:52 UTC
From: gdallal@world.std.com
Message-ID: <Cz9y9s.GMK@world.std.com>
Source record: 265556
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Berton Corson (g9153402@huey.csun.edu) wrote:
: I'm relatively new as a SW listener, so this has probably been asked
: ad-nauseum, but what are those strings of numbers broadcasted on
: SW. Tonight (Sunday) I here a man saying groups of numbers, constantly,
: at 5.770 mhz. Reading material I have says "spy" transmissions for the
: last 30 years. If you ask me, this is quite a low-tech way of trans-
: mitting super-secret stuff these days. So who's spying, and what's
: the code? ...Just hope no one gives me the line, "I can tell you, but
: if I do I'll have to shoot you"...

There's a good article about numbers stations in the latest Monitoring Times.
(I *swear* Bob Grove plant's these questions. :-))

5446. MDTs

Newsgroup: rec.radio.scanner
Date: 1994-11-14 20:42:43 UTC
From: levy@fndcd.fnal.gov
Message-ID: <1994Nov14.144243@fndcd.fnal.gov>
Source record: 265529

I'm looking for info on the encoding format used by the Mobile Data Terminals many police organizations are using now. It sounds very much like other types of radio data transmission, but the $64,000 question is, it it encrypted?

Any info appreciated.

5447. Re: story: Patron saint of mailboxes

Newsgroup: rec.radio.scanner
Date: 1994-11-14 20:47:49 UTC
From: levy@fndcd.fnal.gov
Message-ID: <1994Nov14.144749@fndcd.fnal.gov>
Source record: 265530

In article <3a7pbm$ak8@dove.nist.gov>, dwhite@dsys.ncsl.nist.gov (Douglas White) writes:

<snip>

Good story. It's always good to hear when the good guys win one.

--
==
[Fermi National Accelerator Laboratory]
==
[Mark E. Levy, N9RXF |]
[BitNet: LEVY@FNAL | Unix: The only computer virus]
[Internet: LEVY@FNAL.GOV | with a user interface.]
[HEPnet/SPAN: FNAL::LEVY (VMS!) | (such as it is...)]
==

5448. Trans-Atlantic Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-14 21:00:42 UTC
From: mxs5837@vaxa.isc.rit.edu
Message-ID: <1994Nov14.210042.4162@ultb.isc.rit.edu>
Source record: 265538

Anyone out there know what the trans-atlantic airline
frequencies may be?? Tried to scan for some with no luck.

Mike.

5449. FORSALE: Icom R-1 receiver

Newsgroup: rec.radio.scanner
Date: 1994-11-14 21:01:22 UTC
From: amigo@seanet.com
Message-ID: <3a8j72$4ds@kisa.seanet.com>
Source record: 265557
Cross-posted to: rec.radio.swap,rec.radio.scanner

```
FORSALE:
Icom R-1 Communications receiver.
- FULL coverage from .1-1300 MHz
(no blockage in the 870-890 MHz range)
- Includes original box, power supply, & manual
(excellent condition, had it for 6 months).

- These extras included:

- JIM M85 GaAs FET scanner pre-amplifier.
(adjustable gain from -10 dB up to +20 dB,
covering 24-2150 MHz).
- 4.5 ft (fully extended) antenna.
- BP-83 700 mAh battery pack.

-> Asking $450 shipped or best offer.

--> Scott
```

5450. Re: Mystic Star frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-14 21:05:53 UTC
From: Jonathan Smith <100422.2775@CompuServe.COM>
Message-ID: <3a8jfh$k36$1@mhadf.production.compuserve.com>
Source record: 265567
Cross-posted to: rec.aviation.military,rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

Thanks for taking the time to answer.

Up to 1st April, this year, I had gathered an almost complete list, through HARD listening.

As is the way, though, the USAF decided to change the complete tie-up of frequencies and Foxtrot Numbers. Unusually, this also included the addition of some new frequencies and presumably the deletion of some others!

I have now collected approx. 75 new tie-ups and I am hoping beat the system with the acquisition of someone else's hard work. This will allow me to get on with my main interest of DX'ing SAM comms. world-wide.

Scott is one of the Mystic Star relays that has been given up, however, many others remain VERY active.

LONG MAY THEY

5451. Re: ECPA give you the right to listen to Police/Fire ? (RS fines)

Newsgroup: rec.radio.scanner
Date: 1994-11-14 21:16:09 UTC
From: n9315@pnet16.navy.mil
Message-ID: <CzA0Ex.4C5@nctams1.uucp>
Source record: 265577

I work part-time at a Radio Shack, and before I started there, the manager told me that if he gets caught talking about how certain scanners can pick up cellphones, he gets a $5000 fine.

I haven't followed this up very much, but I think I will today. I'll post what I find out.

Unless otherwise stated, expressed view are my own. They may not be the opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.

Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded)
ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil

5452. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-14 21:17:03 UTC
From: simon@snake.wrs.com
Message-ID: <SIMON.94Nov14131703@snake.wrs.com>
Source record: 265533
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

>>>>> "Edward" == Edward McNamara <edmc@interaccess.com> writes:

Edward> This brings to mind the old NSA
Edward> Line-eaters. People would fill thier .sig files with all
Edward> the hot words and thus overload any supposed scanning. I
Edward> have read somewhere that most of the satalites launced by
Edward> National Recon. guys are used for interecepting phone
Edward> calls using this hot word technique ala, the movie. "Clear
Edward> and Present Danger."

Its built into Emacs: M-x spook

And just to be on the safe side...

PLO genetic Mossad Kennedy ammunition Ft. Meade FSF security Honduras
Noriega assassination jihad plutonium AK-47 Soviet

cryptographic SEAL Team 6 Honduras domestic disruption Peking North
Korea Clinton security NORAD BATF Croatian DES munitions class
struggle quiche

Legion of Doom arrangements FBI bomb Serbian jihad KGB SDI colonel
security South Africa Clinton Croatian Noriega Rule Psix

5453. Does the BC-120XLT have 800mhz?

Newsgroup: rec.radio.scanner
Date: 1994-11-14 21:25:53 UTC
From: russell@gonix.com
Message-ID: <russell.784848353@gonix>
Source record: 265560

TSIA. Does the new Uniden BC-120 have 800mhz coverage? I can't tell from the ads I've seen, but it would seem that it might not.

5454. Re: Those strings of numbers on SW.

Newsgroup: rec.radio.scanner
Date: 1994-11-14 21:50:07 UTC
From: copeland@metronet.com
Message-ID: <CzA1zK.8us@metronet.com>
Source record: 265532
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <Cz9pGF.1EI@freenet.carleton.ca>,
Darrell A. Larose <ad607@FreeNet.Carleton.CA> wrote:
>
>In a previous article, g9153402@huey.csun.edu (Berton Corson) says:
>
>>I'm relatively new as a SW listener, so this has probably been asked
>>ad-nauseum, but what are those strings of numbers broadcasted on
>>SW. Tonight (Sunday) I here a man saying groups of numbers, constantly,
>>at 5.770 mhz.
>
>No one really knows what these numbers stations are, there has been so
>much speculation about them for 30+ years now.

Seems a couple of hams could get a fix on the location using telemetry.

Find out the exact degree their antenna points for the strongest signal,
Using two points of reference, you could draw two lines till they
crossed, and bingo you know where they are.

Anyone tried?

--

| copeland@metronet.com |

5455. Re: FOR SALE- ICOM R7100-Unblocked

Newsgroup: rec.radio.scanner
Date: 1994-11-14 23:21:13 UTC
From: greg@core.rose.hp.com
Message-ID: <CzA67D.9Kt@icon.rose.hp.com>
Source record: 265562

Glenn Hansen (glennh@pnw.net) wrote:
: Richard Crisp (crisp@netcom.com) wrote:
: : In article <39n39r$23i@newsbf01.news.aol.com> johnr66374@aol.com (JohnR66374) writes:
: : >In article <39lfr4$iba@panix.com>, dube@panix.com (Brian Dube) writes:
: : >
: : >I'll give you $500.00
:
: : $525 here!
:
: Heck, I'll go $550! Best offer so far...do I get it??

$600, not a penny more. In fact, if anybody has a *blocked* IC-7100, I'll trade them for an *unblocked* (well, never blocked) IC-7000. Unlike most people it seems, I'm not interested in listening in on Cell calls, and the 7100 has a better receiver for use in Amateur Satellite downlinks.

Greg KD6KGW

5456. Advice Wanted...

Newsgroup: rec.radio.scanner
Date: 1994-11-14 23:55:17 UTC
From: drs3460@inxs.uta.edu
Message-ID: <1994Nov14.235517.2254@news.uta.edu>
Source record: 265573

[Article crossposted from alt.radio.scanner]
[Author was SMITH]
[Posted on Mon, 14 Nov 1994 22:18:55 GMT]

I'm looking around to buy my first scanner, and I have a few questions that I would be grateful if someone could explain a few things about:

1. How many channels are practical? I realize that a 1000 channel unit would be nice, but I don't think it's worth the extra cost of say a 200 channel unit. Is there any limitations to only 200 channels?

2. What does the "800-MHz trunked radio systems" feature entail?

3. How about "Triple-conversion circuit"?

4. Is there anything else I should look for?

Thanks in advance for any help, information on scanners seems to be hard to come by.

- darrell

5457. Re: "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-15 00:05:41 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <CzA89H.4A1@freenet.carleton.ca>
Source record: 265578

In a previous article, josephl@clark.net (Joseph A. Liu) says:

>Can't be 42 MHz!!! that is state police radio frequency.
>
>--
>
>Joseph A. Liu
>
>

Next time you happen to wander into a bookstore or library, pick up a
copy of Douglas Adams' _Hitchikers Guide to the Galaxy_, and take a gander
at it. Then you might clue into the little humor here!!

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

5458. Re: MDTs

Newsgroup: rec.radio.scanner
Date: 1994-11-15 00:14:51 UTC
From: rja@batcomfs.Eng.Sun.COM
Message-ID: <3a8uhr$r0v@engnews2.Eng.Sun.COM>
Source record: 265568

In article <1994Nov14.144243@fndcd.fnal.gov> levy@fndcd.fnal.gov writes:
>I'm looking for info on the encoding format used by the Mobile Data Terminals
>many police organizations are using now. It sounds very much like other types
>of radio data transmission, but the $64,000 question is, it it encrypted?
>
>Any info appreciated.
>

--
Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

The Constitution of the United States: R.I.P, 9/13/94
(the day Bill Clinton signed the Crime Bill)

5459. Re: Weather Reports via Scanner & Modem

Newsgroup: rec.radio.scanner
Date: 1994-11-15 00:42:27 UTC
From: muckn@uxa.ecn.bgu.edu
Message-ID: <3a905j$34o@ecom1.ecn.bgu.edu>
Source record: 265570

In article <13NOV94.20503258.0017@vm.nmu.edu>,
Mitchell, Michael C <MIMITCHE@NMU.EDU> wrote:
>Back when I livedin Chicago, I used to hook an old scanner up to my mode
>m and recieve weather reports and warnings as they were broadcast. The
>frequency used was 147.060 Mhz. I am trying to find out if this service
>is offered in other areas of the U.S., specifically the Upper Pennisula

Actually what you heard was not the national weather service. It was
a group of ham operators who did stormnet as part of their hobby. These
services may be available in your area, all you have to do is to get in
touch with the local amateur radio club and ask if they do such
activities. Otherwise check 162.475, 162.400, 162.500, these are the
national weather service. Personally I like the stormnet better.
Another option is to contact your local ESDA chapter- they often do
storm watches and reports and nearly all cities with a municipal fire
dept. have the service.

Hope this Helps

Chris Nowicki

5460. Re: sc150 sportcat

Newsgroup: rec.radio.scanner
Date: 1994-11-15 01:16:10 UTC
From: julian@kesteven.win-uk.net
Message-ID: <74@kesteven.win-uk.net>
Source record: 265580

In article <alacy.27.0014F5EA@skew.com>, skew (alacy@skew.com) writes:

[much snip...]

>I cut EVERY jumper in the damn thing, with nil results.
>It has a 1611 chip, soooo...if there is another scanner with this
>chip,
>maybe its mod will work!

you mean more nil results?

Julian

5461. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-15 01:24:19 UTC
From: dgoldst@somasf.unm.edu
Message-ID: <dgoldst-1411941824190001@medlab14.unm.edu>
Source record: 265534
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <SIMON.94Nov14131703@snake.wrs.com>, simon@snake.wrs.com (Simon Waddington) wrote:
> And just to be on the safe side...
>
>
> PLO genetic Mossad Kennedy ammunition Ft. Meade FSF security Honduras
> Noriega assassination jihad plutonium AK-47 Soviet
>
> cryptographic SEAL Team 6 Honduras domestic disruption Peking North
> Korea Clinton security NORAD BATF Croatian DES munitions class
> struggle quiche
>
> Legion of Doom arrangements FBI bomb Serbian jihad KGB SDI colonel
> security South Africa Clinton Croatian Noriega Rule Psix

Jihad twice? Must be hard trying to think new bad words. You left out the NRO, Los Alamos, Sandia, 239, 235 and a couple of others that I can't remember.

+---+
+ David Goldstein, University of New Mexico SOM Educational Computing
+ Coordinator
+---
+ Interspam: dgoldst@peterpan.unm.edu
+ Bitspam: dgoldst@unmb
+ DecSpam: unmb::dgoldst
+ Faxspam: Unknown at this time
+ Voicespam: 505-277-1992
+ SnailMailspam: UNM SOM, 915 Camino de Salud, Albuquerque, NM 87131
We do not believe any group of men adequate enough or wise enough to operate without scrutiny or without criticism. We know that the only way to avoid error is to detect it, that the only way to detect it is to be free to inquire. We know that in secrecy error undetected will flourish and subvert.
J. Robert Oppenheimer
+ The opinions expressed here are mine, as usual.
+ Any others are someone else's, just leave UNM out of it.

5462. New system in SC

Newsgroup: rec.radio.scanner
Date: 1994-11-15 01:35:09 UTC
From: allen@tricetv.ColumbiaSC.NCR.COM
Message-ID: <CzACEL.86A@ncrcae.ColumbiaSC.NCR.COM>
Source record: 265602

There is a new 800mhz trunked system in the Columbia, S.C. area. I spent some time this weekend searching some 800 bands and found some in use between 856-861mhz. I've listed below the freqs I got hits on. The control channel was switched once a day at midnight Saturday and Sunday. If anyone knows of any other freqs in use plese E-mail to me. I haven't seen these published anywhere except for the four freqs noted below. The system appears to be shared by State Highway Patrol, Lexington County Sheriff and EMS, and a maintenance crew of some kind, possibly an electrical crew.

Freqs published in The Frequency Almanac by U.S. Scanner News

851.8125 nothing heard
851.4875 nothing heard
856.7125 data transmissions?
857.7125 data Transmissions?

Freqs found in search mode--groups listed above heard on all these:

857.0375
857.1375
857.1625
857.3375
857.3625
858.0375
858.1625
858.3375
858.3625
859.0375
859.1375
859.1625
859.3375
860.0375
860.1375
860.1625

Hope this helps,

Allen

5463. N.S. Canada freq's please !

Newsgroup: rec.radio.scanner
Date: 1994-11-15 01:50:49 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Nov14.214701.1@cad3.uccb.ns.ca>
Source record: 265574

Hello:
I'm looking for any Nova Scotia frequency's.
I'm located in the eastern part of the province and would appericate
any freq's e-mailed to me.
I'm also looking for the cellular site locations in the eastern part
of the province. System A or System B .
Thanks in advance...
Ron

5464. Canadian Frequency Database !!

Newsgroup: rec.radio.scanner
Date: 1994-11-15 01:53:00 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Nov14.214920.1@cad3.uccb.ns.ca>
Source record: 265535

Hi:
Does anyone know of a Canadian Frequency Database on disk or cd rom?
Ron

5465. Re: ftp sattelite images

Newsgroup: rec.radio.scanner
Date: 1994-11-15 02:13:11 UTC
From: Victor Healey <vhealey@crl.com>
Message-ID: <3a95fn$g2c@nntp.crl.com>
Source record: 265575

Sure point your w3 browser, preferably Netscape to by clicking on tthis next line
http://www.atmos.uiuc.edu/wxworld/html/general.htmll
or this next one
http://rs560.cl.msu.edu/weather/interactive.html

These will pop you around to a neat set of satalite images and movies.
I use the first one all the time.

Vic Healey ki4je
E mailto:vhealey@crl.com

For a really neat expierence read this post using Netscape to scan
news:rec.radio.scanner . I bet you didn't realize you could do what I
did in this message. :>) <grin>

Try clicking on all the highlighted areas. My favorite usenet group
is news:talk.rumors

> In article <Pine.HPP.3.91.941106002838.13852A-100000@holmes.ece.orst.edu>, brian varine
<varine@ece.orst.edu> writes:
>
> >About the request for satellite images. You can get WX images from the
> >GOES sattelite at: geograf1.sbs.ohio-state.edu. There are visible, IR and
> >composite images they're pretty neat.
>
> Are there any other sites with the GOES images? That site doesn't allow guest
> login for some reason (at least when I tried).
>
> -sikkid

5466. Re: PRO-2021 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-15 02:25:22 UTC
From: rjf8396940@aol.com
Message-ID: <3a966i$t44@newsbf01.news.aol.com>
Source record: 265576

In article <3a4jms$2dr@newsbf01.news.aol.com>, jerrybake@aol.com (JerryBake) writes:

I have one too...I did the mod and it worked fine.
Good Scanning!

Rich

5467. Re: ****Need Freqs for AUSTIN/ROUND ROCK TEXAS

Newsgroup: rec.radio.scanner
Date: 1994-11-15 03:10:57 UTC
From: sikkid@axpvms.cc.utexas.edu
Message-ID: <3a98s1$k1q@geraldo.cc.utexas.edu>
Source record: 265589

On the topic of Austin freqs, does anyone rebroadcast the shuttle communications locally (in Austin)? I know the recent mission is over, but it would be something to check out on future missions.

-sikkid

5468. HELP! Yupi 7100 Question!

Newsgroup: rec.radio.scanner
Date: 1994-11-15 03:18:16 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <3a999o$j35@oak.oakland.edu>
Source record: 265581

Hi.

Working on my buddies fried 7100. I need the values of R82 and R83.

Anyone have a schematic for this thing?

73 =paul= wb8zjl

5469. Pro-2035 features/mods

Newsgroup: rec.radio.scanner
Date: 1994-11-15 03:20:18 UTC
From: tpenner@abq-ros.com
Message-ID: <10482COEGSPQDYVXHKX@abq-ros.com>
Source record: 265593

Can anyone provide some information about the cellular coverage and mods for the Radio Shack Pro-2035? Does anyone have any comments about it's quality or quirks or perhaps some positive comments? I'm considering purchasing a Pro-2035 but want some info first. Thanks!@

--
The Albuquerque ROS - (505) 296-3000

5470. Uniden MR8100 Software Request

Newsgroup: rec.radio.scanner
Date: 1994-11-15 04:05:14 UTC
From: tieplate@aol.com
Message-ID: <3a9c1q$190@newsbf01.news.aol.com>
Source record: 265584

Am looking for the Uniden MR8100 software and cabling info. The sofware is no longer available from Uniden. Thanks for any help.

5471. Re: Advice Wanted...

Newsgroup: rec.radio.scanner
Date: 1994-11-15 04:15:33 UTC
From: danm@pnw.net
Message-ID: <3a9cl5$5ib@cascade.pnw.net>
Source record: 265583

In article <1994Nov14.235517.2254@news.uta.edu>,
SMITH <drs3460@inxs.uta.edu> wrote:
>[Article crossposted from alt.radio.scanner]
>[Author was SMITH]
>[Posted on Mon, 14 Nov 1994 22:18:55 GMT]
>
>I'm looking around to buy my first scanner, and I have a few questions
>that I would be grateful if someone could explain a few things about:
>
>1. How many channels are practical? I realize that a 1000 channel unit
>would be nice, but I don't think it's worth the extra cost of say a 200
>channel unit. Is there any limitations to only 200 channels?

Yes and no. Depends on other things ... how many "banks" of how
many channels each does the 1000 channel unit have? If you organize your
scanner by sercies or geographical areas (as many of us do) 10 banks of
20 channels each is often not quite enough banks. I'd NEVER have qa
scnner with less than 20 banks per channel or the option of setting the
number in a bank (I THINK some units used to let you do this) as it is
pretty easy to find 20 or close to that number for each bank. If the
difference is price is too extreme or at all affordable and everything
else is equal go for the extra channels - especially if configured in a
larger number of banks. I consider 200 a minimum for your everyday
primary use scanner.

>2. What does the "800-MHz trunked radio systems" feature entail?

The 800 mHz range of freqs includes some services aht 'share" a
group of frequencies on a complex computer controlled basis. You need a
scanner that will receive this range, but there are none that will
automatically "follow" the indidiual conversation from frequency to
frequency other than by scanning all those involved. Sound confusing? It
is! Suffice it to say you want a scnner that receives (and does so well)
this range of frequencies. Because these 'trunked" systems use a large
number of channels this is another argument for a large number of
channels and banks in the unit you purchase.

>3. How about "Triple-conversion circuit"?

Complex technical stuff. You need it if available and all the
other features are what you want. Very good to ahve in an urban
RF-saturated envirornment.

>4. Is there anything else I should look for?

Aircraft coverage with AM mode (pretty common) and Military Air
band (200 - 400 mHz in AM mode>. I'd not consider a scanner without it.
Sooner or later you'll want to listen and it isn't that tough to find.

A real good entry level scanner that meets all MY minimums is the
Radio Shack PRO-43 (soon to be replaced by another unit like the PRO-60
or something.) Be careful of what the Shack salesdroids tell you. They
will often know less thant what you now know after reading this post.
OTHERS: please chime in and help this guy!

--
==
+ Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ... +
+ Auburn, WA | and whoever is playing against the New York Mets! +
+ GEnie:D.MORISSEAU |I-NET:danm@andes.pnw.net (pref) OR danm@prostar.com +

5472. Help protect me from lightning

Newsgroup: rec.radio.scanner
Date: 1994-11-15 04:15:48 UTC
From: Stewart@gate.net
Message-ID: <3a9clk$32k@tequesta.gate.net>
Source record: 265582

I have an ICOM R7100, 75' of Belden 9913, and the ICOM scanner antenna. What can I do to protect myself from lightning. I live in Florida, so you can understand my concern. I have been disconecting the cable when not in use, and this is getting old. I am new to scanning and would welcome any comments or suggestions.

Thanks in advance,

Earl Stewart

5473. Re: Need Information on Uniden MR8100

Newsgroup: rec.radio.scanner
Date: 1994-11-15 04:25:13 UTC
From: tieplate@aol.com
Message-ID: <3a9d79$1fa@newsbf01.news.aol.com>
Source record: 265586

In article <39kj09$eur@newsbf01.news.aol.com>, scan911@aol.com (SCAN911)
writes:

Am looking for MR8100 software. My local dealer no longer sells the 8100
or the software. Thanks for any help.

5474. Looking for 217 Mhz coverage?

Newsgroup: rec.radio.scanner
Date: 1994-11-15 04:44:41 UTC
From: John Kirby <jkirby@mcs.com>
Message-ID: <3a9ebp$apg@News1.mcs.com>
Source record: 265587

11/14/94
I'am looking for a scanner that covers 217 Mhz. This is the animal tracking range. The new "full" coverage scanners take this range in, however they are quite expensive. Does any one know of a low end scanner that covers this range or perhaps an older model. If someone does and knows the make and model number I can then keep my eye out for one in the trade papers, etc. Any help would be appreciated, thanks.

John A. Kirby jkirby@mcs.com
Saint Charles, Illinois _____
60174 A CITIZEN IN THE STATE OF YARAK

5475. Cellular - Buyer

Newsgroup: rec.radio.scanner
Date: 1994-11-15 04:45:38 UTC
From: avidnvs@aol.com
Message-ID: <3a9edi$1o3@newsbf01.news.aol.com>
Source record: 265590

I am VERY interested in cellular and am having a difficult time getting straight answers. Any assistance would be greatly appreciated and rewarded.

Basically I need to know what do I need to get in.

What scanner is the best and who sells it?
What is the deal with this Curtis ESN product?
Where does one get the mod's?
What about changing ESN's
Where do you find software?
What is DDI
Can any one source put together all the pieces and just SELL it to me?

Signed Lazy with Cash

Thanx

5476. Re: Advice Wanted...

Newsgroup: rec.radio.scanner
Date: 1994-11-15 05:23:25 UTC
From: "Gregory yea... you can call me Greg" <gregmason@delphi.com>
Message-ID: <58-Vce9.gregmason@delphi.com>
Source record: 265591

SMITH <drs3460@inxs.uta.edu> writes:

>I'm looking around to buy my first scanner, and I have a few questions

Go to radio shack... get Police Call. There is a forward that is very
informative. You'll find answers to the questions youve asked, and lots you
.
---Greg

5477. Re: Weather Reports via Scanner & Modem

Newsgroup: rec.radio.scanner
Date: 1994-11-15 05:24:09 UTC
From: rdale@nyx10.cs.du.edu
Message-ID: <3a9glp$30l@nyx10.cs.du.edu>
Source record: 265592

In article <3a6fjl$gei@nic-nac.CSU.net>,
Berton Corson <g9153402@huey.csun.edu> wrote:
>> Back when I livedin Chicago, I used to hook an old scanner up to my mode
>> m and recieve weather reports and warnings as they were broadcast. The
>> frequency used was 147.060 Mhz. I am trying to find out if this service
>> is offered in other areas of the U.S., specifically the Upper Pennisula
>> of Michigan. Does anyone have any more info on this subject?
>
>> Thanks, Mike
>
>National Weather Service forecasts are usually found on at least one of
>these frequencies, depending where you live, and what weather office
>is broadcasting where & what frequency:
>
>162.55
>162.4
>162.475
>162.425
>162.45
>162.5
>162.525
>
>You may find other weather frequencies. I hear several others from where
>I live, which are local airports issuing weather forcasts/conditions
>for pilots.
>

Those are voice frequencies -- a modem is a device that connects
to your computer which allows for decoding of digital data... The Chicago
service is run by amateur radio operatorsand I doubt anyone in the UP
offers such a service.

Rob

5478. MARS OBSERVER ANY/ALL INFO.

Newsgroup: rec.radio.scanner
Date: 1994-11-15 05:43:11 UTC
From: n6@cyberden.com
Message-ID: <2456416253.5033682@cyberden.cyberden.com>
Source record: 265485

THIS IS NOT A SPAM * IT IS A QUEST FOR INFORMATION!

We will keep the closest confidence of reports regarding the MARS OBSERVER it's transmissions and it's demise... WE only have half the truth right now...we're still looking for the other 1/2...

The Mars Observer was a NASA probe to Mars that FAILED less than a week in Mars orbit..after transmitinting the SPHINX images from the MARS surface (available at CYBERDEN in Forbidden Subjects - Dir)... Just a few years earlier te Russians sent a probe to Mars and it also "disabled" - these probes are known to last decades in space on atomic batteries... What Gives???

WE want any and all info on the Mars Observer... Why did it disable? - Anyone got D/L'd images...

Alien sands...

Help..please...

send any all info to:

parasite@cyberden.com

THANK YOU for your help!

--
The CyberDen - Worldwide Alternative Music & Entertainment Network
415-472-5527 - Labels, Zines, Multimedia, Bands, Artists, Cultures
cyberden.com - Telnet and anonymous FTP -> Info: info@cyberden.com

5479. Re: ****Need Freqs for AUSTIN/ROUND ROCK TEXAS

Newsgroup: rec.radio.scanner
Date: 1994-11-15 06:05:49 UTC
From: gregm@ccwf.cc.utexas.edu
Message-ID: <gregm-1411942305490001@slip-2-25.ots.utexas.edu>
Source record: 265539

In article <3a6qb1$elb@newsbf01.news.aol.com>, robert1159@aol.com
(Robert1159) wrote:

> In article <39uit4$5hd@geraldo.cc.utexas.edu>, mpg-man@mail.utexas.edu
> (Michael P. Guentzel) writes:
>
> I am the state editor for Texas for Radio Communications Monitoring
> Association. While I don't have a list on this compter that I can upload,
> I have many lists that you might be interested. there are just far to
> many to upload.

What is this group??? I'm not familiar with them
>

> you say you were interested in Round Rock and I see that you already have
> some frequencies to work with. EMS is done by Williamson county on
> 462.975 they share the frequency with Austin EMS which makes for lots of
> Interfearance depending on where you live.
>Listen for Round Rock EMS
> units 804 and 806.

WCEMS runs only ALS (Advanced Life Support) units. Unit 803 is a
volunteer fire department standby unit as is 805 I believe.
If I remember correctly unit 801 is the shift supervisor and unit 802 is
the director, John Sneed. I may have those unit numbers switched

****
= Greg Middleton gregm@ccwf.cc.utexas.edu =
= Firefighter/EMT =
= Travis County Fire Control =
= Austin, Tx =
****

5480. Re: PRO-2021 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-15 06:55:02 UTC
From: jerrybake@aol.com
Message-ID: <3a9m06$3ae@newsbf01.news.aol.com>
Source record: 265543

In article <3a966i$t44@newsbf01.news.aol.com>, rjf8396940@aol.com (RJF8396940) writes:

Thanks for the response! Looks like I know what I'll be doing tomorrow night!

5481. Re: Need advice on putting antenna in attic

Newsgroup: rec.radio.scanner
Date: 1994-11-15 07:34:58 UTC
From: schroederk@rcwusr.bp.com
Message-ID: <1994Nov15.023458.1279@rcwusr>
Source record: 265544

In article <ross-101194162247@earl.llnl.gov>, ross@novax.llnl.gov (Gary Ross) writes:
> In article <jschribr.784451567@crash.cts.com>, jschribr@crash.cts.com (Jeff
> Schriber) wrote:
>>
>> I live in a condo and so I can not put a scanner antenna on my roof.
>> The next best thing I figure would be to put an antenna up in the
>> attic. I'm thinking of getting a discone because of its wide frequency
>> coverage and omnidirectional properties. In the Grove catalog they
>> sell a discone with an additional vertical element to enhance 30-50MHz
>> coverage for $85 plus shipping. Radio Shack has a discone without the
>> vertical element for about $55. Would that vertical element greatly
>> enhance low band reception (especially cordless phone)?
>>
>
>
>
> I would like to add another question to the above post. If one were to add
> a center vertical element to the RS discone, would that severly upset the
> transmitting SWR at 2 meters?
>
> Gary
>
> --
> The ramblings expressed above do not reflect the opinions of LLNL.
>
> Gary Ross Ross@NOVAX.LLNL.GOV
> Lawrence Livermore National Laboratory Rossman@aol.com
> NOVA Laser Operations
> P.O. Box 808, L-489
> Livermore, CA 94551
>
>
I had a realistic discone once, and was happy with it. I put a 69"
vertical element in the middle of it, and it did help out with the vhf-low
stuff. I don't think it had much effect on transmitting on 2 meters either.
It may have been luck, or maybe wherever I got the mod idea from had
transmitting in mind when they recommended the length. I don't think there is
much too critical about discones in general though.
One other observation; a couple years after I had put it up, it went
through an ice storm, and a couple of the lower elements didn't make it. I
checked it out later and although the elements themselves are stainless, the
small threaded piece that is crimped into them is / was made of what looked
like pot metal. It was very brittle, and when I tried to straighten out the
remaining elements, some of them broke. I don't know if the Grove/Diamond

discone is the same way, but it may be worth a try.
Just my 2 cents.....

Kevin Schroeder

N8SXU@KB8GNF.#NWOH.OH.US.NOAM
schroederk@rcwusr.bp.com
schroekt@clipo1.usachem.msnet.bp.com

5482. Pro-43 "Priority" broke

Newsgroup: rec.radio.scanner
Date: 1994-11-15 09:17:09 UTC
From: brueger@infi.net
Message-ID: <brueger.325.0020457E@infi.net>
Source record: 265605

The other day I noticed that while monitoring one channel I was not getting anything from my priority channel. I kept watch and sure enough it seems to be inoperative. If you watch the display, it flickers every two seconds like it should when it scans the priority channel but nothign comes across.

Anyone have this experience and any idea what would RS charge to fix it.

Thanks

Brian

5483. Pro-2023 - Any mods for this little scanner?

Newsgroup: rec.radio.scanner
Date: 1994-11-15 09:45:08 UTC
From: CMOORE@wpo.csd.scarolina.edu
Message-ID: <CMOORE.142.0009C0E5@wpo.csd.scarolina.edu>
Source record: 265563

The 2032 mod went fine last night (after I hosed most of my settings). Is there anything I can do to the 2023 I have out in my shop??

Thanks.

My opinions are probably my own...although the aliens speaking to me from my toaster seem to be having some influence on me of late...

"Captain...not in front of the Klingons..."

Carl.Moore@scarolina.edu

5484. Pope Visit To Australia

Newsgroup: rec.radio.scanner
Date: 1994-11-15 10:10:00 UTC
From: paul.britton@satcom.mhs.oz.au
Message-ID: <332.275.120@satcom.mhs.oz.au>
Source record: 265553

With the pope coming to Australia later this year/early next year, does anyone have any frequencies for the Pope's protectors and any Pope frequencies in general...

Paul

Internet: paul.britton@satcom.mhs.oz.au (Paul Britton)
Fidonet : 3:714/905
Satcom Australia Space & Satellite BBS
Sydney Australia 612-9050849 28.8k
612-9057694 28.8k

5485. U.S. Virgin Islands Freq needed

Newsgroup: rec.radio.scanner
Date: 1994-11-15 11:13:10 UTC
From: fk192@cleveland.Freenet.Edu
Message-ID: <3aa546$jaa@usenet.INS.CWRU.Edu>
Source record: 265554

I will be heading to the U.S. Virgin Islands in a few weeks
and will be taking my scanner along. Anyone have a list of frequncies
for the U.S. Virgin Islands.

John Udvari
fk192@cleveland.freenet.edu

5486. Pros

Newsgroup: rec.radio.scanner
Date: 1994-11-15 12:19:58 UTC
From: dpfg@ukc.ac.uk
Message-ID: <5550@rook.ukc.ac.uk>
Source record: 265599

Are the various Pro machines eg 39 and 43 sold by Tandy in
Britain still fully capable of getting cordless phones etc.?

t'would not want to buy a dud ....

--
Beware of psychologists called Rob

5487. Re: Help protect me from lightning

Newsgroup: rec.radio.scanner
Date: 1994-11-15 12:56:26 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CzB7y3.8r5@nntpa.cb.att.com>
Source record: 265601

In article <3a9clk$32k@tequesta.gate.net>, E. Stewart <Stewart@gate.net> wrote:
>I have an ICOM R7100, 75' of Belden 9913,
> and the ICOM scanner antenna. What can I
>do to protect myself from lightning.
> I live in Florida, so you can understand my concern.
>I have been disconecting the cable when not in use,
> and this is getting old....

Disconnecting *and grounding* the antenna when not in use is still
the best protection. I perform the ritual for my tallest antennas
and constructed an antenna patch panel to ease connection/disconnection.

It consists of a large steel electrical box with a hinged door.
There's two rows of feedthrough coax connectors -- the type which
are threaded their entire length -- mounted through holes on the front
panel. One row is for antennas and the other for radios. Inside
the panel are lightning protectors.

When not in use, I attach a shorted PL-259 to the antenna
feedthroughs using a spring-type push-on connector.
I have a set of short coax jumper cables I use to patch any radio
to any antenna.

Sure, there are small losses due to the connectors, but they
are insignificant in my application. Also, it would be better
from a lightning standpoint to keep the patch panel outdoors,
but I keep it inside for convenient access instead.

Lose the discone and erect and antenna which is at "DC ground."
Most discones float above DC ground and are more prone to let
a charge build up or become a lightning attraction. Some radios
have a high value resistor between the center pin of the
antenna terminal and ground to bleed off static charge.

In general, I don't recommend a discone for the main outdoor
antenna -- especially in lightning prone areas. My FAA-surplus
discone sits far below my other antennas, which are at DC ground.
--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5488. Re: MDTs

Newsgroup: rec.radio.scanner
Date: 1994-11-15 13:22:23 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.14.000D5FE3@ccm.hf.intel.com>
Source record: 265226

In article <1994Nov14.144243@fndcd.fnal.gov> levy@fndcd.fnal.gov writes:

>I'm looking for info on the encoding format used by the Mobile Data Terminals
>many police organizations are using now. It sounds very much like other types
>of radio data transmission, but the $64,000 question is, it it encrypted?

>Any info appreciated.

I do not think that the data is encrypted, per se, but the data format is
proprietary so the effect is the same. For example, how do you know if they
send the letter 'A' as 1110010111011100 or 1001101010001 or 10110110?? My
point is they can send the data however they want (and this assumes that they
are using two frequencies to send the data, -high & low rather than some RZ
or NRZ scheme).

You need some inside info!

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5489. 25.95 MHz RPB NW USA?

Newsgroup: rec.radio.scanner
Date: 1994-11-15 13:31:45 UTC
From: wbloss@delphi.com
Message-ID: <J8w10bJ.wbloss@delphi.com>
Source record: 265603

Been hearing a CBS radio station RPB on this frequency lately.
Lotsa QSB, always fades out @ ID time :(, I Think is from
Portland area or at lease NW USA. Any ideas? Add this to the
Florida and Cincinatti station that haave frequent 25 MHz RPB's

Thanks

Wally Bloss
A Human
WB0BAV

5490. Re: PRO-43 DISCONTINUED?

Newsgroup: rec.radio.scanner
Date: 1994-11-15 13:34:49 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-1511940734490001@net58.metronet.com>
Source record: 265611

In article <3a5i9u$sp3@gaia.ucs.orst.edu>, traynort@ucs.orst.edu (Tedd Traynor) wrote:

> .... My Radio Shack dealer said that THE PRO -43 HAS BEEN DISCONTINUED too.
> Rat Shack said the Pro-62 is replacing it but the Pro-62 does not receive the
> Military band. Is this true? Has there been a bill passed to outlaw
> access to the military air channels? Just a little concerned.

Well, tell him that the Pro-43 is in the 1995 Catalog, and that RS does indeed have them in stock. I suggest you call other RS dealers. If not, I can give you the address/phone # of a bunch here in the Dallas-Fort Worth area that have plenty of Pro-43 stock (I just bought one).

The Pro-62 doesn't have the mil air band, and I SUSPECT it's alot harder to modify (if not impossible) for cellular coverage.

--
Marc B. Grant | Fax: 214-231-3998 | "There's no excuse
marcbg@metronet.com | Pager: 214-246-1150 | to drink bad beer"
Amateur Radio N5MEI | | - Solona Beach Brewery

5491. Re: Weather Reports via Scanner & Modem

Newsgroup: rec.radio.scanner
Date: 1994-11-15 13:37:34 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-1511940737340001@net58.metronet.com>
Source record: 265612

In article <13NOV94.20503258.0017@VM.NMU.EDU>, "Mitchell, Michael C"
<MIMITCHE@NMU.EDU> wrote:
> Back when I livedin Chicago, I used to hook an old scanner up to my mode
> m and recieve weather reports and warnings as they were broadcast. The
> frequency used was 147.060 Mhz. I am trying to find out if this service
> is offered in other areas of the U.S., specifically the Upper Pennisula
> of Michigan. Does anyone have any more info on this subject?

147.06 is an amateur frequency, and I suspect that this was done on packet
radio as a service to other amateurs. The fact that you could receive it
was, well, just an ancillary benifit! This particular service would vary
upon area, but the frequency is certainly not standard. Sounds like a
service performed by a local ham or ham club.

--
Marc B. Grant | Fax: 214-231-3998 | "There's no excuse
marcbg@metronet.com | Pager: 214-246-1150 | to drink bad beer"
Amateur Radio N5MEI | | - Solona Beach Brewery

5492. Re: THE 10TH AMENDMENT RESOLUTION OF THE STATE OF COLORADO

Newsgroup: rec.radio.scanner
Date: 1994-11-15 14:27:02 UTC
From: keith@fc.hp.com
Message-ID: <3aagfm$3gk@tadpole.fc.hp.com>
Source record: 265559
Cross-posted to: alt.activism,alt.fan.rush-limbaugh,alt.politics.clinton,alt.politics.libertarian,alt.politics.perot,alt.president.clinton,alt.wired,rec.radio.scanner,rec.radio.shortwave,talk.politics.misc

Peter C Everett (pce@world.std.com) wrote:
: s29417@rex.sea.sikorsky.com wrote:
: : THE 10TH AMENDMENT RESOLUTION OF THE STATE OF COLORADO

: Looks great! Is this something that has passed, or is it merely
: proposed? (an important distinction)

: Peter C. Everett

I think it has passed and a number of other states are looking at it very hard
(maybe some have also passed it?)
--
John Keith keith@fc.hp.com

5493. Re: Icom 7100 vs. 7000

Newsgroup: rec.radio.scanner
Date: 1994-11-15 14:28:05 UTC
From: evans@pogo.den.mmc.com
Message-ID: <1994Nov15.142805.23247@den.mmc.com>
Source record: 265606

In article <39terg$4qg@post.its.mcw.edu>, mmjjmm@post.its.mcw.edu (Michael Malloy) says:
>
>I have been looking at both of these radios and wonder what people think
>of them in comparison. They seem to be very close in price.
>--
>Michael J. Malloy Amateur Radio N9WJV
>Medical College of Wisconsin Compuserve 70334,3563
>Milwaukee, Wisconsin Internet mmjjmm@post.its.mcw.edu
>

If you plan to use the CIV interface and connecting either the 7000 or 7100 radio to a computer,
choose the 7100. It has a considerable more features that can be selected using the computer
interface. The 7000 model only allows basic programmability like frequency and mode setting. The
7100 will allow information like signal strength and squelch status. In general, the computer
interface can control almost every function on the 7100 while the interface can only control a
couple of the functions of the 7000. I have been writing software to control my 7100. Using
the computer as a scanning controller, the scan speed of the 7100 can be increased
to about 15 channels/sec.

Since the performance of the two receivers is approximately equivalent. The only disadvantage
I have seen with the 7100 is the center frequency meter. But it is a small price to pay for
all the addition control.

Eric Evans
Littleton, CO

5494. Re: Pro-43 "Priority" broke

Newsgroup: rec.radio.scanner
Date: 1994-11-15 15:17:38 UTC
From: brueger@infi.net
Message-ID: <brueger.335.00193DD7@infi.net>
Source record: 265594

In article <CzBItE.B2I@nntpa.cb.att.com> parnass@nwsf.ih.att.com (Bob Parnass, AJ9S) writes:
>From: parnass@nwsf.ih.att.com (Bob Parnass, AJ9S)
>Subject: Re: Pro-43 "Priority" broke
>Summary: check priority channel programming first
>Date: Tue, 15 Nov 1994 16:51:12 GMT

>In article <brueger.325.0020457E@infi.net>,
>Brian J. Rueger <brueger@infi.net> wrote:

>In modern Radio Shack scanners, users can designate any of the memory
>channels as a priority channel. For example, the sequence for
>designating channel 42 as the priority channel is PROGRAM, 42,
>PRIORITY, if I recall.

Bob,

I thought that in the Pro-43, only channel 1 could be listed as the priority channel????

Thanks

Brian

5495. austin tx

Newsgroup: rec.radio.scanner
Date: 1994-11-15 15:35:29 UTC
From: larsenk@austin.ibm.com
Message-ID: <CzBFB7.3C37@austin.ibm.com>
Source record: 265600

Keywords: private security

could you (greg Middleton) at your convience upload what you have on rent-a-cops it seems that both (robert1159)and myself are some what interested in listening to want-to-be cops. surfing the frequencies i was able to fine only one that stanley smith security uses thanks Ken

5496. Re: THE 10TH AMENDMENT RESOLUTION OF THE STATE OF COLORADO

Newsgroup: rec.radio.scanner
Date: 1994-11-15 15:35:39 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <3aakgb$1kd8@yuma.ACNS.ColoState.EDU>
Source record: 265561
Cross-posted to: alt.fan.rush-limbaugh,alt.law-enforcement,alt.politics.clinton,alt.politics.libertarian,alt.politics.perot,alt.president.clinton,alt.wired,rec.radio.scanner,rec.radio.shortwave,talk.politics.misc

In article <CzA6JL.GB@world.std.com> pce@world.std.com (Peter C Everett) writes:
>s29417@rex.sea.sikorsky.com wrote:
>: THE 10TH AMENDMENT RESOLUTION OF THE STATE OF COLORADO
>
>Looks great! Is this something that has passed, or is it merely
>proposed? (an important distinction)

I believe it was passed in 1876 or shortly after.

Galen, 4th gen. Colorado native

5497. Wanted Bucks County PA frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-15 15:43:53 UTC
From: jernandez@pbs.org
Message-ID: <jernandez-151194104353@jernandez.pbs.org>
Source record: 265572

Can someone please provide the fire, police, and EMS frequencies for Bucks County PA? Or can someone point to an FTP or WWW site for the frequencies?

Thanks in advance

--
John J. Ernandez
Communication Systems Engineer
Public Broadcasting Service

"My Favorite Location On the Pennsy" MP-46.8 Plainsboro, NJ

E-Mail jernandez@pbs.org Member:PRR Technical & Historical Society
Phone: 703-739-5474 Southern Railway Historical Association
Amateur Radio: KA2YAP

5498. Re: MDTs

Newsgroup: rec.radio.scanner
Date: 1994-11-15 16:10:06 UTC
From: ken@mitre.org
Message-ID: <3aamgu$o5v@linus.mitre.org>
Source record: 265613

In article <1994Nov14.144243@fndcd.fnal.gov>
levy@fndcd.fnal.gov writes:

> I'm looking for info on the encoding format used by the Mobile Data Terminals
> many police organizations are using now. It sounds very much like other types
> of radio data transmission, but the $64,000 question is, it it encrypted?
>
> Any info appreciated.
>
Don't think so, at least not in the Northern Va area. I believe that it is
2400bps POCSAG, but can't tell for sure. Also note that the EPCA describes
some communications that may be illegal to monitor that are:

transmitted using modulation techniques whose essential parameters
have been withheld from the public with the intention of preserving the
privacy of such communication;

Ken

My opinions are mine own.

5499. Re: Those strings of numbers on SW.

Newsgroup: rec.radio.scanner
Date: 1994-11-15 16:13:25 UTC
From: cking4@be0227.be.ford.com
Message-ID: <cking4.7.001039C6@be0227.be.ford.com>
Source record: 265477
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <Cz9y9s.GMK@world.std.com> gdallal@world.std.com (Jerry Dallal) writes:
>From: gdallal@world.std.com (Jerry Dallal)
>Subject: Re: Those strings of numbers on SW.
>Date: Mon, 14 Nov 1994 20:29:52 GMT

>There's a good article about numbers stations in the latest Monitoring Times.
>(I *swear* Bob Grove plants these questions. :-))

Probably to boost sales of "numbers" related publications at Grove Enterprises.
:)

C.K.

5500. Looking for catalogs, flyers, dealers, etc.

Newsgroup: rec.radio.scanner
Date: 1994-11-15 16:18:59 UTC
From: tom.sepka@n9csa.com
Message-ID: <9411152350232457@n9csa.com>
Source record: 265425

I'm interested in getting back into scanners. Looking for info on
what's available on the market. Like to get catalogs/info to get back
up to speed. Anyone know where to write/who to call?
Thanx,
tom s.

5501. Mods for Pro-2032 wanted

Newsgroup: rec.radio.scanner
Date: 1994-11-15 16:44:23 UTC
From: rsharp@paul.spu.edu
Message-ID: <3aaoh7$iir@adam.spu.edu>
Source record: 265614

Please send the mods for the Pro-2032. Thank you much.

5502. Re: Pro-43 "Priority" broke

Newsgroup: rec.radio.scanner
Date: 1994-11-15 16:51:12 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CzBItE.B2I@nntpa.cb.att.com>
Source record: 265598

In article <brueger.325.0020457E@infi.net>,
Brian J. Rueger <brueger@infi.net> wrote:

>The other day I noticed that while monitoring one channel I was not getting
>anything from my priority channel. I kept watch and sure enough it seems to
>be inoperative. If you watch the display, it flickers every two seconds like
>it should when it scans the priority channel but nothign comes across.

In modern Radio Shack scanners, users can designate any of the memory
channels as a priority channel. For example, the sequence for
designating channel 42 as the priority channel is PROGRAM, 42,
PRIORITY, if I recall.

Make sure you have designated the priority channel you think you
have and that a sane frequency is programmed in it.
--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5503. 2 Numbers stations (LONG)

Newsgroup: rec.radio.scanner
Date: 1994-11-15 17:05:00 UTC
From: chris.brewster@f98.n250.z1.tor250.org
Message-ID: <e0b15181@f98.n250.z1.tor250.org>
Source record: 265566

things here on USENET. Any reference material, archive articles and logs sent to me will be passed on to Chris for inclusion into the newsletters.

Mike Chace <mikec@praxis.co.uk>

--

Chris Brewster Cray Research, Inc.

5504. Numbers stations (LONG)

Newsgroup: rec.radio.scanner
Date: 1994-11-15 17:05:05 UTC
From: cb@cray.com
Message-ID: <CB.94Nov15110520@willow021.cray.com>
Source record: 265619
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

I've saved a couple of postings on numbers stations. Here they are. They include information about the locations.

NUMBERS HF stations

This topic has been discussed in the past, but I found this nice summary the other day. It might be interesting to the newer reader of this forum:

"Spy Numbers Transmissions" are a shortwave oddity which have been around for the last 25 years. They are commonly heard in English, German, Spanish and the Slavic languages and take the form of four and five digit groups of numbers which are preceded by a three digit "identifier" and a "group count" which corresponds to the number of number groups transmitted in the crypt. They are generally broadcast by a mechanical- sounding YL, although Morse code (CW) "cut number" transmissions are also frequently reported, as are phonetic alphabet trans- missions. Several distinctly different formats have been noted.

The "who" and "why" aspects of these transmissions are, for the most part, unknown. Their mysterious nature has resulted in their common characterization as 'spy' trans- missions. Information on the "where" aspects below.

The spy theory has been enhanced over the years by the FCC's inconsistent position in response to numerous inquiries by the Shortwave Listening community.

If you've never heard a numbers transmission, tune your radio to 11468 kHz any Saturday at 4pm EST (2100 UTC). You'll almost certainly hear a 'classic' numbers transmission which will run from 15-30 minutes. The signal from this Saturday transmission is very powerful and can be heard across the United States.

In regards the "where" - a number of sites have been identified in recent years, notably in Warrenton and Remington, VA and Miami, FL. In addition, with the aid of sophisticated RDF (radio direction finding) equipment and the invaluable assist- ance of highly authoritative and professional resources, several new transmission sites have been positively identified over the past several months, including sites in Nicaragua, Honduras, El Salvador, Cuba and Cozumel.

One particularly dangerous station has been interfering with air to ground traffic on 6577 kHz, a frequency allocated to inter- national aeronautical communications in the busy Caribbean sector. On at least one monitored transmission, the air traffic controller at ARINC moved the pilot to an alternate frequency as the numbers transmission was totally blocking the

frequency from effective use. This regular transmission can be heard on Mondays at 0200 UTC (Sunday night local US time) across most of the US.

A recently identified Cuban site (Guineo) is believed to ba a major transmitter site used by DGI (Cuban Intelligence).

There has been some suggestion that the numbers are a form of 'one-time-pad' - a crude but unbreakable form of encryption (unless you've got the key, that is) - if that's the case, it's very curious to note that the same five-digit groups are often seen to repeat over and over again in the very same crypt - and that the same transmissions are seen to repeat from week to week, and from month to month - so often, in fact, that tape breaks are sometimes noted. When spliced back together, the sloppy handling sometimes results in truncated 5-digit groups - the end result being amixture of 4 and 5 digit groups in the very same transmission!

These facts would tend to point one away from the one-time-pad concept and support a couple of other theories - suggesting that the numbers are NOT a cipher, but rather a code unto themselves, and that much of this traffic is 'dummy' in nature - broadcast simply to keep a frequency open over a long period of time.

In addition, most five-digit Spanish numbers transmissions are very badly over-modulated, resulting in numerous spurs up and down frequency. When broadcast under such conditions, the numbers (6) seis and (7) siete are almost indistinguishable, making it impossible to copy a crypt without numerous errors.

It is worth noting that the four-digit Spanish and English transmissions do not reflect this same technical ineptitude.

There are a number of reference materials available which provide detailed information about cryptography and cryptanalysis, in general, and numbers crypts, specifically. I'd be happy to provide anyone interested with a list of books.

Only two publications I know of are currently available which provide regular coverage of numbers, clandestine, pirate and other interesting transmissions. The ACE Bulletin (monthly news- letter of the Association of Clandestine Enthusiasts - PO Box 11201, Department KK, Shawnee Mission, KS 66207 $16/yr) and the Umbra et Lux Newsletter (a newsletter devoted to SIGINT, covert radio and related topics - 10606-8 Camino Ruiz, Department KK, Suite 174, San Diego, CA 92126 $18/yr).

Havana Moon, via CompuServe

From: crisp@netcom.com (Richard Crisp)
Subject: Re: numbers stations
Organization: Netcom Online Communications Services (408-241-9760 login: guest)
Date: Fri, 15 Jan 1993 17:16:33 GMT

I'm told that other languages can be heard as well. An interesting fact(?) I've come across in my reading is that some of the 5D/SS/YL transmissions

originate in the USA at some kind of federal facility in Virginia.

I have personally been a party to tracking down the source of the spanish numbers lady affectionately known as "Cynthia" to the "US Army Warrenton Training Facility" near Fredricksburg, Virginia.

It has long been conjectured that rather than the US Army, the facility is run by NSA. If you consult Marchetti and Marks' book "The CIA and the Cult of Intelligence" there is a thinly veiled description of a training facility that is used for NSA broadcasts. I suspect rather strongly that the Warrenton facility is what was referred to in the book.

Most folks that are close to the subject say that the numbers broadcasts are intended to be used to communicate with agents in the field via the use of a simple portable shortwave receiver and a "one-time-pad". In much of the developing world, shortwave is used to provide domestic broadcasting. Hence the low profile needed by a field agent is maintained despite the fact that they have a simple S/W receiver. If they were packing around an INMARSAT crypto phone, it would be far more incriminating if they were to be searched. Of course the one-time-pads are somewhat problematic, but are pretty easy to conceal.

At any rate, I am only repeating logical sounding conjecture I have heard from some of the so called experts on the subject.

But the Warrenton Training Facility is the home of Cynthia, the spanish numbers lady for sure.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

"One Two Three Four Five Six Seven Eight Nine Zero

Zero Zero Nine, Zero Zero Nine, Zero Zero Nine, Zero Zero Nine

Groups 198, Groups 198"

Have you ever tuned into a station on shortwave radio reading a message such as the one above ?

You'll find that there are lots like it at any time of the day. Men and women reading messages in English, German, Spanish, Russian and many other laguages. Some messages feature groups of numbers, some groups of letters.

These are the so-called "Numbers Stations".

Where and when do I find them ?
What are they for ?

These are a couple of questions that we hope to answer.....

ENIGMA

is the

European Numbers Information Group and Monitoring Association.

A new group has been formed in the UK devoted to exploring the Numbers Stations mystery. A regular newsletter is being produced giving detailed information on times, frequencies and characteristics of the Numbers Stations.

ENIGMA is also a discussion forum and with the help of regular monitors it will be possible to uncover a vital clue to the whereabouts, purpose or meaning of a given transmission. You can help by participating!

ENIGMA is based in Europe but we welcome help and information from listeners world-wide.

Issues 1 and 2 of the Newsletter are already available:

ENIGMA 1
========

This was the introductory issue with 7 pages of times, frequencies and schedules of the known regular European Numbers Stations. There is detailed information about:

The Lincolnshire Poacher
Swedish Rhapsody
The Counting Stations
The Russian Man
Strich/Oblique
The Phonetic Alphabet Stations

ENIGMA 2
========

Features in-depth analysis of the "Lincolnshire Poacher" together with more details of Numbers Stations Schedules. 12 pages in total.

ENIGMA 3
========

Is due for publication in early October 1993 and will feature a detailed look at the "Phonetic Alphabet" stations. The deadline for the submission of your letters and logs is 16th August 1993.

The ENIGMA Newsletter is available for just the cost of postage or the equivalent in International Reply Coupons (IRCs). Please send stamps/IRCs/donations and your address to:

Chris Midgley
195 Roberttown Lane
Roberttown
Liversedge
West Yorkshire
WF15 7LE

United Kingdom

Chris respectfully asks you not to send envelopes!

Meanwhile, I will be happy to co-ordinate the electronic side of things here on USENET. Any reference material, archive articles and logs sent to me will be passed on to Chris for inclusion into the newsletters.

Mike Chace <mikec@praxis.co.uk>

--

Chris Brewster Cray Research, Inc.

5505. BC2500 Cellular restoration

Newsgroup: rec.radio.scanner
Date: 1994-11-15 17:08:41 UTC
From: jkpotts@gdwest.gd.com
Message-ID: <3aapup$2pk@gdwest.gd.com>
Source record: 265505

Newsgroups: alt.radio.scanner
Expires:12/31/94
Sender: jkpotts@gdwest.gd.com
Followup-To:
Distribution:
Organization:
Cc:jkpotts@gdwest.gd.com
Subject: BC2500 cellular restore
Sender: J. Potts

I understand that the new BC2500 that are being sold are not cellular restorable. Is this true? Also does anyone know what the serial numbers are for the ones that are restorable?

Thanks
J. Potts

5506. Re: "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-15 17:27:33 UTC
From: <>
Message-ID: <3aar25$6gs@wizard.uark.edu>
Source record: 265579
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur

athena@tyrell.net (athena) writes:

>late twenties, and the article claims he was a skilled ham-radio operator
>since age 8.)

>> name -s ny -f ^k schaffer
Call-Sign: N2KS Class: EXTRA
Real Name: KENNETH B SCHAFFER Birthday: OCT 19, 1947
Mailing Address: 21 WEST 58TH ST, NEW YORK, NY 10019
Valid From: SEP 1, 1987 To: SEP 1, 1997

Flames about privacy issues to /dev/null ...

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

5507. Re: ECPA give you the right to listen to Police/Fire ? (RS fines)

Newsgroup: rec.radio.scanner
Date: 1994-11-15 17:36:04 UTC
From: n9315@pnet16.navy.mil
Message-ID: <CzBKw4.3nw@nctams1.uucp>
Source record: 265484

Well, I just got a bit of a flame in mail from helix@solaria.sol.net. I'm not sure for Rob's reasons for not posting it in the thread, but maybe it's due to the fact he obviously didn't understand what has been said about Radio Shack and the fines levied against employees who talk about mods to their products.

I confirmed lastnight with the manager of the store where I work part-time that Tandy Corp. puts a $5000 fine up on an employee who gets caught talking about how one could modify one of the RS house brand scanners (etc...) for picking up cellphones.

I can't help but wonder why Tandy is so worried about that.

****

Unless otherwise stated, expressed view are my own. They may not be the opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.

Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded)
ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil

5508. Re: Best FTP sites?

Newsgroup: rec.radio.scanner
Date: 1994-11-15 18:15:54 UTC
From: adam <adam@liii.com>
Message-ID: <Pine.SUN.3.91.941115131416.17773B-100000@oak.liii.com>
Source record: 265571
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.policy

Another good pretty good radio related FTP site is oak.oakland.edu that
is also the FTP site for SimTel (share ware)

Adam N2RCC

HELLO HELLO HELLO HELLO HELLO HELLO HELLO HELLO HELLO
* You have Reached adam.liii.com (THATS ME) *
* In Case You Were Woundenin' I am 14 Years Old *
* I live In Bellmore Ny Which is on the South Shore *
* Of Western LI(long Island For all thouse outta *
* States Freaks <G>) Well AnyayZ If you are Really *
*Determined to Get In touch with me you can call me *
* At (5i6)YOU-WISH hehe don't worry I am not as dumb*
* As you look :-]. Well Gotta Go and Ba Ba Booie to*
* Yah All *
BYE BYE BYE BYE BYE BYE BYE BYE BYE BYE BYE BYE B

On Tue, 8 Nov 1994, Pierre R. Schwob wrote:

> In article <941103.071339.3m2.rusnews.w165w@dvss.UUCP> dvss!jtroy@louie.udel.edu (Jay
Troy) writes:
> >Which are the best radio/ham/mods/freqs/etc FTP sites?
>
> For one, try hk.net (/shareware/prs)
> That's the home of the ID LOGIC SW Simulator,
> and the World Clock.
>
> _________________
> Pierre R. Schwob
> prs@hk.net
>
>

5509. Re: Wanted Detroit Lion Freqs

Newsgroup: rec.radio.scanner
Date: 1994-11-15 18:19:30 UTC
From: coolidge@zk3.dec.com
Message-ID: <3aau3i$8g@jac.zko.dec.com>
Source record: 265616

--
Dennis M. Smith (af631@detroit.freenet.org) wrote:

: I'am looking for frequencies used by the Detroit Lions.
: I'am looking for the helmet radio frequencies in particular
: but I will take all.

As someone else already answered, the helmet radios are encrypted, sliced, and diced so much that it's probably virtually impossible to listen in.

Last season, some clown asked about the "radios" between the coaches way up in the glassed-in boxes and the sideline coaches. All you have to do is watch a game, on TV or in person, and carefully observe the poor fools who walk around behind the head coach (and others?) unreeling and reeling in the wire attached to the headsets that the coaches wear. They're using copper, not RF, as the communications medium to avoid being overheard.

About the only thing you might be able to get on a scanner would probably be stadium security (which, in this age, is likely to be DVP'd now...), the maintenance crews, broadcast crews and other service personnel, very little of which will enhance the enjoyment of the game, IMHO.

Bayard R. Coolidge N1HO DISCLAIMER: The opinions expressed are
Digital Equipment Corp. solely those of the author, and not
Nashua, New Hampshire, USA those of Digital Equipment Corporation
coolidge@zk3.dec.com nor any other entity.
"Brake for Moose - It can save your life" - N.H. Fish & Game Dept.

5510. Re: preamp

Newsgroup: rec.radio.scanner
Date: 1994-11-15 18:22:06 UTC
From: jernandez@pbs.org
Message-ID: <jernandez-151194132206@jernandez.pbs.org>
Source record: 265588

In article <3avnkiubGc6U066yn@access.digex.net>, domonkos@access.digex.net (Andy Domonkos) wrote:

> I use the GRE Super Amplifier on my Pro-43, no images, overload, or
> intermod. The better the scanner's front end, the less problems with
> the preamp.

That is not exactly true. If the pre-amp stays in its linear range, than intermod distortion will be based on the scanner's front end performance. However, it the pre-amp has a poor (low) third order intercept point than the pre-amp itself will generate intermods which the scanner will treat a a "good" signal. Therefor, what someone wants is a pre-amp with 1) a low noise figure, 2) a high third order intercept point, and 3) good gain (about 12 to 15 dB).

--
John J. Ernandez
Communication Systems Engineer
Public Broadcasting Service

"My Favorite Location On the Pennsy" MP-46.8 Plainsboro, NJ

E-Mail jernandez@pbs.org Member:PRR Technical & Historical Society
Phone: 703-739-5474 Southern Railway Historical Association
Amateur Radio: KA2YAP

5511. Re: ECPA give you the right to listen to Police/Fire ?

Newsgroup: rec.radio.scanner
Date: 1994-11-15 18:31:15 UTC
From: coolidge@zk3.dec.com
Message-ID: <3aaupj$8g@jac.zko.dec.com>
Source record: 265617

--
dallal@world.std.com (Jerry Dallal) wrote:

I went through my copy of the ECPA and found Section 2511,
2(g)ii,II, but I don't know what to make of 2(g)iii,I.
What *is* section 633 of the Communications Act of 1934?

To which, I reply -

You were very efficient at finding Section 2511 of Title 18 of the
United States Code. Well, guess what - The Communications Act of 1934 is
the popular name for Title 47 of the United States Code. (No, I'm not
trying to be sarcastic - it's just that it's really that simple and
straightforward!). BTW, the FCC Rules and Regulations, which _implement_
what is promulgated in 47 USC, is found in Title 47 of the Code of
Federal Regulations (47CFR...). So, when you look at a computer and see
all of the hooplah around Part 15 Subpart J, etc., it's 47 CFR 15 (J).

Me, I'm licensed under 47 CFR Part 97, which covers Amateur Radio.

BTW, IF you could transcribe 47 USC 633 (or interesting excerpts of it),
I, for one, would appreciate it, as I don't happen to have a copy handy.
(Although I can get copies of the Comm Act of '34 and the chunk of FCC
Rules that cover Amateurs, CB, GMRS, etc. from the Government Printing
Office, it's a hell of a lot easier for me to buy the ARRL book instead!)

Thanks, and 73.

Bayard R. Coolidge N1HO DISCLAIMER: The opinions expressed are
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Nashua, New Hampshire, USA those of Digital Equipment Corporation
coolidge@zk3.dec.com nor any other entity.
"Brake for Moose - It can save your life" - N.H. Fish & Game Dept.

5512. What are the freq ranges of BC100XLT?

Newsgroup: rec.radio.scanner
Date: 1994-11-15 18:50:40 UTC
From: colombo@fnalv.fnal.gov
Message-ID: <1994Nov15.125040@fnalv.fnal.gov>
Source record: 265621

Can somebody tell me the frequency ranges of the BC 100XLT?

_/_/_/_/ _/ _/ _/ _/ Rick Colombo colombo@fnal.gov
_/ _/_/ _/ _/ _/ _/ Fermi National Accelerator Lab
_/_/_/ _/ _/ _/ _/_/_/_/ _/ Of course I speak for: Fermilab,
_/ _/ _/ _/ _/ _/_/_/_/ Congress and the President...NOT!

5513. Re: MDTs

Newsgroup: rec.radio.scanner
Date: 1994-11-15 19:42:36 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CzBqr1.IwA@freenet.carleton.ca>
Source record: 265623

In a previous article, levy@fndcd.fnal.gov () says:

>I'm looking for info on the encoding format used by the Mobile Data Terminals
>many police organizations are using now. It sounds very much like other types
>of radio data transmission, but the $64,000 question is, it it encrypted?
>
The Ottawa Police Force has been using MDI/MDT systems for over 10 years now.
The technology was developed by MDI in Vancouver, B.C. This company was the
subject of a hostile take over a few years ago. The best info I have is that
the data is not encrypted...but it may as well be! The operating system and
all the operating software is proprietary. So unless you have a MDT plus a
userid (called a CADRE number by the Ottawa Force) plus a current password,
you will not be able to monitor any data. I believe that the local system
runs at least 9,600 baud. The calls can be monitored via the mainframe system
currently a DEC VAX system, but only certain people within the comm centre
or the Computer Centre can transmit data. This systems can recieve dispatch
calls, and email between other users within the police services. So if I
was working in the HQ's I could log onto a terminal (DEC DT-320) and send
a message to officer X. I suppose you could monitor the system and try to
crack the program, but people have been trying that with number stations
for over 30 years.

10-4

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

5514. Cell Companies Still Mis-informing People

Newsgroup: rec.radio.scanner
Date: 1994-11-15 20:29:35 UTC
From: jocatch@vnet.ibm.com
Message-ID: <3ab5nflNNjde@afshub.boulder.ibm.com>
Source record: 265481

I just called one of the local cellular companies looking for info becuase I am thinking about getting a cell phone. After alot of questions I asked "Is it private? Can people pick up what I am saying?" The dealer said "No. They would need sone pretty sophisicated equipment to do that. About the only ones who could are the phone companies and the government. " Short laugh. "Their power (cell phones) is also too low to pick up."
So according to him, it is completely private.

I called the other cell company and asked them the same question. They WERE honest and said that "a few people have the equipment needed...". So I said "Then I shouldn't give out confidental information over the phone, like my VISA number?" He said "No."

Joe C.

5515. Re: Israel Shortwave may

Newsgroup: rec.radio.scanner
Date: 1994-11-15 20:37:03 UTC
From: crisp@netcom.com
Message-ID: <crispCzBt9s.5Iu@netcom.com>
Source record: 265480

In article <40.11688.2433@channel1.com> derek.buchler@channel1.com (Derek Buchler) writes:
>
>Most of us aren't as paranoid as you. Go ahead and write all you want.
>Just don't tell the rest of us what to do.

So the message here is "do as I do not as I say"? Derek, you should follow
your own advice!

For a really interesting data listen, try 262.400mhz. I like LSB for it.
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

5516. Pro 43 & 62

Newsgroup: rec.radio.scanner
Date: 1994-11-15 21:07:38 UTC
From: fethe@pilot.njin.net
Message-ID: <3ab7uq$me3@pilot.njin.net>
Source record: 265479

I'm thinking of getting either a Pro-43 or a Pro-62, since I've ben told the triple conversion circuits are worth the money in big-city areas. I would appreciate any advice on which of the two is preferable. Is the triple conversion really worth it?

Charles
r

5517. Re: time via radio

Newsgroup: rec.radio.scanner
Date: 1994-11-15 21:23:55 UTC
From: dstuart@rocket.cc.umr.edu
Message-ID: <3ab8tb$68a@hptemp1.cc.umr.edu>
Source record: 265498

Mike Morris (morris@grian.cps.altadena.ca.us) wrote:
: pgoldsmi@bu.edu (Philip Goldsmith) writes:

: > In the US, WWV in Colorado, located at wherever the US's atomic clock
: >is there, broadcasts in the clear on 5MHz, 10MHz, and 15MHz. It is a voice
: >SSB transmission and actually ticks on each second. It should be able to be
: >received anywhere in the US.
: > Phil Goldsmith
: > pgoldsmi@acs.bu.edu

: They also have a 100hz subcarrier that specially designed digital clocks
: can receive and decode (like Heathkits "Most Accurate Clock"). I do
: know that the WWV people had an applications note on a decoder design.
: Does anybody have c copy of that apps note? With Heathkit gone, getting
: that apps note and buiulding your own decoder may be the only way to get
: a self-setting clock...

Heathkit GONE!! OH NO! Just as I was staring to get interested in Ham to.
Boo hoo.

: --
: Mike Morris WA6ILQ | All opinions must be my own since nobody pays
: PO Box 1130 | me enough to be their mouthpiece...
: Arcadia, CA. 91077 |
: ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

--
-- Dave Stuart
dstuart@umr.edu

Men are men, Women are scarce, and sheep are afraid.
$>
-- So It Goes (Slaughterhouse Five)

-- See me, Hear me, Touch me, Heal me. (The Who's -- Tommy)

5518. Mods on 2022

Newsgroup: rec.radio.scanner
Date: 1994-11-15 21:51:00 UTC
From: toby.burgess@zgnews.lonestar.org
Message-ID: <941115160557685@zgnews.lonestar.org>
Source record: 265488

I own a Pro-2022 that I go dirt cheap. The only problem is that I can't pick up military flight info. Is there a way that I can modify the unit to do this? I would also like to get freq. under 30MHz. Any and all replies would be appreciated.

E-Mail:
Toby.Burgess@zgnews.lonestar.org

... My hard disk is full! Maybe I'll try this message section thing.
___ Blue Wave/QWK v2.12

5519. <None>

Newsgroup: rec.radio.scanner
Date: 1994-11-15 22:01:31 UTC
From: musson@murray.fordham.edu
Message-ID: <1994Nov15.180131@murray.fordham.edu>
Source record: 265499

Hi Everyone! I am new to this newsgroup, but have been following
it with interest. Okay, quick question. Does anyone have any modifications
for the Radio Shack PRO-46? I will take any info anyone has, or if anyone
knows where to go for info, please mail me at MUSSON@murray.fordham.edu. If
this topic has been discussed lately, I apologize for the waste of bandwith.
Thanks!
George Musson
N2UQW
Musson@murray.fordham.edu

5520. Q: Good antenna for airplane use

Newsgroup: rec.radio.scanner
Date: 1994-11-15 22:01:49 UTC
From: pwd@apple.com
Message-ID: <pwd-1511941401490001@17.130.21.104>
Source record: 265585

Hi,

I don't mean to re-ignite the scanners-on-airplanes flamefest that seems to have just died down [again] but I DO occasionally use my Pro-43 on a plane and I've found that unless I hold the rubber duckie antenna against the window, I won't receive anything but the plane's own transmissions. Is there a better antenna for use under the circumstances? Is there something I could stick to the window with a suction cup or something, preferably something descrete as well (I don't want to weird out other passengers), that would work better?

Finally, I'm sure some people will also be curious whether the scanner's internal oscilator noise "leaks out" through the antenna, and whether a "better" antenna will affect the amount of potential interference generated.

Any hints would be appreciated,
Thanks,
-Patrick Penzias Dirks.

P.S. Before you spend more bandwidth on this issue,

(a) I KNOW according to the FARs it's the airline operating company's call whether to allow electronic devices on board, but I figure the captain is the PIC and if HE doesn't mind taking the chance, I'll use my scanner, so I

(b) ALWAYS ask the captain before the flight and let him know where I'm sitting in case ANYTHING unusual might happen and usually

(c) The captain will request I keep it off during takeoff and landing but will treat it like all other electronic devices and allow its use above 10,000'. That's actually a recent change (I used to get a blanket OK 2 out of 3 tries) and it's less interesting but it's still a nice way to be entertained in-flight and track our progress across the country. Finally,

(d) If I hear the crew declare an emergency or admit they're lost I'll turn my scanner off :-)

5521. Re: Looking for 217 Mhz coverage?

Newsgroup: rec.radio.scanner
Date: 1994-11-15 22:01:50 UTC
From: robertso@bev.net
Message-ID: <3abb4e$p7o@solaris.cc.vt.edu>
Source record: 265607

Grove Enterprises (704) 837-9200 sells a converter for under $100.00 .
However I don't know how the unit would handle different modes (am or nfm).

5522. Re: Pro 39

Newsgroup: rec.radio.scanner
Date: 1994-11-15 22:08:33 UTC
From: KXUG61A@prodigy.com
Message-ID: <3abbh1$244k@usenetw1.news.prodigy.com>
Source record: 265482

Great scanner. Ive got one right here, I love it. Now in S. Florida, its very helpful to me, Tropical Storm Gordon, being a portable BATT. operated unit. Do get one, you should enjoy it.

5523. Re: Advice Wanted...

Newsgroup: rec.radio.scanner
Date: 1994-11-15 22:30:58 UTC
From: robertso@bev.net
Message-ID: <3abcr2$p7o@solaris.cc.vt.edu>
Source record: 265483

In regards to your question of, how many channels are practical for a scanner. There are several
variables that would determine what is practical for you. such as:

1. How much scanner can you afford?
2. Are you new to scanning and just wanting to try it out. (keep investment down if not sure if you'll listen alot)
3. Where do you live? (Are there 1000 channels of activity in your location? Probably yes!)
4. Do you have one specific thing your only intrested in monitoring. (than a inexspensive unit would do)

My oppinion: A 100 or 200 channel scanners are good values and good entry level hobbist units. However
I would go for a 1000 memory unit if I were rich. I would only get a low end (10 or 20 channels)
if I new that the only thing I was going to listen to was local fire and police. (which is what the
vast majority of scanners are used for.)

Another thing to consider is do you get a hand held, mobile or desktop!?

5524. Re: Mystic Star frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-15 22:48:00 UTC
From: paul.britton@satcom.mhs.oz.au
Message-ID: <332.291.120@satcom.mhs.oz.au>
Source record: 265564

Can you post the list you have compiled, so I can verify a few of mine...

Paul

Internet: paul.britton@satcom.mhs.oz.au (Paul Britton)
Fidonet : 3:714/905
Satcom Australia Space & Satellite BBS
Sydney Australia 612-9050849 28.8k
612-9057694 28.8k

5525. Re: MARS OBSERVER ANY/ALL INFO.

Newsgroup: rec.radio.scanner
Date: 1994-11-15 23:27:05 UTC
From: Victor Healey <vhealey@crl.com>
Message-ID: <3abg49$q5f@nntp.crl.com>
Source record: 265489

> THIS IS NOT A SPAM * IT IS A QUEST FOR INFORMATION!
>
> We will keep the closest confidence of reports regarding the MARS OBSERVER
> it's transmissions and it's demise... WE only have half the truth right
> now...we're still looking for the other 1/2...
>
> The Mars Observer was a NASA probe to Mars that FAILED less than a week in
> Mars orbit..after transmitinting the SPHINX images from the MARS surface
> (available at CYBERDEN in Forbidden Subjects - Dir)... Just a few years
> earlier te Russians sent a probe to Mars and it also "disabled" - these
> probes are known to last decades in space on atomic batteries... What
> Gives???
>

Made in the USA and made in RUSSIA

Paranoid? Check out my favorite page http://www.ic.gov/ for paranoid!
E mailto:vhealey@crl.com

5526. Cordless Phone Range

Newsgroup: rec.radio.scanner
Date: 1994-11-15 23:36:00 UTC
From: Franklin Fasano <FFASANO@VASALES.LEGENT.COM>
Message-ID: <2EC946D2@MSGATE02.LEGENT.COM>
Source record: 265475

I am attempting to increase the range of a cordless phone. I am primarily concerned with range OUTSIDE the house, and 900 Mhz still doesn't cut it. First, how much transmitting power do these things have? Also, is it possible/legal to mount an outside antenna?

5527. Re: ECPA give you the right to listen to Police/Fire ?

Newsgroup: rec.radio.scanner
Date: 1994-11-16 00:14:55 UTC
From: gdallal@world.std.com
Message-ID: <CzC3Cv.7qy@world.std.com>
Source record: 265495

Bayard Coolidge USG ZKO3-3/S20 (coolidge@zk3.dec.com) wrote:

: --
: dallal@world.std.com (Jerry Dallal) wrote:

: I went through my copy of the ECPA and found Section 2511,
: 2(g)ii,II, but I don't know what to make of 2(g)iii,I.
: What *is* section 633 of the Communications Act of 1934?

: --

: To which, I reply -

: You were very efficient at finding Section 2511 of Title 18 of the
: United States Code. Well, guess what - The Communications Act of 1934 is
: the popular name for Title 47 of the United States Code. (No, I'm not
: trying to be sarcastic - it's just that it's really that simple and
: straightforward!).

: BTW, IF you could transcribe 47 USC 633 (or interesting excerpts of it),
: I, for one, would appreciate it, as I don't happen to have a copy handy.

Neither do *I*, which is why I asked if anyone else knew its contents!
Sheesh!!! :-)

5528. Re: Cordless Phone Range

Newsgroup: rec.radio.scanner
Date: 1994-11-16 00:20:02 UTC
From: brueger@infi.net
Message-ID: <brueger.337.00199D50@infi.net>
Source record: 265521

In article <2EC946D2@MSGATE02.LEGENT.COM> Franklin Fasano <FFASANO@VASALES.LEGENT.COM>
writes:
>From: Franklin Fasano <FFASANO@VASALES.LEGENT.COM>
>Subject: Cordless Phone Range
>Date: Tue, 15 Nov 94 15:36:00 PST

>I am attempting to increase the range of a cordless phone. I am primarily
>concerned with range OUTSIDE the house, and 900 Mhz still doesn't cut it.
> First, how much transmitting power do these things have? Also, is it
>possible/legal to mount an outside antenna?

I have seen ads for cordless outdoor antenna but it has been a long time ago
and I don't remember where it was.

You could do the following - open the case and disconnect the lead to the base
unit whip antenna. Get a length of the best coaxial wire you can affort that
will get to the outdoors. Next you have to find the formual to cut an antenna
to the 46mhz range. Then make a verticle dipole antenna from the formula and
then connect it to the coax.

Have fun

Brian

5529. Re: Pro-43 "Priority" broke

Newsgroup: rec.radio.scanner
Date: 1994-11-16 00:22:07 UTC
From: brueger@infi.net
Message-ID: <brueger.338.001B87FE@infi.net>
Source record: 265522

In article <CzC7Cw.EFH@nntpa.cb.att.com> parnass@nwsf.ih.att.com (Bob Parnass, AJ9S) writes:
>From: parnass@nwsf.ih.att.com (Bob Parnass, AJ9S)
>Subject: Re: Pro-43 "Priority" broke
>Summary: flexible PRO-43 priority feature
>Date: Wed, 16 Nov 1994 01:41:19 GMT

>On my PRO-43, any of the 200 channels may be designated as the
>PRIORITY channel using the keyboard sequence I posted.

>It's a nice feature missing on older (and cheaper) models, and
>I change the priority designation when I take the PRO-43 to
>different areas (e.g., various shopping malls).

I screwed up and shouted before I should have consulted the owners manual.. I just assumed that something was wrong. I forgot to push the PRI button when programming the channel that I wanted. The little P was not on.

Sorry

Brian

5530. Radio Shack Scanner - PRO 2032

Newsgroup: rec.radio.scanner
Date: 1994-11-16 00:38:51 UTC
From: kc0rl@rmii.com
Message-ID: <kc0rl.1.0000A5C9@rmii.com>
Source record: 265615

I have been looking around for any mods that might be available for the Radio Shack PRO 2032. I haven't had a lot of luck so if anyone knows of any mods for this scanner please email to: kc0rl@rmii.com
Thanks

"Ole"
kc0rl@rmii.com

5531. Wanted: Icom 7100 or 9000 and ICOM W21A

Newsgroup: rec.radio.scanner
Date: 1994-11-16 01:13:06 UTC
From: lware@homer.voxel.com
Message-ID: <CzC61u.6z@voxel.com>
Source record: 265596
Cross-posted to: rec.radio.scanner,rec.radio.swap,misc.forsale
Body handling: 1 inline base64-encoded payload block was not displayed

Subject says it all, please mail me if you have one. Or if you know
where a W21A can be found new or used.

^^^^^^^^^^^^^^^^^^^^^^

Lance Ware
IS Manager & VOXEL Guru
VOXEL

Version: 2.3

[Inline base64-encoded payload not displayed]

=yaDn

5532. Re: US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-16 01:32:15 UTC
From: joenow@delphi.com
Message-ID: <pE9W0HH.joenow@delphi.com>
Source record: 265500

As a former member of the Army I have to tell you that today's volunteers would probably not fire on civilians without damn good reason, and being ordered to do so is not a good reason. Remember how the Soviet Army sided with Yeltsin when the hard liners staged a coup attempt? The US Army would do the same. I can imagine a few scumbags in the service willing to kill anyone but I have to tell you that their fellow soldiers/marines/etc. would make short work of them. I have absolute confidence in the young men and woman (and older models) who serve this country in the Armed Forces.
-joe

5533. Re: ****Need Freqs for AUSTIN/ROUND ROCK TEXAS

Newsgroup: rec.radio.scanner
Date: 1994-11-16 01:33:12 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CzC6zC.EBz@nntpa.cb.att.com>
Source record: 265501

In article <gregm-1411942305490001@slip-2-25.ots.utexas.edu>,
Greg Middleton <gregm@ccwf.cc.utexas.edu> wrote:

>> ..... Radio Communications Monitoring
>> Association.

>What is this group??? I'm not familiar with them

From the scanner FAQ:

|Last changed: November 3, 1994 |

| Introduction to Scanning
| by Bob Parnass, AJ9S

.....

| Are There Any Scanner Clubs?

|One of the best parts of the hobby is sharing it with other
|radio buffs. Trading information with other hobbyists
|about frequencies, communication systems, and receiving
|equipment is more valuable than any pile of magazines.

|The world's largest scanner club is the Radio
|Communications Monitoring Association (RCMA). Founded in
|1975, the RCMA is the "first national and international
|organization of monitor radio listeners." There are
|several regional chapters which hold regular meetings.
|Club dues are $24.00 per year, which includes the monthly
|RCMA Journal, which consists of approximately 95 pages.
|Although the focus is on VHF and UHF ranges, there is
|coverage of HF utility stations below 30 MHz.

|Inquiries about RCMA membership should be sent to RCMA
|General Manager, P.O. Box 542, Silverado, CA 92676, USA.

....
--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5534. Re: Pro-43 "Priority" broke

Newsgroup: rec.radio.scanner
Date: 1994-11-16 01:41:19 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CzC7Cw.EFH@nntpa.cb.att.com>
Source record: 265504

In article <brueger.335.00193DD7@infi.net>,
Brian J. Rueger <brueger@infi.net> wrote:

>In article <CzBItE.B2I@nntpa.cb.att.com>
>parnass@nwsf.ih.att.com (Bob Parnass, AJ9S) writes:

>>In modern Radio Shack scanners, users can designate any of the memory
>>channels as a priority channel. For example, the sequence for
>>designating channel 42 as the priority channel is PROGRAM, 42,
>>PRIORITY, if I recall.
>
>Bob,
>
>I thought that in the Pro-43, only channel 1 could be listed as the priority
>channel????

On my PRO-43, any of the 200 channels may be designated as the
PRIORITY channel using the keyboard sequence I posted.

It's a nice feature missing on older (and cheaper) models, and
I change the priority designation when I take the PRO-43 to
different areas (e.g., various shopping malls).
--

==========
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5535. Re: MARS OBSERVER ANY/ALL INFO.

Newsgroup: rec.radio.scanner
Date: 1994-11-16 02:09:52 UTC
From: g9153402@huey.csun.edu
Message-ID: <3abplg$n6g@nic-nac.CSU.net>
Source record: 265595

n6 (n6@cyberden.com) wrote:
> THIS IS NOT A SPAM * IT IS A QUEST FOR INFORMATION!

> We will keep the closest confidence of reports regarding the MARS OBSERVER
> it's transmissions and it's demise... WE only have half the truth right
> now...we're still looking for the other 1/2...

....If you're getting the Mars Observer on your hand scanner, I'm sure
JPL would like to hear from you. Whether it blew-up, had some
catastrophic failure, or alien beings took it home as a souvenir, it
is probably lost for good, never to be heard from again.. :(

5536. Re: Cell Companies Still Mis-informing People

Newsgroup: rec.radio.scanner
Date: 1994-11-16 02:17:29 UTC
From: g9153402@huey.csun.edu
Message-ID: <3abq3p$n6g@nic-nac.CSU.net>
Source record: 265426

Re:
Cellular retailers may know, but many don't. Anyway, they will all lie to you, to try and get you to sign up for some onerous cellular service contract. They just want commission.
As far as "sophisticated equipment", next time bring you old Radio Shack hand scanner with you. Pull it out of your pocket, and ask if this is the "sophisticated equipment" they're talking about.
But if it was digitally transmitted cellular, you really would need something sophisticated.
True, the cellular phone companies will be a little more honest, but they'll also tell you it's "illegal", as like that is supposed to bring someone some sort of comfort and security, even though there are probably millions of cellular capable scanners in people's homes right now.

5537. Re: Cordless Phone Range

Newsgroup: rec.radio.scanner
Date: 1994-11-16 02:24:28 UTC
From: g9153402@huey.csun.edu
Message-ID: <3abqgs$n6g@nic-nac.CSU.net>
Source record: 265597

Franklin Fasano (FFASANO@VASALES.LEGENT.COM) wrote:

> I am attempting to increase the range of a cordless phone. I am primarily
> concerned with range OUTSIDE the house, and 900 Mhz still doesn't cut it.
> First, how much transmitting power do these things have? Also, is it
> possible/legal to mount an outside antenna?

I've heard 900 mhz phones usually have better range than their 46 mhz
cousins. I don't think it's illegal to mount your cordless phone
antenna outside, bit I don't know how much good it will be creating
a larger antenna, considering the high frequencies these phones
operate on. I do suspect you would be violating an FCC rule, if you
decided to create some monster amplifier of 1000 watts, transmitting
your phone call all over the county.
But on my RS-PRO-2006 scanner, I have heard cordless phone conversations
on 46 mhz, that I knew were over 2 miles away, since they said their
addresses. But that is the exception.

5538. Help with Bearcat 560xlt

Newsgroup: rec.radio.scanner
Date: 1994-11-16 02:26:12 UTC
From: vaheg@willow.uml.edu
Message-ID: <1994Nov15.212612.1@willow.uml.edu>
Source record: 265519

can someone help me out with a manual and/or specs for the uniden bearcat 560xlt scanner? Thanks a lot
-gerry

5539. Re: Weather Reports via Scanner & Modem

Newsgroup: rec.radio.scanner
Date: 1994-11-16 02:29:10 UTC
From: cwilkins@boink.clark.net
Message-ID: <CzC9Kn.1CH@boink.clark.net>
Source record: 265507

Berton Corson (g9153402@huey.csun.edu) wrote:
: Mitchell, Michael C (MIMITCHE@NMU.EDU) wrote:
: > Back when I livedin Chicago, I used to hook an old scanner up to my mode
: > m and recieve weather reports and warnings as they were broadcast. The
: > frequency used was 147.060 Mhz. I am trying to find out if this service
: > is offered in other areas of the U.S., specifically the Upper Pennisula
: > of Michigan. Does anyone have any more info on this subject?

: > Thanks, Mike

: National Weather Service forecasts are usually found on at least one of
: these frequencies, depending where you live, and what weather office
: is broadcasting where & what frequency:

: 162.55
: 162.4
: 162.475
: 162.425
: 162.45
: 162.5
: 162.525

: You may find other weather frequencies. I hear several others from where
: I live, which are local airports issuing weather forcasts/conditions
: for pilots.

Well first, I think Mike is talking about data as opposed to voice. As
far as I know, those 162.xxx freqs are all voice.

Second, 147.060 MHz is within the 2m ham band, probably originating from
a local Chicago ham radio club. Thus I would suspect that you are not
likely to find anything like it elsewhere, though YMMV. To my knowledge,
I'm not aware of any widespread implementation of that kind of service.
If you want to look around anyway, here are some line-of-sight ham freqs:

6m 50-54 Mhz
2m 144-148 MHz
220 222-224 MHz
440 430-450 MHz

Hope that helps...
--
|o|-------------------------|o|
|o| Charlie Wilkinson |o|
|o| "ChaswalD The Compiler" |o|
|o| cwilkins@boink.clark.net |o|
|o| Paquette: |o|

```
|o| N3HAZ@KA3RFE.MD.USA.NA |o|
|o| Ask me about |o|
|o| ACME brand Packet Wax! |o|
|o|-------------------------|o|
```

5540. Re: Pro-43 "Priority" broke

Newsgroup: rec.radio.scanner
Date: 1994-11-16 03:30:16 UTC
From: tharrell@nmsu.edu
Message-ID: <3abuc8$cl5@dns1.NMSU.Edu>
Source record: 265514

Brian J. Rueger (brueger@infi.net) wrote:
: In article <CzBItE.B2I@nntpa.cb.att.com> parnass@nwsf.ih.att.com (Bob Parnass, AJ9S) writes:
: >In modern Radio Shack scanners, users can designate any of the memory
: >channels as a priority channel. For example, the sequence for
: >designating channel 42 as the priority channel is PROGRAM, 42,
: >PRIORITY, if I recall.

: I thought that in the Pro-43, only channel 1 could be listed as the priority
: channel????

Happily, that's not the case. You can have any channel in the scanner
designated as the priority channel, as Bob explained above. Right now
my priority channel in in bank 5 somewhere.
--
/ T.J. Harrell III For more info, finger weasel@acca.nmsu.edu \
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |
\ The Second Amendment is the "...and we're not kidding!" clause /

5541. Pro 2021 mods Help!!!

Newsgroup: rec.radio.scanner
Date: 1994-11-16 03:35:26 UTC
From: rjf8396940@aol.com
Message-ID: <3abulu$flf@newsbf01.news.aol.com>
Source record: 265512

Has anyone attempted the mods for the Pro 2021 restoring 800 MHZ band ?
If any one has or knows of any information regarding this models
capabilities or lack thereof, please reply ...any help would be greatly
appreciated!!

5542. Re: Canadian Frequency Database !!

Newsgroup: rec.radio.scanner
Date: 1994-11-16 03:35:48 UTC
From: Incoro@mbnet.mb.ca
Message-ID: <3abumk$n6l@canopus.cc.umanitoba.ca>
Source record: 265513

In article <1994Nov14.214920.1@cad3.uccb.ns.ca>, rling@cad3.uccb.ns.ca says:
>
>Hi:
>Does anyone know of a Canadian Frequency Database on disk or cd rom?
>Ron
>

Ron, let me know if you find a decent one..

Thanks

Jim

5543. Re: Wanted Bucks County PA frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-16 03:45:28 UTC
From: scan911@aol.com
Message-ID: <3abv8o$fqk@newsbf01.news.aol.com>
Source record: 265515

In article <jernandez-151194104353@jernandez.pbs.org>, jernandez@pbs.org (John J. Ernandez) writes:

> Can someone please provide the fire, police, and EMS >frequencies for Bucks
>County PA? Or can someone point to an FTP or WWW site for >the frequencies?

>Thanks in advance

The info you are looking for is in my new SCANNER MASTER GREATER PHILADELPHIA/SOUTH JERSEY POCKET GUIDE, third edition, due from the printers the first week of December. Call Scanner Master at 800-SCAN-701 for details.

Chuck Gysi, N2DUP
scan911@aol.com
Editor, Scanner Master Greater Philadelphia/South Jersey guides

5544. Re: Pro 2021 mods Help!!!

Newsgroup: rec.radio.scanner
Date: 1994-11-16 04:07:26 UTC
From: kazel@uiuc.edu
Message-ID: <kazel.1462.2EC9857D@uiuc.edu>
Source record: 265517

In article <3abulu$flf@newsbf01.news.aol.com> rjf8396940@aol.com (RJF8396940) writes:

>Has anyone attempted the mods for the Pro 2021 restoring 800 MHZ band ?
>If any one has or knows of any information regarding this models
>capabilities or lack thereof, please reply ...any help would be greatly
>appreciated!!

The modification allows the microprocessor to scan the 800 MHz band, but the scanner contains NO circuitry to receive signals in this range. The mod is useless. Here's something else:

From: randy_ware%nwmail@sparc.ncpa.olemiss.edu (Randy Ware)
Newsgroups: alt.radio.scanner
Subject: A Pro 2021 Mod
Date: 28 Aug 1993 19:08:07 GMT
Organization: NCPA/University of Mississippi
Lines: 23
Message-ID: <randy_ware%nwmail.14.0@sparc.ncpa.olemiss.edu>
NNTP-Posting-Host: rc.ncpa.olemiss.edu

This is a speed-up mod for the slow 2021 that does work. It will increase the scan speed to about 11 channels per second. It has no effects on the delay time.

Unplug the radio, remove the 9volt batt.

Remove the upper case, by removing the four screws on both sides of the outer case, as well as the one screw on the rear apron of the radio which fastens the upper case to this surface.

Lift the top case section and unplug the white plastic two conductor speaker plug, allowing removal of the upper case entirely.

With the scanner sitting upright and facing you, locate resistor R-147 (a 39k-ohm resistor to the left-front of the main board-almost behind the vicinity of the LCD display). Snip the leads at the resistor body with a pair of wirecutters to leave as much of the existing leads as possible.

Solder a 15K-ohm resistor to those remaining leads.

I found this mod in Monitoring times and have done it to several Pro 2021 scanners and have seen no negative drawbacks to it.

From randy_ware%nwmail@sparc.ncpa.olemiss.edu Sun Aug 29 08:48:38 PDT 1993
Article: 8504 of alt.radio.scanner
Path:
elroy.jpl.nasa.gov!swrinde!emory!nntp.msstate.edu!sparc.ncpa.olemiss.edu!randy_ware%nwmail
From: randy_ware%nwmail@sparc.ncpa.olemiss.edu (Randy Ware)

Newsgroups: alt.radio.scanner
Subject: Re: A Pro 2021 Mod
Date: 28 Aug 1993 19:24:55 GMT
Organization: NCPA/University of Mississippi
Lines: 31
Message-ID: <randy_ware%nwmail.15.0@sparc.ncpa.olemiss.edu>
References: <randy_ware%nwmail.14.0@sparc.ncpa.olemiss.edu>
NNTP-Posting-Host: rc.ncpa.olemiss.edu

In article <randy_ware%nwmail.14.0@sparc.ncpa.olemiss.edu>
randy_ware%nwmail@sparc.ncpa.olemiss.edu (Randy Ware) writes:
>From: randy_ware%nwmail@sparc.ncpa.olemiss.edu (Randy Ware)
>Subject: A Pro 2021 Mod
>Date: 28 Aug 1993 19:08:07 GMT
>This is a speed-up mod for the slow 2021 that does work. It will increase
>the scan speed to about 11 channels per second. It has no effects on the
>delay time.
>
>Unplug the radio, remove the 9volt batt.
>
>Remove the upper case, by removing the four screws on both sides of the
>outer case, as well as the one screw on the rear apron of the radio which
>fastens the upper case to this surface.
>
>Lift the top case section and unplug the white plastic two conductor
>speaker plug, allowing removal of the upper case entirely.
>
>With the scanner sitting upright and facing you, locate resistor R-147 (a
>39k-ohm resistor to the left-front of the main board-almost behind the
>vicinity of the LCD display). Snip the leads at the resistor body with a
>pair of wirecutters to leave as much of the existing leads as possible.
>
>Solder a 15K-ohm resistor to those remaining leads.
>
>I found this mod in Monitoring times and have done it to several Pro 2021
>scanners and have seen no negative drawbacks to it.
>
I want to add one more note to this mod, Overall what you are doing is
adding 15k-ohm resistance to R-147. For a total resistance of 54k-ohms.
YOU ARE NOT REPLACING THE 39k WITH 15K.
total of

--
Mitch Kazel (N9HDQ) PHONE: (217) 333-1259
Department of Journalism EMAIL: kazel@uiuc.edu
University of Illinois WWW: http://ux1.cso.uiuc.edu/~kazel/

5545. Re: Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-16 05:05:05 UTC
From: dcomer@dmcmicro.win.net
Message-ID: <87@dmcmicro.win.net>
Source record: 265604
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Why would you want to say 'fuck' on the internet anyway?
> In article
<edmc.57.008E48B7@interaccess.com>, Edward McNamara (edmc@interaccess.com) writes:
>In article <39uh7f$ied@ixnews1.ix.netcom.com> NormL@ix.netcom.com (Norman Lehfeldt)
writes:
>>From: NormL@ix.netcom.com (Norman Lehfeldt)
>>Subject: Re: Let's get some support from the new Congress
>>Date: 11 Nov 1994 01:26:07 GMT
>
>>In <crispCz0G4K.p7@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>
>>>
>>>
>>>Now that we have a completely new political situation in Washington as
>>>of the first of the year, let's see if we can get some of our rights
>>>back.
>>>
>>What are you smoking, Richard? If the new regime gets into the area of
>>rights at all it will be to decree that we can't look at pictures of
>>nekkid humin beans or say 'fuck' on the Internet.
>
>>Get Real.
>
>>Norm
>
>
> Maybe you are right. Or maybe seeing how easily they can be thrown out of
>office will make *all* politicians more responsive to citizens who care
>enough to write.
> I say Richard is right, we are talking about politicians. They will sway
>which everway the pressure is coming from. The more organized we are the
>better.
> Or we can lie down and get squashed and then bitch about it.
>
>
>Ed
>
>
>
>
>--
>- Could the FDA's regulation of cigarettes cost lives?
>- Is civil rights protection for sexual orientation "violence"?

>- Could the rationing of Health Care mean the end of seat-belt laws?
>- Why did an FBI sniper shoot off Vicki Weaver's face as she held her baby?
>
> Check out some uncommon sense (and some cool graphics & links) at:
>
> http://www.interaccess.com/users/edmc/
>

5546. Anaheim, CA., Freq's?

Newsgroup: rec.radio.scanner
Date: 1994-11-16 05:49:36 UTC
From: mccready@pipeline.com
Message-ID: <3ac6hg$g8u@pipe1.pipeline.com>
Source record: 265523

Anyone have freq's for Anaheim, John Wayne (Orange County)
airport, or the convention center there? Post or email is fine.

Thanks in advance!

--Gary

5547. Re: Trans-Atlantic Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-16 06:26:13 UTC
From: mulligan@ACM.ORG
Message-ID: <3ac8m5$kis@hopper.acm.org>
Source record: 265608

mxs5837@vaxa.isc.rit.edu asked:
> ... what the trans-atlantic airline frequencies may be??

For Aeronautical Enroute stations in the U.S., try -

North Atl: 2872 2899 2962 2971 3016 3476 4675 5598 5616
5649 6622 6628 8825 8831 8864 8879 8891 8906
11279 11309 11336 13291 13306 17946 kHz

South Atl: 2854 2935 3452 5565 6535 8861
11291 13315 13357 17955 kHz
/* barry /&

5548. High VHF reception seasonal?

Newsgroup: rec.radio.scanner
Date: 1994-11-16 06:28:50 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.784967330@vela.acs.oakland.edu>
Source record: 265609

Can anyone tell me why the good reception I experienced all summer long
in the 156-158MHZ range has deteriorated as we get closer to winter?
I'm not shure if the signals strenght reaching my scanner has droped off
or if the interference has picked up.

Thanks, Neil

ncschult@vela.acs.oakland.edu

--

--N.C.Schulth
eiss
Detroit, Michigan, USA
ncschult@vela.acs.oakland.edu

5549. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-16 06:40:54 UTC
From: cs327953@dingo.cc.uq.oz.au
Message-ID: <3ac9hm$onb@dingo.cc.uq.oz.au>
Source record: 265610
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

Andy Domonkos (domonkos@access.digex.net) wrote:
: In article <39477j$mr8@pentagon.io.com>, Earl Cooley wrote:
: > In article <3913eh$rq7@xcalibur.IntNet.net>,
: > Jonathan Cooper <entropy@zeus.IntNet.net> wrote:
: > >>They don't listen to them manually, they actually have computers listen
: > >>for 'key' words. Anything with 'kill' and 'president' gets some attention
: > >>I guess. Soon, any converstaion with 'scanner' will bring armed men to
: > >>your door I'm sure.
: > > Upon what information do you base this bullshit statement?
: > >
: > You mean you've never heard of Harvester technology? It's been available for
: > over twenty years now.
: >
: > --

: Looks like plenty of 'technically sheltered' folks out there...try being
: a comms consultant for the government; gives new meaning to 'paranoia'...

It's really nothing that you can't do yourself. Its hardly brainstorming
technology. Hell .. write a script that pipes news articles through awk
and grep any keywords you deem offensive/rebellious. Heck you don't even
need awk !

5550. RS PRO-43... new model???

Newsgroup: rec.radio.scanner
Date: 1994-11-16 07:27:56 UTC
From: effigy@west.darkside.com
Message-ID: <09gVVc2w165w@west.darkside.com>
Source record: 265618

If anyone can help me out with the cell mods for the Radoio Shack PRO-43 scanner I'd really appreciate it.

I've seen a few old MOD files (dated like 1992) but when I crack open my scanner, things don't quite match... The files I've seen say that there are diodes at positions D1, D2, and D4, and to move the D4 diode to the D3 position. Well, MY Pro-43 has diodes at D1 and D2. D3-5 are empty.

I've tried moving the two (super-micro sized) diodes around to other positions with no luck. Actually, the luck came in the fact that the scanner still works fine after all that mucking around and re-soldering. The end result is that nothing changed.

The scanner is only about a month old, and the salesman(?) at Radio Shack said that the Pro-43 had been re-designed to make modifications harder. He also said that the one I bought is 'probably' still the old 'easily modifiable' version. I've read some rumors to this effect, and that there was some way to tell by looking at the model/serial number of the unit...

Can anyone out there please give me some assistance? I like the scanner, but I'd like it better if it wasn't locked out...

-thanks.

5551. Re: San Jose Area FREQS Wanted.

Newsgroup: rec.radio.scanner
Date: 1994-11-16 07:57:10 UTC
From: msattler@jungle.com
Message-ID: <3ace0m$100@kadath.zeitgeist.net>
Source record: 265427

In article <39u403$ioh@newsbf01.news.aol.com>
joewo@aol.com (JoeWo) writes:

> In article <391av0$5d5@satisfied.elf.com>, msattler@jungle.com (Michael
> Sattler, San Francisco) writes:
>
> Hi!! youse guys have anything for the Chico CA area? tanks!!

I most certainly didn't write *that*, my English is much gooder that
that. What I suspect JoeWo was trying to include was the pointer to my
home web pages. There you'll find the municipal frequencies for the
entire state of California, sorted by town name. Ju welcum.

Michael Sattler <msattler@jungle.com> San Francisco, California
http://www.wco.ftp.com/~msattler/
LOOKING FOR WORK: technical manager, software engineer, trouble-shooter
of systems and networks everywhere, documentation writer and trainer;
on the streets after the untimely death of an entire west coast R&D
office. Extra points given for advanced technology and network access.

5552. Re: 25.95 MHz RPB NW USA?

Newsgroup: rec.radio.scanner
Date: 1994-11-16 08:20:49 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3acfd1$1ls0@tiger1.ocs.lsu.edu>
Source record: 265430

I'm sorry (I should know this), but what is RPB? Is that a repeater?
Dave

wbloss@delphi.com wrote:
: Been hearing a CBS radio station RPB on this frequency lately.
: Lotsa QSB, always fades out @ ID time :(, I Think is from
: Portland area or at lease NW USA. Any ideas? Add this to the
: Florida and Cincinatti station that haave frequent 25 MHz RPB's
:
: Thanks
:
: Wally Bloss
: A Human
: WB0BAV

5553. Re: Pro-43 "Priority" broke

Newsgroup: rec.radio.scanner
Date: 1994-11-16 09:54:33 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <3acksp$b7t@freenet3.scri.fsu.edu>
Source record: 265622

Brian J. Rueger (brueger@infi.net) wrote:
: The other day I noticed that while monitoring one channel I was not getting
: anything from my priority channel. I kept watch and sure enough it seems to
: be inoperative. If you watch the display, it flickers every two seconds like
: it should when it scans the priority channel but nothign comes across.

Make sure the priority channel is in the proper mode (AM or FM) for what
you want to receive on that channel.
...73's...chuck...KE4QPU...

5554. Re: AR-2500 Control Software

Newsgroup: rec.radio.scanner
Date: 1994-11-16 10:08:21 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <784980501snz@javiaton.demon.co.uk>
Source record: 265435

In article <3a3s9a$q5k@newsbf01.news.aol.com> perky549@aol.com "Perky549" writes:

> In article <779446883snz@javiaton.demon.co.uk>,
> Clough@javiaton.demon.co.uk (Jonathan Clough) writes:
>
> There are 2 programs that I am aware of, ScanCat 5.0 and ScanCat Pro, both

Not wanting to waste bandwith here but just to confirm "Perky 549" wrote it
not me :-)

--
Cheers,
/--\
Jonathan Clough,	AOR - Alinco - Camnis - Commtel - Bearcat -
Javiation,	Fairmate - Icom - Sony - Lowe - Realistic -
Bradford, UK	Signal - Tandy - Uniden - Yupiteru & Others
Tel: +44 0 1274 732146 \---
Compu$$erve: 100117,535
Internet : Clough@javiaton.demon.co.uk
\--/

5555. y

Newsgroup: rec.radio.scanner
Date: 1994-11-16 11:18:10 UTC
From: kindel@rain.org
Message-ID: <3acppi$9u9@coyote.rain.org>
Source record: 265433

[No readable article body recovered]

5556. Re: N.S. Canada freq's please !

Newsgroup: rec.radio.scanner
Date: 1994-11-16 11:29:20 UTC
From: shearman@r-node.io.org
Message-ID: <3acqeg$47@ionews.io.org>
Source record: 265465

rling@cad3.uccb.ns.ca wrote:
: Hello:
: I'm looking for any Nova Scotia frequency's.
: I'm located in the eastern part of the province and would appericate
: any freq's e-mailed to me.
: I'm also looking for the cellular site locations in the eastern part
: of the province. System A or System B .
: Thanks in advance...
: Ron

Ron:

Your best bet would be to pick up a copy of the Haruteq frequency guide (Coles & SmithBooks carry them in Ontario) for Quebec and the Maritimes. Haruteq lists all the cellular frequencies used in Canada (they don't change across the country). Set your scanner in "search" mode and start looking. Cantel towers use 880-890 mhz (roughly) and Bell Mobility uses 890-895 mhz (roughly). You can find out the cellualr coverage area by droppin in to your local Bell Mobility or Cantel dealer and picking up a system map. It isn't detailed and it doesn't list sites, but it does show the coverage area. My map shows the cell sites follow the Trans Canada out to Sydney, down to Yarmouth and back up to Wolfville. Parts of Pictou County, Guysborough and the south-central interior are not covered, as is the Cabot Trail and Cape North and the area south of Sydney inCape Breton Co.

Regards,

David Shearman.

5557. Re: Canadian Frequency Database !!

Newsgroup: rec.radio.scanner
Date: 1994-11-16 11:35:12 UTC
From: shearman@r-node.io.org
Message-ID: <3acqpg$47@ionews.io.org>
Source record: 265469

rling@cad3.uccb.ns.ca wrote:
: Hi:
: Does anyone know of a Canadian Frequency Database on disk or cd rom?
: Ron

Haven't heard of one. A fellow in Toronto just got a full list of Ontario frequencies from the DOC on 9 track computer tape. He had them transcribed onto DOS disks. The file for Ontario alone is 40 meg! And the DOC did nt include the police frequencies... he's applying for those under the Freedom of Information Act and says the Privacy Commissioner has encouraged him!

5558. CTCSS BS in Tucker Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-11-16 11:53:54 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.114.00E3AA13@mail.mei.com>
Source record: 265487
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

Just arrived in the mail: Catalog 1094C from Tucker Electronics.

Check out page 22 where they attempt to get the unsuspecting
monitoring enthusiast to buy the OPTOELECTRONICS DC440
CTCSS/DTMF decoder ($259.00) ...

"Continuous Tone Coded Squelch System or CTCSS as it's
commonly known is being used by more and more non-trunked
VHF/UHF two way radios and public service agencies. What
CTCSS is, is a sub-audible tone that is encoded in a radio
signal."

Ok. Nothing really wrong with that. Read on...

"In order to hear the transmission your scanner or receiver
HAS TO HAVE this tone frequency programmed in. This is
why you can program many police frequencies from your
scanner directory but still hear only silence."

Do you believe this SHIT!?

I'm sure that the DC440 is a fine product but to use the
BLATANT LIES above to get the unsuspecting scanner owner
to purchase one is false advertising at it's worst!!

```
P A R A D I S E * *
TAR & ASPHALT * * * *
* * )
__ * ) (
|| _____ || kevin.jessup@mail.mei.com (
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"Paving paradise and putting up parking lots."
```

5559. Frequencies for Colonial Williamsburg?

Newsgroup: rec.radio.scanner
Date: 1994-11-16 13:13:18 UTC
From: men0@ns1.CC.Lehigh.EDU
Message-ID: <3ad0he$4fmk@ns1.CC.Lehigh.EDU>
Source record: 265437

Can anyone provide me with frequencies for Colonial Williamsburg and the immediate area? I'm going down there later next week. Many thanks.

Michael Nagel
MEN0@Lehigh.EDU
Michael E. Nagel
Office of Development

5560. Re: 25.95 MHz RPB NW USA?

Newsgroup: rec.radio.scanner
Date: 1994-11-16 13:21:25 UTC
From: wbloss@delphi.com
Message-ID: <5S4VMhF.wbloss@delphi.com>
Source record: 265436

David B Baker <dbaker@tiger.lsu.edu> writes:

> I'm sorry (I should know this), but what is RPB? Is that a repeater?

Hi Dave...
sorry for the code
RPB = Remopte Pickup Broadcast, ie officially the link from a remote location to the radio studio. Thats more of an assumption on my part, the FCC licenses these 25.xx and 26.xx frequencies in the "BA" or Broadcast Auxilary service. Typically these HF frequencies are bring used as an in-town cue or actuality line. The one in Tampa Florida used to boom into most of the USA. They were a talk radio format with a 30 second delay over the air. SO they put the 25.87(?) signal on the air to give their reporters a "real-time" listening capability so they can come in on cue, not 30 seconds later! Most radio stations use the 161.xx or 450/455.xx band for that purpose, but in metro areas they are very culttered, and may not cover as well as the HF frequencies.
Sorry the long diatribe and the 2 fingered typing.

ANYONE, ANYONE - what station is this?

Wally Bloss
A Human
WB0BAV

5561. Use TV antenna to receive UH

Newsgroup: rec.radio.scanner
Date: 1994-11-16 13:36:46 UTC
From: 00103003@cpccux0.cphk.hk
Message-ID: <3ad1te$9uv@cpccux0.cphk.hk>
Source record: 265516

As I know, the TV Broadcast is using UHF to transmit the signal.
Can I use the TV antenna to receive the UHF signal (around 450Mhz.)?
Thanks you!

William C.K. Wong
93103003@CityU.edu.hk
00103003@cpccux1.CPHK.hk

5562. Re: Help protect me from lightning

Newsgroup: rec.radio.scanner
Date: 1994-11-16 13:39:55 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.15.000DAAB6@ccm.hf.intel.com>
Source record: 265324

In article <CzB7y3.8r5@nntpa.cb.att.com> parnass@nwsf.ih.att.com (Bob Parnass, AJ9S) writes:

>Disconnecting *and grounding* the antenna when not in use is still
>the best protection. I perform the ritual for my tallest antennas
>and constructed an antenna patch panel to ease connection/disconnection.

I would think that a lightning rod would be important if you were doing this. By grounding the antennas you are actually making a bunch of lightning rods that could not handle a direct strike. A lightning rod mounted above the highest antenna would reduce the chance of a strike to the antennas. ...where is Gary Coffman when you need him ;-)

Not to confuse the issue, grounding the antennas IS the way to protect your radios.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5563. Re: Need Information on Uniden MR8100

Newsgroup: rec.radio.scanner
Date: 1994-11-16 13:43:19 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.16.000DB93C@ccm.hf.intel.com>
Source record: 265311

In article <3a9d79$1fa@newsbf01.news.aol.com> tieplate@aol.com (Tie Plate) writes:

>In article <39kj09$eur@newsbf01.news.aol.com>, scan911@aol.com (SCAN911)
>writes:

>Am looking for MR8100 software. My local dealer no longer sells the 8100
>or the software. Thanks for any help.

There is a program called Scan Star written by Sam Dunham that handles the
8100. I think ScanCat may also do it. Check out Monitoring Times or Popular
Communications for the ads.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5564. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-11-16 13:43:46 UTC
From: parnass@ihlpf.att.com
Message-ID: <CzD4sz.HJu@nntpa.cb.att.com>
Source record: 265624
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: November 3, 1994 |

Introduction to Scanning
by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, where to get it repaired if required, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves between 49.67 and 49.99 MHz by their sensitive baby monitor intercom.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. A new law threatens to outlaw listening to cordless phones, too.

It is now illegal for companies to sell recently manufactured scanners which cover or can be easily modified to cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have enacted their own laws against listening to cordless phones. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend many of the AOR brand scanners.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and

usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners almost always provide more audio than portables, and portables are usually more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band. Usage of the 800 - 950 MHz band is growing fast and you will miss out on the action unless your scanner covers this band.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio specifically designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to many scanner owners.

Currently, the more popular scanners include the Uniden/Bearcat 760XLT (a/k/a 950XLT) and Radio Shack PRO-2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT) and Radio Shack PRO-43 portables. A number of owners report problems with the Uniden/Bearcat 8500XLT and 2500XLT and new replacement models are rumored.

Considered by many as the best scanner ever made, the 400 channel Radio Shack PRO-2006 has recently been replaced by

the 1000 channel PRO-2035.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be somewhat more prone to lightning strikes because they are not at "DC ground."

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Wal-Mart, K-Mart, Service Merchandise, and Circuit City sell scanners, but carry just a few models. Department stores, like Sears Roebuck and Montgomery Wards, sometimes offer low end scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- Marymac Distributing (Katy, TX) sells Radio Shack scanners at discount, but charges a 20% restocking fee for returned merchandise. Telephone (800)231-3680 and (713)392-0747.

- Scanner World (Albany, NY). Telephone (518)436-9606.

Beware of inflated "shipping and handling" charges and be sure to include these when comparison shopping.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, garage sales, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. Modification article files can be copied from

several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

KD4MOJ maintains a scanner modification server for people without FTP access. You can request a list of scanner modifications by sending electronic mail with the words GET INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove Enterprises for about $25. This single edition contains

several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA, tel. (508)655-6300) for some regions. |

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. It will likely disappoint experienced scanner hobbyists and is better suited for beginners. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The DOS access software is somewhat difficult to use

and the frequencies are displayed with annoying leading zeroes.

Grove enterprises sells FCC license information on floppy disks. Disks for each state are sold separately, and the information is basically the same as the FCC "state sort," i.e., transmitter location (state/city), callsign, licensee name, and type of license. Some hobbyists find Grove's DOS access software is easier to use than the PerCon CDROM access software.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

I offer a service which locates FCC licensed and selected | FAA transmitter sites in an area of your choice, and | produce a custom color map. I call this new innovation | RadioMap(TM) service. It allows you to identify antenna | sites (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of | interest -- from VLF through microwave. |

This is completely different from the limited maps | displayed on the Grove Enterprises CDROM. Through a new | licensing arrangement with a professional mapping company, | RadioMap shows detailed streets, railroads, rivers, and | cities. Ham radio stations are not shown as they would | clutter the RadioMap. RadioMap includes key sheets which list frequencies, callsigns, and licensee names. In rural areas, ranges of up to 10 miles are possible, while ranges of 1/2 to 3 miles produce best results in urban cities.

I will produce custom color 8-1/2" by 11" RadioMap reports, | suitable for framing or laminating, for areas in any of the | 50 states. Send $19.95 for each color RadioMap, your name, address, and telephone number, along with center location | (nearest intersection of 2 streets, or latitude & | longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL | 60543. tel. 708-554-3839 6-10 PM central time.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being

placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the

ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded, attenuating cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. Rick Christian advises these strict rules for the AOSCNet Scanner Radio Echo (as of 2/1/94):

1. No discussion of cellular modifications or discussions on how to monitor cellular transmission.
2. No discussions on topics which would violate the ECPA '84, TDDRA '93, (18 USCA 2510 et seq.) or Communications Act 1934 & 1984 as amended (47 USCA 705), i.e., decoding/reception of paging, cellular, encrypted stuff, descrambling etc..
3. No Aliases.
4. No discussion of Shortwave or Amateur Radio material (except SAREX).

For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for

membership. (Note: This file will not be sent back to
*.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is
the foremost club for scanner radio hobbyists in the
northern Illinois area. CARMA was formed from the Chicago
chapter of the Radio Communications Monitoring Association
(RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but
the club is devoted to scanning and scanners.

Meetings are held on Saturdays at area restaurants, about 6
times a year. Although lunch starts at noon, the meetings
begin officially at 1 PM and often run until about 4 PM.
You must purchase a lunch since we get the room for free.
Meetings consist of a quick review of club business,
sometimes a special presentation, and a "round table"
discussion/question & answer session. Large quantities of
information and frequency lists are often distributed in
the form of free handouts. Members sometimes sell radio
equipment at the meetings, too.

In addition to regular meetings, there are two CARMA
picnic/field days during which members meet at a park,
erect antennas, eat, and operate scanners from battery
power. CARMA members take organized tours of various
communications facilities in the area.

Club meeting dates and times are published in the CARMA
newsletter, published 6 times a year. A one year
subscription is available by mailing a $10 check, payable
to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Many CARMA members participate on the CARMA computer
bulletin board, run by Will Sperling. If you have a modem
and terminal or computer, you can reach the CARMA BBS by
calling (708)852-1292.

Here is a tentative meeting schedule for the remainder of |
1994 and 1995. All meetings will be held on Saturdays at
the Destiny Restaurant, 1440 Rand Road, Des Plaines, IL:

December 10, 1994 |
February 18, 1995 |
April 15 |

June 17 |
August 19 |
October 14 |
December 16 |

Bring a notebook and your appetite.
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5565. How to Find Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-16 13:44:15 UTC
From: parnass@ihlpf.att.com
Message-ID: <CzD4ts.HLA@nntpa.cb.att.com>
Source record: 265524
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed November 3, 1994 |

HOW DO YOU FIND THESE SCANNER FREQUENCIES?

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

I am often asked, "How do you find these frequencies?" Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books

The most convenient source of fire and police frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores for under $10. Police Call is basically a computer printout of FCC license information in the fire, police, local government, and conservation services in two lists: by licensee name within state, and by frequency. Later editions have included a few pages of local airport and nonsensitive federal government frequencies.

I highly recommend Richard Barnett's 1992 book, Monitor America, published by Scanner Master Corp., and available from Grove Enterprises for about $25. This second edition is crammed full of police, fire, local government, news media, sports, national park, and commercial broadcast frequencies for all 50 states. The information was compiled mainly from members of the world's largest scanning club, the Radio Communications Monitoring Association (RCMA). Monitor America contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.

Beyond Police Call, available from several sources including Radio Shack, covers the business, schools, and other stations not covered by Police Call, its sister publication. One volume covers the entire USA, but no call signs are shown.

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide. The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $20. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is the best book in print for this difficult to obtain information.

A more accurate, but smaller and less comprehensive book is Midwest Federal Frequency Directory. It was published in 1986, and copies are getting scarce. Copies may still be available for $10 from Scan America.

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells the information on PC floppy disks for each state instead.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The DOS access software is somewhat difficult to use and the frequencies are displayed with annoying leading zeroes.

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

I offer a service which locates FCC licensed and selected | FAA transmitter sites in an area of your choice, and | produce a custom color map. I call this new innovation | RadioMap(TM) service. It allows you to identify antenna | sites (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of | interest -- from VLF through microwave. |

This is completely different from the limited maps | displayed on the Grove Enterprises CDROM. Through a new | licensing arrangement with a professional mapping company, |

RadioMap shows detailed streets, railroads, rivers, and | cities. Ham radio stations are not shown as they would | clutter the RadioMap. RadioMap includes key sheets which list frequencies, callsigns, and licensee names. In rural areas, ranges of up to 10 miles are possible, while ranges of 1/2 to 3 miles produce best results in urban cities.

I will produce custom color 8-1/2" by 11" RadioMap reports, | suitable for framing or laminating, for areas in any of the | 50 states. Send $19.95 for each color RadioMap, your name, address, and telephone number, along with center location | (nearest intersection of 2 streets, or latitude & | longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL | 60543. tel. 708-554-3839 6-10 PM central time.

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)1. Only 12 of the 21 information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau", indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'2.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information is marked 'unclassified', but all fields are furnished, including some which indicate security related usage. Grove sold this set of 33 microfiche cards for about $13.

Two way radio equipment formerly used by the armed forces often appears for sale at hamfests. Less often, Secret Service and FBI radios appear there from time to time, too. When you see such equipment, look over the radio for a frequency label and write down the frequencies stamped on the crystals or channel elements. Make note of any service or property tags which specify the agency or military base which used the equipment.

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

Since the early 1960s, I had been an amateur radio operator, and belonged to amateur radio clubs, but I never realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road
Springfield, OH 45503

Do Your Own Sleuthing

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

More about sleuthing will be discussed in Part II of this article.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

Part I of this series discussed how scanner enthusiasts can obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

What Makes Station Identification Difficult?

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters. Police and fire departments, especially those with trained radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are

given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information.

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find Dymo or P-Touch tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I examined a military manpack radio being used by

dispensary paramedics. The radio's tuning dial was set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored personnel carriers at the local county fair, each equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM radio had a set of channel select pushbuttons, much like those in a car radio. I asked a guardsman a few questions about the radio, and he demonstrated the channel preset feature. A panel above the channel pushbuttons was labeled with the frequencies: 32.055, 34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at the Marseilles armory "open house". The public was permitted to climb aboard, and observe the instrumentation and radio gear. A channel plate on the instrument cluster listed over a dozen frequencies.

Hobbyists are urged to exercise a modicum of restraint and good judgement. In New Jersey, a radio technician/hobbyist called to service a transmitter in a county building, noticed a new unattended repeater installation in the same room. Being curious about what frequency this repeater was on, he opened the access door to copy the frequencies from the radio's crystals. It turns out that this radio belonged to the US Secret Service, and opening the access door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's permission to tamper with that equipment.

Another source of frequency information is as close as your nearest Radio Shack store. Some Radio Shack stores make a local frequency list available to assist their scanner customers. Be sure to ask. Stores located in shopping malls almost always know the mall security frequencies. I often check the frequencies programmed into the floor model scanners, too.

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the Radio Shack PRO-2035, ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

How Can I Determine To Whom I'm Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot easier for me, and legal for them! (one may use FCC license microfiche, described in Part I of this article, to identify stations using call letters.) Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls. A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi

antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center (XYZ is a pseudonym for the actual licensee name.)
Lisle, Illinois

I watched the driver pick up a microphone, and listened to him on my portable scanner checking back with his "base".

All the pieces fit: the "guests", the "classes", the "instructors". Mystery solved; I had been monitoring the customer training center for a large computer manufacturer. The training center has hotel rooms and dining facilities to accommodate students from out of state. As a convenience, shuttle van service is provided to local shopping malls.

Summary

Through books, government records, and radio clubs, scanner listeners can make use of frequency information compiled by others. Two-way radio users often fail to identify their transmissions properly, making it more difficult for listeners to know who they are monitoring. By examining radio equipment labeling, and monitoring and taping transmissions, scanner enthusiasts can unearth new information.

Addresses

Grove Enterprises,
PO Box 98,
140 Dog Branch Road,
Brasstown, NC 28902.
tel (704)837-9200

Official Scanner Guide,
PO Box 712,
Londonderry, NH 03053.

Scan America,
430 Garner Drive,
Suffield, OH 44260-1557

Scanner Master,
PO Box 428,
Newton Highlands, MA 02161.
telephone 1-800-722-6701.

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1. See "The Government Giveth, the Government Taketh Away", by Richard Prelinger, in Monitoring Times, July 1982.

2. See "AFIO and the FOIA", by Bob Grove, in Monitoring
Times, September 1982.

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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5566. Re: Canadian Frequency Database !!

Newsgroup: rec.radio.scanner
Date: 1994-11-16 14:07:20 UTC
From: jgault@fox.nstn.ca
Message-ID: <3ad3mo$j1a@Owl.nstn.ca>
Source record: 265478

In article <1994Nov14.214920.1@cad3.uccb.ns.ca>, rling@cad3.uccb.ns.ca says...

>Does anyone know of a Canadian Frequency Database on disk or cd rom?

Hi Ron:
Ive looked just about everywhere for this, can't find a thing. Im currently using the Haruteq
Scanner Handbook for Ontario. I would be very interested in hearing about anything you find on this topic.

Thanks....Jerry

5567. Re: PRO-43 DISCONTINUED?

Newsgroup: rec.radio.scanner
Date: 1994-11-16 14:20:29 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <CzDyBn.n1u@utnetw.utoledo.edu>
Source record: 265476
Cross-posted to: rec.radio.scanner,alt.radio.scanner

marcbg@metronet.com (Marc B. Grant) writes:
>In article <3a5i9u$sp3@gaia.ucs.orst.edu>, traynort@ucs.orst.edu (Tedd
>Traynor) wrote:
>
>> .... My Radio Shack dealer said that THE PRO -43 HAS BEEN DISCONTINUED too.
>> Rat Shack said the Pro-62 is replacing it but the Pro-62 does not receive the
>> Military band. Is this true? Has there been a bill passed to outlaw
>> access to the military air channels? Just a little concerned.
>
>Well, tell him that the Pro-43 is in the 1995 Catalog, and that RS does
>indeed have them in stock. I suggest you call other RS dealers. If not,
>I can give you the address/phone # of a bunch here in the Dallas-Fort
>Worth area that have plenty of Pro-43 stock (I just bought one).
>
>The Pro-62 doesn't have the mil air band, and I SUSPECT it's alot harder
>to modify (if not impossible) for cellular coverage.
>
>--
>Marc B. Grant | Fax: 214-231-3998 | "There's no excuse
>marcbg@metronet.com | Pager: 214-246-1150 | to drink bad beer"
>Amateur Radio N5MEI | | - Solona Beach Brewery

The PRO-43 is discontinued folks, and the ones that are floating around are of
the non-celluar-modifiable type. The PRO-62 looks like a GRE product, and
essentially functions exactly like the 43, however the case is different, and
there is no military air band. Not have military band is a strange move by
GRE, no legislation forbids military-air-capable scanner production.

Later...

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

5568. Re: Pro 43 No Longer Cellular Capable in Canada

Newsgroup: rec.radio.scanner
Date: 1994-11-16 14:39:48 UTC
From: aankrom@crow.ucs.indiana.edu
Message-ID: <CzD7ED.K2A@usenet.ucs.indiana.edu>
Source record: 265441

In article <1994Nov8.150547.5656@venus.gov.bc.ca>,
Neil Townsend <netowns@netowns.bcsc.gov.bc.ca> wrote:
>It's sad but true. Even though it is not *illegal* to listen to cellular calls
>in Canada, Radio Shack stores in Canada no longer sell cellular capable
>pro-43 scanners. If you are in Canada and plan to purchase a pro-43,
>check the serial number first. If it starts with the letter "A" (A123456) then
>it is no longer cellular capable. I am not sure if the same is true with
>other models. Has anybody else had similar findings with other RS models
>in Canada?
>
Solution: Buy a USED one! I'm sure many pawn shops have them although
I don't know why someone would want to part with one...

Anthony Ankrom

--
After I zoquo I like to ushnuu..

5569. Re: RS PRO-43... new model???

Newsgroup: rec.radio.scanner
Date: 1994-11-16 14:43:46 UTC
From: wfp5p@tigger.itc.Virginia.EDU
Message-ID: <CzD7Ky.61A@murdoch.acc.Virginia.EDU>
Source record: 265440

In article <09gVVc2w165w@west.darkside.com>,
the effigy <effigy@west.darkside.com> wrote:
>
The scanner is only about a month old, and the salesman(?) at Radio Shack
>said that the Pro-43 had been re-designed to make modifications harder.
>He also said that the one I bought is 'probably' still the old 'easily
>modifiable' version. I've read some rumors to this effect, and that there
>was some way to tell by looking at the model/serial number of the unit...
>

Look at the FCC ID on the back. If it has an A on the end of it, it is one
of the newer ones.

--
Bill

5570. Re: Pro 39

Newsgroup: rec.radio.scanner
Date: 1994-11-16 15:45:56 UTC
From: paul@panix.com
Message-ID: <3ad9fk$saq@panix2.panix.com>
Source record: 265442

In <3abbh1$244k@usenetw1.news.prodigy.com> KXUG61A@prodigy.com (VINCENT VANDUCHI) writes:

>Great scanner. Ive got one right here, I love it. Now in S. Florida, its
>very helpful to me, Tropical Storm Gordon, being a portable BATT.
>operated unit. Do get one, you should enjoy it.

I just picked one up used yesterday. I was wondering if there are any mods
available for this model. I have an old post of md files and this is what I see:

```
-rw-rw-r-- 1 root 1602 Aug 3 20:04 pro2026.mod
-rw-rw-r-- 1 root 1201 Aug 1 17:20 pro34.mod
-rw-rw-r-- 1 root 16381 Aug 3 20:04 pro37.mod
-rw-rw-r-- 1 root 5295 Aug 3 20:05 pro38.mod
-rw-rw-r-- 1 root 2248 Aug 3 20:05 pro43-2.mod
-rw-rw-r-- 1 root 2613 Aug 3 20:05 pro43-3.mod
-rw-rw-r-- 1 root 5608 Aug 3 20:05 pro43.mod
-rw-rw-r-- 1 root 4237 Aug 3 20:05 pro43.smeter.mod
```

Is this list old or is the pro39 unmodifiable?

This is at the site: ham.eetech.mcgill.ca:/pub/ham-radio/mods
which I am unable to access via ftp or telnet-- anyone else have any luck?

paul@panix.com

5571. HELP: Yupi 7100

Newsgroup: rec.radio.scanner
Date: 1994-11-16 16:26:10 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <3adbr2$ge2@oak.oakland.edu>
Source record: 265444

[Article crossposted from rec.radio.shortwave]
[Author was prvalko]
[Posted on 16 Nov 1994 16:00:54 GMT]

Does anyone out in cyberspace have a service manual or other means of telling me the values of R82 and R83 in the Yupitero MVT-7100?

Thanks in advance.
=paul= wb8zjl

5572. Pro 51 Mods!

Newsgroup: rec.radio.scanner
Date: 1994-11-16 16:33:28 UTC
From: news4@cei.net
Message-ID: <3adc8p$n1p@gould.ualr.edu>
Source record: 265447

So I've mastered the 3-button startup test frequencies for Cell Calls.
But, is there ANY way to make that function WITHOUT wiping out all
the frequencies stored in the scanner? Any electronic mods for this one?
The startup switch is slick. But I'm getting tired of re-entering a ton of
frequencies every time! And, please, don't tell me to get another
scanner. Just got this one and really like its size and performance.

Doug

5573. PRO-51 4-sale

Newsgroup: rec.radio.scanner
Date: 1994-11-16 17:28:18 UTC
From: cmb6@po.CWRU.Edu
Message-ID: <3adffi$kg5@usenet.INS.CWRU.Edu>
Source record: 265490

subject line says it all.

with manual.. $150+shipping
--
A road map will tell us everything we want to know
except how to fold it up again!

5574. Military callsigns

Newsgroup: rec.radio.scanner
Date: 1994-11-16 17:54:06 UTC
From: glm@xmission.com
Message-ID: <3adhaf$86b@xmission.xmission.com>
Source record: 265486
Cross-posted to: rec.aviation.military,rec.radio.scanner,alt.radio.scanner

I am involved in editing the callsigns list that Steve Douglass maintains in his Intercetps newsletter. I
would like to hear from anyone who can tell me the callsigns, types of aircraft and the unit they are
assigned to from the various military bases around the US.

I monitor Hill AFB in Ogden, UT. They fly mostly F-16's. Callsigns from the 419th FS are THUD,
CYBORG and ALTA. The 388th FS has many including, CORVETTE, KNIFE, JASPER, SPIDER,
AIRGUN, ICEMAN, JASPER and others.

I would appreciate any input either here to via e-mail. Thanks a lot.
--
-Gary
glm@xmission.com -Salt Lake City, Utah USA-
~!

5575. Re: RS PRO-43... new model???

Newsgroup: rec.radio.scanner
Date: 1994-11-16 18:05:13 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Nov16.130513.3072@hnrc.tufts.edu>
Source record: 265450

In article <09gVVc2w165w@west.darkside.com>, effigy@west.darkside.com (the effigy) writes:
> The scanner is only about a month old, and the salesman(?) at Radio Shack
> said that the Pro-43 had been re-designed to make modifications harder.
> He also said that the one I bought is 'probably' still the old 'easily
> modifiable' version. I've read some rumors to this effect, and that there
> was some way to tell by looking at the model/serial number of the unit...
>
If there's an A in your serial number, you're out of luck--it's not modifiable.

5576. Re: Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-16 18:15:54 UTC
From: tharrell@nmsu.edu
Message-ID: <3adi8q$cpg@dns1.NMSU.Edu>
Source record: 265242
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

David M. Comer (dcomer@dmcmicro.win.net) wrote:
: Why would you want to say 'fuck' on the internet anyway?

Well, when people repost the entire article just to stick one more line in, 'fuck' does come to mind.

Does that answer your question?
--
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5--- (in mail) Beware of geeks bearing .gifs... |
* The Second Amendment is the '...and we're not kidding!' clause *

5577. Yeasu Portable 4 sale

Newsgroup: rec.radio.scanner
Date: 1994-11-16 18:50:36 UTC
From: zlew14@AMOCO.COM
Message-ID: <3adk9s$29j@tabloid.amoco.com>
Source record: 265491

This is a cross post for someone so please use e-mail address at BOTTOM.
Larry

Newsgroups: misc.emerg-services
Message-ID: <01HJI78X9AYQES0OZR@ACAD1.MTSU.EDU>
Date: Tue, 15 Nov 1994 10:41:24 -0600
Sender: Emergency Services Discussion List <EMERG-L@MARIST.BITNET>
From: David Russell <DRUSSELL_SU@ACAD1.MTSU.EDU>
Subject: Yeasu Portable Radio For Sale
Lines: 21

For Sale:

Yeasu FTH-2009 VHF Portable Radio
6 Channel
1/5 watt switchable
DTMF Keypad built in
PL Tone board
High Gain antenna
Speaker Microphone
Heavy Duty Leather Carry case
Swivel Belt loop (allows for removal of radio from belt with 180 degree turn)
FNB-21 9.6V 600mAh Battery with wall charger

Radio is in like new condition. Never had any problems with it.
The purchase price for everything listed above was about $800.
I am selling the whole package for $450.

Email me direct for further questions or inquiries.
drussell_su@acad1.mtsu.edu

Thanks
David
==========
Larry Wall Amoco Chemical Co. Email: LEWALL@AMOCO.COM
VAX System Manager Voice: 708.420.4487 CIS: 70534,2301
Technical Support Services X.400: C=US A=ATTMAIL P=AMOCO S=Wall G=Lawrence I=E
All Opinions expressed are my own!!!
"AVAST, YE SCURVY CORPORATE SWABS!! PREPARE TO BE BOARDED" --- Bloom County
==========

5578. Still Looking for S-Meter Connection for PRO-2026

Newsgroup: rec.radio.scanner
Date: 1994-11-16 18:55:09 UTC
From: steveccbn@aol.com
Message-ID: <3adkid$p8o@newsbf01.news.aol.com>
Source record: 265492

I'm still looking for any advice on where to make the hookup on the circuit board for an S-Meter on my PRO-2026. Any help would be appreciated.

Thanks,

Steve

5579. Re: Advice Wanted...

Newsgroup: rec.radio.scanner
Date: 1994-11-16 19:27:42 UTC
From: Ben Hernandez <ben.hernandez@macsch.com>
Message-ID: <CzDKq7.AzE@draco.macsch.com>
Source record: 265494

In article <1994Nov14.235517.2254@news.uta.edu> SMITH,
drs3460@inxs.uta.edu writes:
>I'm looking around to buy my first scanner, and I have a few questions
>that I would be grateful if someone could explain a few things about:
>
>1. How many channels are practical? I realize that a 1000 channel unit
>would be nice, but I don't think it's worth the extra cost of say a 200
>channel unit. Is there any limitations to only 200 channels?
Do yourself a favor buy a BearCat BC 2500XLT and stay away from Radio
Shack. Good products, bad salesdroids. Most of the RS scanners are
Unidens with a lot of capabilities taken out. I have had absolutely NO
intermod problems with this radio and I live in the San Fernando Valley,
and frequently visit friends in downtown Los Angeles. I have owned a
total of 20 scanners and this is the one I have kept!
Features that I love:
400 Channels-20 Banks of 20 Channels
100 CPS search speed
Wide Coverage-25 Mhz to 1.3 Ghz
Autostore- It will scan and enter in new frequencies by itself.
Frequency Check- When entering in a new frequency it will check it
against its internal database and tell you what channel it is in if has
been programmed in before.
Very good backlight
10 Priority channels
Ability to Send freqs to other channels once they are programmed
in.-Another Cool Feature!
Built in Weather Scan
Rotary VFO Knob-Tune by Freq, or by channel.
Comes with Case, AC charger, and Earphone.
Too many other features to list!
This radio is available at many places at discount (under $360.00)
If you need additional info please feel free to contact me at:

==
Ben D. Hernandez, Microsystems Specialist voice (213) 258-9111 -or-
The MacNeal-Schwendler Corporation 800-336-4858
815 Colorado Blvd. fax (213)
259-3838
Los Angeles, CA 90041-1777 E-Mail: ben.hernandez@macsch.com
==

5580. Re: Bleak Future for Scanning

Newsgroup: rec.radio.scanner
Date: 1994-11-16 19:35:26 UTC
From: rotnapple@aol.com
Message-ID: <3admtu$pp2@newsbf01.news.aol.com>
Source record: 265511

In article <edmc.59.009D6EB8@interaccess.com>, edmc@interaccess.com (Edward McNamara) writes:

>Chris,
> Whether or not people monitoring police radio traffic can prevent abuse >of police power, it is interesting to know that MDT transmissions can be >intercepted and displayed or printed. For less then US$2000. you can put >the system together. You can also do the same with alpha-numeric pager >transmissions. Of course, that is illegal.

> Ed Mc

Monitor Police MDT traffic ?, for $2000. Tells us more? Like how did they get around security features like encryption etc etc?

I'd like to how and for only $2000.

Greg

5581. Re: Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-16 20:20:24 UTC
From: gcortevi@nyx10.cs.du.edu
Message-ID: <3adpi8$o95@nyx10.cs.du.edu>
Source record: 265496
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:

>In article <39u2v9$nsi@nyx10.cs.du.edu> gcortevi@nyx10.cs.du.edu (Greg Corteville)
writes:

>>Besides, politics plays a pivotal role in the scanning freedom of US
>>citizens. ^^^^^^^^

>They why isn't this article just addressed to .scanner, Greg? You've
>cross-posted it to .shortwave.

Because the original poster had a reference to rec.radio.shortwave in the
header of his message. I did a follow-up. It posts to the same groups.
My message would not have reached the persona to whom I replied if I
didn't cross-post. Not to mention the fact that I didn't see the header
until after the message had been sent.

Perhaps it should not have been posted to the shortwave groups. But it
has relevance in the scanner groups and I would like to see more of these
posts in the future.

--
Greg Corteville | "If privacy is outlawed, only
gcortevi@nyx10.cs.du.edu | outlaws will have privacy."
gcortevi@trident.lbs.msu.edu | - PGP Documentation
---[PGP Key available via finger]-----------------------------------

5582. Re: RS PRO-43... new model???

Newsgroup: rec.radio.scanner
Date: 1994-11-16 20:28:14 UTC
From: sflynn@freenet.vancouver.bc.ca
Message-ID: <3adq0u$qe1@freenet.vancouver.bc.ca>
Source record: 265497

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: In article <09gVVc2w165w@west.darkside.com>, effigy@west.darkside.com (the effigy)
writes:
: > The scanner is only about a month old, and the salesman(?) at Radio Shack
: > said that the Pro-43 had been re-designed to make modifications harder.
: > He also said that the one I bought is 'probably' still the old 'easily
: > modifiable' version. I've read some rumors to this effect, and that there
: > was some way to tell by looking at the model/serial number of the unit...
: >
: If there's an A in your serial number, you're out of luck--it's not modifiable.

Just what was changed after they added the A? Did they just hack off
the D3-D4 section of the board or was there significant rewiring? If
you had a PRO-43 with an A in the serial, could you put a diode in
across one of the leads somewhere (it probably wouldn't be as secure or
good as if done with an older model, but if you are just trying to "force"
the scanner to pick up cellular, lets say) or would you have to build
a whole new circuit board? (and if you're building the board, how big
would this board have to be - what stuff would need to be on it?)

Sean
sflynn@freenet.vancouver.bc.ca

5583. Israel Shortwave may

Newsgroup: rec.radio.scanner
Date: 1994-11-16 20:54:00 UTC
From: derek.buchler@channel1.com
Message-ID: <40.11770.2433@channel1.com>
Source record: 265470

DB> >Most of us aren't as paranoid as you. Go ahead and write all you
DB> want. Just don't tell the rest of us what to do.

RICHARD CRISP writes:

RC> So the message here is "do as I do not as I say"? Derek, you should
RC> follow your own advice!

Richard,

It sure does take a warped sense of logic to come up with that statement. Either that, or you just didn't stop long enough to digest what you read. Maybe the word "please" in the second sentence would have softened it (and made it more understandable to you).

Derek
* RM 1.4 B0223 * Yesterday was National Awareness Day...did you notice?

5584. Re: Weather Reports via Scanner & Modem

Newsgroup: rec.radio.scanner
Date: 1994-11-16 20:59:01 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1994Nov16.205901.10959@grian.cps.altadena.ca.us>
Source record: 265467

"Mitchell, Michael C" <MIMITCHE@NMU.EDU> writes:

>Back when I livedin Chicago, I used to hook an old scanner up to my mode
>m and recieve weather reports and warnings as they were broadcast. The
>frequency used was 147.060 Mhz. I am trying to find out if this service
>is offered in other areas of the U.S., specifically the Upper Pennisula
>of Michigan. Does anyone have any more info on this subject?

>Thanks, Mike

>**************************************
>* Mike Mitchell *
>* Northern Michigan University *
>* 129 Gant Hall *
>* Marquette, MI 49866 *
>* (906) 227-3441 *
>* mimitche@nmu.edu *
>**************************************

147.060 is a amateur 2-meter repeater output. Apparently you were
listening to an amateur radio operator rebroadcasting somebody's weather
service - perhaps NOAA ?

--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

5585. FAX Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-11-16 22:25:52 UTC
From: pott@ast.saic.com
Message-ID: <1994Nov16.222552.6263@ast.saic.com>
Source record: 265502

Does anyone know of a source for frequencies and transmit times for weather graphics?

E-mail responses are fine.
Thank you.

Pott

--
David L. Pottinger | telephone 619 458-5068
Science Applications International Corporation | fax 619 546-6833
4161 Campus Point Court MS E3 | e-mail pott@ast.saic.com
San Diego, CA 92121

5586. Wanted: Freqs for Walt Disney World

Newsgroup: rec.radio.scanner
Date: 1994-11-16 23:38:37 UTC
From: trask@sugar-land.anadrill.slb.com
Message-ID: <3ae55t$79a@sndsu1.sinet.slb.com>
Source record: 265506

I can't locate my freq list for Walt Disney World. I know it has been posted here before and would appreciate it if some kind sole would send me a copy by email (Trask@sugar-land.anadrill.slb.com) because I am leaving for Florida tomorrow eve. I know someone in this group can make this imposible request possible.

Thanks in advance

Fred

Trask@sugar-land.anadrill.slb.com

5587. Re: RS PRO-43... new model???

Newsgroup: rec.radio.scanner
Date: 1994-11-17 00:21:15 UTC
From: gdallal@world.std.com
Message-ID: <CzDyBF.GMs@world.std.com>
Source record: 265508

Sean Flynn (sflynn@freenet.vancouver.bc.ca) wrote:
: Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: : In article <09gVVc2w165w@west.darkside.com>, effigy@west.darkside.com (the effigy) writes:
: : > The scanner is only about a month old, and the salesman(?) at Radio Shack
: : > said that the Pro-43 had been re-designed to make modifications harder.
: : > He also said that the one I bought is 'probably' still the old 'easily
: : > modifiable' version. I've read some rumors to this effect, and that there
: : > was some way to tell by looking at the model/serial number of the unit...
: : >
: : If there's an A in your serial number, you're out of luck--it's not modifiable.

: Just what was changed after they added the A? Did they just hack off
: the D3-D4 section of the board or was there significant rewiring? If
: you had a PRO-43 with an A in the serial, could you put a diode in
: across one of the leads somewhere (it probably wouldn't be as secure or
: good as if done with an older model, but if you are just trying to "force"
: the scanner to pick up cellular, lets say) or would you have to build
: a whole new circuit board? (and if you're building the board, how big
: would this board have to be - what stuff would need to be on it?)

I wish I could help you. All I can say with certainty is that no one has reported modifying a 43 with an A in the serial number.

5588. Re: Pro 51 Mods!

Newsgroup: rec.radio.scanner
Date: 1994-11-17 00:25:34 UTC
From: gazerz@aol.com
Message-ID: <3ae7tu$18n@newsbf01.news.aol.com>
Source record: 265509

In article <3adc8p$n1p@gould.ualr.edu>, news4@cei.net (Doug Krile) writes:

>So I've mastered the 3-button startup test frequencies for Cell Calls.
>But, is there ANY way to make that function WITHOUT wiping out all
>the frequencies stored in the scanner? Any electronic mods for this one?
>The startup switch is slick. But I'm getting tired of re-entering a ton
of
>frequencies every time! And, please, don't tell me to get another
>scanner. Just got this one and really like its size and performance.

>Doug

I mentioned a few months back that if you hit the Manual key and punch up
915.000 and scan up and down...you will get bleed-throughs.
And friend has tried this in Westchester County in NY and he stated that
he receives nothing. I'm in Jersey and have tried this north and south of
the state and have gotten good results!

Good luck, Doug.

Robbie ;D

5589. New Uniden/Bearcat scanner models

Newsgroup: rec.radio.scanner
Date: 1994-11-17 00:38:59 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CzDz50.GG@nntpa.cb.att.com>
Source record: 265510
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Uniden has 4 new model scanners coming out:

1. BC9000xlt - base/mobile unit which looks like an
8500xlt. 25 - 550 and 760 - 1300 MHz minus cellular.
500 channels in 20 banks. TurboScan & Search.
Automatic sorting of freqs within each bank for faster
scanning. Selectable mode AM, NFM, WBFM. 10 priority
channels VFO knob. Selectable attenuator. Data skip.
Audio freq sound control (low pass filter). LCD dot
matrix display. Alpha display Automatic store. Aux
control of external devices like a tape recorder.
Count feature. CTCSS board and mobile mounting
bracket optional. I want one. :-)

2. BC3000xlt - hand held unit which looks like a 2500xlt.
400 channels in 20 banks. TurboScan & Search.
Automatic sorting of freqs within each bank for faster
scanning. Automatic store. NiCd pack. Selectable
attenuator. Count feature. Selectable modes: AM,
NBFM, WBFM. 10 priority channels. Selectable tuning
steps: 5, 12.5, 25, or 50 kHz. I want one of these, too.

3. BC80xlt - portable with 50 channels in 5 banks.
Covers basic scanner bands including 800 MHz, but
excluding commercial and military aero bands. Powered
by 4 AA alkaline or NiCd batteries.

4. BCT7 - BearTracker 800. mobile/base unit with
serveral service search features but no numeric
keypad. Should appeal to truckers. 100 user
programmable channels.
"Highway Patrol Alert" when you are within 3 miles of
a highway patrol unit using a Mobile Extender.
--

==========

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5590. Front End Loading

Newsgroup: rec.radio.scanner
Date: 1994-11-17 01:30:11 UTC
From: starin@netcom.com
Message-ID: <starinCzE1IB.3JA@netcom.com>
Source record: 265472

I run a Pro-2006 with several mods a la Bill Cheek with a Grove Scan Antenna and am experiencing front end loading manifest as Intermod pounding into my reciever on certain frequencies I monitor. Is there a simple, cost-effective solution to this front end loading that will not decrease my scanner's sensitivity or reception? I've heard of filters and various devices, but could someone enlighten me as to what is *really* the best solution, or recommendation.

Thanks

--
Jeffrey
{New York}

5591. Re: US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-17 01:50:56 UTC
From: glennh@pnw.net
Message-ID: <3aecu0$mqq@cascade.pnw.net>
Source record: 265518

CHRISTOPHER L. BOES (cboes@osf1.gmu.edu) wrote:
: Andy Domonkos (domonkos@access.digex.net) wrote:
: : In article <cjs9.171.000C60F1@cornell.edu>, Carl Steckler wrote:
: : >
: : > Kent state was National Guard. They have no Constitutional prohabition on
: : > acting against U.S. citizens as the U.S. military does. But the thought that
: : > scares the hell out of me is that somewhere someone is thinking about using
: : > troops to forcibly take our scanners\guns\liberties away. Paranoid maby, but
: Forget U.S. troops, it is the BATF that we should worry about. They
: kill innocent people every day, just because they legally own guns and
: the BATF arbitrarily decided they should not.

Hey, right arm brother!! But the bad news is they are just using firearms
as a training exercise. Their real goal is to take our scanners and kiddie
porn from us! I know, those suckers are hiding out in the bushes around my
house all the time. I heard they have people monitoring the Internet to
get the names of people that talk about guns and scanners. They then fly
elite troops from area 51 in stealth troop transports and these suckers
parachute into your yard and hide in the bushes. Want proof?? The ones in
my backyard monitor 162.475 on their radios. Yea, you got it, the
National Weather Service. The FEDS!!! Don't you wonder why you can hear
these stations from anyplace in the United States? What the hell for???
You can get the weather on Channel 33 or 17 anytime you want. Tune KIRO
News radio if you want the weather. NOOO! They need them to send coded
messages to the trained snipers. Hey! Don't get any ideas about blowing
up a National Weather Service transmitter. Won't work, they will just
switch to WWV. Listen to it sometimes. Underneath WWV's signal you can
hear some female government bimbo giving out coded instructions. I know
I've heard her. When the Internet goes dry for the Feds they get lists
from Monitoring Times, Popular Communications and Radio Shack to pinpoint
scanner owners. Sure they do, they pretend to be advertisers and need new
mailing lists. A lot of that radio related junk mail you receive is
really sent by the Feds. Next time you get that extra or duplicate junk
mail you can bet that one of them has a bug or an electronic scanner
detector in it. THAT IS HOW THE FEDS GET IN YOUR HOUSE!!! I don't allow
any mail in my house at all. I knew a guy that found a remote television
camera and transmitter in GRE catalog. Ain't gonna happen to me! Now you
have been warned. When those boys start dropping scanner owners like fish
in a barrel don't say I didn't warn you!!

****
When guns are OUTLAWED only OUTLAWS will accidently
kill their children and loved ones.
****
--

Glenn Hansen - KB7PKC
<glennh@pnw.net>
Tacoma, Wa

5592. Re: High VHF reception seasonal?

Newsgroup: rec.radio.scanner
Date: 1994-11-17 02:38:09 UTC
From: billd@engr.sgi.com
Message-ID: <3aefmh$jb1@fido.asd.sgi.com>
Source record: 265520

N C Schultheiss (ncschult@vela.acs.oakland.edu) wrote:
: Can anyone tell me why the good reception I experienced all summer long
: in the 156-158MHZ range has deteriorated as we get closer to winter?
: I'm not shure if the signals strenght reaching my scanner has droped off
: or if the interference has picked up.

Temperature inversions greatly affect VHF signal propogation. They are
common in the SF Bay area in the summer. I'd guess that the reduced
incidence of them as winter draws nearer is responsible for the
reduced range you're experiencing.

--
Bill Dorsey
billd@engr.sgi.com

5593. Re: FOR SALE- ICOM R7100-Unblocked

Newsgroup: rec.radio.scanner
Date: 1994-11-17 03:26:24 UTC
From: Jennifer Day-Elgee <elgeej@news.nbnet.nb.ca>
Message-ID: <3aeih0$qbv@darwin.nbnet.nb.ca>
Source record: 265446

Hey - I'll trade ANYONE a Universal M-7000 decoder for a R-7000 or R-7100! (Seriously, folks)

Jennifer, VE9AO

5594. Re: ECPA give you the right to listen to Police/Fire ? (RS fines)

Newsgroup: rec.radio.scanner
Date: 1994-11-17 04:02:23 UTC
From: cwilkins@boink.clark.net
Message-ID: <CzE8K0.45F@boink.clark.net>
Source record: 265471

Et2 Rich Sheff (n9315@pnet16.navy.mil) wrote:
: Well, I just got a bit of a flame in mail from helix@solaria.sol.net. I'm
: not sure for Rob's reasons for not posting it in the thread, but maybe it's
: due to the fact he obviously didn't understand what has been said about
: Radio Shack and the fines levied against employees who talk about mods to
: their products.

: I confirmed lastnight with the manager of the store where I work part-time
: that Tandy Corp. puts a $5000 fine up on an employee who gets caught talking
: about how one could modify one of the RS house brand scanners (etc...) for
: picking up cellphones.

: I can't help but wonder why Tandy is so worried about that.

Simple, Tandy sells more cellphones than scanners (my assumption) and they
don't want anyone gumming up the works for them.

I can't help but wonder about the legality of Tandy levying a $5000 fine
on an employee! If one were hit with this fine, it would probably be more
cost effective to quit and find work elsewhere. Hell, with their wages, it
might be more cost effective to quit, fine or not! ;-)

--
|o|--------------------------|o|
|o| Charlie Wilkinson |o|
|o| "ChaswalD The Compiler" |o|
|o| cwilkins@boink.clark.net |o|
|o| Paquette: |o|
|o| N3HAZ@KA3RFE.MD.USA.NA |o|
|o| Ask me about |o|
|o| ACME brand Packet Wax! |o|
|o|--------------------------|o|

5595. Re: "Kenneth" Dan Rather Mystery Solved?

Newsgroup: rec.radio.scanner
Date: 1994-11-17 04:08:51 UTC
From: kai@spy.org
Message-ID: <3ael0j$3v0@tierra.santafe.edu>
Source record: 265428
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur

Either way, it's a great story. Where is he?

The infamous New York Magazine article is up at
http://dailyplanet.com/moose
for anybody who may be interested.

Actually, there was a long profile of N2KS in the New Yorker (different magazine) a couple of years ago, in which he said he said "the best way to prepare for doing business in Russia would be to spend a year as a roadie for a rock band. You know, the concert is about to begin, and the microphones are dead, and the amplifiers are dead, and the instruments are lost, and the lights don't work, and the lead singer is in a coma --- and you have five minutes to fix everything and all you have is a pair of pliers and a roll of duct tape."

Then he said everything he's done with satellites is "just up the band from 20 meters." Somone tell Wayne Green!

5596. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-17 04:14:50 UTC
From: cwilkins@boink.clark.net
Message-ID: <CzE94r.46o@boink.clark.net>
Source record: 265284
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

Dave Goldstein (dgoldst@somasf.unm.edu) wrote:
: In article <SIMON.94Nov14131703@snake.wrs.com>, simon@snake.wrs.com (Simon
: Waddington) wrote:
: > And just to be on the safe side...
: >
: >
: > PLO genetic Mossad Kennedy ammunition Ft. Meade FSF security Honduras
: > Noriega assassination jihad plutonium AK-47 Soviet
: >
: > cryptographic SEAL Team 6 Honduras domestic disruption Peking North
: > Korea Clinton security NORAD BATF Croatian DES munitions class
: > struggle quiche
: >
: > Legion of Doom arrangements FBI bomb Serbian jihad KGB SDI colonel
: > security South Africa Clinton Croatian Noriega Rule Psix

: Jihad twice? Must be hard trying to think new bad words. You left out the
: NRO, Los Alamos, Sandia, 239, 235 and a couple of others that I can't
: remember.

Jihad (again, for good measure...) Clandestine Services State
40 Committee operative Directorate proprietary Covert Action
Special Operations Division CIA Cable Secretariat Cuba COMINT

There, that should keep 'em busy for a few microseconds... :)

: We do not believe any group of men adequate enough or wise enough to
: operate without scrutiny or without criticism. We know that the only way to
: avoid error is to detect it, that the only way to detect it is to be free
: to inquire. We know that in secrecy error undetected will flourish and subvert.
: J. Robert Oppenheimer

Beautiful quote!
--
|o|--------------------------|o|
|o| Charlie Wilkinson |o|
|o| "ChaswalD The Compiler" |o|
|o| cwilkins@boink.clark.net |o|
|o| Paquette: |o|
|o| N3HAZ@KA3RFE.MD.USA.NA |o|
|o| Ask me about |o|
|o| ACME brand Packet Wax! |o|
|o|--------------------------|o|

5597. Pro-51 Mod NEW Models

Newsgroup: rec.radio.scanner
Date: 1994-11-17 04:30:23 UTC
From: sabcofan@aol.com
Message-ID: <3aem8v$5dc@newsbf01.news.aol.com>
Source record: 265431

I have a Pro-51 with a date code 7A4 and it would not take the test mode
1(2 key, 9 key, and L/O key)

Here is how to get around that.
While test mode 3 (Band key, 2 key, 9key) is running (display check),
Press and hold down the 2 key, 9 key, and L/O key and within a few seconds
the freqs. from the test mode 1 will appear.

ch 23 is cell phone freq.

5598. Re: New Uniden/Bearcat scanner models

Newsgroup: rec.radio.scanner
Date: 1994-11-17 04:54:22 UTC
From: ccartee@regal.cisco.com
Message-ID: <CCARTEE.94Nov16205424@regal.cisco.com>
Source record: 265466

In article <CzDz50.GG@nntpa.cb.att.com> parnass@nwsf.ih.att.com (Bob Parnass, AJ9S) writes:

2. BC3000xlt - hand held unit which looks like a 2500xlt.
400 channels in 20 banks. TurboScan & Search.
Automatic sorting of freqs within each bank for faster
scanning. Automatic store. NiCd pack. Selectable
attenuator. Count feature. Selectable modes: AM,
NBFM, WBFM. 10 priority channels. Selectable tuning
steps: 5, 12.5, 25, or 50 kHz. I want one of these, too.

The features sound a lot like the 2500 as well. From the description you give, it sounds like a similar radio with a firmware update, the difference being the selectable mode. I think the 'Automatic store' is there as well, but may be called something else in the 2500.

Any idea as to how the RF sections compare?

--

Claude Alan Cartee "I have neither the time nor the inclination to explain
1525 O'Brien Drive myself to a man who rises and sleeps under the blanket
Menlo Park, CA 94025 of the very freedom I provide...
ccartee@cisco.com ... and then questions the manner in which I provide it"
408 526-7801 -Col Nathan R. Jessep

5599. Re: Those strings of numbers on SW.

Newsgroup: rec.radio.scanner
Date: 1994-11-17 05:22:51 UTC
From: clifto@indep1.chi.il.us
Message-ID: <CzECA4.GoH@indep1.chi.il.us>
Source record: 265429
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <CzA1zK.8us@metronet.com> copeland@metronet.com (Charles Copeland) writes:
>Seems a couple of hams could get a fix on the location using telemetry.

I remember reading an article in some magazine or another about the numbers
stations which are females reading five-digit groups in Spanish. The
article claimed that the author and friends DF'ed the signals regularly
to a point in or near McLean, VA.

Don't remember which magazine or even how long ago...

--
Cliff Sharp Never get into fights with ugly people.
WA9PDM They have nothing to lose.
clifto@indep1.chi.il.us --The Fourth Law of Reality

5600. Aurora Intercept ???

Newsgroup: rec.radio.scanner
Date: 1994-11-17 06:36:25 UTC
From: kjn@netcom.com
Message-ID: <kjnCzEFop.EuM@netcom.com>
Source record: 265432

Anyone recall an article in Monitoring Times that mentioned the intercept of a phone patch from a SAM misssion that discussed disinformation concerning a sighting of secret aircraft. Believe that the person making the call was from the Joint Chiefs of Staff... and included a transcript of the conversation.

Anyone recall this item or have the month/year in their database???

Thanks in advance.
--
Ken

5601. Illinois Scanner Ban

Newsgroup: rec.radio.scanner
Date: 1994-11-17 07:27:41 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <785161070@f747.n115.z1.ftn>
Source record: 265434

-=> Quoting BNX to All <=-

BN> While the proposal died with the most recent legislature I was
BN> wondering if anyone know if Tom Cross intends to reintroduce the
BN> proposal next year. I read in todays Chicago Tribune that Aurora IL is
BN> going to purchase a new radio system for the police. Mr. Cross'
BN> proposal was to help protect the Aurora Police radio transmissions from
BN> interception from the gangs. Wouldn't the new system solve this
BN> problem provided the right equipment (trunked or encrypted) is
BN> selected??

Well, last I heard of the bill, Ted Moran of CARMA was supposed to get a re-write of the proposal. By then, some strange things happened, one of them being that all of his aides quit. <g> Then the democrats gridlocked the house and the bill was never re-introduced. Peter Roskam, my representative, assured me that the bill would not pass in the form that it was presented.

The new system is on line now! The public works dept is the only one using it currently, with the police switching over sometime next year. With all of the problems with the gangs in Aurora, it wouldn't surprise me if they did encrypt their signal. However, I belive the trunking system would make it more difficult. If you have a current copy of Police Call for IL, you will find the new freqs listed in the book.

If you live in the Chicago Metro Area, you may want to give the CARMA (Chicago Area Radio Monitors Assoc) BBS a call and checkout the newsletters. 708-852-1292. 8-N-1 format, 2400 baud maximum access rate.

Jerry

5602. Re: Looking for 217 Mhz coverage?

Newsgroup: rec.radio.scanner
Date: 1994-11-17 09:46:17 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <785065577snz@javiaton.demon.co.uk>
Source record: 265438

In article <3a9ebp$apg@News1.mcs.com> jkirby@mcs.com "John Kirby" writes:

> 11/14/94
> I'am looking for a scanner that covers 217 Mhz. This is the animal tracking
> range. The new "full" coverage scanners take this range in, however they are
> quite expensive. Does any one know of a low end scanner that covers this range
> or perhaps an older model. If someone does and knows the make and model number
> I can then keep my eye out for one in the trade papers, etc. Any help would be
> appreciated, thanks.
>

The only non "full" coverage receiver I can think off as I type
this that would do 217MHz is the SONY PRO-80 which goes 150KHz - 225MHz.
This though is primaraly (sp?) a handheld HF receiver that will also
cover 108-225MHz with the use of a supplied convertor. I wouldn't
like to say how successful it would be for tracking though. They
are still available "new" here in the UK and I assume in the USA but are
expensive - secondhand they can be a good buy if they meet your needs.

Other that that keep an eye out secondhand for anything like the
AR1000/Fairmate HP100 (Same radio), AR1500 (not the best choice).If you see
a Yupiteru MVT-5000 or 7000 in the USA they would be a good choice
if within your spending budget.

--
Cheers,
/---\
Jonathan Clough,	AOR - Alinco - Camnis - Commtel - Bearcat -
Javiation,	Fairmate - Icom - Sony - Lowe - Realistic -
Bradford, UK	Signal - Tandy - Uniden - Yupiteru & Others
Tel: +44 0 1274 732146 \---
Compu$$erve: 100117,535
Internet : Clough@javiaton.demon.co.uk
\---/

5603. Aor 8000

Newsgroup: rec.radio.scanner
Date: 1994-11-17 10:21:53 UTC
From: Victor Healey <vhealey@crl.com>
Message-ID: <3afas1$l90@nntp.crl.com>
Source record: 265439

Does anyone know what type of nicad pack the aor 8000 takes?
Is it a weird one?

Why can't everyone make a scanner which takes
easily available set of aa batteries?

Vic

PS I am still looking for a photocopy of the manuals
to this scanner and interface.
Jothnathan if you read this would you be interested in
sell me a copy?

E mailto:vhealey@crl.com
My weather weather urls, if yoiu are using Netscape to read this click on next line

http://www.atmos.uiuc.edu/wxworld/html/general.htmll

http://rs560.cl.msu.edu/weather/interactive.html

5604. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-17 12:59:02 UTC
From: badsectr@eri.erinet.com
Message-ID: <3afk2m$dgj@eri.erinet.com>
Source record: 265445
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

94Nov14131703@snake.wrs.com> <CzE94r.46o@boink.clark.net>
Distribution: inet

Charlie Wilkinson (cwilkins@boink.clark.net) wrote:
: Dave Goldstein (dgoldst@somasf.unm.edu) wrote:
: : In article <SIMON.94Nov14131703@snake.wrs.com>, simon@snake.wrs.com (Simon
: : Waddington) wrote:
: : > And just to be on the safe side...
: : >
: : >
: : > PLO genetic Mossad Kennedy ammunition Ft. Meade FSF security Honduras
: : > Noriega assassination jihad plutonium AK-47 Soviet
: : >
: : > cryptographic SEAL Team 6 Honduras domestic disruption Peking North
: : > Korea Clinton security NORAD BATF Croatian DES munitions class
: : > struggle quiche
: : >
: : > Legion of Doom arrangements FBI bomb Serbian jihad KGB SDI colonel
: : > security South Africa Clinton Croatian Noriega Rule Psix
: Jihad (again, for good measure...) Clandestine Services State
: 40 Committee operative Directorate proprietary Covert Action
: Special Operations Division CIA Cable Secretariat Cuba COMINT

: There, that should keep 'em busy for a few microseconds... :)

Here's my pride and joy:

```
================================================================================
_-__| Information is a Editor: "A Force Superior"
{====|============-------- SCI - ORCON - WNINTEL - SIOP-ESI - FGI
| Double-Edged Sword. LIMDIS - PROPIN - ATOMAL - TS - MAJI - NOVCI
badsectr@erinet.com DUNDEE - BLACK - DFN-WIN1 - BARNEY - OMNI
================================================================================
```

5605. Re: Advice: A good desktop model

Newsgroup: rec.radio.scanner
Date: 1994-11-17 13:02:04 UTC
From: marrem@venlo01.xs4all.nl
Message-ID: <6LoXVc9w165w@venlo01.xs4all.nl>
Source record: 265443
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

> In article <3a1e2u$pll@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson
>
> >Any suggestions for a good desktop shortwave radio. Something that I can
> >neatly stack below or above my RS PRO-2006 scanner. Minimum requirements
> >are digital, BFO, 150 khz - 30.000 Mhz, and fairly good sensitivity. Also,
> >since I'm not made of money, it has to be below $1,000, but would prefer
> >it even be below $500.00.
>
Try the Lowe HF150. Good sensitivity. USB/LSB AM syncronised. 50-30 000 kHz
Very small. Excellent audio. Very robustly built (cast aluminium case).

Marc

5606. My BC8500 Is Not Scanning Fast

Newsgroup: rec.radio.scanner
Date: 1994-11-17 13:18:30 UTC
From: jocatch@vnet.ibm.com
Message-ID: <3afl76INNff5@afshub.boulder.ibm.com>
Source record: 265287

My new BC8500 does not appear to be scanning very fast. Uniden claims that in TURBO mode it will scan UP TO 100 chans/sec. Mine is taking alot longer, going by the flashing bank indicators. It is only a little faster than non-turbo. Even in turbo, I would guess it is only about 30-40 chans/second.

Any other 8500 owners out there seeing this problem? How does one program the scanner so it scans at 100 cps? The scanner already sorts the freqs before it scans so I don't know what else to do. And yes, I disabled priority when I did the measurements.

Any ideas?

Joe C.

5607. Poughkeepsie, NY Police Have Gone Trunk

Newsgroup: rec.radio.scanner
Date: 1994-11-17 13:31:48 UTC
From: jocatch@vnet.ibm.com
Message-ID: <3afm04INNff5@afshub.boulder.ibm.com>
Source record: 265288

For all those living in the Poughkeepsie, NY area who monitor the Poughkeepsie police, as of about 2 weeks ago they have gone to an 800 mhz trunk system. I just found this out last night and was able to find 3 of the freqs between 852 and 855 mhz. I was told that currently there are 5 freqs in use by I believe Pok Town police and Pok City fire. The old 460 mhz freq are still in use but more and more will be shifted to 800. Dutchess County fire is not going 800 trunk in the near futrue I was told.

FWIY.

Joe C.

5608. Re: Help protect me from lightning

Newsgroup: rec.radio.scanner
Date: 1994-11-17 15:10:13 UTC
From: yyjdb@jzola.lerc.nasa.gov
Message-ID: <3afrol$55g@sulawesi.lerc.nasa.gov>
Source record: 265448

In article <3a9clk$32k@tequesta.gate.net>, E. Stewart <Stewart@gate.net> wrote:
>I have been disconecting the cable when not in use, and this is getting old. I am new to
> scanning and would welcome any comments or suggestions.

NOTHING you can do can protect you from lightning!!!
I tried installing a _12_ foot 2" wide grounding rod stuffed into the
ground with number 00 wire connecting it to the antenna mast.

The result.... Fire ball droped out of the light socket and danced
on the floor for several seconds, CB's, blown apart, Stero equipment
in far side of basement had their power switch welded "on", and
started playing when the power came back up. The old antenna elements
were melted into funny little shapes.

There are certain laws of current flow....Lightning does not
follow them, SORRY!.

I disconnect antennas where they come into the house _before_ the
thunder starts, once you hear thunder, leave it alone.

John, Cuyahoga Valley Vans, member, Northeast Ohio Van Council

5609. CB antenna for scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-17 15:14:26 UTC
From: lanka@speedracer.sysdev.telerate.com
Message-ID: <3afs0i$bom@jetty.telerate.com>
Source record: 265449

I am strapped financially right now, but have an old D40 CB antenna. Could I expect to get any type of performance using this as a scanner antenna, or am I just wasting my time?

--
Jeff Lanka
VMS/Unix SM sysdev
Dow Jones/Telerate

5610. BC2500XLT Cellular restoration

Newsgroup: rec.radio.scanner
Date: 1994-11-17 15:48:04 UTC
From: jkpotts@gdwest.gd.com
Message-ID: <3aftvk$d0b@gdwest.gd.com>
Source record: 265313

```
Newsgroups: alt.radio.scanner
Expires:12/31/94
Sender: jpotts@den.mmc.com
Followup-To:
Distribution:
Organization:
Cc:jpotts@den.mmc.com
Subject: BC2500 cellular restore
Sender: J. Potts
Summary: Can late model BC2500 be restored
Keywords: BC2500 cellular restore

I understand that the new BC2500 that are being sold are not cellular
restorable. Is this true? Also does anyone know what the serial numbers
are for the ones that are restorable? Also could someone send me the
celullar mod?

Thanks
J. Potts
--
James K. Potts II
email: jpotts@den.mmc.com
303-977-8887
```

5611. Re: Pro 51 Mods!

Newsgroup: rec.radio.scanner
Date: 1994-11-17 16:11:47 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.17.001032CC@ccm.hf.intel.com>
Source record: 265462

In article <3adc8p$n1p@gould.ualr.edu> news4@cei.net (Doug Krile) writes:

>So I've mastered the 3-button startup test frequencies for Cell Calls.
>But, is there ANY way to make that function WITHOUT wiping out all
>the frequencies stored in the scanner? Any electronic mods for this one?
>The startup switch is slick. But I'm getting tired of re-entering a ton of
>frequencies every time! And, please, don't tell me to get another
>scanner. Just got this one and really like its size and performance.

Once you have a cellular frequency on the display, store the frequency in a
memory location and use the DIRECT key to search up or down from that
frequency. This way you never have to do the reset again.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5612. Re: PRO-43 DISCONTINUED?

Newsgroup: rec.radio.scanner
Date: 1994-11-17 17:46:30 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-171194094702@earl.llnl.gov>
Source record: 265309

In article <CzDyBn.n1u@utnetw.utoledo.edu>, cscon0151@uoft02.utoledo.edu
(Brad Steinman, N8ZRP) wrote:
>
> The PRO-43 is discontinued folks, and the ones that are floating around are of
> the non-celluar-modifiable type. The PRO-62 looks like a GRE product, and
> essentially functions exactly like the 43, however the case is different, and
> there is no military air band. Not have military band is a strange move by
> GRE, no legislation forbids military-air-capable scanner production.

The PRO-60, another GRE product coming down the pipe from RS will have the
military band as well as WFM.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@aol.com
NOVA Laser Operations
P.O. Box 808, L-489
Livermore, CA 94551

5613. Uniden Phone Number?

Newsgroup: rec.radio.scanner
Date: 1994-11-17 18:36:36 UTC
From: af308@yfn.ysu.edu
Message-ID: <3ag7rk$kfv@news.ysu.edu>
Source record: 265310

Hello All,

When I bought my Bearcat scanner awhile ago, it came with a card that had spare parts and a phone number to order those parts and extras. I lost that card, of course.

Can anyone help me with the phone number?

E-mail or post, whatever works for you.

Thanks in advance.
Tom Russo
af308@yfn.ysu.edu
--

5614. FS:386SX-25 motherboard

Newsgroup: rec.radio.scanner
Date: 1994-11-17 18:51:54 UTC
From: ohall@grove.ufl.edu
Message-ID: <3ag8oaINNjhq@no-names.nerdc.ufl.edu>
Source record: 265293
Cross-posted to: rec.radio.scanner,rec.radio.swap,misc.forsale

```
386SX-25 motherboard for sale: $30+ shipping

--0 MB installed (supports 16MB)
--AMI Bios

If interested, please e-mail me (ohall@grove.ufl.edu).
```

5615. FS:Mitsumi CDROM (single speed)

Newsgroup: rec.radio.scanner
Date: 1994-11-17 18:53:33 UTC
From: ohall@grove.ufl.edu
Message-ID: <3ag8reINNji3@no-names.nerdc.ufl.edu>
Source record: 265292
Cross-posted to: rec.radio.scanner,rec.radio.swap,misc.forsale

Mitsumi single speed CD-ROM drive $25+shipping

If interested (or, if you need more info on the drive), please email me.

Oscar Hall
ohall@grove.ufl.edu

5616. FS:8 bit Sound Blaster card

Newsgroup: rec.radio.scanner
Date: 1994-11-17 18:54:57 UTC
From: ohall@grove.ufl.edu
Message-ID: <3ag8u1INNji7@no-names.nerdc.ufl.edu>
Source record: 265463
Cross-posted to: rec.radio.scanner,rec.radio.swap,misc.forsale

```
8 bit Sound Blaster sound card for sale $15+shipping

If interested, e-mail me at ohall@grove.ufl.edu
```

5617. scanner for sale

Newsgroup: rec.radio.scanner
Date: 1994-11-17 19:37:23 UTC
From: ab409@cfn.cs.dal.ca
Message-ID: <CzFFuC.CnH@cs.dal.ca>
Source record: 265451

```
--

-------------------------------------------------
| Barry Hallett Net ab409@cfn.cs.dal.ca |
| Call VE1MUS AX.25 VE1MUS@VE1BBS.NS.CA.NA |
| Grid FN84ii Packet Lan VE1NSD |
|-----------------------------------------------|
```

5618. BC 590 xlt info needed

Newsgroup: rec.radio.scanner
Date: 1994-11-17 20:02:58 UTC
From: Jerry Gault <jgault@fox.nstn.ca>
Message-ID: <65977.jgault@fox.nstn.ca>
Source record: 265452

Hi:
I was wondering if anyone would run down a list of features of this scanner, is it a reasonable device for home use and the occasional vehicle use. Any opinions? BC 590XLT

Thanks....Jerry

Jerry Gault
Ontario, Canada
jgault@fox.nstn.ca

5619. Re: Weather Reports via Scanner & Modem

Newsgroup: rec.radio.scanner
Date: 1994-11-17 21:33:30 UTC
From: lieser@alf.cle.ab.com
Message-ID: <1994Nov17.163330.1@alf.cle.ab.com>
Source record: 265278

In article <3a6fjl$gei@nic-nac.CSU.net>, g9153402@huey.csun.edu (Berton Corson) writes:
> Mitchell, Michael C (MIMITCHE@NMU.EDU) wrote:
...
>> m and recieve weather reports and warnings as they were broadcast. The
>> frequency used was 147.060 Mhz. I am trying to find out if this service
>> is offered in other areas of the U.S., specifically the Upper Pennisula
>> of Michigan. Does anyone have any more info on this subject?

> You may find other weather frequencies. I hear several others from where
> I live, which are local airports issuing weather forcasts/conditions
> for pilots.

Well, the frequency you gave above is in the 2 meter Ham band, and I'm wondering if some Hams didn't organize a Skywarn program on a local repeater. These "nets" are popping up all over the place recently -- there's one here in Cleveland on 146.760. Akron, just to our south, has their own, as well as some others along the Lake Erie shore. As they become more sophisticated, they even tie together to form a net with wider coverage. The local Skywarn also ties into the National Weather Service office at Cleveland-Hopkins airport for periodic announcements, but a lot of what you hear are Ham operators in their cars in the midst of the horrible weather. When they give their location, you know precisely where the worst of the weather is.

Not everyplace has Skywarn nets, and the U.P. is not that densely populated, so perhaps they don't. If you have a local Ham radio supply store, you might call or drop in and ask. The sales people there should know about the local ham community.

Ed Lieser

5620. Re: ECPA give you the right to listen to Police/Fire ? (RS fines)

Newsgroup: rec.radio.scanner
Date: 1994-11-17 21:44:08 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CzFLpL.D8C@freenet.carleton.ca>
Source record: 265453

In a previous article, cwilkins@boink.clark.net (Charlie Wilkinson) says:

>Et2 Rich Sheff (n9315@pnet16.navy.mil) wrote:
>: Well, I just got a bit of a flame in mail from helix@solaria.sol.net. I'm
>: not sure for Rob's reasons for not posting it in the thread, but maybe it's
>: due to the fact he obviously didn't understand what has been said about
>: Radio Shack and the fines levied against employees who talk about mods to
>: their products.
>
>: I confirmed lastnight with the manager of the store where I work part-time
>: that Tandy Corp. puts a $5000 fine up on an employee who gets caught talking
>: about how one could modify one of the RS house brand scanners (etc...) for
>: picking up cellphones.
>
>: I can't help but wonder why Tandy is so worried about that.
>
>Simple, Tandy sells more cellphones than scanners (my assumption) and they
>don't want anyone gumming up the works for them.
>
>I can't help but wonder about the legality of Tandy levying a $5000 fine
>on an employee! If one were hit with this fine, it would probably be more
>cost effective to quit and find work elsewhere. Hell, with their wages, it
>might be more cost effective to quit, fine or not! ;-)

I was told by a RS salesclerk here in Ottawa, Canada that they are threatned with a Cdn$4,000.00 fine for the same offence. Since IT IS NOT ILLEGAL TO MONITOR ANY FORM OF RADIO COMMUNICATIONS IN CANADA this is pure Bull*** I can only surmise that it is because Shack sells cellphones, and all cellphone providers have always pushed cellphones as being safe and secure...oooppps cellphone is radio... so they lobbied congress and rammed through both the ECPA plus the April ammendment, now they are trying up hear in the Great White North (Canada) to get a Canuck version of the ECPA...

10-4

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

5621. Re: Cordless Phone Range

Newsgroup: rec.radio.scanner
Date: 1994-11-17 22:08:34 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.188.0010250A@chevron.com>
Source record: 265228

In article <brueger.337.00199D50@infi.net> brueger@infi.net (Brian J. Rueger) writes:

>In article <2EC946D2@MSGATE02.LEGENT.COM> Franklin Fasano <FFASANO@VASALES.LEGENT.COM>
writes:

>>I am attempting to increase the range of a cordless phone. I am primarily
>>concerned with range OUTSIDE the house, and 900 Mhz still doesn't cut it.
>> First, how much transmitting power do these things have? Also, is it
>>possible/legal to mount an outside antenna?

>I have seen ads for cordless outdoor antenna but it has been a long time ago
>and I don't remember where it was.

>You could do the following - open the case and disconnect the lead to the base
>unit whip antenna. Get a length of the best coaxial wire you can affort that
>will get to the outdoors. Next you have to find the formual to cut an antenna
>to the 46mhz range. Then make a verticle dipole antenna from the formula and
>then connect it to the coax.

That will work for the technical question of adding an external antenna -
here's the legal side.

Cordless phone are built to comply with Part 15. Part 15
requires that the unit be designed so that only the supplied antenna can be
used. It can be designed so the user can replace a damaged antenna but it
requires the use of "unique" connector systems to be compliant. This is why
you don't see cordless phone antennas using BNC, TNC or RCA type connectors.

If you modify the base or handset (since they are both "intentional
radiators") you will void the type acceptance.

Remember that using an external (or remote) antenna may cause more
interference for others and yourself. Part 15's requirements are intended to
keep some of this in check.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

5622. Re: ECPA give you the rig

Newsgroup: rec.radio.scanner
Date: 1994-11-17 22:09:00 UTC
From: john.avery@uchoice.com
Message-ID: <1ad.6941.1974@uchoice.com>
Source record: 265454

>: that Tandy Corp. puts a $5000 fine up on an employee who gets caught talki

As an attorney since 1973, I can tell you that no company can do this.
It would violate Federal Law. Only taxes and certain other things can be
deducted from an employee's paycheck. A company imposed "fine" is not
one of them. The only remedy RS would have would be to discipline an
employee by firing him/her.

5623. dropped it

Newsgroup: rec.radio.scanner
Date: 1994-11-17 22:19:11 UTC
From: nmorton@mcs.com
Message-ID: <IyhokykXXIMQ073yn@mcs.com>
Source record: 265455

I dropped my PRO-37 yesterday and now it won't work. Any suggestions?

--
Nate Morton as nmorton@mcs.com
--
Nate Morton as nate.morton@mcs.com

5624. Re: Aor 8000

Newsgroup: rec.radio.scanner
Date: 1994-11-17 22:25:50 UTC
From: ligosa@pipeline.com
Message-ID: <3agl9e$283@pipe2.pipeline.com>
Source record: 265456

The AR8000 takes 4 normal AA batteries....

vhealey@crl.com (Victor Healey) wrote:

>
>Does anyone know what type of nicad pack the aor 8000
>takes? Is it a weird one?
>
>Why can't everyone make a scanner which takes easily
>available set of aa batteries?
>
>Vic
>
>PS I am still looking for a photocopy of the manuals
>to this scanner and interface.
>Jothnathan if you read this would you be interested in
>sell me a copy?
>
>E mailto:vhealey@crl.com
>My weather weather urls, if yoiu are using Netscape to
>read this click on next line
>
>http://www.atmos.uiuc.edu/wxworld/html/general.htmll
>
>http://rs560.cl.msu.edu/weather/interactive.html

5625. Excellent Freq Guide for Buffalo area

Newsgroup: rec.radio.scanner
Date: 1994-11-17 22:27:31 UTC
From: joenow@delphi.com
Message-ID: <5E5WsBT.joenow@delphi.com>
Source record: 265457

If you live in the area go to Hirsch's Electtronics at 219 Califorina
in Williamsville. They are in their 20th year of publishing what has to
be the most comprehensive freq guide anywhere in the country. This 10$ guide
has EVERYTHING you will ever need. Buffalo Bills to Cattaraugus Indian
Reservation. If you live in Erie, Niagra or surronding counties, you cannot go
wrong
with this thing, forget 'regional guides'. No I don't work for them but I've
been using their Guide and have had hundreds of hours of great fun because of
it with my little Radio Shaft scanner.
-Joe in Buffalo

5626. scanner for sale

Newsgroup: rec.radio.scanner
Date: 1994-11-17 22:52:23 UTC
From: ab409@cfn.cs.dal.ca
Message-ID: <CzFovB.J5M@cs.dal.ca>
Source record: 265458

```
i have a 50 channel scanner for sale.it is a realistic pro 2002
30-50 118-174 410-512mhz.it goes mobile or base $150.00

--
_______________________________________________
| Barry Hallett Net ab409@cfn.cs.dal.ca |
| Call VE1MUS AX.25 VE1MUS@VE1BBS.NS.CA.NA |
| Grid FN84ii Packet Lan VE1NSD |
|-----------------------------------------------|
```

5627. Cellular Information

Newsgroup: rec.radio.scanner
Date: 1994-11-17 23:16:49 UTC
From: thweatt@picard.cig.mot.com
Message-ID: <thweatt.785114209@picard>
Source record: 265459

I remember about 6 months ago, someone suggestion some files to download to learn about the frequency allocations for Cellular. I was wondering if anyone know of where I can get more detailed information on internet regarding the operation of the cellular network. A project I am about to work on would be enhanced if I have a better understanding of how the current Cellular network works today. Since I saw this message on this group, I thought I would post this message here.

Write to:

thweatt@cig.mot.com

Thanks,
John Thweatt

5628. Re: dropped it

Newsgroup: rec.radio.scanner
Date: 1994-11-17 23:49:50 UTC
From: horak@convex.com
Message-ID: <3agq6u$h7p@eugene.convex.com>
Source record: 265460

In <IyhokykXXlMQ073yn@mcs.com> nmorton@mcs.com (Nate Morton) writes:

>I dropped my PRO-37 yesterday and now it won't work. Any suggestions?

Drop it again and it might start working. My pro34 *used* to respond
to that sort of treatment. :-)

>Nate Morton as nmorton@mcs.com
>Nate Morton as nate.morton@mcs.com

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

5629. Re: Military callsigns

Newsgroup: rec.radio.scanner
Date: 1994-11-17 23:56:03 UTC
From: n9315@pnet16.navy.mil
Message-ID: <CzFrtG.975@nctams1.uucp>
Source record: 265461
Cross-posted to: rec.aviation.military,rec.radio.scanner,alt.radio.scanner

I doubt you'll get much of a response from people who currently work in areas, as to do so would very possibly be against various regulations.

At the very least, it's poor OPSEC (OPerational SECurity).

****
*Unless otherwise stated, expressed view are my own. They may not be the *
opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.
* *
*Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded) *
*ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil *
****

5630. AOR-2500 and Mac Software?

Newsgroup: rec.radio.scanner
Date: 1994-11-18 00:15:30 UTC
From: pfferris@aol.com
Message-ID: <3agrn2$i36@newsbf01.news.aol.com>
Source record: 265229

Anyone know of a source for software that can control the AOR-2500 ala Macintosh?

Send replies to this address _OR_:
pferris%mohawk.uucp@drd.com <preferred path!>

Many thanks!

--Pete, N5KBD

5631. Re: Aurora Intercept ???

Newsgroup: rec.radio.scanner
Date: 1994-11-18 00:46:24 UTC
From: kjn@netcom.com
Message-ID: <kjnCzFu5C.6oF@netcom.com>
Source record: 265306

I asked:
" Anyone recall an article in Monitoring Times that mentioned the intercept
" of a phone patch from a SAM misssion that discussed disinformation
" concerning a sighting of secret aircraft.

Thanks for the response. In case you're interested it was in the March
1993, issue, pg. 43.

--
Ken

5632. Re: Aor 8000

Newsgroup: rec.radio.scanner
Date: 1994-11-18 00:51:07 UTC
From: schuster@panix.com
Message-ID: <3agtpr$erp@panix3.panix.com>
Source record: 265322

In article <3afas1$l90@nntp.crl.com> Victor Healey <vhealey@crl.com> writes:
>Does anyone know what type of nicad pack the aor 8000 takes?
>Is it a weird one?

Four standard AA batteries. Not in in a pack.

>Why can't everyone make a scanner which takes
>easily available set of aa batteries?

That would be telling :-)

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5633. A Help! 147XLT Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-18 00:56:56 UTC
From: rolewis@gopher.chem.wayne.edu
Message-ID: <3agu4o$66b@gopher.chem.wayne.edu>
Source record: 265312

[No readable article body recovered]

5634. Idea for Tracking Trunking

Newsgroup: rec.radio.scanner
Date: 1994-11-18 01:08:41 UTC
From: starin@netcom.com
Message-ID: <starinCzFv6H.Dzr@netcom.com>
Source record: 265307

An idea flashed through my mind today which may make it possible with anyone with a sound blaster card and voice recognition software (Voice Pilot, for example, from Microsoft) to interpret those digital trunking codes that have information about switching channels. The idea is this: with voice recognition software one "trains" the software to recognize a sound (usually a voice) and then once recognized, perform some action. Why couldn't one train the software to recognize digital bursts of data and their associated meanings. For example, if "Zzzt" means go to channel 2, and "Zzzzzzzt" means go to channel 3, then you could theoretically train the recognition software to display on your screen a channel number. Obviously the human ear is incapable of detecting the minute differences between "Zzzt" and "Zzzzzzzt", but perhaps the right voice recognition software could. The downside is, I don't know if the voice recognition software commercially available can really detect these minute differences, but with a little processing, perhaps it could. And, of course, you have to figure out what the variations of "Zzzzt" mean. Since trunking doesn't use the wide range of channels that say, cellular does, it shouldn't be too difficult to do.

Well, that's the idea - now hit me with your criticisms and recommendations.
--
Jeffrey
{New York}

5635. Re: Best FTP sites?

Newsgroup: rec.radio.scanner
Date: 1994-11-18 01:49:42 UTC
From: adam <adam@liii.com>
Message-ID: <Pine.SUN.3.91.941117204847.20102A-100000@oak.liii.com>
Source record: 265464
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.policy

HELLO HELLO HELLO HELLO HELLO HELLO HELLO HELLO HELLO
* You have Reached adam.liii.com (THATS ME) *
* In Case You Were Woundenin' I am 14 Years Old *
* I live In Bellmore Ny Which is on the South Shore *
* Of Western LI(long Island For all thouse outta *
* States Freaks <G>) Well AnyayZ If you are Really *
*Determined to Get In touch with me you can call me *
* At (5i6)YOU-WISH hehe don't worry I am not as dumb*
* As you look :-]. Well Gotta Go and Ba Ba Booie to*
* Yah All *
BYE BYE BYE BYE BYE BYE BYE BYE BYE BYE BYE BYE B

On Wed, 16 Nov 1994, David Tiller wrote:

> In article <Pine.SUN.3.91.941115131416.17773B-100000@oak.liii.com> you wrote:
>
> : HELLO HELLO HELLO HELLO HELLO HELLO HELLO HELLO HELLO
> : * You have Reached adam.liii.com (THATS ME) *
> : * In Case You Were Woundenin' I am 14 Years Old *
> : * I live In Bellmore Ny Which is on the South Shore *
> : * Of Western LI(long Island For all thouse outta *
> : * States Freaks <G>) Well AnyayZ If you are Really *
> : *Determined to Get In touch with me you can call me *
> : * At (5i6)YOU-WISH hehe don't worry I am not as dumb*
> : * As you look :-]. Well Gotta Go and Ba Ba Booie to*
> ^^^^^^^^^^^
>
> Listen to Howard Stern, huh??? You're too young for that... :-)
> You should be listening to wholesome stuff like 14.313....hahaha!
>
> Take care, Adam, see you on the bands,
>
>
> --
> David Tiller | Network Administrator | Voice: (804) 752-3710 |
> dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| Fax: (804) 752-7231 |
> Don't let your SKS get | P.O. Box 5005 | ICBM: 37d 42' 43.75" N |
> "Tainted with Defilement!" | Ashland, Va 23005 | 77d 31' 32.19" W |
>
>
Everyone Know about those Losers....By the Way I do listen To Howard :-]

5636. Re: canadian frequency da

Newsgroup: rec.radio.scanner
Date: 1994-11-18 02:08:00 UTC
From: paul.cordingley@canrem.com
Message-ID: <60.11475.5773.0N1BF2CA@canrem.com>
Source record: 265315

-=> Quoting Shearman@r-node.io.org to All <=-

Sh> : Hi:
Sh> : Does anyone know of a Canadian Frequency Database on disk or cd rom?
Sh> : Ron

Sh> Haven't heard of one. A fellow in Toronto just got a full list of
Sh> Ontario frequencies from the DOC on 9 track computer tape. He had them
Sh> transcribed onto DOS disks. The file for Ontario alone is 40 meg! And
Sh> the DOC did nt include the police frequencies... he's applying for
Sh> those under the Freedom of Information Act and says the Privacy
Sh> Commissioner has encouraged him!

Two BBS's you might try are the Ontario DX Association in Toronto and the
Project X BBS in Brampton. Sorry I don't have the numbers handy but could
get them if you're interested.

There is a database called 'Scantrix' which has many Ontario frequencies,
it's on the BBS I subscribe to and probably on the Project X also. The file
from the DOC will be on the OXDA board shortly I believe.

Paul

... My hard disk is full! Maybe I'll try this message section thing.
--- Blue Wave/QWK v2.10

5637. need faq...

Newsgroup: rec.radio.scanner
Date: 1994-11-18 03:40:35 UTC
From: mzimmer@gate.net
Message-ID: <3ah7nj$18qt@tequesta.gate.net>
Source record: 265298

can anyone point me to the FAQ for this site? more specifically, I need an ftp site with a mods for radio shack scanners. I just started working with radio shack and would like to have more knowledge in this area.

Standard disclaimer applies...

\ |__ /_ _| \ | \ | ____| _ \ | Mark Zimmerman, N5NBD
|\/ | / | |\/ | |\/ | __| | | | email: mzimmer@gate.net
| | / | | | | | | __ < | amateur ax.25: n5nbd@n5lyt
_| _|____|___|_|@gate.net|_____|_| _\ http://www.gate.net/~mzimmer

5638. Re: Best FTP sites?

Newsgroup: rec.radio.scanner
Date: 1994-11-18 04:08:32 UTC
From: jwood@iglou.iglou.com
Message-ID: <1994Nov18.040832.3080@iglou.com>
Source record: 265474

```
-=> Quoting Adam@liii.com to All <=-
> ^^^^^^^^^^
>
> Listen to Howard Stern, huh??? You're too young for that... :-)
> You should be listening to wholesome stuff like 14.313....hahaha!
>
> Take care, Adam, see you on the bands,
>
>
> --
>
Ad> Everyone Know about those Losers....By the Way I do listen To Howard
Ad> :-]

NO NO NO he should be listening to 3.898 lsb haa haa haa haa

... N8PPB Cincinnati,Ohio E-MAil N8PPB@AMSAT.ORG
___ Blue Wave/QWK v2.12

--
_\\///_ Jeff M. Wood Internet jwood@iglou.com / Amsat n8ppb@amsat.org
{' 0-0 '} Amateur Radio License N8PPB AX.25-n8ppb@n8lhg.#cinn.oh.usa.na
__ooO (_) Ooo__________________________Voice Mail__________________________________
1-800-209-7245/820-0165
```

5639. pro 43 mods

Newsgroup: rec.radio.scanner
Date: 1994-11-18 04:24:35 UTC
From: jeffkriss@gate.maloca.com
Message-ID: <3ahaa3$58d@gate.maloca.com>
Source record: 265294

Help,

I've seen lots of talk of Pro-43 mods.
Is there somewhere I can get a list/description of the mods that can be
done.
Thanx in advance.

Jeff

==========
Jeff Kriss jeffkriss@maloca.com
==========

5640. Scanners Across the Water, Or, Is Proscribed Technology Importable?

Newsgroup: rec.radio.scanner
Date: 1994-11-18 04:45:52 UTC
From: "Gregory yea... you can call me Greg" <gregmason@delphi.com>
Message-ID: <541VEZY.gregmason@delphi.com>
Source record: 265275

I just picked up a copy of a British magazine entitled Shortwave Magazine,
at my local bookstore. Inside, I found all kinds of interesting information
regarding scanning on the other side of the puddle. Seems theyre not really
supposed to be doing it over there. Cool. Anyhow in addition to the interest-
ing perspective Shortwave Magazine gave me, there were lots of neat advertitise-
ments. With all kinds of radios I have only read about on the net before now.

My question is this: Can these radios be imported? How? Does anyone here
have any first-hand experience with importing full-coverage scaning radios
m the UK? Please share your experience in these matters
with me.
Thanks.
---Greg

5641. Pro-2006 guts

Newsgroup: rec.radio.scanner
Date: 1994-11-18 04:58:48 UTC
From: starin@netcom.com
Message-ID: <starinCzG5u0.1Jo@netcom.com>
Source record: 265276

Any one out there know the pro-2006 inside and out?

I'm looking for a pro-2006 cardiovascular surgeon. Well, okay, a GP
would do, too.
--
Jeffrey
{New York}

5642. Re: MDTs

Newsgroup: rec.radio.scanner
Date: 1994-11-18 05:08:00 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1994Nov18.050800.15016@grian.cps.altadena.ca.us>
Source record: 265277

ad607@FreeNet.Carleton.CA (Darrell A. Larose) writes:

>In a previous article, levy@fndcd.fnal.gov () says:

>>I'm looking for info on the encoding format used by the Mobile Data Terminals
>>many police organizations are using now. It sounds very much like other types
>>of radio data transmission, but the $64,000 question is, it it encrypted?
>>
>The Ottawa Police Force has been using MDI/MDT systems for over 10 years now.
>The technology was developed by MDI in Vancouver, B.C. This company was the
>subject of a hostile take over a few years ago. The best info I have is that
>the data is not encrypted...but it may as well be! The operating system and
>all the operating software is proprietary. So unless you have a MDT plus a
>userid (called a CADRE number by the Ottawa Force) plus a current password,
>you will not be able to monitor any data. I believe that the local system
>runs at least 9,600 baud. The calls can be monitored via the mainframe system
>currently a DEC VAX system, but only certain people within the comm centre
>or the Computer Centre can transmit data. This systems can recieve dispatch
>calls, and email between other users within the police services. So if I
>was working in the HQ's I could log onto a terminal (DEC DT-320) and send
>a message to officer X. I suppose you could monitor the system and try to
>crack the program, but people have been trying that with number stations
>for over 30 years.

Ten years ago the LA County Sheriffs began using a system that an
acquaintance of mine said was not secure at all - his claim was that
anyone using a scanner with the audio run into an apple II cassette
port, and programmed to display synchronuous ascii could monitor it.
He did not comment on the baud rate, but I would suspect 1200.
Apparently the "EDS" equipment used the same audio tones as the Apple
cassette.

That's all I know, as I lost track of him a few months later.

--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

5643. Re: RS 2032?

Newsgroup: rec.radio.scanner
Date: 1994-11-18 06:25:11 UTC
From: tpanico@aol.com
Message-ID: <3ahhc7$mmg@newsbf01.news.aol.com>
Source record: 265280

In article <36ief7$8df@usenet.INS.CWRU.Edu>, ed498@cleveland.Freenet.Edu (Dave C. Smith) writes:

the pro2032 is in the rs 94 catalog. they recently dicontinued them and are selling for 199.99 if you can find them. as far as mods go i'm looking for them too. i took rs up on the 50% discount deal.

5644. Re: Calif. Cellular Telephones: Price =

Newsgroup: rec.radio.scanner
Date: 1994-11-18 06:37:23 UTC
From: KDAHLQUIST@news.delphi.com
Message-ID: <3ahi33$5io@news2.delphi.com>
Source record: 265281
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

You must understand that the cellular prices in CA are regulated...,and
you cannot get a LOWER price by switching companies. The prices are kept
artificially high by airtouch and la cellular. (in LA)

Karl Dahlquist
kdahlquist@delphi.com

5645. Re: Need help, can't receive CHP mobiles

Newsgroup: rec.radio.scanner
Date: 1994-11-18 06:39:43 UTC
From: KDAHLQUIST@news.delphi.com
Message-ID: <3ahi7f$5o6@news2.delphi.com>
Source record: 265282

You are too far away from the mobile units.

Karl Dahlquist
kdahlquist@delphi.com

5646. Re: Scanners in Planes

Newsgroup: rec.radio.scanner
Date: 1994-11-18 06:42:45 UTC
From: KDAHLQUIST@news.delphi.com
Message-ID: <3ahid5$5v1@news2.delphi.com>
Source record: 265283

Delta Airlines allows VHF-AIR scanning during non-critical parts of the flight. (takeoff, approach and landing)

Check SKY MAGAZINE (inflight) for more details.

No word on AMerican Eagle's Policy??

Karl Dahlquist
kdahlquist@delphi.com

5647. Pro39

Newsgroup: rec.radio.scanner
Date: 1994-11-18 10:40:18 UTC
From: dpfg@ukc.ac.uk
Message-ID: <5587@rook.ukc.ac.uk>
Source record: 265230

Could someone please confirm or deny that the Pro 39, as sold
by Tandy in Britain, has any gaps in its five bands' coverage?

It roughly does, according to the leaflet, 68-88, 108-136 AM,
137-174, 380-512, 800-900ish.

Ta.

5648. Re: Pro-2006 guts

Newsgroup: rec.radio.scanner
Date: 1994-11-18 11:31:32 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <3ai3ak$5je@freenet3.scri.fsu.edu>
Source record: 265285

Jeffrey Starin (starin@netcom.com) wrote:
: Any one out there know the pro-2006 inside and out?
: --
: Jeffrey

Commtronics Engineering - P.O.Box 262478 - San Diego, CA - 92196-2478
Send a Business-size SASE for info.

--
Accept no substitutes.....chuck.....KE4QPU.....

5649. Re: Weather Reports via Scanner & Modem

Newsgroup: rec.radio.scanner
Date: 1994-11-18 11:53:13 UTC
From: norman@cs.toronto.edu
Message-ID: <1994Nov18.065312.23777@jarvis.cs.toronto.edu>
Source record: 265286

Here in Toronto, the Environment Canada broadcast on 162.400 includes a periodic data burst. All I know about it is contained in the blurb that used to follow it. (I haven't heard the blurb in months, but the data burst is still there.)

The tone you have just heard is a digitized data burst called WeatherCopy. WeatherCopy is an innovative service providing printed weather information to listeners in the Toronto Weatherradio broadcast area.

The data burst consists of several tones of rapidly increasing pitch, followed by several bursts of quasi-white-noise. I would assume that the opening tones allow some sort of modem to identify, and hence to decode, the data burst that follows.

I believe I've heard the same tones (but never the explanatory blurb) on other Environment Canada broadcast stations, possibly only in Southern Ontario; I don't remember ever hearing it in the US. Has anyone else heard something similar?

Norman Wilson
University of Toronto
norman@utirc.utoronto.ca

5650. Re: CB antenna for scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-18 14:57:50 UTC
From: randolph@est.enet.dec.com
Message-ID: <3aj14i$n6h@mrnews.mro.dec.com>
Source record: 265295

In article <3afs0i$bom@jetty.telerate.com>, lanka@speedracer.sysdev.telerate.com (Jeff Lanka) writes...
>I am strapped financially right now, but have an old D40 CB antenna. Could I
>expect to get any type of performance using this as a scanner antenna, or
>am I just wasting my time?
>Jeff Lanka

Go ahead and try it. You will get some gain at CB freqs, and maybe at multiples of 27 MHz also, but at all other freqs it will act just like any piece of wire stuck up in the air. If all you have now is a rubber duck, you'll proabably come out ahead.
-Tom R. N1OOQ randolph@est.enet.dec.com

5651. Re: New Uniden/Bearcat scanner models

Newsgroup: rec.radio.scanner
Date: 1994-11-18 16:11:48 UTC
From: Ben Hernandez <ben.hernandez@macsch.com>
Message-ID: <CzH0zp.I1o@draco.macsch.com>
Source record: 265289

>The features sound a lot like the 2500 as well. From the description
>you give, it sounds like a similar radio with a firmware update, the
>difference being the selectable mode. I think the 'Automatic store'
>is there as well, but may be called something else in the 2500.

Yep, it's called Autostore. The only difference is the Selectable
attenuator and Selectable modes: AM, NBFM, WBFM. Firmware upgrade, NO
CELL MODS! (maybe shoot lasers into the chip!) Not worth the money! C'mon
Uniden, how 'bout 1000 channels, backlit keypad, Alphanumeric Display,
and Computer Control! Don't let the AR 8000 steal your thunder.

5652. Re: Cordless Phone Range

Newsgroup: rec.radio.scanner
Date: 1994-11-18 16:24:02 UTC
From: blunt@pipeline.com
Message-ID: <3aikf2$311@pipe2.pipeline.com>
Source record: 265319

cgwh@chevron.com (Curtis Wheeler) wrote:
>
>In article <brueger.337.00199D50@infi.net>
>brueger@infi.net (Brian J. Rueger) writes:
>
>>In article <2EC946D2@MSGATE02.LEGENT.COM> Franklin
>Fasano <FFASANO@VASALES.LEGENT.COM> writes:
>
>>>I am attempting to increase the range of a cordless
>phone. I am primarily
>>>concerned with range OUTSIDE the house, and 900 Mhz
>still doesn't cut it.
>>> First, how much transmitting power do these things
>have? Also, is it
>>>possible/legal to mount an outside antenna?
>
>>I have seen ads for cordless outdoor antenna but it
>has been a long time ago
>>and I don't remember where it was.
>
This company has several specialized antenna's.

Cellular Security Group
4 Gerring Rd.
Gloucester MA 01930
1(508)281-8892

High Performance 800mhz antenna called *Max 800 ground plane*

Max 46-49mhz dipole

ect ect

blunt@pipeline.com

5653. Re: Aor 8000

Newsgroup: rec.radio.scanner
Date: 1994-11-18 16:25:57 UTC
From: txb00@amail.amdahl.com
Message-ID: <9411180825.AA57066@txb00-mac1.George>
Source record: 265318

In article <3afas1$l90@nntp.crl.com>, Victor Healey <vhealey@crl.com> writes:
> Path: amdahl.uts.amdahl.com!amdahl.com!amdahl!pacbell.com!ames!haven.
> umd.edu!news.umbc.edu!eff!news.kei.com!bloom-beacon.mit.edu!gatech!
> swrinde!pipex!uunet!nntp.crl.com!usenet From: Victor Healey <vhealey@
> crl.com>
> Newsgroups: rec.radio.scanner
> Subject: Aor 8000
> Date: 17 Nov 1994 10:21:53 GMT
> Organization: CRL Dialup Internet Access
> Lines: 19
> Message-ID: <3afas1$l90@nntp.crl.com>
> NNTP-Posting-Host: crl4.crl.com
>
> Does anyone know what type of nicad pack the aor 8000 takes?
> Is it a weird one?
>
> Why can't everyone make a scanner which takes
> easily available set of aa batteries?
>
> Vic
>

>

The AR8000 takes 4 standard AA cells, NiCad or Alkaline!

Ty

5654. Re: Weather Reports via Scanner & Modem

Newsgroup: rec.radio.scanner
Date: 1994-11-18 16:27:31 UTC
From: froula@lor.cig.mot.com
Message-ID: <froula.785176051@lor>
Source record: 265317

morris@grian.cps.altadena.ca.us (Mike Morris) writes:

>147.060 is a amateur 2-meter repeater output. Apparently you were
>listening to an amateur radio operator rebroadcasting somebody's weather
>service - perhaps NOAA ?

Actually, an amateur in the Chicago area re-broadcasts portions of the NOAA weather feed via simplex over this frequency. The data is received by satellite dish, filtered by a computer program, and re-transmitted over 147.060 as 300 baud ascii data. A 300 baud modem in "originate" mode can decode the FSK tones just by hooking the speaker leads into the RJ11 jack and issuing the appropriate AT commands to put the modem in 300 baud mode and take the modem "off hook".

Old Tandy Color Computer modems are commonly sold at hamfests around here just for that purpose. I've been using an old scanner with one of these modems for several years. There's no error correction as with packet, but with a good antenna, it works pretty well. During tornado season, it`s great!

5655. Cellular antenna for scanners

Newsgroup: rec.radio.scanner
Date: 1994-11-18 17:31:19 UTC
From: gt8303a@prism.gatech.edu
Message-ID: <3aiod7$58r@acmey.gatech.edu>
Source record: 265291

I am new-ish to scanning. I have had a couple of scanners for
a month or so each over the last two years, and have recently
found a possible source for a PRO-43 at a good price. I have
a question about an antenna for my car. The previous owner
(my mother) had a cellular phone with a trunk-mounted antenna.
I am wondering if it would be possible/advisable to use that
antenna with a handheld scanner, while I am driving in the car.
I have seen the mounts that clip over the window edge and have
a BNC connector for the small antenna that the PRO-43 comes with,
but if I could use the cell antenna, I figure I'll get better
reception. True or false, and why? Thanks for your time and
expertise.

Andy

--
Andy Entrekin
gt8303a@prism.gatech.edu
(404) 355 - 6616

5656. Re: Advice: A good desktop model

Newsgroup: rec.radio.scanner
Date: 1994-11-18 18:28:42 UTC
From: dgs@53iss6.Waterloo.NCR.COM
Message-ID: <CzH7Bv.9LL@attwat.Waterloo.NCR.COM>
Source record: 265241
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <brett_miller.12.000CC76E@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>In article <3a1e2u$pll@nic-nac.CSU.net> g9153402@huey.csun.edu (Berton Corson) writes:
>>Any suggestions for a good desktop shortwave radio. Something that I can
>>neatly stack below or above my RS PRO-2006 scanner. Minimum requirements
>>are digital, BFO, 150 khz - 30.000 Mhz, and fairly good sensitivity. Also,
>>since I'm not made of money, it has to be below $1,000, but would prefer
>>it even be below $500.00.
>
>The Yaesu FRG-100 is a good radio for the money. The next step up would
>probably be the Drake R8.

Brett described my setup exactly (you haven't been peeking in my shack, have you?). I have my FRoG 100 on the bottom with the front-elevating foot extended and the PRO2006 flat on top of that. The FRoG has a bigger footprint so reversing the order wouldn't work too well, not to mention that with the RS on the bottom the antenna hole would be covered (if you're not using an external). Both use RS Minimus 3.5's as external speakers (can't stand the top-firing builtins, especially since the FRoG's would be buried in this setup) which are the icing on this layer cake. If you set the volumes right you can have a SW program running and have the scanner break in when there is activity.

Works for me.

I don't think you can beat the FRG-100 for the money in the table-top range. The sensitivity is excellent (I'm using a 140' wire fed through an MLB and RG58 coax, don't forget to buy the lightning arrestor!) such that I usually have the attenuators on to keep the S-meter off the right peg. The lack of a direct entry keyboard (which can now be fixed by the availability of two add-ons - one of which Universal can sell you at the same time as you buy the radio) has not been a problem since you can probably hit the FAST button and spin the VFO knob to get where you want to go faster than hunt-and-peck keying. The selectivity should be better than the unit I got since Yaesu admitted that the filters they were using were crap and upgraded the design (but not until after I had installed a KIWA replacement set :-( ).

.............Dave

Remember: Net.advice is usually worth what you pay for it.
VOICE:+1-519-884-1710x5701 FAX:+1-519-884-0610 NCR VoicePlus:643-5701 DoD#: 66
Dave.G.Schwartz@Waterloo.NCR.COM UUCP:{uunet!ncrcom,maytag}!attwat!53iss6!dgs

5657. Re: almost found a perfect scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-18 18:53:24 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <785174488@f747.n115.z1.ftn>
Source record: 265290

-=> Quoting Ryan Weaver to All <=-

RW> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:

> -=> Quoting Ryan Weaver to All <=-

> RW> I was one pen away from writing a check for a pro-2006 (supposedly the
> RW> best?) but then looked at the frequencies it didn't carry. Is there a
> RW> smaller scanner that would complete the spectrum if I added the famous
> RW> diode that allows cell scanning? Or is there an even better scanner
> RW> (complete range) out there?

> What exactly were you looking for, Ryan? The unit does have a gap in the
>800 mhz band, but that is easily rectified in 2 minutes and a pair of
>wire clippers. The gap in the 520 to 760 Mhz is UHF television...so
>nothing worth getting here.

> Jerry
RW>
RW> Forget it. I bought it.

Didn't mean to twist your arm or anything. <g> Congrats on your
purchase. From reports I have heard, the '2006 is better than it's
replacement, the 2035.

Jerry

5658. Re: High VHF reception seasonal?

Newsgroup: rec.radio.scanner
Date: 1994-11-18 19:11:05 UTC
From: dgs@53iss6.Waterloo.NCR.COM
Message-ID: <CzH9AH.AGI@attwat.Waterloo.NCR.COM>
Source record: 265320

In article <ncschult.784967330@vela.acs.oakland.edu> ncschult@vela.acs.oakland.edu (N C Schultheiss) writes:
>Can anyone tell me why the good reception I experienced all summer long
>in the 156-158MHZ range has deteriorated as we get closer to winter?
>I'm not shure if the signals strenght reaching my scanner has droped off
>or if the interference has picked up.

If you are using an external antenna, maybe you should check your connections. In my experience, reception is getting better - I am hearing dispatch and mobiles of a PD over 80KM away breaking the squelch on one of the channels of our local PD. This didn't happen last month but has been pretty consistent this month.

.............Dave

Remember: Net.advice is usually worth what you pay for it.
VOICE:+1-519-884-1710x5701 FAX:+1-519-884-0610 NCR VoicePlus:643-5701 DoD#: 66
Dave.G.Schwartz@Waterloo.NCR.COM UUCP:{uunet!ncrcom,maytag}!attwat!53iss6!dgs

5659. Scanning in the UK

Newsgroup: rec.radio.scanner
Date: 1994-11-18 20:23:32 UTC
From: scurtis@sv.span.com
Message-ID: <784344151snx@sv.span.com>
Source record: 265316

Has anyone had any luck using a P3 with a modified test chip to scan cellular frequancies in the UK ? This group seems to carry a lot of US based scanner trafic.

Also, what are some good UK based scanners ?

Steve.
--
PGP key available on request.
Steve Curtis <scurtis@sv.span.com> Bristol, UK.

5660. Radio Shack Bashing

Newsgroup: rec.radio.scanner
Date: 1994-11-18 20:23:46 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3aj32i$nhh@newshost.lanl.gov>
Source record: 265255

Come on folks we haven't beat up Radio Shack for several weeks now.
To get the ball rolling I submit their new slogan should be:

"You have questions, We haven't got a clue."

All other suggestions are certainly welcome.

5661. Re: Scanners in Planes

Newsgroup: rec.radio.scanner
Date: 1994-11-18 20:42:07 UTC
From: rdervan@mindspring.com
Message-ID: <rdervan.176.0014B44E@mindspring.com>
Source record: 265303

In article <3ahid5$5v1@news2.delphi.com> KDAHLQUIST@news.delphi.com (KDAHLQUIST@DELPHI.COM) writes:

>No word on AMerican Eagle's Policy??

When I flew AE, their magazine said "NO" to scanners period...

-RIchard

5662. Re: Help protect me from lightning

Newsgroup: rec.radio.scanner
Date: 1994-11-18 22:04:31 UTC
From: jmccarty@spd.dsccc.com
Message-ID: <3aj8df$fbr@sun001.dsccc.com>
Source record: 265299

In article <brett_miller.15.000DAAB6@ccm.hf.intel.com>,
Brett Miller - N7OLQ <brett_miller@ccm.hf.intel.com> wrote:

[nested quote about grounding antennas removed]

)I would think that a lightning rod would be important if you were doing this.
)By grounding the antennas you are actually making a bunch of lightning rods
)that could not handle a direct strike. A lightning rod mounted above the
)highest antenna would reduce the chance of a strike to the antennas.
)...where is Gary Coffman when you need him ;-)

[rest deleted]

I should think that most antennas would make pretty good lighting rods,
and hence -prevent- any strikes in the near vicinity.

Mike
---
char *p="char *p=%c%s%c;main(){printf(p,34,p,34);}";main(){printf(p,34,p,34);}

5663. AOR AR1000XLT

Newsgroup: rec.radio.scanner
Date: 1994-11-18 23:29:25 UTC
From: Stewart@gate.net
Message-ID: <3ajdcl$asi@tequesta.gate.net>
Source record: 265225

I am planning on purchasing a new hand held scanner. I am looking at the AOR AR1000XLT. Does anyone out there have any comments on this model? How does it compare to the RS Pro-43? What other scanners would you recommend over this one? Any comments would be greatly appreciated.

Thanks,

Earl Stewart

5664. Re: Uniden Phone Number?

Newsgroup: rec.radio.scanner
Date: 1994-11-18 23:30:26 UTC
From: Ben Hernandez <ben.hernandez@macsch.com>
Message-ID: <CzHLAq.20z@draco.macsch.com>
Source record: 265323

In article <3ag7rk$kfv@news.ysu.edu> Tom Russo, af308@yfn.ysu.edu writes:
>Can anyone help me with the phone number?

Uniden Parts, Supplies, Manuals, and Questions:
800-297-1023
-Ben

5665. NY Commercial Freq FTP Sites.

Newsgroup: rec.radio.scanner
Date: 1994-11-19 00:14:20 UTC
From: jimw@pine.liii.com
Message-ID: <CzHnBx.JwA@liii.com>
Source record: 265227

Thanks for reading this message. I am looking a current listing of all the commercial frequencies known for New York State. If anyone happens to know a good ftp site, drop me a line with the address info ??

Happy Listening.....

--
==========
Email Address: jimw@liii.com
Packet Radio: n2lsj@n2bqf.#nli.ny.usa.na
"Playing all the hits for you....where ever you may be."
==========

5666. Re: Q: Good antenna for airplane use

Newsgroup: rec.radio.scanner
Date: 1994-11-19 01:48:10 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Nov18.174810.4826@cmkrnl>
Source record: 265296

In article <pwd-151194140149000l@17.130.21.104>,
pwd@apple.com (Patrick W. P. Dirks) writes:
> plane and I've found that unless I hold the rubber duckie antenna against
> the window, I won't receive anything but the plane's own transmissions.

you're inside a metal tube. RF from the outside just isn't going to penetrate
very far inside.

> Is there a better antenna for use under the circumstances? Is there
> something I could stick to the window with a suction cup or something,
> preferably something descrete as well (I don't want to weird out other
> passengers), that would work better?

No. You need to get the antenna outside the airplane. Since that isn't
likely, against the window is your only hope.

> Finally, I'm sure some people will also be curious whether the scanner's
> internal oscilator noise "leaks out" through the antenna, and whether a
> "better" antenna will affect the amount of potential interference
> generated.

yes, and in general, yes.

the funny thing about all this is that, given the IF frequencies used,
I'd expect a scanner to bother the airplane's electronics far less than an
FM broadcast band receiver (eg Walkman).

> (a) I KNOW according to the FARs it's the airline operating company's call
> whether to allow electronic devices on board, but I figure the captain is
> the PIC and if HE doesn't mind taking the chance, I'll use my scanner, so
> I
> (b) ALWAYS ask the captain before the flight and let him know where I'm
> sitting in case ANYTHING unusual might happen and usually

Nice gesture, but the captain isn't usually qualified as an EMI expert.

If *your particular* scanner and antenna combo hasn't been accepted as safe to
operate during flight, I'd be happier if you kept it turned off.

You see, it isn't that the risk of the scanner causing a problem is so great,
but that the magnitude of the potential problem is so large. Would you play
Russian Roulette with a ten-thousand round cylinder and just one bullet loaded?
Maybe you would... but would I give you permission to play on my behalf? Nope.
Not even with a million-round cylinder.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

5667. Re: Military callsigns

Newsgroup: rec.radio.scanner
Date: 1994-11-19 02:28:57 UTC
From: kau@haas.berkeley.edu
Message-ID: <3ajnt9$a1t@agate.berkeley.edu>
Source record: 265297
Cross-posted to: rec.aviation.military,rec.radio.scanner,alt.radio.scanner

USAF AMC transports use REACH XX. But they can also use the last five of their serial.

Others I've noted:

KING XX for the 129th RQS at Moffett NAS, (C-130s, HH-60s)
FIREBIRD XX for VA-304 at Alameda NAS, (A-6s)
The Navy C-9s at Alameda just use their tailcode and nose number.
SHOOTER XX for VMFAT-101 at El Toro MCAS, (F-18s)
SMOKE XX for VMFA-134 at El Toro, F-18s
RAIDER XX for VMGR-352 at El Toro, KC-130s
ANTLER XX for HMM-166 at Tustin MCASH, CH-46s
WOLFPACK XX for HMH-466 at Tustin, CH-53s
WARHORSE XX for HMH-465 at Tustin, CH-53s

mmm, that's about all I can think of for now off the top of my head.

5668. 2026 low band mod???

Newsgroup: rec.radio.scanner
Date: 1994-11-19 03:18:52 UTC
From: Rob.Cooter@launchpad.unc.edu
Message-ID: <3ajqqs$i4h@bigblue.oit.unc.edu>
Source record: 265308

```
--
-- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --
Launchpad is an experimental internet BBS. The views of its users do not
necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
-- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --
```

5669. east TN. freq's???

Newsgroup: rec.radio.scanner
Date: 1994-11-19 03:33:52 UTC
From: Rob.Cooter@launchpad.unc.edu
Message-ID: <3ajrn0$1j91@bigblue.oit.unc.edu>
Source record: 265314

```
--
-- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --
Launchpad is an experimental internet BBS. The views of its users do not
necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
-- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --
```

5670. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-19 04:06:38 UTC
From: russ@userlab.com
Message-ID: <russ-1811942306380001@userlab.tor.hookup.net>
Source record: 265279
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

A friend was talking on the phone (here in Toronto) and said "that would be as stupid as selling tritium to the Iraqi's". "They" were at his office a few days later to "question" him about his involvment with the Iraqi's.

--
Russ Brown, Ph.D. You can get much further with a
Usability Consultant kind word and a gun than you can
russ@userlab.com with a kind word alone.
Fone: 416-489-3840 -- Al Capone
Fax: 416-489-9957

5671. Re: RS PRO-43... new model???

Newsgroup: rec.radio.scanner
Date: 1994-11-19 04:28:46 UTC
From: effigy@west.darkside.com
Message-ID: <Nys1Vc3w165w@west.darkside.com>
Source record: 265300

wfp5p@tigger.itc.Virginia.EDU (Bill Pemberton) writes:

> In article <09gVVc2w165w@west.darkside.com>,
> the effigy <effigy@west.darkside.com> wrote:
> >
> The scanner is only about a month old, and the salesman(?) at Radio Shack
> >said that the Pro-43 had been re-designed to make modifications harder.
> >He also said that the one I bought is 'probably' still the old 'easily
> >modifiable' version. I've read some rumors to this effect, and that there
> >was some way to tell by looking at the model/serial number of the unit...
> >
>
> Look at the FCC ID on the back. If it has an A on the end of it, it is one
> of the newer ones.
>
> --
> Bill
>
>

yeah... the ID is: AA020 300A

does that mean that it can't be modified? or that it is just really
hard...?

hard doesn't scare me if someone's got the right information. Again, if
anyone can help, I'd really appreciate it.

-thanks.

5672. Re: RS PRO-43... new model???

Newsgroup: rec.radio.scanner
Date: 1994-11-19 04:31:46 UTC
From: effigy@west.darkside.com
Message-ID: <N4s1Vc4w165w@west.darkside.com>
Source record: 265301

jerry@hnrc.tufts.edu (Jerry Dallal) writes:

> In article <09gVVc2w165w@west.darkside.com>, effigy@west.darkside.com (the ef
> > The scanner is only about a month old, and the salesman(?) at Radio Shack
> > said that the Pro-43 had been re-designed to make modifications harder.
> > He also said that the one I bought is 'probably' still the old 'easily
> > modifiable' version. I've read some rumors to this effect, and that there
> > was some way to tell by looking at the model/serial number of the unit...
> >
> If there's an A in your serial number, you're out of luck--it's not modifiabl

now wait, is it the FCC ID# or the Serial Number? I guess it doesn't
really matter, there's an A at the beginning of the serial number too..

shoot.

Nobody's figured out a mod for this model???

5673. Re: RS PRO-43... new model???

Newsgroup: rec.radio.scanner
Date: 1994-11-19 04:34:21 UTC
From: effigy@west.darkside.com
Message-ID: <y8s1Vc5w165w@west.darkside.com>
Source record: 265302

sflynn@freenet.vancouver.bc.ca (Sean Flynn) writes:

> Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
> : In article <09gVVc2w165w@west.darkside.com>, effigy@west.darkside.com (the
> : > The scanner is only about a month old, and the salesman(?) at Radio Shack
> : > said that the Pro-43 had been re-designed to make modifications harder.
> : > He also said that the one I bought is 'probably' still the old 'easily
> : > modifiable' version. I've read some rumors to this effect, and that there
> : > was some way to tell by looking at the model/serial number of the unit...
> : >
> : If there's an A in your serial number, you're out of luck--it's not modifia
>
> Just what was changed after they added the A? Did they just hack off
> the D3-D4 section of the board or was there significant rewiring? If
> you had a PRO-43 with an A in the serial, could you put a diode in
> across one of the leads somewhere (it probably wouldn't be as secure or
> good as if done with an older model, but if you are just trying to "force"
> the scanner to pick up cellular, lets say) or would you have to build
> a whole new circuit board? (and if you're building the board, how big
> would this board have to be - what stuff would need to be on it?)
>
> Sean
> sflynn@freenet.vancouver.bc.ca
>

all of the jumper locations are there (1-5) but there's only two diodes
on the board... I haven't tried jumping any of the other locations while
the original spots were still connected... I guess that's my next set of
experiments.

Any other suggestions?

5674. RECENT HACKING UTILITIES/INFO read how to get both...

Newsgroup: rec.radio.scanner
Date: 1994-11-19 05:03:49 UTC
From: gerl0011@gold.tc.umn.edu
Message-ID: <gerl0011.785221429@gold.tc.umn.edu>
Source record: 265304

The best hacking/phreaking text files and utilities
(wardialers, credit programs, cellular phone programs
and viruses) are collected in the H/P Disk collection-
volume 2.

Easy to use, and includes textfile instructions for all
functions. All files are current NOTHING is older than 1994.

To get volume 2 of the H/P disk collection, send a check
or money order for $2.00 plus $.50 shipping payable to
"JK Micro" at:

JK Micro
13022 Welcome Lane
Burnsville MN 55337-3842

The programs and files on the disks are free-the $2.00 covers disk cost.

5675. INFORMATION the GOVERNMENT does not want you to know...

Newsgroup: rec.radio.scanner
Date: 1994-11-19 05:11:30 UTC
From: gerl0011@gold.tc.umn.edu
Message-ID: <gerl0011.785221890@gold.tc.umn.edu>
Source record: 265305

```
Catalog of obscure and dangerous information
-------------------------------------------

Things the government doesn't want you to know.

These information packets (in the form of textfiles on disk) carry
everything from computer hacking, to phone phreaking, to cellular
phone tinkering, to homemade explosives. Learn about urban
survival, electronic surveillance, phone tapping, radio frequencies
and more.

Each info packet deals with one subject-most come with textfiles
AND computer programs/utilities for your PC.
Each info packet costs $2.00 plus $.50 shipping and handling.

To receive the full LARGE catalog of all our information packets, send
$3.00 plus $.50 shipping and handling (check or money order) payable
to "JK Micro" at

JK Micro
13022 Welcome Lane
Burnsville MN 55337-3842
```

5676. Re: Calif. Cellular Telephones: Price =

Newsgroup: rec.radio.scanner
Date: 1994-11-19 06:15:31 UTC
From: ashe@snugbug.cts.com
Message-ID: <1994Nov19.061531.2175@snugbug.cts.com>
Source record: 265236
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

KDAHLQUIST@DELPHI.COM (KDAHLQUIST@news.delphi.com) wrote:
: You must understand that the cellular prices in CA are regulated...,and
: you cannot get a LOWER price by switching companies. The prices are kept
: artificially high by airtouch and la cellular. (in LA)

Actually, it's courtesy of the PUC, they approve the tariffs.

5677. Re: Cellular Information

Newsgroup: rec.radio.scanner
Date: 1994-11-19 12:49:49 UTC
From: josephl@clark.net
Message-ID: <3aks9d$rh2@clarknet.clark.net>
Source record: 265249

John Thweatt (thweatt@picard.cig.mot.com) wrote:
: I remember about 6 months ago, someone suggestion some files to
: download to learn about the frequency allocations for Cellular.
: I was wondering if anyone know of where I can get more detailed
: information on internet regarding the operation of the cellular
: network. A project I am about to work on would be enhanced if I
: have a better understanding of how the current Cellular network
: works today. Since I saw this message on this group, I thought
: I would post this message here.

You must be joking!!??? You work for Motorola and don't know anything
about it?

--

Joseph A. Liu
Radiance Associates, Inc. [r]
---
a multilevel marketing company

5678. Re: RECENT HACKING UTILITIES/INFO read how to get both...

Newsgroup: rec.radio.scanner
Date: 1994-11-19 12:56:31 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3akslv$vcr@tiger1.ocs.lsu.edu>
Source record: 265250

David J Gerlach (gerl0011@gold.tc.umn.edu) wrote:

: The best hacking/phreaking text files and utilities
: (wardialers, credit programs, cellular phone programs
: and viruses) are collected in the H/P Disk collection-
: volume 2.
(snip)

: The programs and files on the disks are free-the $2.00 covers disk cost.
^^^^
Ok, so what if I don't want the disk. If the programs are FREE, then
why don't you put them up on some FTP site.I'll download them and send
you a thank you note.
And are you really paying $2 per disk??? if so, I'll sell you disks at
$1.50 each. That's 50 cents more profit on each sale. Oh yeah, you are
only charging for "DISK COST".So you make NO MONEY? this is an act of
kindness? You are a truly generous man.
Dave

5679. Re: Those strings of numbers on SW.

Newsgroup: rec.radio.scanner
Date: 1994-11-19 13:07:58 UTC
From: julian@kesteven.win-uk.net
Message-ID: <114@kesteven.win-uk.net>
Source record: 265266
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <3a6pmq$na8@nic-nac.CSU.net>, Berton Corson (g9153402@huey.csun.edu) writes:
>I'm relatively new as a SW listener, so this has probably been asked
>ad-nauseum, but what are those strings of numbers broadcasted on
>SW. Tonight (Sunday) I here a man saying groups of numbers, constantly,
>at 5.770 mhz. Reading material I have says "spy" transmissions for the
>last 30 years. If you ask me, this is quite a low-tech way of trans-
>mitting super-secret stuff these days. So who's spying, and what's
>the code? ...Just hope no one gives me the line, "I can tell you, but
>if I do I'll have to shoot you"...

"Intercepting Number Stations" by Langley Pierce
ISBN 0 951 97834 9
Published by

Interproducts
8 Abbot Street
PERTH
PH2 0EB
SCOTLAND

gives 5770 as a Bundesnachrichtendienst (BND) frequency, used by
identifiers CT, EG, EL, FS, IT, PB, UL, YB and YS. One of these
identifiers should precede the message, will be spoken
phonetically, and repeated a number of times. eg. Charlie Tango...
Charlie Tango... Charlie Tango. The agency uses a number of other
frequencies, some carrying traffic in English, the majority in
German.

(BND is the (West) German Intelligence Agency).

Julian

5680. Re: Cordless Phone Range

Newsgroup: rec.radio.scanner
Date: 1994-11-19 14:35:16 UTC
From: crisp@netcom.com
Message-ID: <crispCzIr6s.43G@netcom.com>
Source record: 265251

In article <3aikf2$311@pipe2.pipeline.com> blunt@pipeline.com (Michael J. Hogan) writes:
>This company has several specialized antenna's.
>
>Cellular Security Group
>4 Gerring Rd.
>Gloucester MA 01930
>1(508)281-8892
>
>High Performance 800mhz antenna called *Max 800 ground plane*
>
>Max 46-49mhz dipole
>
>ect ect
>
>blunt@pipeline.com
>

you should get them to first tell you what constitutes "high performance"
ask them what advantages their antennas offer over the standard duckie or
whip:

I've seen their product and as far as I am concerned it is designed to look
cool and that's it. Usually the problem wiht 800mhz signals is not that that
they are too weak, it is that you have intermod and other trash around.
An antenna that offers gain is not that useful on local stuff, and it is
not clear to me that the antennas really offer gain. Again, they
are designed to look cool.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box,
and the cartridge box. Let's effectively use the first two so we do not
have to resort to the third!

5681. Is this Canadian pro43 mo

Newsgroup: rec.radio.scanner
Date: 1994-11-19 14:57:00 UTC
From: kevin.maharaj@canrem.com
Message-ID: <60.11522.5773.0N1BF6FB@canrem.com>
Source record: 265231

Can someone tell tell me if this PRO-43 is modifiable for cell. coverage? It's a display unit, SN A008276, DOC/MDC 255 B163. The models here in Canada don't have a FCC code, just the above. And how does the pro-43 compare with the pro-37 which was the scanner I had a couple years ago?

... Windows Error 005: Multitasking attempted. System confused.
___ Blue Wave/QWK v2.12

5682. Pro 2020 mods anyone?

Newsgroup: rec.radio.scanner
Date: 1994-11-19 15:22:28 UTC
From: cbell@metronet.com
Message-ID: <CzItDH.CM7@metronet.com>
Source record: 265246
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I'm looking for any mods for my old Radio Shack Pro 2020. I'm also having some problems with this old scanner. The display sometimes just goes blank and I have to turn the thing off and on rapidly several times to get it to come back on and work right. Sometimes it loses the freqs in memory when it does this, despite a good battery. I opened it up and did a visual inspection for poor soldering, cracked pc board, etc. but I don't see anything amiss. If any of you here have had a similiar problem or symtoms with your scanner and know what it might be offhand, please let me know. Just thought I'd mention it on the off chance that it is a common problem with (hopefully) a simple solution.

Thanks

Chuck Bell
cbell@metronet.com

--
Chuck Bell | "The Greatest Joy There Is In Life - |
cbell@metronet.com | Is CREATING! Splurge on it!" - L. Ron Hubbard |

5683. Re: Military callsigns

Newsgroup: rec.radio.scanner
Date: 1994-11-19 16:11:42 UTC
From: ronm@hevanet.com
Message-ID: <3al84f$9vg@vista.hevanet.com>
Source record: 265232
Cross-posted to: rec.aviation.military,rec.radio.scanner,alt.radio.scanner

Kevin Au (kau@haas.berkeley.edu) wrote:

: USAF AMC transports use REACH XX. But they can also use the last five of
: their serial.

: Others I've noted:

: KING XX for the 129th RQS at Moffett NAS, (C-130s, HH-60s)
: FIREBIRD XX for VA-304 at Alameda NAS, (A-6s)
: The Navy C-9s at Alameda just use their tailcode and nose number.
: SHOOTER XX for VMFAT-101 at El Toro MCAS, (F-18s)
: SMOKE XX for VMFA-134 at El Toro, F-18s
: RAIDER XX for VMGR-352 at El Toro, KC-130s
: ANTLER XX for HMM-166 at Tustin MCASH, CH-46s
: WOLFPACK XX for HMH-466 at Tustin, CH-53s
: WARHORSE XX for HMH-465 at Tustin, CH-53s

: mmm, that's about all I can think of for now off the top of my head.

My extra little bit:

Hope XX C-141's at Travis AFB
Amway XX C-5's At Travis
King XX USED to be C-130's at Portland ANG (long time ago)

I used to work (talk to a bunch of the "local" mil flights in California
back in the early 70's but the nuron connection has rusted out I guess.

Cheers

Ron Magnus

ronm@hevanet.com

5684. Re: Advice Wanted...

Newsgroup: rec.radio.scanner
Date: 1994-11-19 16:48:03 UTC
From: dpfg@ukc.ac.uk
Message-ID: <5597@rook.ukc.ac.uk>
Source record: 265233

>
> Aircraft coverage with AM mode (pretty common) and Military Air
>band (200 - 400 mHz in AM mode>. I'd not consider a scanner without it.

What scanners do the Military aircraft?
Most of the Tandy ones eg Pro 39 do not cover 174-380.

5685. Getting frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-19 16:56:22 UTC
From: dpfg@ukc.ac.uk
Message-ID: <5598@rook.ukc.ac.uk>
Source record: 265253

Would it be possible to find out all the interesting frequencies
by contacting the Radiocommunications Agency in London, since they
must have all the details of licences issued to operators?

Would they ask awkward questions?

5686. Re: Advice: A good desktop model

Newsgroup: rec.radio.scanner
Date: 1994-11-19 17:24:27 UTC
From: cb@cray.com
Message-ID: <CB.94Nov19112447@willow021.cray.com>
Source record: 265234
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

David Schwartz writes:

I don't think you can beat the FRG-100 for the money in the table-top range. The sensitivity is excellent ...

In this price range, the original poster should also consider the Lowe HF-150. The two sets have different (almost complementary) strong and weak points.
--

Chris Brewster Cray Research, Inc.

5687. Pro 39

Newsgroup: rec.radio.scanner
Date: 1994-11-19 17:36:00 UTC
From: ronald.b#d#.barker@arch.com
Message-ID: <325.2289.110@arch.com>
Source record: 265235

VV>Great scanner. Ive got one right here, I love it. Now in S. Florida,
VV>its very helpful to me, Tropical Storm Gordon, being a portable
VV>BATT. operated unit. Do get one, you should enjoy it.

I have a PRO-39 also and I'm curious if you know of any modifications
for it. All in all I think it's a great scanner.....

Internet: ronald.b#d#.barker@arch.com (Ronald B. Barker)
Archives BBS <user@arch.com> 1-713-722-7724 Houston, Tx

5688. Alphanumeric handheld scanners?? WHEN?

Newsgroup: rec.radio.scanner
Date: 1994-11-19 18:12:08 UTC
From: hglassma@daniel.drew.edu
Message-ID: <1994Nov19.181208.113475@daniel>
Source record: 265261

After seeing the posting about the new Uniden/Bearcat scanners, I was disappointed to see that the new handheld scanners still have a standard numerical display.

I have been waiting for a scanner manufacturer to develop an alphanumeric display similar to that used by the Motorola Saber radio.

I know that Uniden made that dash mountable alphanumeric a couple of years ago, but that is not what I am looking for.

Does anyone know of any existing alphanumeric handheld scanners or of any plans to make one?

Thanks for your help!

5689. FS: Icom R-1 Handheld Receiver

Newsgroup: rec.radio.scanner
Date: 1994-11-19 18:45:45 UTC
From: amigo@seanet.com
Message-ID: <3alh4p$bpj@kisa.seanet.com>
Source record: 265254
Cross-posted to: rec.radio.swap,rec.radio.scanner

```
FORSALE:
Icom R-1 Handheld Communications Receiver
- FULL coverage from .1-1300 MHz
- Includes original box, power supply, & manual
(excellent condition, had it for 6 months)
- Smallest wide-range scanner available

These extras included:

- JIM M85 GaAs FET scanner pre-amplifier
(adjustable gain from -10 dB up to +20 dB,
covering 24-2150 MHz)
- 4.5 ft (fully extended) antenna
- BP-83 700 mAh battery pack (extends power to 6hrs+)

-> Asking $375 shipped or a reasonable offer..

--> Scott
amigo@seanet.com
```

5690. Re: Scanners Across the Water, Or, Is Proscribed Technology Importab

Newsgroup: rec.radio.scanner
Date: 1994-11-19 20:32:42 UTC
From: joenow@delphi.com
Message-ID: <BE10sty.joenow@delphi.com>
Source record: 265258

Greg,
I don't know about all the tech from outside the US but if you
try and import a scanner that can pick up Cellular Phone (800mhz) freqs
and you get caught you will have your scanner confiscated and I think
pay a hefty fine. Of course if you don't get caught you can listen to
those freqs. A more legal solution is to try and buy an old scanner off
someone willing to part with it that picks up the 'forbidden frequencies'.
-joe

5691. Re: Cellular antenna for scanners

Newsgroup: rec.radio.scanner
Date: 1994-11-19 20:45:22 UTC
From: jfe@efn.org
Message-ID: <CzJ8Bn.D6E@efn.org>
Source record: 265237

Allways worked for me. If you are in a car you can't do better than an outside antenna, try to keep the antenna cable as short as possible. This antenna will favor higher frequencies but will work fine for all bands.

5692. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-19 21:59:29 UTC
From: dgoldst@somasf.unm.edu
Message-ID: <dgoldst-1911941459290001@medlab14.unm.edu>
Source record: 265238
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

```
> : We do not believe any group of men adequate enough or wise enough to
> : operate without scrutiny or without criticism. We know that the only way to
> : avoid error is to detect it, that the only way to detect it is to be free
> : to inquire. We know that in secrecy error undetected will flourish and
subvert.
> : J. Robert Oppenheimer
>
> Beautiful quote!
> --
> |o|-------------------------|o|
> |o| Charlie Wilkinson |o|
> |o| "ChaswalD The Compiler" |o|
> |o| cwilkins@boink.clark.net |o|
> |o| Paquette: |o|
> |o| N3HAZ@KA3RFE.MD.USA.NA |o|
> |o| Ask me about |o|
> |o| ACME brand Packet Wax! |o|
> |o|-------------------------|o|

Thanks. I like it even if it is long.
+---------------------------------------------------------------------+
+ David Goldstein, University of New Mexico SOM Educational Computing
+ Coordinator
+---------------------------------------------------------------------
+ Interspam: dgoldst@peterpan.unm.edu
+ Bitspam: dgoldst@unmb
+ DecSpam: unmb::dgoldst
+ Faxspam: Unknown at this time

+ Voicespam: 505-277-1992

+ SnailMailspam: UNM SOM, 915 Camino de Salud, Albuquerque, NM 87131

We do not believe any group of men adequate enough or wise enough to
operate without scrutiny or without criticism. We know that the only way to
avoid error is to detect it, that the only way to detect it is to be free
to inquire. We know that in secrecy error undetected will flourish and subvert.
J. Robert Oppenheimer
+ The opinions expressed here are mine, as usual.
+ Any others are someone else's, just leave UNM out of it.
```

5693. Marine Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-19 23:51:11 UTC
From: fk192@cleveland.Freenet.Edu
Message-ID: <3am31f$qh6@usenet.INS.CWRU.Edu>
Source record: 265252

I have a question about marine frequencies. The list that I
have goes from channel 1 to 28 (156.050 -157.400 in .050 steps)
and from channel 60 to 88 (156.025-157.425 in .050 steps).
What happened to channels 29 to 59? Are they not used?
Also anyone have any frequencies used by cruise ships around the
U.S. Virgin Islands. I will be spending a few weeks at a friends
home and will be in sight of many of the ships as they come into
the island of St. John.

John Udvari
fk192@cleveland.freenet.edu
or
wb8vpa@barf80.nshore.org

5694. Re: Does the BC-120XLT have 800mhz?

Newsgroup: rec.radio.scanner
Date: 1994-11-20 00:49:10 UTC
From: mgarrett@prairienet.org
Message-ID: <3am6e7$mdr@vixen.cso.uiuc.edu>
Source record: 265239

In a previous article, russell@gonix.com (Tim Russell) says:

> TSIA. Does the new Uniden BC-120 have 800mhz coverage? I can't tell from
>the ads I've seen, but it would seem that it might not.
>
>

Sorry, But the BC-120xlt does not have 800 MHZ operation. The BC-220 has
though.
--
Mark Garrett mgarrett@firefly.prairienet.org
KA9SZX @ N9LNQ.#ECIL.IL.USA.NA

5695. Re: Cellular antenna for scanners

Newsgroup: rec.radio.scanner
Date: 1994-11-20 01:03:34 UTC
From: Victor Healey <vhealey@crl.com>
Message-ID: <3am796$qeu@nntp.crl.com>
Source record: 265240

> I am new-ish to scanning. I have had a couple of scanners for
> a month or so each over the last two years, and have recently
> found a possible source for a PRO-43 at a good price. I have
> a question about an antenna for my car. The previous owner
> (my mother) had a cellular phone with a trunk-mounted antenna.
> I am wondering if it would be possible/advisable to use that
> antenna with a handheld scanner, while I am driving in the car.
> I have seen the mounts that clip over the window edge and have
> a BNC connector for the small antenna that the PRO-43 comes with,
> but if I could use the cell antenna, I figure I'll get better
> reception. True or false, and why? Thanks for your time and
> expertise.
>
If you have the time you may want to try an expierment I have
been meaning to do. Hook up a celluar antenna to the feed from
the one one the outside of the car. This should in theory bring the
cell signals in from the outside and reradiate them inside your metal box where
your little scanner can pick them up better.

The advantage to you is that the scanner would be easier to operate
while mobile if it had one less wire connected to it.

If this idea works then I would try it with other bands as it
would be a niffty way of protecteding the scanner reciever from
static spikes that some antennas pass.

This would be a passive antenna system IMHO and the concept is
used in some tunnels to carry outside signals in to vehicles
traveling thru them.

Another extension would be to hook up and antenna witth a siganl
amplifier and then feed another antenna near your reciever.
Get back to me if it works.

Vic Healey ki4je
URL E mailto:vhealey@crl.com

To see paranoia in all its glory!
URL http://www.ic.gov/

5696. Re: Military callsigns

Newsgroup: rec.radio.scanner
Date: 1994-11-20 01:18:43 UTC
From: decastro@netcom.com
Message-ID: <decastroCzJKz8.EAu@netcom.com>
Source record: 265243
Cross-posted to: rec.aviation.military,rec.radio.scanner,alt.radio.scanner

ronm@hevanet.com (Ron Magnus) writes:

>Kevin Au (kau@haas.berkeley.edu) wrote:

>: USAF AMC transports use REACH XX. But they can also use the last five of
>: their serial.

>: Others I've noted:

>: KING XX for the 129th RQS at Moffett NAS, (C-130s, HH-60s)
>: FIREBIRD XX for VA-304 at Alameda NAS, (A-6s)
>: The Navy C-9s at Alameda just use their tailcode and nose number.
>: SHOOTER XX for VMFAT-101 at El Toro MCAS, (F-18s)
>: SMOKE XX for VMFA-134 at El Toro, F-18s
>: RAIDER XX for VMGR-352 at El Toro, KC-130s
>: ANTLER XX for HMM-166 at Tustin MCASH, CH-46s
>: WOLFPACK XX for HMH-466 at Tustin, CH-53s
>: WARHORSE XX for HMH-465 at Tustin, CH-53s

>: mmm, that's about all I can think of for now off the top of my head.

>My extra little bit:

>Hope XX C-141's at Travis AFB
>Amway XX C-5's At Travis
>King XX USED to be C-130's at Portland ANG (long time ago)

King (anything) is a generic callsign for any RESCUE flight in the AF.
Both the 129th and Portland have/had rescue aircraft.

>I used to work (talk to a bunch of the "local" mil flights in California
>back in the early 70's but the nuron connection has rusted out I guess.

>Cheers

>Ron Magnus

>ronm@hevanet.com

--
==========
decastro@netcom.com Warning: I am a trained professional. No, Really!
Rick N6RCX EMT-A ATP MA Do Not try this yourself - it could get ugly......
Richard A. De Castro - As long as the Government pretends to protect me,
I'll pretend to feel safe - NOT!
-Don't Tread On Me!-
==========

5697. Re: Radio Shack Bashing

Newsgroup: rec.radio.scanner
Date: 1994-11-20 01:32:24 UTC
From: gdallal@world.std.com
Message-ID: <CzJLM0.FoA@world.std.com>
Source record: 265244

Gerald Schmitt (ggs@aerie.lanl.gov) wrote:

: Come on folks we haven't beat up Radio Shack for several weeks now.
: To get the ball rolling I submit their new slogan should be:

: "You have questions, We haven't got a clue."

: All other suggestions are certainly welcome.

That's 'cause it's more fun beating up on Intel over the Pentium FDIV error
over in comp.sys.intel

5698. Re: Alphanumeric handheld scanners?? WHEN?

Newsgroup: rec.radio.scanner
Date: 1994-11-20 01:42:40 UTC
From: schuster@panix.com
Message-ID: <3am9ig$o4n@panix2.panix.com>
Source record: 265245

In article <1994Nov19.181208.113475@daniel>, <hglassma@daniel.drew.edu> wrote:
>After seeing the posting about the new Uniden/Bearcat scanners, I was
>disappointed to see that the new handheld scanners still have a
>standard numerical display.
>
>I have been waiting for a scanner manufacturer to develop an
>alphanumeric display similar to that used by the Motorola Saber radio.
>
>I know that Uniden made that dash mountable alphanumeric a couple of
>years ago, but that is not what I am looking for.
>
>Does anyone know of any existing alphanumeric handheld scanners or of
>any plans to make one?

The AR8000, from AOR, has an alphanumeric display complete with
7-character memory/bank labels, signal-strength meter, and primitive
bandscope.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5699. Cellular Phone

Newsgroup: rec.radio.scanner
Date: 1994-11-20 01:48:04 UTC
From: samson@no.email.address
Message-ID: <samson.12.0001A774@no.email.address>
Source record: 265269

Anyone know of a good portable scanner that can be used in a car to pick up cellular phone conversations? I'm always interested to know what people talk about on their car phone while driving. I'm conducting a informal survey of what people really use their car phone for (ie business, safety, being cool, ect...) How about jamming these transmissions? Any tips and advice? I mean advice, not warnings about it being illegal.

No flames please! Just serious answers. I will not waste any time with flames so spare me your itch to get something off your chest. All others are welcome though.

Remember, it's only illegal when one get caught. Otherwise, it's just curiosity and thrill. I love this country.

"Sometimes, it does really take two wrong turns to get back on the right track."

5700. 900 MHz digital cordless phones.

Newsgroup: rec.radio.scanner
Date: 1994-11-20 02:04:16 UTC
From: salsa@I.hate.mexican.food
Message-ID: <salsa.14.0001ECB0@I.hate.mexican.food>
Source record: 265270

Is there anyway to monitor these transmission? Any digital to analog converter to output voice signals?
How can one extend the range of these phones?

5701. Re: Frequencies for Colonial Williamsburg?

Newsgroup: rec.radio.scanner
Date: 1994-11-20 02:55:19 UTC
From: medicmark@aol.com
Message-ID: <3amdqn$roi@newsbf01.news.aol.com>
Source record: 265247

Williamsburg Fire/EMS 154.1450 154.4450
Williamsburg Police 460.0500 460.1750

York Fire/EMS 154.4000
York Sheriff 453.1500

James City Fire/EMS 154.3550
James City Police 453.1000 453.2500

William and Mary Police 460.4250

Hope this helps...

Mark

PS: State PD for that area is 159.000

5702. Uniden Bearcat 200XLT mods wanted

Newsgroup: rec.radio.scanner
Date: 1994-11-20 04:49:04 UTC
From: rsharp@paul.spu.edu
Message-ID: <3amkg0$oqm@adam.spu.edu>
Source record: 265264

Mods for BC 200xlt wanted. Thanks much.

5703. high vhf antenna (marine)

Newsgroup: rec.radio.scanner
Date: 1994-11-20 05:07:57 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.785308077@vela.acs.oakland.edu>
Source record: 265265

I listen in on great lake shipping traffic, I currently use a R.S.
discone and a mon 58.

I am considering something directional but not shure what to look for?

I also wanted to know if a standard boat antenna (fiberglass wip) would
work? I'm about 20 miles from the lake.

Lastly, RadioWare lists a high vhf antenna that can be cut for the
specific freqs. any experience with this type and is it directional?

Thanks for any help, Neil
--

N.C.Schultheiss
Detroit, Michigan, USA
ncschult@vela.acs.oakland.edu

5704. Idea for Tracking Trunkin

Newsgroup: rec.radio.scanner
Date: 1994-11-20 06:01:00 UTC
From: bseburn@vaxxine.com
Message-ID: <CzJy1o.28M@vaxxine.com>
Source record: 265248

s > Well, that's the idea - now hit me with your criticisms and
s > recommendations.
s > --
s > Jeffrey
s > {New York}

Well.. here's my "hit". Sounds possible to me. I don't see why any criticisms would be required. Why don't you start working on it, and let us all know how you make out. :-)

Brian..

___ Mountain Reader II - #Demo 001

5705. CORDLESS PHONE RANGE

Newsgroup: rec.radio.scanner
Date: 1994-11-20 12:14:39 UTC
From: glenn.johnson@chrysalis.org
Message-ID: <9411201214.0H78L01@chrysalis.org>
Source record: 265326

>>>> I am attempting to increase the range of a cordless phone. I am primari
>>>> concerned with range OUTSIDE the house, and 900 Mhz still doesn't cut it
>>>> First, how much transmitting power do these things have? Also, is it
>>>> possible/legal to mount an outside antenna?

Not sure on legalities, so check w/ FCC office.
(you'd hate to get a fine)

NE>>>I've heard 900 mhz phones usually have better range than their 46 mhz
NE>>>cousins.

True, due to the characteristics of the band - see technical
papers/books at the library for more info

I don't think it's illegal to mount your cordless phone
NE>>>antenna outside,

??

bit I don't know how much good it will be creating
NE>>>a larger antenna, considering the high frequencies these phones
NE>>>operate on.

The frequency doesn't matter... you can construct high gain antennea
that will dramatically improve the performance (but check the laws)
I think that 'can not cause interference' clause will get you.
The disadvantage is cost - the higher the freq, the higher the loss in
coax cable....

I do suspect you would be violating an FCC rule, if you
NE>>>decided to create some monster amplifier of 1000 watts, transmitting
NE>>>your phone call all over the county.

:)

NE>>>But on my RS-PRO-2006 scanner, I have heard cordless phone conversations
NE>>>on 46 mhz, that I knew were over 2 miles away, since they said their
NE>>>addresses. But that is the exception.

Cordless phones have an output of 200mw MAX. the antenna is a 1/4 wave
half dipole and offers no gain. same goes for the base. So the range to
link is much lower than a super het receiver to listen.
Build or buy a directional or 'beam' antenna (similar to a tv ant)
and see how for you can pick them up! Add a preamp - farther!
put the antenna higher... more!

Radio's neat stuff!

Glenn Johnson
KB5VQI
Fort Worth Tx

 SLMR 2.0 Press any key to continue or any other key to quit

5706. BLEAK FUTURE FOR SCAN

Newsgroup: rec.radio.scanner
Date: 1994-11-20 12:14:39 UTC
From: glenn.johnson@chrysalis.org
Message-ID: <9411201214.0H78R01@chrysalis.org>
Source record: 265327

NE>>>>Chris,
NE>>>> Whether or not people monitoring police radio traffic can prevent abuse
NE>>>>of police power, it is interesting to know that MDT transmissions can be
NE>>>>intercepted and displayed or printed. For less then US$2000. you can put
NE>>>>the system together. You can also do the same with alpha-numeric pager
NE>>>>transmissions. Of course, that is illegal.

I think only scambled satellite and cellular are the only restricted
receiving areas.
I what you do with what you hear, more that *if* you hear it.
ex:
You'll get in trouble for 'fire-truch chasing'
but you'll never get in the way by monitoring.

>>>Monitor Police MDT traffic ?, for $2000. Tells us more? Like how did they
>>>get around security features like encryption etc etc?

>>>I'd like to how and for only $2000.

>>>Greg

I can be had for less - "i've heard" that you can use a standard pc,
a scanner, and an interface box (basically a packet decoder - FSK)
the boxes are around $100-$200. Most MDT's are not encrypted.
but at 16 digit code will decrypt. (software in place will do this,
but takes time to find the key) 'they' use the DES standard algo,
but subject to change and availability.

Watch the market, it will become available. (then soon to be outlawed)

Glenn
KB5VQI

• SLMR 2.0 • Backup not found: (A)bort (R)etry (P)anic

5707. Do police use DIGITAL TRANSMISSIONS?

Newsgroup: rec.radio.scanner
Date: 1994-11-20 12:17:08 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3aneo4$7l4@hal9000.apana.org.au>
Source record: 265395

Can anyone tell me if their local police department use digital transmissions at all? (Cannot be understood on scanner!)

I am just wondering if digital is used much throughout the world.

5708. Anyone in Adelaide that usesa scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-20 12:21:27 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3anf07$7lr@hal9000.apana.org.au>
Source record: 265394

Is there anyone in Adelaide, Australia that uses a scanner and would like to chat online with me about scanners?

If so, or if anyone from ANYWHERE wants to chat online about scanners then just send me a quick letter back.

Hope to hear from you all soon...

Matthew

matthew@hal9000.apana.org.au

5709. pro-2036

Newsgroup: rec.radio.scanner
Date: 1994-11-20 12:45:34 UTC
From: alacy@skew.com
Message-ID: <alacy.51.000CC2D7@skew.com>
Source record: 265330

is there a mod for this? or will regular keyboard test sequences work for this model?
Thanks

al

5710. Re: Alphanumeric handheld scanners?? WHEN?

Newsgroup: rec.radio.scanner
Date: 1994-11-20 13:04:44 UTC
From: Vic <vhealey@crl.com>
Message-ID: <3anhhc$94n@nntp.crl.com>
Source record: 265256

schuster@panix.com (Michael Schuster) wrote:
>
> In article <1994Nov19.181208.113475@daniel>, <hglassma@daniel.drew.edu> wrote:
> >After seeing the posting about the new Uniden/Bearcat scanners, I was
> >disappointed to see that the new handheld scanners still have a
> >standard numerical display.
> >

>
> The AR8000, from AOR, has an alphanumeric display complete with
> 7-character memory/bank labels, signal-strength meter, and primitive
> bandscope.
>
> --
Mike " 7-character memory/bank labels,"?

Does that mean you are limited to seven characters to identify
the channel you are listening to?

Can the bank have a label also and does that display also
at the same time?

Then you could have

Police
Cobb f1
460.375 on the display? Or does this replace the actual
frequency with a label?

Vic

5711. AR8000 Alphanumeric labels

Newsgroup: rec.radio.scanner
Date: 1994-11-20 14:05:03 UTC
From: schuster@panix.com
Message-ID: <3anl2f$aed@panix.com>
Source record: 265257

In article <3anhhc$94n@nntp.crl.com>, Vic <vhealey@crl.com> wrote:

>Mike " 7-character memory/bank labels,"?
>
>Does that mean you are limited to seven characters to identify
>the channel you are listening to?

Yes. I use tricks like mixtures of upper and lower case in order to avoid having to waste a slot with the space character.

>Can the bank have a label also and does that display also
>at the same time?

If you assign an alphanumeric label it is displayed whenever that item is accessed or displayed as a possible choice.

SEARCH banks can be labelled (e.g. call the bank having 46.61 - 46.97 @ 200 KHz "CORDLSS")

Individual MEMORY channels can be labelled. (label memory channel A01 as "SIRTops")

Scan MEMORY BANKS cannot be labelled as a group.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5712. Re: AR8000 Alphanumeric labels

Newsgroup: rec.radio.scanner
Date: 1994-11-20 15:19:19 UTC
From: Vic <vhealey@crl.com>
Message-ID: <3anpdn$erv@nntp.crl.com>
Source record: 265259

schuster@panix.com (Michael Schuster) wrote:
>
> In article <3anhhc$94n@nntp.crl.com>, Vic <vhealey@crl.com> wrote:
>
> >Mike " 7-character memory/bank labels,"?
> >
> >Does that mean you are limited to seven characters to identify
> >the channel you are listening to?
>
> Yes. I use tricks like mixtures of upper and lower case in order to avoid
> having to waste a slot with the space character.
>
> >Can the bank have a label also and does that display also
> >at the same time?
>
> If you assign an alphanumeric label it is displayed whenever that item is
> accessed or displayed as a possible choice.
>
> SEARCH banks can be labelled (e.g. call the bank having 46.61 - 46.97 @
> 200 KHz "CORDLSS")
>
> Individual MEMORY channels can be labelled. (label memory channel A01 as
> "SIRTops")
>
> Scan MEMORY BANKS cannot be labelled as a group.
>
>
Bummer .
i guess the limit is based on 1234.567 mhz for freg display
If you have a label displaying instead of freq. how do you
find out what the freq under it is?

It would seem that tthe aor8000 would actually display a freq
all the way to 1234.567x MHZ because it resolves to 50 hz according
to this flyer I recieved.

Did you buy the computer interface? I travel alot in my work and I thought
meaningful alphanumeric lables would help when I get
in areas I don't frequent since I can never remember what I
programed a given frequency for.

If you have the ci how long does it take to reprogram all 1000
memories?

Does this scanner have a search lockout list like the aor 1000 did for each search bank. That effectively gave the aor 1000 2000 memories, 100 per search bank plus the regular 100 memories per scan bank. You couldn't handle the extra items in the same way you would in scanning but you could recall those suckers and while they were displayed you heard any activitty on that frequency.

Vic ki4je

5713. WANTED: Pro-37, 39 or 43 SCanner!

Newsgroup: rec.radio.scanner
Date: 1994-11-20 17:04:33 UTC
From: roebuck@infi.net
Message-ID: <3anvj1$a7h@lucy.infi.net>
Source record: 265260
Cross-posted to: misc.wanted,alt.radio.scanner,rec.radio.scanner

The Subject says it all! Anyone who is looking to sell the above mentioned
item, let me know. Include all stats and asking price! Thanks!

--
My Escape From Unresourceful Thought is Illuminated Through
My Knowledge of the Progression on the Enlightened Path.
- S. Timothy Roebuck
>> roebuck@infi.net

5714. I think I am here

Newsgroup: rec.radio.scanner
Date: 1994-11-20 17:28:33 UTC
From: rwilkie@midearth.system-ent.com
Message-ID: <298@midearth.system-ent.com>
Source record: 265344

[No readable article body recovered]

5715. Re: Calif. Cellular Telephones: Price =

Newsgroup: rec.radio.scanner
Date: 1994-11-20 17:37:45 UTC
From: marmel@netcom.com
Message-ID: <marmelCzKuAx.23n@netcom.com>
Source record: 265262
Cross-posted to: alt.2600,rec.radio.scanner,misc.legal,la.general

KDAHLQUIST@DELPHI.COM (KDAHLQUIST@news.delphi.com) wrote:
: You must understand that the cellular prices in CA are regulated...,and
: you cannot get a LOWER price by switching companies. The prices are kept
: artificially high by airtouch and la cellular. (in LA)

: Karl Dahlquist
: kdahlquist@delphi.com

--
marmel@netcom.com

5716. Uniden 8100 Programming Software

Newsgroup: rec.radio.scanner
Date: 1994-11-20 17:50:21 UTC
From: gianotti@aol.com
Message-ID: <3ao28t$7i7@newsbf01.news.aol.com>
Source record: 265271

Try to find a program called SCANMAN. It is shareware and better than what comes with the 8100. Also can try to contact author.

Jacob DeGlopper, EMT-A, Wheaton (MD) Volunteer Rescue Squad
CWRU Biomedical Engineering -- jrd5@po.CWRU.Edu

5717. Need Int'l Broadcasters E-Mail Addresses

Newsgroup: rec.radio.scanner
Date: 1994-11-20 18:09:47 UTC
From: g9153402@huey.csun.edu
Message-ID: <3ao3db$cjd@nic-nac.CSU.net>
Source record: 265272
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Does anyone have other e-mail addresses for international broadcasters?
In November's issue of Monitoring Times, they listed some (I put them
all below). I e-mailed each one, asking information sent to me by
postal mail. I've got back about six or seven replies already, sending
me stuff like their program/broadcast schedule, stickers, and QSL cards.
I'm looking for others.
Berton Corson Northridge,California USA

World Radio Network (satellite feed of international broadcasts)
wrn@cityscape.co.uk

Radio For Peace International (Costa Rica)
rfpicr@nicarao.apc.org

Radio Havana
radiohc@tinored.cu

Radio HCJB (Ecuador)
English Department: english@mhs.hcjb.com.ec
ftp site: nw311.hcjb.com.ec

Italian Radio Relay Service
100020.1013@compuserve.com

Radio Netherlands
3382983@mcimail.com

Radio New Zealand International
adrian@actrix.gen.nz

Radio Sweden
wood@stab.sr.se
70247.3516@compuserve.com

BBC World Service
iac@bbc-ibar.demon.co.uk
World Wide Web: http://www.bbcnc.org.uk

Monitor Radio International (WCSN, WSHB, KHBI)
Letters/Reception Reports: letterbox@csms.com
Technical Questions: letterbox-tech@csms.com
WCSN Station Manager Bob Stessel: stes@wcsn.csms.com
KHBI Station Manager Doming Villar: doming@khbi.csms.com
WSHB Senior Station Manager Ed Evans: cee@wshb.csms.com
QSL Coordinator Judy Cook: judy@wshb.csms.com

Radio Free Europe/Radio Liberty
David Walcutt: walcuttd@rferl.org

Spectrum DX Program at WWCR Nashville
spectrum@overleaf.com
askspectrum@attmail.com
spectrumshow@genie.geis.com

5718. The Radio Listening Spectrum

Newsgroup: rec.radio.scanner
Date: 1994-11-20 18:11:22 UTC
From: g9153402@huey.csun.edu
Message-ID: <3ao3ga$cjd@nic-nac.CSU.net>
Source record: 265273
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

```
THE RADIO SPECTRUM
------------------

This is an approximate look, to help in searching frequencies on a
scanner or shortwave radio. Just be aware, having the right frequency
may not be enough, in tuning to a certain frequency. The time of
day, atmospheric conditions, location, mode you're in (AM, SSB,
Narrowband FM, Wideband FM, etc.), and your equipment, are also equally
important. You'll find most transmissions are broadcasted in Narrow-
band FM. Some main exceptions are shortwave (AM & SSB), commercial AM
radio (AM), commercial FM radio (Wideband FM), television (Wideband FM),
citizens band radio (AM & SSB), aeronautical communications (mostly AM),
and some military VHF/UHF (Wideband FM). Most all scanners will pick a
default mode for you, depending on what frequency band you are in. But
many scanners also let you manually switch between modes (AM, FM, etc.)
and frequency search spacing (5 khz, 12.5 khz, etc.) if the default modes
are not correct. Happy Listening!!!

FREQUENCY USES/SERVICES
(in Megahertz unless
otherwise indicated)
---------------------- ----------------------------------------------

10 - 150 khz Military/government, submarine
(.01 - .15 MHz) communications.

150 - 535 khz Longwave Band, beacons, foreign broadcasts,
(.15 - .535 MHz) maritime.

535 - 1700 khz Your standard AM radio dial.
(.535 - 1.7 MHz)

1.7 - 30 Shortwave/High Frequency Band. Broadcasting,
two-way government, military and commercial
communications, amateur radio, CB radio (approx.
27 MHz), others.
Shortwave - Approx. Range Meter Band
1.8 - 2.0 160*
2.3 - 2.495 120
3.2 - 3.4 90
3.5 - 4.0 80*
3.9 - 4.0 75
4.75 - 5.06 60
5.9 - 6.2 49
7.0 - 7.3 40*
```

7.1 - 7.35 41
9.4 - 9.9 31
10.1 - 10.15 30*
11.6 - 12.1 25
13.57 - 13.87 22
14.0 - 14.35 20*
15.1 - 15.8 19
18.068 - 18.168 17*
17.48 - 17.9 16
18.9 - 19.02 15
21.0 - 21.45 15*
21.45 - 21.75 13
24.89 - 24.99 12*
25.6 - 26.1 11
28.0 - 29.7 10*
(In general, the lower shortwave frequencies
<higher meter band> are received better during
the night, while higher frequencies are re-
ceived better during the day. There are also
some amateur radio bands between many of these
shortwave bands(*). Consult a shortwave guide
for more detailed information.)

30 - 50 Very High Frequency Band. Government, business,
walkie-talkies. Also, cordless phones and
'baby monitors' found about 46 - 49 MHz.

50 - 54 Amateur radio 6 meter band.

54 - 72 TV Channels 2-4.
Channel 2 Audio (Wideband FM) 59.75
Channel 3 Audio (Wideband FM) 65.75
Channel 4 Audio (Wideband FM) 71.75

72 - 76 Manufacturing, remote control, eavesdropping
bugs, etc.

76 - 88 TV Channels 5-6.
Channel 5 Audio (Wideband FM) 81.75
Channel 6 Audio (Wideband FM) 87.75

88 - 108 Your standard FM radio dial.

108 - 136 Aeronautical communications (AM).

136 - 138 Satellites.

138 - 144 Military communications.

144 - 148 Amateur radio 2 meter band.

148 - 150.8 Military use.

150.8 - 174 Business, highway, law enforcement, government, weather, maritime.

174 - 216 TV Channels 7-13.
Channel 7 Audio (Wideband FM) 179.75
Channel 8 Audio (Wideband FM) 185.75
Channel 9 Audio (Wideband FM) 191.75
Channel 10 Audio (Wideband FM) 197.75
Channel 11 Audio (Wideband FM) 203.75
Channel 12 Audio (Wideband FM) 209.75
Channel 13 Audio (Wideband FM) 215.75

216 - 220 Maritime and aeronautical.

220 - 222 Land mobile communications.

222 - 225 Amateur radio.

225 - 400 Military aviation and space.

400 - 406 Military and government.

406 - 420 U.S. Government.

420 - 450 Amateur radio.

450 - 470 Ultra High Frequency Band. Business, industry, military, fire, government.

470 - 512 TV Channels 14-20, shared with law enforcement.

512 - 824 TV Channels 21-69, others.

824 - 849 Cellular telephones (receivers/handsets).

849 - 851 Aeronautical telephones (ground-based towers).

851 - 866 Business, public safety, trunked systems.

866 - 869 Public safety, law enforcement, trunked systems.

869 - 894 Cellular telephones (towers).
Note: Even though listening to cellular telephone calls is technically illegal in the United States, one will usually do better listening to calls on the tower frequencies, as opposed to the handset frequencies. This is because most cellular phones transmit less than one-watt of output. So unless the cellular phone is very close to you, you will have much more luck scanning the more powerful towers, which transmit/receive for each cell site.

894 - 896 Aeronautical telephones (handsets).
Note: In scanning airplane telephones, you will usually do better listening to the handset

frequencies, instead of the tower frequencies, unless you are very near a ground transmitter. But, in any event, call traffic heard on handset frequencies (which are transmitted from a high-powered transmitter on the aircraft) you may hear nothing at all, or many conversations, depending on your location and time of day.

896 - 901 Private land mobil units.

902 - 928 Land mobile, amateur radio, personal communication units, cordless telephones.

928 - 932 Radio paging.

935 - 940 Business radio.

941 - 944 Government and non-government fixed services.

944 - 952 Broadcasters' studio-to-transmitter links.

952 - 960 Private fixed services, paging.

960 - 1240 Aeronautical navigation.

1240 - 1300 Amateur radio.

1300 - 1350 Aeronautical navigation.

1350 - 1400 Radio location.

1400 - 1427 Radio astronomy.

1427 - 1429 Point-to-point, mobile, space.

1429 - 1660.5 Various satellite transmission uses.

1660.5 - 1668.4 Radio astronomy.

1668.4 - 1700 Meteorological aids.

1700 - 1850 Meteorological satellites, U.S. Government.

1850 - 1990 Fixed point-to-point, microwave.

1990 - 2110 Broadcast studio-to-transmitter links.

(end)

5719. Re: AR8000 Alphanumeric labels

Newsgroup: rec.radio.scanner
Date: 1994-11-20 18:34:39 UTC
From: schuster@panix.com
Message-ID: <3ao4rv$2bh@panix3.panix.com>
Source record: 265274

In article <3anpdn$erv@nntp.crl.com>, Vic <vhealey@crl.com> wrote:
>schuster@panix.com (Michael Schuster) wrote:

>If you have a label displaying instead of freq. how do you
>find out what the freq under it is?

The frequency is ALWAYS displayed.
If you have programmed an alphanumeric label as well, it is displayed
SIMULTANEOUSLY on a lower line of the display. If you have not programmed
an alphanumeric label, that line is blank. This is a multi-line dot matrix
display, and there is plenty of room to show you everything.

>Did you buy the computer interface? I travel alot in my work and I thought
>meaningful alphanumeric lables would help when I get
>in areas I don't frequent since I can never remember what I
>programed a given frequency for.

I'm not going to buy the computer interface until there is decent software
support (i.e. there is something to **DO** with it - other than post to
the net that I have the computer interface and you don't). :-)

Programming alpha labels is VERY tedious using the bare scanner. You use
the arrow keys as a cursor and scroll through the entire ASCII and Kanji
alphabets using the rotary encoder knob on top.

>If you have the ci how long does it take to reprogram all 1000
>memories?

Don't know.

>Does this scanner have a search lockout list like the aor 1000 did for
>each search bank. That effectively gave the aor 1000 2000 memories,
>100 per search bank plus the regular 100 memories per scan bank. You couldn't
>handle the extra items in the same way you would in scanning but
>you could recall those suckers and while they were displayed you
>heard any activitty on that frequency.

Yes, you can lock-out ("pass") search frequencies and memory channels.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5720. All Pro-51 MODS

Newsgroup: rec.radio.scanner
Date: 1994-11-20 18:40:00 UTC
From: bjohnson@nyx10.cs.du.edu
Message-ID: <3ao560$dcg@nyx10.cs.du.edu>
Source record: 265325

Ok, I saw all the mods for the 51 going around, but I had a 25 at the time. So I just bought my 51, and want to know if someone has all the mods in a text file??? or something??

--
Bruce Johnson 14153452353
bjohnson@nyx.cs.du.edu Join Fighter Duel Pro 2 Tourney

5721. es ill eagle

Newsgroup: rec.radio.scanner
Date: 1994-11-20 19:00:16 UTC
From: jdavis@NeoSoft.com
Message-ID: <3ao6c0$so7@uuneo.neosoft.com>
Source record: 265328

[No readable article body recovered]

5722. Re: AR8000 Alphanumeric labels

Newsgroup: rec.radio.scanner
Date: 1994-11-20 19:00:49 UTC
From: Vic <vhealey@crl.com>
Message-ID: <3ao6d1$n45@nntp.crl.com>
Source record: 265329

schuster@panix.com (Michael Schuster) wrote:
>
> In article <3anpdn$erv@nntp.crl.com>, Vic <vhealey@crl.com> wrote:
> >schuster@panix.com (Michael Schuster) wrote:
>

> >Does this scanner have a search lockout list like the aor 1000 did for
> >each search bank. That effectively gave the aor 1000 2000 memories,
> >100 per search bank plus the regular 100 memories per scan bank. You couldn't
> >handle the extra items in the same way you would in scanning but
> >you could recall those suckers and while they were displayed you
> >heard any activitty on that frequency.
>
> Yes, you can lock-out ("pass") search frequencies and memory channels.
>

This is a neat feature for those who think about it.
You can within 10 -15 minutes find all the traffic reporters,
planes, helio's etc in a given city by programing tow
search banks 450-451 and 455-456 with limits. Linking those two banks together
and hitting search. Lock out all the immediate garbage or queing channels.
Then as you find each hit, store it and tthen lock it out so
you wouldn't hear it again during tthe search. In a very short time
you will have everyone who transmits something. in a 2 mhz spectrem
even though there is a 5 mhz gap in the area you want to search.
Apply this idea to other services railroads, marine etc.

Regarding the CI to aor 8000 it must come with the ability to
send data to the 8000 and it must come with an interface
to enter that data. To download vast amounts of data just
connect a comm program like procomm 4 win 2.1 and write
a aspic script to do the job with the serial port.

Any language would do the aspic probably would be the easist
to use in a interactive test to start with.

If there is absolutely no software then one could hook
up the 8000 to a serial port. Activate send from the 8000
to send data as a dump to PC4W and capature the data, examine it
as to structure and then write a program that will edit that
structure and send it back thru PC4W to the aor 8000.
This will especailly be easy if the aor8000 dosn't encript
the data or pack it with some compression program.
Just my opinion, I haven't seen anything ofn the computer
interface either other then it will also take data from one 8000 and program
another 8000.

Thanks for the info.

5723. Test Posting. Ignore.

Newsgroup: rec.radio.scanner
Date: 1994-11-20 19:31:29 UTC
From: John Masters <74147.3511@CompuServe.COM>
Message-ID: <3ao86hldv1@mhadf.production.compuserve.com>
Source record: 265263
Cross-posted to: rec.radio.scanner,alt.radio.scanner

This is a test. Please disregard.

5724. Uniden Bearcat 200XLT mod

Newsgroup: rec.radio.scanner
Date: 1994-11-20 19:33:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.1744.3415@the-boss.com>
Source record: 265331

TO :rsharp@paul.spu.edu
FROM : dominic.post@the-boss.com
@SUBJECT:Uniden Bearcat 200XLT mods
Newsgroups: rec.radio.scanner

RS>Mods for BC 200xlt wanted. Thanks much.
Uniden BC200/205 Business Band Restoration

Prior to performing this modification take the following precautions to insure that damage does not occur to any component inside of your Uniden scanner.

A) Try to perform the modification in a low static electricity environment.

B) Avoid wearing wool clothing or walking across a carpet (in low humidity areas) as well as touching your scanner or any component inside the chassis.

Required tools: A small phillips screwdriver and a fine-pointed snipping tool.

MODIFICATION PROCEDURE ----------

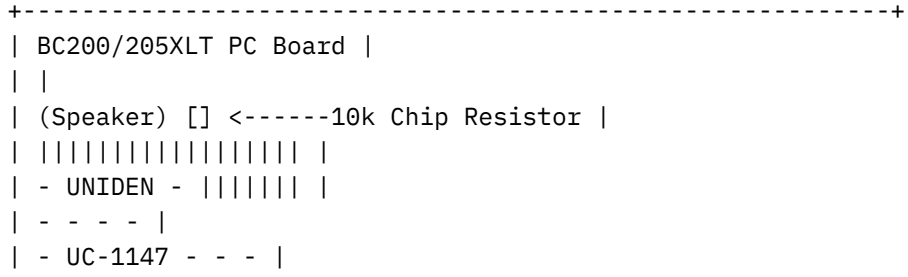
1) Disconnect the antenna and slide off the battery pack from the scanner.

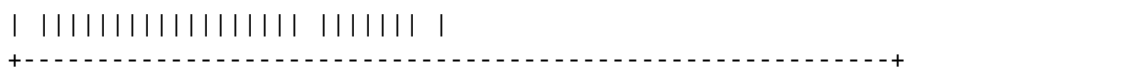
2) Remove the two screws from the back of the scanner plus the two screws that hold the battery pack retaining spring in place as well as the spring itself.

3) Carefully pry the bottom of the rear of the cover from the radio then remove the cover.

4) Locate the two small screws at the base of the circuit board and remove them. Gently pull the front panel from the mainframe at the BASE (the two halves are connected by a plug so their will be some resistance) and separate them.

5) Consult the illustration below and locate the IC labeled "UNIDEN UC-1147" and the 10K chip resistor positioned above the letters "DEN" on the integrated circuit. (The resistor will be color coded brown-black-orange).





6) Using the small wire cutters, cut the resistor in half. (Be careful as the resistor may shatter causing debris to scatter along the PC board). Be sure to remove all left over residue by blowing or brushing it away. The solder pad that the resistor was soldered to may peel up as you remove the resistor. You may peel the pad off if done carefully not to disturb the surrounding area or components.

7) To reassemble insert the top of the front panel into the slot under the volume/squelch control panel while noticing the alignment of the dual in-line connector at the bottom of the board with the mating socket and finally pressing it (the front panel) in place. Be sure that the holes in the PC board line up with the holes in the plastic standoffs under the board.

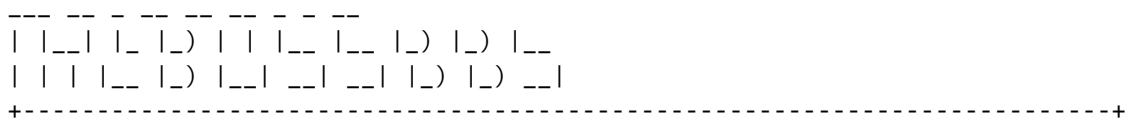
8) Insert the two screws and gently tighten. Replace the back cover by inserting the top of the cover into the slot under the volume/squelch control panel. Press the cover into place, insert and tighten the screws. Replace the battery retaining sprint with the slotted side facing the notched hole. Insert the two remaining screws and gently tighten them. Slide the battery pack into place and switch the scanner on to make sure the display comes on. If not, check that the battery is charged and/or the battery retainer spring is properly mounted or dual in-line connector was misaligned during reassembly. Assuming the modification and the reassembly was successful, switch the scanner on, press manual, 845.0, E and within a couple of seconds you should see the frequency 845.000 MHz displayed. The modification is now complete!

Try it it is very easy to do.....

> dominic.post@the-boss.com <
> f309.n2604.z1.fidonet.org <

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com



5725. Uniden Bearcat 200XLT mod

Newsgroup: rec.radio.scanner
Date: 1994-11-20 19:33:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.1745.3415@the-boss.com>
Source record: 265332

TO :rsharp@paul.spu.edu
From : dominic.post@the-boss.com
@SUBJECT:Uniden Bearcat 200XLT mods
Newsgroups: rec.radio.scanner

RS>Mods for BC 200xlt wanted. Thanks much.

BC200XLT SHORT BATTERY LIFE SOLVED
BC200XLT

It turns out that the batteries were not really at fault; a zener diode which determines the voltage at which the low-battery indicator would come on was defective in some units, causing the circuit to actuate prematurely. Replacing that idode and changing the value of an associated resistor provides the answer.

As shown in the accompanying diagram, zener diode D203 and resistor R208 are the parts in question. D203 should be about 7 volts and R208 should be 150,000 ohms. These are miniature surface-mount devices on double- sided circuit board; if your radio is under warranty, attemping this fix yourself will void that warranty.

SHORT CUT
****THIS IS THE ONE TO USE****

Mark Machcinski of Wyandotte, Michigan, came up with hisw
own solution. He simply soldered a wire bridge across diode
D203, disabling the low battery indicator entirely. The
radio now operates uninterrupted until it blanks out when
the abttery level drops to about 4.5 volts.

Yet another suggestions from a Canadian reader would bridge
the original diode with a 6.8K resistor, defeating the
premature recharge signal, yet preventing the battery from
too low a discharge.

> dominic.post@the-boss.com <
> f309.n2604.z1.fidonet.org <

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

+---+
Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com

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| |__| |_ |_) | | |__ |__ |_) |_) |__
| | | |__ |_) |__| __| __| |_) |_) __|
+---+

5726. Has anyone tried SCANPRO?

Newsgroup: rec.radio.scanner
Date: 1994-11-20 20:25:46 UTC
From: ces@christa.unh.edu
Message-ID: <3aobca$uiu@mozz.unh.edu>
Source record: 265333

Hi folks!

Chris Schoenfeld here from Szechuan Software. I was just conducting
an informal survey to see how many people have tried my shareware program,
Scanpro - A frequency database for 400-channel scanners like the PRO-2006.

I have recently fixed a few bugs in the program and am about to
release version 1.3. Here's some changes since the last version:

Highlight-Bar jumping bug eliminated
(Often the highlight bar and cursor would lose each other
when paging through banks)
Multiple-.scn file capability
(Previously you could only have 1 database file)
Introscreen lock-up fixed
(Fancy red-and-blue flashing lights were locking up older
computers-now they don't flash, you can also disable the
intro screen completely in registered version)
Some input code bullet-proofed
(If you entered an illegal character in search mode, for
example, it would list ALL blank entries - FIXED!)

Before I release I want to add the following:

Prompt for save before loading new file or exiting
Fix printing problem (a bitch, since my dot-matrix is dead!)

(Presently I have no hard-returns in the printing code (bush!)
and you have to set your margins to compensate. It is actually
better to use PrintScreen!)

-Chris Schoenfeld
Szechuan Software

jjj
--
Chris Schoenfeld | "If you have the means, I highly
Communications/Political Science Senior | recommend it."
University of New Hampshire ces@unh.edu | -Ferris Beuler

5727. Re: Is this Canadian pro43 mo

Newsgroup: rec.radio.scanner
Date: 1994-11-20 21:36:32 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Nov20.163632.3092@hnrc.tufts.edu>
Source record: 265335

In article <60.11522.5773.0N1BF6FB@canrem.com>, kevin.maharaj@canrem.com (Kevin Maharaj) writes:
> Can someone tell tell me if this PRO-43 is modifiable for cell. coverage? It's
> a display unit, SN A008276, DOC/MDC 255 B163. The models here in Canada don't
> have a FCC code, just the above. And how does the pro-43 compare with the
> pro-37 which was the scanner I had a couple years ago?
>
That's one reason why I tell people to loot for an A in the model number rather than at the end of the FCC id.
No one has reported being able to modify a 43 with an A in the serial number.

5728. WANTED:

Newsgroup: rec.radio.scanner
Date: 1994-11-20 21:55:44 UTC
From: mmjjmm@post.its.mcw.edu
Message-ID: <3aogl0$lii@post.its.mcw.edu>
Source record: 265336

--
Michael J. Malloy Amateur Radio N9WJV
Medical College of Wisconsin Compuserve 70334,3563
Milwaukee, Wisconsin Internet mmjjmm@post.its.mcw.edu

5729. CHP plane frequency?

Newsgroup: rec.radio.scanner
Date: 1994-11-20 21:58:36 UTC
From: dseitel@crl.com
Message-ID: <3aogqc$3au@crl7.crl.com>
Source record: 265267
Cross-posted to: alt.radio.scanner,rec.radio.scanner

What frequency is the airplane used by the California Highway Patrol on? Is it on the regular CHP frequencies in the 42.xxx range or somewhere else? (They use these planes for speed limit enforcement on I-5 and other places.)

Thanks!

--
David S. Eitelbach | "Psychics will lead dogs to your body."
dseitel@crl.com | --Chinese fortune cookie

5730. WANTED: PRO 2006

Newsgroup: rec.radio.scanner
Date: 1994-11-20 21:58:50 UTC
From: mmjjmm@post.its.mcw.edu
Message-ID: <3aogqq$lle@post.its.mcw.edu>
Source record: 265337

I am interested in purchasing a Pro-2006 in mint or unused condition.
Please send e-mail if you have one ofrsale.
--
Michael J. Malloy Amateur Radio N9WJV
Medical College of Wisconsin Compuserve 70334,3563
Milwaukee, Wisconsin Internet mmjjmm@post.its.mcw.edu

5731. R-7100 Info Wanted

Newsgroup: rec.radio.scanner
Date: 1994-11-20 22:02:34 UTC
From: mmjjmm@post.its.mcw.edu
Message-ID: <3aoh1q$ltn@post.its.mcw.edu>
Source record: 265268

I recently acquired an Icom R-7100. I would like any information on undocumented features or other information that would make this great radio even more fun to use.

Mike
--
Michael J. Malloy Amateur Radio N9WJV
Medical College of Wisconsin Compuserve 70334,3563
Milwaukee, Wisconsin Internet mmjjmm@post.its.mcw.edu

5732. Re: AOR AR1000XLT

Newsgroup: rec.radio.scanner
Date: 1994-11-20 22:05:19 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3aoh6v$mh9$1@mhadf.production.compuserve.com>
Source record: 265342

You may want to wait to see the upcoming Uniden Bearcat BC3000XLT or
the upcoming RS Pro60. The Bearcat will be out next month and the
RS scanner will be out by February.

5733. BC700A

Newsgroup: rec.radio.scanner
Date: 1994-11-20 22:51:13 UTC
From: blangos@wtc34a.DaytonOH.NCR.COM
Message-ID: <1254@wtc34a.DaytonOH.NCR.COM>
Source record: 265343

Anyone have mods for BC700a. Would really appreciate posting of them.

Thanks for the help.

--
Bruce Langos

Bruce.Langos@wtc34a.DaytonOH.NCR.COM
...!uunet!ncrhub!dayhub!wtc34a!blangos

5734. Re: CHP plane frequency?

Newsgroup: rec.radio.scanner
Date: 1994-11-20 23:05:05 UTC
From: edginsf@aol.com
Message-ID: <3aokn1$bgt@newsbf01.news.aol.com>
Source record: 265341

In article <3aogqc$3au@crl7.crl.com>, dseitel@crl.com (David S. Eitelbach) writes:

>What frequency is the airplane used by the California Highway Patrol on? Is it on the regular CHP frequencies in the 42.xxx range or somewhere else? (They use these planes for speed limit enforcement on I-5 and other places.)

>Thanks!

Try 45.02 Ivory TAC, that's what they use in the Bay area.

Edward

5735. Re: canadian frequency da

Newsgroup: rec.radio.scanner
Date: 1994-11-20 23:53:23 UTC
From: shearman@bonk.io.org
Message-ID: <3aonhj$9km@ionews.io.org>
Source record: 265360

Paul Cordingley (paul.cordingley@canrem.com) wrote:
: -=> Quoting Shearman@r-node.io.org to All <=-

: Sh> : Hi:
: Sh> : Does anyone know of a Canadian Frequency Database on disk or cd rom?
: Sh> : Ron

: Sh> Haven't heard of one. A fellow in Toronto just got a full list of
: Sh> Ontario frequencies from the DOC on 9 track computer tape. He had them
: Sh> transcribed onto DOS disks. The file for Ontario alone is 40 meg! And
: Sh> the DOC did nt include the police frequencies... he's applying for
: Sh> those under the Freedom of Information Act and says the Privacy
: Sh> Commissioner has encouraged him!

: Two BBS's you might try are the Ontario DX Association in Toronto and the
: Project X BBS in Brampton. Sorry I don't have the numbers handy but could
: get them if you're interested.

: There is a database called 'Scantrix' which has many Ontario frequencies,
: it's on the BBS I subscribe to and probably on the Project X also. The file
: from the DOC will be on the OXDA board shortly I believe.

The ODXA BBS number is 905-841-6490. The DOC file WAS there, but got
pulled. I haven't checked to see if it's back. I have it, though. The
limited (not the full size DB) Ontario database is 800k zipped and 5 meg
unzipped. It's not all that helpful umless you know Ontario geography...

(Rev.) David Shearman,
Blackstock, Ontario, Canada

5736. Can the BC8500XLT be cellular modded????

Newsgroup: rec.radio.scanner
Date: 1994-11-21 02:42:55 UTC
From: ad178@FreeNet.Carleton.CA
Message-ID: <CzLJJJ.8pu@freenet.carleton.ca>
Source record: 265338

If so I might consider purchasing one........
--
Life's to short to worry... :)

5737. Finding Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-21 02:43:10 UTC
From: jakst44+@pitt.edu
Message-ID: <3ap1fu$sro@usenet.srv.cis.pitt.edu>
Source record: 265345

Hello. I'll start by stating that this is NOT my account. I do not believe that I will write anything "flame-able", but if I do please don't send e-mail to this address. I'm "in-between" accounts right now and do not want to piss my friend off by filling up his disk space with e-mail. Thank you.

Now, on to the subject at hand. Last week I picked up Radio Shack's digital RF Frequency Counter (cat. no. 22-305) for a hundred bucks. I've never used a FC (freq. counter) before because I'm not too into the technical side of electronics. I enjoy my scanner and understand most of what is written on this newsgroup, except for the technical stuff. I've been scanning for about a year and a half now and have been reading this board for about that long and have picked up a lot of info. from here. Now, I figured that a FC would be the perfect thing for finding unpublished frequencies, such as the kind police switch to when they don't want to be heard and they don't have coded radios. The only real problem with using a FC is that you have to be within about a block's distance of the cruiser when it is transmitting. That isn't too difficult, except the police don't use their private channel, channel 4 in my town (Johnstown, PA), all of the time, so I'll need some luck and a few gallons of gas before I finally get it. Sooner or later.

I was wondering is anyone has tried using an FC for this purpose and if they have I'd appreciate any comments or suggestions to be posted. The FC is kinda weird, though. I had it right beside my cordless phone and the base unit and it would not lock on to the freq., but my Pro-43 was picking it up plain as day. Can anyone explain this? Is the signal too weak for the counter, or is it too close to it, or what? When a cruiser was only about 10 yards in front of me transmitting, the FC locked right on to the police frequency. The salesman at Radio Shack had no clue, go figure.
Also, I had the idea of sitting by the repeater tower. Well, we have two different towers for Johnstown. See, we have a county dispatching center that dispatches everything in the county. That's about 25 miles or so from my town, so we have repeaters set-up on the mountains. One tower is for South operations, 453.375, and the other is for Metro, 453.650. You can drive to within 200 feet of the South tower and whenver they talk, dispatch or a cruiser, the FC locks on perfectly. Now, I was about the same distance from the Metro tower and it wasn't locking on to the frequency as well as it did with the South tower. Should I get closer to the tower, like at the base of it, or what? I was hoping that somebody could explain that. The towers are miles apart on different hillsides.

In the Oct. issue of Pop. Comm. on page 4 Optoelectronics advertises their Model 25 Scout. It is like a 'suped-up' FC. It also says that unlike a regular FC, it can differentiate between random noise and coherent RF transmissions. I was wondering if anyone had
used this, and if so, is it a lot better than the FC I got from RS? I don't

really have the $399 for this thing, but it does have more features and if it would work a lot better than a regular FC for my purposes I would consider getting it. Anyways, it is Christmas soon, right? :)

Well, I hope that this has given someone the idea to try this, and if you have done this if you would post with your ideas and opinions.
My name is Matthew Haslett and as I mentioned this is not my account, so please post any replies to this newsgroup rather than by e-mail.

Thank you all in advance.

5738. Re: CHP plane frequency?

Newsgroup: rec.radio.scanner
Date: 1994-11-21 03:13:58 UTC
From: kjn@netcom.com
Message-ID: <kjnCzLKzB.480@netcom.com>
Source record: 265340

Ed G in SF says:
" In article <3aogqc$3au@crl7.crl.com>, dseitel@crl.com (David S. Eitelbach)
" writes:

" >What frequency is the airplane used by the California Highway
" Patrol on? Is it on the regular CHP frequencies in the 42.xxx
" range or somewhere else? (They use these planes for speed limit
" enforcement on I-5 and other places.)

" >Thanks!

" Try 45.02 Ivory TAC, that's what they use in the Bay area.

They also frequent the Blue (42.34) simplex when working special
enforcement along the I-5 corridor and on hwy. 395.

--
Ken

5739. Re: Need Int'l Broadcasters E-Mail Addresses

Newsgroup: rec.radio.scanner
Date: 1994-11-21 03:21:08 UTC
From: g9153402@huey.csun.edu
Message-ID: <3ap3n4$4nd@nic-nac.CSU.net>
Source record: 265339
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

And here are Voice of America's e-mail addresses, off of gopher.voa.gov.

Contacting VOA and Worldnet by Electronic Mail

At this time, only a few public electronic mail addresses are available
for VOA and Worldnet. These are listed below.

We do not maintain a public directory service of electronic mail
addresses for members of our staff and we regret that we are not able
to respond to individual requests for electronic mail addresses.

Publicly Available Electronic Mail Addresses for VOA and Worldnet
==

General Information
----

info@VOA.GOV Electronic mail information server.
Send a message with the contents
"send help" to this address for
instructions on how to use this
service.

letters@VOA.GOV General correspondence to the Voice
of America and Worldnet Television
from outside the United States

letters-usa@VOA.GOV General correspondence to the Voice
of America and Worldnet Television
from the United States

pubaff@VOA.GOV Public Affairs Office for the Voice
of America and Worldnet Television

qsl@VOA.GOV VOA reception (QSL) reports from
outside the United States

qsl-usa@VOA.GOV VOA reception (QSL) reports from
the United States

VOA-Info-Request@VOA.GOV Use this address to request inclusion
in an irregular mailing list of VOA
and Worldnet public announcements.

Specific VOA Programs
----

agri@VOA.GOV Agriculture Today

VOA-Europe@VOA.GOV VOAEurope Service (English)

VOA-Morning@VOA.GOV Worldwide English Morning Program

Broadcasts to Cuba
---

ocb@USIA.GOV Radio and TV Marti

VOA Internet Audio

The following electronic mail addresses are intended for users who have questions or comments regarding the audio files available on the VOA and Worldnet public server.

arabic_program@VOA.GOV Arabic

cantonese_program@VOA.GOV Cantonese

chinese_program@VOA.GOV Standard Chinese (Mandarin)

czech_program@VOA.GOV Czech

english_worldwide@VOA.GOV English worldwide program thread

french_program@VOA.GOV French-to-Africa

hindi_program@VOA.GOV Hindi

hungarian_program@VOA.GOV Hungarian

korean_program@VOA.GOV Korean

polish_program@VOA.GOV Polish

russian_program@VOA.GOV Russian

slovak_program@VOA.GOV Slovak

spanish_program@VOA.GOV Spanish

swahili_program@VOA.GOV Swahili

ukrainian_program@VOA.GOV Ukrainian

5740. PC Display Signal Strength Meter

Newsgroup: rec.radio.scanner
Date: 1994-11-21 03:59:50 UTC
From: starin@netcom.com
Message-ID: <starinCzLn3q.29F@netcom.com>
Source record: 265346

If anyone out there has the Commtronics CE-232 or HB-232 interface I have written a neat little script that uses the OUTBYTE function to create a signal stength meter on your computer display. I'd be glad to share it with anyone who would like it.

While I have your ear - does anyone know of software that will decode paging tones? Or how it can be done?
--
Jeffrey
{New York}

5741. US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-21 05:46:52 UTC
From: Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
Message-ID: <785533542.AA02709@jina.rain.com>
Source record: 265423

On (16 Nov 94) Glenn Hansen wrote to All...

GH> From: glennh@pnw.net (Glenn Hansen)
GH> Newsgroups: rec.radio.scanner
GH> Organization: Pacific Northwest Net
GH>
GH> CHRISTOPHER L. BOES (cboes@osf1.gmu.edu) wrote:
GH> : Andy Domonkos (domonkos@access.digex.net) wrote:
GH> : : In article <cjs9.171.000C60F1@cornell.edu>, Carl Steckler wrote:
: : >
: : > Kent state was National Guard. They have no Constitutional
GH> prohabition on
: : > acting against U.S. citizens as the U.S. military does. But the
GH> thought that
: : > scares the hell out of me is that somewhere someone is thinking about
GH> using
: : > troops to forcibly take our scanners\guns\liberties away. Paranoid
GH> maby, but
GH> : Forget U.S. troops, it is the BATF that we should worry about. They
GH> : kill innocent people every day, just because they legally own guns and
GH> : the BATF arbitrarily decided they should not.

You ought to look into the Night_Shift echo on Fidonet, they have the
same opinions.

Josh

... I feel more like I do now than I did before!

5742. Tracking Cellular Trunking

Newsgroup: rec.radio.scanner
Date: 1994-11-21 05:50:46 UTC
From: robert1159@aol.com
Message-ID: <3apcfm$gk4@newsbf01.news.aol.com>
Source record: 265349

Was passing through and area of a SWAT situation. The command van was parked and they were negotiating with a man holding up in a house. Anyway the cellular conversations kept trunking among 4 frequencies. What was unusual is that it kept going only to these 4 frequencies during an hour long standoff. One was used much more than the other 3 but it would stay on that frequency for only about 20 seconds and then switch to one of the others.

My question is: Can they purposely program the phones in that van to trunk?
They might want to do that to discourage monitoring but I would think it would get annoying. I tend to think it was just a bad location that happend to be between two cells.

5743. Re: Use TV antenna to receive UH

Newsgroup: rec.radio.scanner
Date: 1994-11-21 08:04:10 UTC
From: KDAHLQUIST@news.delphi.com
Message-ID: <3apk9q$cs6@news2.delphi.com>
Source record: 265350

If it is pointed in the right direction, it could be great to use. It looks like your from Hong Kong...Do you know if the freqs you want to monitor are repeated on the same mountains as your UHF television stations??? You could be
in business.

Karl Dahlquist

5744. Re: Rolling Stones Freq???

Newsgroup: rec.radio.scanner
Date: 1994-11-21 08:12:20 UTC
From: KDAHLQUIST@news.delphi.com
Message-ID: <3apkp4$d8s@news2.delphi.com>
Source record: 265351

You might try contacting someone on the tour. They may be hanging our on rec.music.rolling-stones or something like that. They have been posting near daily stuff on the Delphi system.

I went on tour with them for a week on Steel Wheels as security. You will want the building security frequencies and police frequencies. Also, the band will have 6 to 12 frequencies in use. The band should have two security teams with them, a peer security team which works with local venue, police and fire., and a "bodyguard" type security team. The bodyguards are with the band at all times, and are usually on-duty, tour assigned police officers. I remember that LAPD had some officers with the Stones for Steel WHeels. I would presume that peer security would have 460-465Mhz radios, they might be scrambled, but without a repeater, the building dynamics may prevent scrambling. The key to any action will be the venue security, and venue police tactical freqs. If you have a chance, ask a technician in a NEWS VAN. They are scanner gurus.

Karl Dahlquist
kdahlquist@delphi.com

5745. Frequency inversion and other encryption

Newsgroup: rec.radio.scanner
Date: 1994-11-21 08:25:26 UTC
From: v078l3eg@ubvms.cc.buffalo.edu
Message-ID: <CzLzEE.24D@acsu.buffalo.edu>
Source record: 265352

Does anyone know where I can buy something to encrypt audio with frequency inversion or listen to something that is using frequency inversion or some similar encryption? someone posted something about a place where I could buy one, but I lost the posting. Any information would be greatly appreciated!
Thanx
Thomas

5746. Rolling Stones Freq???

Newsgroup: rec.radio.scanner
Date: 1994-11-21 08:55:28 UTC
From: Tillek@wings.network.com
Message-ID: <Tillek-2111941455280001@dialup-5-89.gw.umn.edu>
Source record: 265334

Just found out that the Voodoo Lounge tour will be coming to the twin cities and was wondering if there was anyone out there who knew the frequencies used on the tour.

-Keith

5747. Re: Let's get some support from the new Congress

Newsgroup: rec.radio.scanner
Date: 1994-11-21 09:06:29 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov21.090629.25880@hpcvaac.cv.hp.com>
Source record: 265347
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

edmc@interaccess.com (Edward McNamara) writes:
:
:Maybe you are right. Or maybe seeing how easily they can be thrown out of
:office will make *all* politicians more responsive to citizens who care
:enough to write.

Actually, although the power has changed in Congress, there were not
actually that many politicians who "got thrown out". Remember that there
were some Republicans who lost, as well.

I doubt if they will remember us for long - probably up until the time
of the first vote they cast.

Bill

5748. Re: Military callsigns

Newsgroup: rec.radio.scanner
Date: 1994-11-21 09:09:34 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov21.090934.26094@hpcvaac.cv.hp.com>
Source record: 265348
Cross-posted to: rec.aviation.military,rec.radio.scanner,alt.radio.scanner

n9315@pnet16.navy.mil (Et2 Rich Sheff) writes:
: I doubt you'll get much of a response from people who currently work in
: areas, as to do so would very possibly be against various regulations.

He is not asking for military aid. As such, the military's silly
regulations do not apply.

Bill

5749. Re: Those strings of numbers on SW.

Newsgroup: rec.radio.scanner
Date: 1994-11-21 09:31:43 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov21.093143.26368@hpcvaac.cv.hp.com>
Source record: 265356
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

copeland@metronet.com (Charles Copeland) writes:
:
: Seems a couple of hams could get a fix on the location using telemetry.
:
: Find out the exact degree their antenna points for the strongest signal,
: Using two points of reference, you could draw two lines till they
: crossed, and bingo you know where they are.
:
: Anyone tried?

It has been done. The antennas for at least one of the stations is behind
a tall wire fence in Virginia. I suspect that they are associated with the
US Guvmint.

Bill

5750. Re: Those strings of numbers on SW.

Newsgroup: rec.radio.scanner
Date: 1994-11-21 10:08:34 UTC
From: plmad@primenet.com
Message-ID: <plmad.34.008D7DF6@primenet.com>
Source record: 265369
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <CzECA4.GoH@indep1.chi.il.us> clifto@indep1.chi.il.us (Clifton T. Sharp) writes:

>I remember reading an article in some magazine or another about the numbers
>stations which are females reading five-digit groups in Spanish. The
>article claimed that the author and friends DF'ed the signals regularly
>to a point in or near McLean, VA.

>Don't remember which magazine or even how long ago...

There's an interesting article on this (could there be a _boring_ article on numbers freqs?) in the March 85 Pop Comm: _About the _Spy Numbers_ Transmissions, by Robert M Dyquetta. He pins the American numbers down to the Remington, VA site of the Nat'l Comm System complex. The Cubana b'casts from Bautu, Cuba, and he gives some more sites, along w/ the usual speculation (pretty well-grounded, in this case). He also refers to the Nov 84 issue (which I _don't_ have), w/ the article _Spy Transmissions -- Operational Perspectives.

Paul in Tucson

5751. Re: Help protect me from lightning

Newsgroup: rec.radio.scanner
Date: 1994-11-21 10:11:57 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov21.101157.26775@hpcvaac.cv.hp.com>
Source record: 265357

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
: I would think that a lightning rod would be important if you were doing this.
: By grounding the antennas you are actually making a bunch of lightning rods
: that could not handle a direct strike. A lightning rod mounted above the
: highest antenna would reduce the chance of a strike to the antennas.
: ...where is Gary Coffman when you need him ;-)
:
: Not to confuse the issue, grounding the antennas IS the way to protect your
: radios.

If you look at a lightning rod, you will find it has a sharp point at the top. This is so that it performs its actual function - to bleed off any charge, before it builds up enough to attract a strike. If your lightning rod gets hit, then it is not doing its job.

Bill

5752. Re: Scanners Across the Water, Or, Is Proscribed Technology Importab

Newsgroup: rec.radio.scanner
Date: 1994-11-21 10:28:55 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov21.102855.26846@hpcvaac.cv.hp.com>
Source record: 265358

joenow@delphi.com writes:
: Greg,
: I don't know about all the tech from outside the US but if you
: try and import a scanner that can pick up Cellular Phone (800mhz) freqs
: and you get caught you will have your scanner confiscated and I think
: pay a hefty fine. Of course if you don't get caught you can listen to
: those freqs. A more legal solution is to try and buy an old scanner off
: someone willing to part with it that picks up the 'forbidden frequencies'.

How can they do that? It is not illegal to import such a scanner for
storage or collection purposes. It is just illegal to import them for
sale - and possibly personal usage.

Bill

5753. BC2500 gets Cell. on 23 cm band

Newsgroup: rec.radio.scanner
Date: 1994-11-21 10:42:04 UTC
From: telecom@netcom.com
Message-ID: <telecomCzM5q4.Kvu@netcom.com>
Source record: 265353

few months ago I bought a BC2500XLT with a date code of OGID. Having owned Bearcats previously (the last was the BC200XLT) I was curious to see if a mod. could be made for cellular reception (aka simple resistor cut on BC200).

Thanks to this group, I found the Monitoring Times article (9/93). However, the article mentioned units with date code ending in ID may not be modifiable. Well being the adventurous type (?) I performed the mod. anyway and it was unsuccessful, so I wound up buying the GRE Super Converter II and it worked great.

Last weekend I bought a ARRL repeater directory and was scanning for repeaters in the 23 cm. amateur band (1270-1295 Mhz) and guess what- my BC2500 picks up cellular between 1268-1295 Mhz ! This weekend I drove to Reno with cellular entertainment all the way without the GRE! I wonder if the mod. had anything to do with this? Do I have a "special" unit or are all BC2500's like this? Did I stumble on to something?

Any comments from BC2500XLT users and all?

Dave Sherville, Sunnyvale, CA. EMAIL: dshervil@telecom.com

:q
:q
n
:q
N
:wq

;'elagit]80'ibf;-d/pSan Jose,CA.
:Q
:wq
:q
209oskbda:q
:wq
14 r3 2s-9r58a0ik;lb4d'
`Sherville

5754. Re: AOR AR1000XLT

Newsgroup: rec.radio.scanner
Date: 1994-11-21 10:42:59 UTC
From: kjn@netcom.com
Message-ID: <kjnCzM5s2.FFp@netcom.com>
Source record: 265354

E. Stewart asked:
" I am planning on purchasing a new hand held scanner. I am looking
" at the AOR AR1000XLT. Does anyone out there have any comments
" on this model? How does it compare to the RS Pro-43? What other
" scanners would you recommend over this one?

I have both an AOR1000XLT and a Bearcat 2500. I prefer the search mode
and the 1000 channels of the AOR but the programming is not as
straight forward as on the Bearcat. In fact, it can be quite tedious.

If you might feel the need to monitor wireless mics at concerts or the audio
provided in some movie theaters you'll need the programable WFM mode of the
AOR which the Uniden does not have. The TV audio is also nice on the AOR.

The ONLY thing I dislike about the AOR is a brief hesitation while
scanning, on the last channel in the scan bank... a VERY small issue, I'll
admit but it led me to buy the BC-2500 to use for most casual situtations.

For searching, I'll use the AOR. It's ability to lock out up to 100
specified freqs while searching is a great way to get rid of the few
problem "birdies" that you might encounter. Both radios work very well in
the UHF military aviation band which is where I usually prowl.

The main complaint I have with the Uniden is that it requires a dedicated
battery pack (at around $35.00 a pop) and cannot use AA cells. About the
best I get from the BC-2500 is 5 - 6 hours on a full charge.
For me, this is major complaint!

Both have great sensitivity. I think the selectivity is better on the
BC-2500. Haven't tried a PRO-43.
--
Ken

5755. AOR 8000....can I get one in the US?

Newsgroup: rec.radio.scanner
Date: 1994-11-21 10:49:01 UTC
From: hglassma@daniel.drew.edu
Message-ID: <1994Nov21.104901.113514@daniel>
Source record: 265359

Is the AOR-8000 available in the USA? I called A.C.E. Communications and they said that is was not CERTIFIED for sale in the US. The guy said it may never be certified (by the FCC).

Is this true? Then is it possible to get one in the US at all?

What is the cost? I heard $500.

Thank you!

5756. Re: dropped it

Newsgroup: rec.radio.scanner
Date: 1994-11-21 11:53:31 UTC
From: dpfg@ukc.ac.uk
Message-ID: <5612@rook.ukc.ac.uk>
Source record: 265355

>In <IyhokykXXlMQ073yn@mcs.com> nmorton@mcs.com (Nate Morton) writes:
>>I dropped my PRO-37 yesterday and now it won't work. Any suggestions?

Is it common practice to take out all risks insurance to guard
against this, especially if the scanner is taken out "to the field"?

How do Insurance CO's handle this?

5757. Re: RS PRO-43... new model???

Newsgroup: rec.radio.scanner
Date: 1994-11-21 13:46:58 UTC
From: julian@kesteven.win-uk.net
Message-ID: <118@kesteven.win-uk.net>
Source record: 265382

In article <CzDyBF.GMs@world.std.com>, Jerry Dallal (gdallal@world.std.com) writes:
>Sean Flynn (sflynn@freenet.vancouver.bc.ca) wrote:
>: Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
>: : In article <09gVVc2w165w@west.darkside.com>, effigy@west.darkside.com (the effigy)
writes:
>: : > The scanner is only about a month old, and the salesman(?) at Radio Shack
>: : > said that the Pro-43 had been re-designed to make modifications harder.
>: : > He also said that the one I bought is 'probably' still the old 'easily
>: : > modifiable' version. I've read some rumors to this effect, and that there
>: : > was some way to tell by looking at the model/serial number of the unit...
>: : >
>: : If there's an A in your serial number, you're out of luck--it's not modifiable.
>
>: Just what was changed after they added the A? Did they just hack off
>: the D3-D4 section of the board or was there significant rewiring? If
>: you had a PRO-43 with an A in the serial, could you put a diode in
>: across one of the leads somewhere (it probably wouldn't be as secure or
>: good as if done with an older model, but if you are just trying to "force"
>: the scanner to pick up cellular, lets say) or would you have to build
>: a whole new circuit board? (and if you're building the board, how big
>: would this board have to be - what stuff would need to be on it?)
>
>I wish I could help you. All I can say with certainty is that no one has
>reported modifying a 43 with an A in the serial number.
>

If anyone has schematics for the two versions, it would be
interesting to compare them. If anyone out there can image-scan one
and mail a mono bit-map or other windows-compatible format as a
binary, it might be worth a go.

In the UK, Radio Shack sell through Tandy stores. If they sell the
PRO43, it'll probably get 800MHz already. I'll check (unless someone
already knows).

Julian

5758. Re: Advice: A good desktop model

Newsgroup: rec.radio.scanner
Date: 1994-11-21 13:48:03 UTC
From: hmarq@interaccess.com
Message-ID: <3aq8ej$h1h@nntp.interaccess.com>
Source record: 265362
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Chris Brewster (cb@cray.com) wrote:
: David Schwartz writes:

: I don't think you can beat the FRG-100 for the money in the table-top
: range. The sensitivity is excellent ...

: In this price range, the original poster should also consider the Lowe
: HF-150. The two sets have different (almost complementary) strong and
: weak points.
: --

: Chris Brewster Cray Research, Inc.

I'll second the Lowe 150, had one for two years, performs like a champ
.. but if you like knobs, buttons, displays and switches look elsewhere ;)

Hank

5759. Re: Tracking Cellular Trunking

Newsgroup: rec.radio.scanner
Date: 1994-11-21 14:09:23 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.194.00082847@chevron.com>
Source record: 265368

In article <3apcfm$gk4@newsbf01.news.aol.com> robert1159@aol.com (Robert1159) writes:

>Was passing through and area of a SWAT situation. The command van was
>parked and they were negotiating with a man holding up in a house. Anyway
>the cellular conversations kept trunking among 4 frequencies. What was
>unusual is that it kept going only to these 4 frequencies during an hour
>long standoff. One was used much more than the other 3 but it would stay
>on that frequency for only about 20 seconds and then switch to one of the
>others.

>My question is: Can they purposely program the phones in that van to
>trunk?

Not likely - keep in mind that handoffs are supposed to occur whenever the system deems it necessary. The network initiates handoffs and channel assignments. The phones only follow instructions. About the only thing that a phone initiates on it's own is "registration" and dropping calls when it loses SAT.

If the call was handing off between two sites, or two sectors within a site, it would normally remain on just a couple of frequencies if the site wasn't real busy. If each site or sector had one channel set you would be working with about 30 possible channels or less.

> They might want to do that to discourage
>monitoring but I
> would think it would get annoying. I tend to
>think it was
> just a bad location that happend to be between
>two cells.

It's not supposed to be annoying. The phones are supposed to mute the data bursts so that handoffs are transparent to the user. Some networks are better at it than others. It should never sound as nasty on the phone as it does on you scanner.

I would think you are right in guessing that the call(s) was handing off between two sites or sectors.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

5760. Re: Marine Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-21 14:23:05 UTC
From: julian@kesteven.win-uk.net
Message-ID: <119@kesteven.win-uk.net>
Source record: 265383

In article <3am31f$qh6@usenet.INS.CWRU.Edu>, John J. Udvari (fk192@cleveland.Freenet.Edu) writes:
>
> I have a question about marine frequencies. The list that I
>have goes from channel 1 to 28 (156.050 -157.400 in .050 steps)
>and from channel 60 to 88 (156.025-157.425 in .050 steps).
>What happened to channels 29 to 59? Are they not used?
>Also anyone have any frequencies used by cruise ships around the
>U.S. Virgin Islands. I will be spending a few weeks at a friends
>home and will be in sight of many of the ships as they come into
>the island of St. John.
>
>John Udvari
>fk192@cleveland.freenet.edu
> or
>wb8vpa@barf80.nshore.org
>

My reference is The UK Scanning Directory
ISBN 0 9519783 2 2

As the marine band is essentially international, the info should be
OK for the US also.

156.0000-156.7500 channels 00 - 15 50Khz step
156.0250-156.7250 channels 60 - 74 50Khz step
156.7625-156.7875 Guard Band (channel 75)
156.8000 channel 16 -
distress/safety/calling coastguard
156.8125-156.8375 Guard Band (channel 76)
156.8500-158.5000 channels 17 - 50 50Khz step
156.8750-158.5250 channels 77 - 110 50Khz step

Many of these channels are worked duplex, the above freqs being
base, with the mobiles between 160.6000-163.1250.

Hope this helps.

Julian

5761. Re: BC2500 gets Cell. on 23 cm band

Newsgroup: rec.radio.scanner
Date: 1994-11-21 15:09:47 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3aqd7r$j05$1@mhade.production.compuserve.com>
Source record: 265361

All BC2500XLTs and BC8500XLTs get cellular images between 1270 and 1294MHz. The images are approx 399MHz higher than the fundamentals. I'd hope that the upcoming BC3000XLT (December) and BC9000XLT (January) will have the same capability. <g> Getting cellular images in a triple conversion receiver isn't all that rare... the new RS Pro2035 gets cellular images in the low 1100MHz range.

-Jeff, CIS HamNet

5762. Re: pro-2036

Newsgroup: rec.radio.scanner
Date: 1994-11-21 15:13:05 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3aqde1$j05$2@mhade.production.compuserve.com>
Source record: 265363

The Pro2036 is a straight Bearcat BC890XLT, and a late-model one
at that. It won't be modifiable either by keypad or surgery. Naturally,
cellular images will come in loud and clear from 894.0125 thru 915.6MHz.

-Jeff

5763. Need Freq for East Coast

Newsgroup: rec.radio.scanner
Date: 1994-11-21 15:37:27 UTC
From: Linehan@hps.sso.loral.com
Message-ID: <1994Nov21.153727.23051@wdl.loral.com>
Source record: 265364

I am driving to Florida for Thanksgiving. Does anyone out there have the state police freq's for the following states?

Virginia
North Carolina
South Carolina
Georgia
Florida

Please post or send to
linehan@hps.sso.loral.com

Thanks in advance,
David

5764. BearCat Scanners

Newsgroup: rec.radio.scanner
Date: 1994-11-21 15:53:59 UTC
From: kodiak@ksu.ksu.edu
Message-ID: <3aqfqn$8c0@abc.ksu.ksu.edu>
Source record: 265365

I'm looking to buy a BearCat Scanner. I like the features of the 2500, what's this guy usually run? I've seen the BC 150(?) sport model at best buy, 100channels, for $200. Is this a replacement for the 100xlt? Supposedly it picks up cellular without mods, is this correct? Is there a similar replacement for the 200, w/200 channels? How much is it going selling for?

I'm also looking at getting my No-Code License in the Spring. Should I be looking at HT's with scanning capabilities? Or will I be better off picking up a scanner and a HT?

Thanks for any info.

/* Bryan Nehl
Network Technician, IET, 913.532.6270, bnehl@oz.oznet.ksu.edu
kodiak@ksu.ksu.edu, irc zenoso, http://www.ksu.edu/~kodiak/ */

5765. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-11-21 16:10:04 UTC
From: bigmoutch@blah.org
Message-ID: <3aqgos$8tn@bcarh8ab.bnr.ca>
Source record: 265367
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

In article <russ-18119423063800001@userlab.tor.hookup.net>, russ@userlab.com (Russ Brown) writes:
|> A friend was talking on the phone (here in Toronto) and said "that would
|> be as stupid as selling tritium to the Iraqi's". "They" were at his
|> office a few days later to "question" him about his involvment with the
|> Iraqi's.
|>
|> --
|> Russ Brown, Ph.D. You can get much further with a
|> Usability Consultant kind word and a gun than you can
|> russ@userlab.com with a kind word alone.
|> Fone: 416-489-3840 -- Al Capone
|> Fax: 416-489-9957

"They" are the CSE, the equivalent of the US's NSA. What a bunch of boneheads!

--
Disclaimer: My employer wants me to make it clear that the opinions expressed by me are mine alone.

5766. Info on Cellular Technology

Newsgroup: rec.radio.scanner
Date: 1994-11-21 16:59:21 UTC
From: mlfowler@lfs.loral.com
Message-ID: <19941121.115921.171@lfs.loral.com>
Source record: 265370

I'm looking for recomendations on books and articles that provide info on the technology used for current cellular phone systems. Things I'm interested include modulation types, signaling protocals, spectrums, bandwidths, propagation effects such as multipath, etc.

I know of several books that are published by Artech House... anybody familiar with them?

Any leads would be greatly appreciated. Thanks.

Mark Fowler
Loral Federal Systems
Owego, NY

5767. Re: Cordless Phone Range

Newsgroup: rec.radio.scanner
Date: 1994-11-21 17:05:28 UTC
From: rats@ihlpm.ihsam.att.com
Message-ID: <CzMnH4.3Il@nntpa.cb.att.com>
Source record: 265386

```
|I've seen their product and as far as I am concerned it is designed to look
|cool and that's it. Usually the problem wiht 800mhz signals is not that that
|they are too weak, it is that you have intermod and other trash around.
|An antenna that offers gain is not that useful on local stuff, and it is
|not clear to me that the antennas really offer gain. Again, they
|are designed to look cool.

It depends where you are in relation to the cellular towers; one of the
best units for 800 Mhz use in the 'burbs is the Rat Shack double bow-tie
indoor UHF antenna turned 90 degrees on it's side and fed into a CATV
300-to-75 ohm matching transformer to be fed into your scanner
input...
```

5768. Activity in 72-76 Mhz Range

Newsgroup: rec.radio.scanner
Date: 1994-11-21 17:35:30 UTC
From: domonkos <domonkos@access.digex.net>
Message-ID: <3aqlp3$fmq@news1.digex.net>
Source record: 265366

Searching between 72 - 74 Mhz netted some local voice pagers. I've locked on to at least three with moderate signal strengths. They seem very personal (non-comm) in nature. Anyone else hear these and are there presonal pagers used in the USA or are these bootleg.

Andy

5769. Do You Want Fries With That?

Newsgroup: rec.radio.scanner
Date: 1994-11-21 18:14:25 UTC
From: jim@ttech.com
Message-ID: <jim-211194101425@jimsmac.ttech.com>
Source record: 265389

Could someone please explain to me the recent fascination with scanning fast food restraunts? I really don't get it! There are certainly alot better things to scan!

I will have 4 Whoppers, 5 large orders of fries, and three chocolate shakes.

Is that for here or to go?

I will eat it in my car.

Thattal be $21.00.....Please pull forward.....

+-jim
jim@ttech.com

```
*******************************************************************************
/~~~~\ /~~~~~~~\
/ V~\ -Whoah! That was cool! ( |
| | ( |
| | We're like at the end ( \\\ |
|/~~\ /~~\| of the page and stuff- ~~~~~~\ |
| ~ ~~ ~ | | | |
{ {O} |{O} }-Dammit Beavis! That | / | |
| | | part sucks! O O } |
| / \ | / \ |
| ^\/^ | Oh yeah- /_o) \|
| /++\ | |____ |
\ \__/ / -But the rest was cool _____\ |
\ / \____ |
| | Yeah,yeah...cool- \ |
*******************************************************************************
```

5770. Help! 800-Mhz Police Band

Newsgroup: rec.radio.scanner
Date: 1994-11-21 18:19:59 UTC
From: kliste67@vaxa.cis.uwosh.edu
Message-ID: <kliste67-2111941219590001@141.233.130.39>
Source record: 265371

Hey, what's the maximum distance you can listen to 800-Mhz Police freqs.? I live in Appleton, Wis., and would like to hear police in Green Bay, which is about 25 miles away. They have just recently switched to the 800 system, from what I understand. I can hear police transmissions in surrounding villages near G.B. that use the standard 150-Mhz band. I understand how the differences in wavelengths limits your range. I'm using a PRO-51 scanner with a mobile antenna (hey, it DOES help, and it's a lot better than the stupid wick that comes included!). Any help would be tremendously appreciated. Send e-mail. I also have lots of freqs for the Fox Valley area if anybody is interested.

--
Eric Klister | "Sticks and stones will break
University of Wisconsin - Oshkosh | some bones, but a .357'll
kliste67@vaxa.cis.uwosh.edu | blow your damn head off!"
| - Infectious Grooves

5771. College Football

Newsgroup: rec.radio.scanner
Date: 1994-11-21 19:40:14 UTC
From: wfp5p@tigger.itc.Virginia.EDU
Message-ID: <CzMun2.MGE@murdoch.acc.Virginia.EDU>
Source record: 265372

I'm fairly new to scanning and I was wondering if anyone knows if there is much of interest to pick up during a televised college football game? I assume you can get the refs mic, but is that about it?

Anyone know what can be gotten (and any freqs)?

Thanks!

--
Bill

5772. Re: Weather Reports via Scanner & Modem

Newsgroup: rec.radio.scanner
Date: 1994-11-21 19:58:48 UTC
From: ve4mjm@draco.bison.mb.ca
Message-ID: <3aqu5o$9bp@draco.bison.mb.ca>
Source record: 265407

norman@cs.toronto.edu (Norman Wilson) writes:

>Here in Toronto, the Environment Canada broadcast on 162.400 includes a
>periodic data burst. All I know about it is contained in the blurb that
>used to follow it. (I haven't heard the blurb in months, but the data
>burst is still there.)

> The tone you have just heard is a digitized data burst called
> WeatherCopy. WeatherCopy is an innovative service providing
> printed weather information to listeners in the Toronto
> Weatherradio broadcast area.

This service is also available here in Winnipeg. Environment Canada came
out to one of the fleamarkets last year and displayed the WeatherCopy
radio/printer. WeatherCopy is just a printout of the information you hear
in voice. I think they were looking at also enabling the reception of
weather maps and other weather related info.

>The data burst consists of several tones of rapidly increasing pitch,
>followed by several bursts of quasi-white-noise. I would assume that
>the opening tones allow some sort of modem to identify, and hence to
>decode, the data burst that follows.
Quite correct. I think the tones are DTMF tones to open the reciever of
the WeatherCopy radio.

>Norman Wilson
>University of Toronto
>norman@utirc.utoronto.ca

Michael Markmann VE4MJM
ve4mjm@draco.bison.mb.ca

5773. PRO-51 Squelch mod..

Newsgroup: rec.radio.scanner
Date: 1994-11-21 20:42:03 UTC
From: moy@xp.psych.nyu.edu
Message-ID: <9411212047.AA28762@xp.psych.nyu.edu>
Source record: 265374

Hi everyone,

I originally posted the squelch modification for the PRO-51. I'm glad
the modification works with other sets!

My radio does buzz *very* faintly while scanning. However, this
seemed the same volume after the modification as before. It may just
be easy to hear since the set can scan at 100Hz.

I don't think the squelch level should change significantly with this
modification. My radio seems to open squelch at the same setting.

Do make sure the added resistor really is around 100K. I wonder if
you really have a 103K resistor--or is it just *marked* "103," which
would make it a *10K* resistor! A value that is too low *might* upset
squelch threshold--I have to check the schematic.

Sorry about the pagers. If you're desperate, you might try listening
to the image of the *desired* signal. The PRO-51 is susceptible to
images, but I'm keeping mine anyway. Of course, there are the "other"
mods previously posted on r.a.s. I think they were hardware fixes
that involved power cords and such :^)

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

: WALLY@ukcc.uky.edu (Walter R Francis) wrote,

]I just performed the Squelch mod, I put a 103K resister as prescribed
]in the modification file, and it seems to work great... As soon as
]they stop transmitting it starts scanning, maybe a teeny little
]bit of noise..
]
]It seems to go "bzt....bzt" sometimes when scanning, but this may
]just be where it's unsquelching and then returning to scanning..
]
]And is it my imagination, or do you have to turn Squelch way up
]after this mod? Is it possible that this just increases the
]Squelch power? I used to keep the squelch pointed at the "h" in
]Squelch, but now it's pointed above the headphone jack symbol..
]
]Seems to make listening more pleasant.. Now if there were a way
]to not have to listen to all the damn pager systems in town..
]I guess that would require triple conversion.. I'm happy with
]my PRO-51, so I'm keeping it.. (Besides, I guess it's nice to
]not return modified electronics, eh? :)

5774. Canadian Frequencies???

Newsgroup: rec.radio.scanner
Date: 1994-11-21 20:54:49 UTC
From: aw94an@badger.ac.BrockU.CA
Message-ID: <1994Nov21.205449.2200@spartan.ac.BrockU.CA>
Source record: 265376

I'm looking for some scanner frequencies for Canada,
particularly Ontario and the Niagara region. As I have been too cheap,
as of yet, to buy a frequency book, I was wondering if anyone could
suggest some good frequencies. Of particular interest would be the
frequencies of the Ontario Provincial Police, Customs and Immigration or other
interesting local channels. Please keep in mind that I have a Radio
Shack special. I think it's a Pro-42 or something like that. Thanks in
advance.
Al.

5775. pro-2032 mod wanted

Newsgroup: rec.radio.scanner
Date: 1994-11-21 21:20:57 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.94Nov21162057@rinhp750.gmr.com>
Source record: 265375

My buddy bought a pro-2032 scanner and wants to restore cellular.

Does someone have that mod handy? Is there somewhere I can go to get it?

--
Val Breault - N8OEF - vbreault@gmr.com \ /|
Instrumentation dept. GM R&D Center \ / |
My opinions are not necessarily those of \ /__|
GMR nor of the General Motors Corporation \/ |___

5776. Re: Cellular Phone

Newsgroup: rec.radio.scanner
Date: 1994-11-21 22:53:15 UTC
From: Bryce Hooker <70004.132@CompuServe.COM>
Message-ID: <3ar8cr$ci5$2@mhadg.production.compuserve.com>
Source record: 265377

In my opinion, the AR1000XLT from AOR is the hands down winner in the cellular area. It can search the band in the correct step size, can lock out the control frequencies, and you can switch between mobil and base frequencies by pressing one number key.

As a general scanner, it is difficult to program and not the best choice. For a single purpose cellular scanner, it can't be beat. Best of all, there are still pre anticellular versions available that require no modification.

5777. Re: Activity in 72-76 Mhz Range

Newsgroup: rec.radio.scanner
Date: 1994-11-21 22:53:50 UTC
From: glennh@pnw.net
Message-ID: <3ar8du$mdt@cascade.pnw.net>
Source record: 265378

domonkos (domonkos@access.digex.net) wrote:
: Searching between 72 - 74 Mhz netted some local voice pagers. I've
: locked on to at least three with moderate signal strengths. They seem
: very personal (non-comm) in nature. Anyone else hear these and are
: there presonal pagers used in the USA or are these bootleg.

Sorry, Mom didn't know about pre-natal care when she was carrying me so I
can be a bit dense at times. Question, how can you tell a personal pager
from a business/commercial pager? When tuning through the pager bands
in Tacoma 80% of the pages are young sounding ladies saying either
"I love you and miss you so much....." or " Call me right away Honey."
I guess I just don't understand what you are asking. Anybody can buy and
use a pager, at least here in the US. HuH?? :-)

--
Glenn Hansen - KB7PKC
<glennh@pnw.net>
Tacoma, Wa

5778. Re: AOR 8000....can I get one in the US?

Newsgroup: rec.radio.scanner
Date: 1994-11-21 23:02:35 UTC
From: kjn@netcom.com
Message-ID: <kjnCzn40C.w0@netcom.com>
Source record: 265381

hglassma@daniel.drew.edu says:
" Is the AOR-8000 available in the USA? I called A.C.E. Communications
" and they said that is was not CERTIFIED for sale in the US. The guy
" said it may never be certified (by the FCC).

" Is this true? Then is it possible to get one in the US at all?

Grove has them listed at "ONLY" $649.95 1(800) 438-8155
indicated as "less cellular" haven't heard if it's restorable or not...

--
Ken

5779. Scanner vs Ham Radio

Newsgroup: rec.radio.scanner
Date: 1994-11-21 23:04:29 UTC
From: KWCWAN@ELECTRICAL.watstar.uwaterloo.ca
Message-ID: <KWCWAN.5.00121355@ELECTRICAL.watstar.uwaterloo.ca>
Source record: 265379

Hi,

I am actually rookie. I just want to know what's the difference between a scanner and a ham radio. Are they actually the same thing?

The second question I have is: can I use my HAM radio to make a phone call?

Thanks.

Carey

Carey Wan
383 Albert street, Apt# 603

(519)885-6180

5780. Jammers

Newsgroup: rec.radio.scanner
Date: 1994-11-21 23:25:27 UTC
From: u13654@uicvm.uic.edu
Message-ID: <u13654.27.0017473A@uicvm.uic.edu>
Source record: 265402

Just testing.

5781. Re: Rolling Stones Freq???

Newsgroup: rec.radio.scanner
Date: 1994-11-22 00:03:30 UTC
From: effigy@west.darkside.com
Message-ID: <Jo16Vc3w165w@west.darkside.com>
Source record: 265385

KDAHLQUIST@news.delphi.com (KDAHLQUIST@DELPHI.COM) writes:

> You might try contacting someone on the tour. They may be hanging our
> on rec.music.rolling-stones or something like that. They have been posting
> near daily stuff on the Delphi system.
>
> I went on tour with them for a week on Steel Wheels as security. You will
> want the building security frequencies and police frequencies. Also,
> the band will have 6 to 12 frequencies in use. The band should have two
> security teams with them, a peer security team which works with local
> venue, police and fire., and a "bodyguard" type security team. The
> bodyguards are with the band at all times, and are usually on-duty, tour
> assigned police officers. I remember that LAPD had some officers with
> the Stones for Steel WHeels. I would presume that peer security would have
> 460-465Mhz radios, they might be scrambled, but without a repeater, the
> building dynamics may prevent scrambling. The key to any action will be
> the venue security, and venue police tactical freqs. If you have a chance,
> ask a technician in a NEWS VAN. They are scanner gurus.
>
> Karl Dahlquist
> kdahlquist@delphi.com
>

what about the cordless gitaurs and microphones?

5782. Re: FS: Icom R-1 Handheld Receiver

Newsgroup: rec.radio.scanner
Date: 1994-11-22 00:09:40 UTC
From: Keith Jewell <jeevan@halcyon.com>
Message-ID: <3arcs4$c7a@news.halcyon.com>
Source record: 265380
Cross-posted to: rec.radio.swap,rec.radio.scanner

>
> FORSALE:
> Icom R-1 Handheld Communications Receiver
> - FULL coverage from .1-1300 MHz
> - Includes original box, power supply, & manual
> (excellent condition, had it for 6 months)
> - Smallest wide-range scanner available
>
> These extras included:
>
> - JIM M85 GaAs FET scanner pre-amplifier
> (adjustable gain from -10 dB up to +20 dB,
> covering 24-2150 MHz)
> - 4.5 ft (fully extended) antenna
> - BP-83 700 mAh battery pack (extends power to 6hrs+)
>
> -> Asking $375 shipped or a reasonable offer..
>
> --> Scott
> amigo@seanet.com
>
>

Are you willing to do a trade, or do you want cold, hard, cash? Please respond on the newsgroup, as my mail client is not working correctly. Thnx.

-Zeet

5783. Cellular Freq. Lock out...Since when?

Newsgroup: rec.radio.scanner
Date: 1994-11-22 01:15:07 UTC
From: roebuck@infi.net
Message-ID: <3argmr$q2e@lucy.infi.net>
Source record: 265373
Cross-posted to: rec.radio.scanner,alt.radio.scanner

How long have the FCC ruled to "lock out" cellular frequencies?
I understand some units can be modified and they proceed to get tougher
to modify? But when did they decide to delete the cellular freq band?

I was talking with a Radio Shack man and he was quite evasive, like he
thought I was the "Scanner Man" there to lock him up if he mentioned the
word 'modification' or what frequency cellular phones operate.

He mentioned "bleed over". I owned a PRO-37 about 8 months ago and picked up
some cellular calls. Is that what I received, "bleed over", or was the FCC
rule just been put into affect?

--
My Escape From Unresourceful Thought is Illuminated Through
My Knowledge of the Progression on the Enlightened Path.
- S. Timothy Roebuck
>> roebuck@infi.net

5784. PR-10 Schematic

Newsgroup: rec.radio.scanner
Date: 1994-11-22 01:51:14 UTC
From: dshalita@rogue.com
Message-ID: <1994Nov22.015114.7532@rogue.com>
Source record: 265387

I am looking for a schematic and operating manual for a Radio Shack scanner, PR-10.
Please advise, I am glad to pay copy and postage costs. Radio Shack says the unit is not showing on their computers.
Thanks, Dave
dshalita@rogue.com

--
Internet : dshalita@rogue.com
AMPR.ORG :lp.w6mik.ampr.org [44.16.0.29]
AMPR.ORG :w6mik.ampr.org [44.16.0.26]
7833 Cantaloupe Ave. Van Nuys, CA 91402

5785. Re: Decoding Acars With A Modem?

Newsgroup: rec.radio.scanner
Date: 1994-11-22 02:13:00 UTC
From: David.Edger@f239.n109.z1.fidonet.org
Message-ID: <6fd_9411212335@blkcat.fidonet.org>
Source record: 265404

Unrelated question, but perhaps you can answer. I have seen ads
in the British magazines for the Standard 408 UHF handitalkie. That
radio is not available in the US and the local Standard reps claim to
have no tech data on it.
My question is this: What is the receiving range of the radio
out of the box? I've heard it will cover 400-470 on receive,and if so,
I will want to order one.
If you have any info, would appreciate whatever you have. Many
thanks. 73 Dave

Fidonet: David Edger 1:109/239
Internet: David.Edger@f239.n109.z1.fidonet.org

5786. Re: high vhf antenna (marine)

Newsgroup: rec.radio.scanner
Date: 1994-11-22 02:37:14 UTC
From: kbeckman@earth.execpc.com
Message-ID: <3arlgq$3in@homer.alpha.net>
Source record: 265388

N C Schultheiss (ncschult@vela.acs.oakland.edu) wrote:
: I listen in on great lake shipping traffic, I currently use a R.S.
: discone and a mon 58.

: I am considering something directional but not shure what to look for?

: I also wanted to know if a standard boat antenna (fiberglass wip) would
: work? I'm about 20 miles from the lake.

: Lastly, RadioWare lists a high vhf antenna that can be cut for the
: specific freqs. any experience with this type and is it directional?

I bought a Radio Shack ground plane (20-014, $29.99), and shortened the tallest vertical radial by 2" for perfect resonance in the center of the VHF marine band. I'm a avid boater, and live about 10 miles from the lake. I have one of my older VHF radio's at home so the wife can call me to see how I'm doing. I also have used is to listen to what's happening in regards to fishing.

For recieve only this antenna will probably work fine, I used an SWR meter to get it right when transmitting.

I wouldn't use the fiberglass whip, unless that's all you have room for. A simple ground plane will typically outperform the figerglass whip.

I wouldn't recommend a directional antenna, because the angle of reception is quite small. I have designed and built antennas for many years. Using a parobolic reflector and a simple dipole you could make what's known as a corner reflector antenna. It will have more gain than a standard dipole, or ground plane plus directivity can be much wider than a standard beam, known as a yagi. Also will have a better front to back ratio if you want to eliminate some interference from behind than a yagi.

--
Internet address: kbeckman@earth.execpc.com
Internet via EXEC-PC 414-789-4600

5787. New Port RI Freq.'s

Newsgroup: rec.radio.scanner
Date: 1994-11-22 03:25:13 UTC
From: infoline@aol.com
Message-ID: <3aroap$cvk@newsbf01.news.aol.com>
Source record: 265391

I am going to New Port RI for Thanksgiving and would like to bring along my scanner. Does anyone out in Cyber-land have any good New Port, RI Freq's to share.....

INFOLINE

5788. Re: high vhf antenna (marine)

Newsgroup: rec.radio.scanner
Date: 1994-11-22 04:22:57 UTC
From: tls@gate.net
Message-ID: <3arrn1$1bgp@tequesta.gate.net>
Source record: 265400

Keith Beckmann (kbeckman@earth.execpc.com) wrote:

: I'm a avid boater, and live about 10 miles from the
: lake. I have one of my older VHF radio's at home so the wife can call me
: to see how I'm doing.

Sounds like the type of illegal station the FCC calls "kitchen coastal."

--
Terry Steinford
tls@gate.net

5789. Re: AOR 8000....can I get one in the US?

Newsgroup: rec.radio.scanner
Date: 1994-11-22 05:02:22 UTC
From: v078l3eg@ubvms.cc.buffalo.edu
Message-ID: <CznKnz.Ao0@acsu.buffalo.edu>
Source record: 265401

In article <1994Nov21.104901.113514@daniel>, hglassma@daniel.drew.edu writes:
>Is the AOR-8000 available in the USA? I called A.C.E. Communications
>and they said that is was not CERTIFIED for sale in the US. The guy
>said it may never be certified (by the FCC).
>
>Is this true? Then is it possible to get one in the US at all?
>
>What is the cost? I heard $500.

The AR8000 has a list price of 799$, but I have heard you can get it for 6 and
a half.

You can get one less cellular from
EEB 1(703)938-3350

I lost the 1800 number

Enjoy, I really want to know if that scanner has better sensitivity than the
Icom IC-R1 which I have. If you ever buy the Ar-8000 could you e-mail me and
tell me what you thnk of it?
Thanks

>
>Thank you!
Youre welcome!

>

5790. PRO-37 FS

Newsgroup: rec.radio.scanner
Date: 1994-11-22 07:15:08 UTC
From: thugwold@netcom.com
Message-ID: <thugwoldCznqt9.9Hx@netcom.com>
Source record: 265405

```
Tandy PRO-37 in like new condition with box and manual.
un-modified
$150 or offer
Mike
```

5791. Re: Strange (?) reception - PRO34

Newsgroup: rec.radio.scanner
Date: 1994-11-22 08:51:55 UTC
From: anw104@psu.edu
Message-ID: <anw104.263.2ED1B12B@psu.edu>
Source record: 265384

Hi there...
Just to add another data point, I have the same howling problem that
you describe in my PRO-37 while listening to 800Mhz freqs...

- Alvin

> When I used to own the '34, I remember having a problem in the 800 Mhz
>region. When the volume was turned up, I would get a howl during the
>transmission. Somehow, the sound was feeding back into the oscillation
>circuits to create the howl. After taking apart, I tapped around on the
>radio and found exactly what you described, a microphonic sound in one of
>the coils. Slipped a piece of foam on it and solved the problem.

5792. Re: Uniden Phone Number?

Newsgroup: rec.radio.scanner
Date: 1994-11-22 10:15:55 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.28.000A443A@ccm.hf.intel.com>
Source record: 265201

In article <3ag7rk$kfv@news.ysu.edu> af308@yfn.ysu.edu (Tom Russo) writes:

>When I bought my Bearcat scanner awhile ago, it came with a
>card that had spare parts and a phone number to order those
>parts and extras. I lost that card, of course.

>Can anyone help me with the phone number?

Uniden Customer service: 800-428-5340

If the 800# is always busy, you can call 317-842-1036

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5793. Re: THE 10TH AMENDMENT RESOLUTION OF THE STATE OF COLORADO

Newsgroup: rec.radio.scanner
Date: 1994-11-22 10:45:49 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov22.104549.24466@hpcvaac.cv.hp.com>
Source record: 265390
Cross-posted to: alt.activism,alt.politics.libertarian,rec.radio.scanner,talk.politics.misc

William_Mosco@vos.stratus.com writes:
: => billn@hpcvaac.cv.hp.com (bill nelson) wrote:
:
: =>So, if the Supreme Court said that the ammendment to the constitution
: =>granting women the right to vote was unconstitutional, you wouldn't
: =>object? After all, the 9 gods have ruled - who are you to doubt them?
:
: It's impossible to call an amendment to the constitution
: "unconstitutional".

It is? I wouldn't bet on it. It would certainly stir up a bunch of
interesting debate, in congress and elsewhere.

Bill

5794. fast scan / less sensitive?

Newsgroup: rec.radio.scanner
Date: 1994-11-22 11:04:11 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.178.000B123A@cornell.edu>
Source record: 265416

I was asked so I am passing the question on. With the new breed of superfast
ie. 100cps, scanners has anyone noticed that they tend to skip over week
signals that they recieve when on slower scan rates?
Carl KB2SGX (ex-jarhead) Semper Fi
"To those who fought for it, freedom has a flavor
the protected will never know"
unknown Marine; Khe Sahn, Viet Nam

5795. Re: AR8000 Alphanumeric labels

Newsgroup: rec.radio.scanner
Date: 1994-11-22 11:25:51 UTC
From: billy@panix.com
Message-ID: <billy-2211940325510001@billy.dialup.access.net>
Source record: 265406

In article <3ao4rv$2bh@panix3.panix.com>, schuster@panix.com (Michael Schuster) wrote:

> I'm not going to buy the computer interface until there is decent software
> support (i.e. there is something to **DO** with it - other than post to
> the net that I have the computer interface and you don't). :-)
>
> Programming alpha labels is VERY tedious using the bare scanner. You use
> the arrow keys as a cursor and scroll through the entire ASCII and Kanji
> alphabets using the rotary encoder knob on top.
>
> >If you have the ci how long does it take to reprogram all 1000
> >memories?
>
> --
> Mike Schuster

Well, umm, that's one of the things the interface is great for. I only entered about 50 channels by hand (to fool with the unit before I hooked up the interface). I mass enter stuff in my Mac now, and send it to the 8000. Also allows me to keep a full backup of the whole 8000. I just use a term program and a couple of very simple scripts. One day I will find time to write a program, but I have not been terribly motivated since I can just use Smartcom to do what I currently need. I still have to find the time to create a US band plan for the UK version I have, and dump it into the 8000. This will make the AUTO functions suggest the correct mode and step most of the time, instead of the wrong ones.

You can reprogram the whole scanner (ie full clone) in about 5 or 10 minutes (as I recall).

Bill S

5796. Re: Best FTP sites?

Newsgroup: rec.radio.scanner
Date: 1994-11-22 11:55:15 UTC
From: josephl@clark.net
Message-ID: <3asm73$en7@clarknet.clark.net>
Source record: 265410
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

adam (adam@liii.com) wrote:

: Another good pretty good radio related FTP site is oak.oakland.edu

Check out wb3ffv1.sed.csc.com. (ftp wb3ffv1.sed.csc.com)

--

Joseph A. Liu
Radiance Associates, Inc. [r]
----
a multilevel marketing company

5797. For Sale: Uniden BC100xlt scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-22 13:21:15 UTC
From: James B Braman <jbb@christa.unh.edu>
Message-ID: <Pine.OSF.3.91a.941122081350.26991B-100000@christa.unh.edu>
Source record: 265403

For Sale:

2 year old Uniden BC100xlt Scanner-

100 channels, 10 banks
well taken care of
detachable, rechargeable nicad battery with charger
leather carrying case
ear phone included

Features-

channel delay
priority channel
weather channels
lighted display
Key pad lock
search and hold functions for looking for new frequencies

If you are interested you can e-mail me direct at jbb@christa.unh.edu. I
am asking $100 firm (shipping included)

Jamie.

5798. RE:Newport RI

Newsgroup: rec.radio.scanner
Date: 1994-11-22 13:53:45 UTC
From: jsaul@np.atinc.com
Message-ID: <199411221353.HAA20014@mail.cs.utexas.edu>
Source record: 265411

```
--========================_5751498==_
Content-Type: text/plain; charset="us-ascii"

Here is a list I put together for Rhode Island. Most of which, can be
picked up in Newport.

--========================_5751498==_
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

RHODE ISLAND =09
BARRINGTON =09
153.9500 FIRE(REGIONAL) LOCAL OPS
155.4900 POLICE LOCAL OPS
154.9800 LOCAL GOVT HIGHWAY MAINT
BLOCK ISLAND =09
154.2050 FIRE LOCAL OPS
33.6000 FIRE ??
156.0150 POLICE NEW
158.7900 POLICE LOCAL OPS
158.7450 LOCAL GOVT HIGHWAY MAINT ???
BRISTOL =09
154.1450 FIRE LOCAL OPS
159.4500 FIRE FIREGROUND
155.1300 POLICE LOCAL OPS
453.2000 POLICE DETECTIVES
155.8050 LOCAL GOVT HIGHWAY MAINT
BURRILLVILLE =09
154.1900 FIRE LOCAL OPS
154.2200 FIRE FIREGROUND
154.3250 FIRE FIREGROUND
155.5650 POLICE FUTURE OPS
154.7250 POLICE TACTICAL
151.0400 LOCAL GOVT HIGHWAY MAINT
155.8050 LOCAL GOVT ??
CENTRAL FALLS =09
154.4150 FIRE LOCAL OPS
156.2100 POLICE LOCAL OPS
155.6550 POLICE CAR TO CAR
155.7600 LOCAL GOVT HWY MAINT/DETECTIVES
CHARLESTOWN =09
46.4200 FIRE S. KINGSTON TIE
460.6250 FIRE ASHAWAY DISPATCH
154.6500 POLICE LOCAL OPS
158.9250 LOCAL GOVT REC DEPT
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156.1650 LOCAL GOVT HIGHWAY MAINT
COVENTRY =09
45.2000 FIRE CH-1
45.4800 FIRE CH-2
46.4000 FIRE FIREGROUND
45.1400 FIRE/POLICE ARSON SQUAD
154.7250 POLICE LOCAL OPS
155.6250 POLICE E. GREENWICH TIE
460.0125 POLICE POINT TO POINT CNTRL
465.0125 POLICE POINT TO POINT CNTRL
45.7200 LOCAL GOVT HIGHWAY MAINT
CRANSTON =09
460.6000 FIRE ANNOUNCE CHANNEL
154.0100 FIRE LOCAL OPS
159.4650 FIRE FIREGROUND
482.4125 POLICE LOCAL OPS
482.4625 POLICE CAR TO CAR
482.5625 POLICE DETECTIVES
154.0850 LOCAL GOVT SCHOOL DEPT
158.8200 LOCAL GOVT HIGHWAY MAINT
453.7750 LOCAL GOVT HOUSING AUTHORITY
159.1350 LOCAL GOVT HIGHWAY MAINT
CUMBERLAND =09
154.2050 FIRE LOCAL OPS
154.5800 FIRE FIREGROUND
155.4300 POLICE LOCAL OPS
155.6550 POLICE WOONSOCKET TIE
482.3875 POLICE FUTURE USE
484.7375 POLICE FUTURE USE
151.1300 LOCAL GOVT HIGHWAY MAINT
154.5700 LOCAL GOVT SCHOOL DEPT
EAST GREENWICH =09
151.4750 FIRE LOCAL OPS
151.1900 FIRE CH-2
155.6250 POLICE LOCAL OPS
154.7250 POLICE COVENTRY TIE
155.0850 LOCAL GOVT HIGHWAY MAINT
EAST PROVIDENCE =09
154.0700 FIRE LOCAL OPS
153.8450 FIRE FIREGROUND
154.7700 POLICE LOCAL OPS
155.0100 POLICE SEEKONK TIE
153.8000 LOCAL GOVT HIGHWAY MAINT
EXETER =09
46.4600 FIRE LOCAL OPS
460.5875 FIRE VEHICULAR REPEATER
465.5875 FIRE VEHICULAR REPEATER
155.5800 POLICE LOCAL OPS
159.0750 LOCAL GOVT HIGHWAY MAINT
=46OSTER =09

154.1900 FIRE NORTHERN FIRE LEAGUE
155.5350 POLICE LOCAL OPS
154.7250 POLICE COVENTRY TIE
GLOCESTER =09
154.1900 FIRE NORTHERN FIRE LEAGUE
154.2950 FIRE FIREGROUND
156.0900 POLICE LOCAL OPS
154.7250 POLICE COVENTRY TIE
HOPKINGTON =09
46.5000 FIRE LOCAL OPS
154.8000 POLICE LOCAL OPS
37.9000 LOCAL GOVT HIGHWAY MAINT
JAMESTOWN =09
153.9500 FIRE EAST BAY FIRE LEAGUE
155.0700 POLICE LOCAL OPS
155.5800 POLICE N. KINGSTOWN TIE
45.6800 LOCAL GOVT HIGHWAY MAINT
JOHNSTON =09
154.1750 FIRE LOCAL OPS
155.5350 POLICE LOCAL OPS
155.7000 POLICE DETECTIVES
154.7250 POLICE COVENTRY TIE
151.0400 LOCAL GOVT HIGHWAY MAINT
KINGSTON =09
46.3800 FIRE CENTRAL FIRE LEAGUE
46.3400 FIRE FIREGROUND
46.2600 FIRE NARRAGANSETT TIE
LINCOLN =09
154.1600 FIRE LOCAL OPS
151.2650 POLICE LOCAL OPS
155.6550 POLICE CAR TO CAR
156.0600 LOCAL GOVT HIGHWAY MAINT
LITTLE COMPTON =09
46.0600 FIRE NEWPORT COUNTY LEAGUE
155.4150 POLICE LOCAL OPS
MIDDLETOWN =09
46.1000 FIRE LOCAL OPS
155.7900 POLICE LOCAL OPS
155.9700 POLICE DETECTIVES
151.1150 LOCAL GOVT HIGHWAY MAINT
NARRAGANSETT =09
453.1000 FIRE LOCAL OPS
46.4200 FIRE S. KINGSTOWN TIE
46.0400 EMERGENCY AMBULANCE-RESCUE
154.8750 POLICE LOCAL OPS
156.1800 LOCAL GOVT HIGHWAY MAINT
NEWPORT =09
46.4800 FIRE LOCAL OPS
154.2200 FIRE FIREGROUND
154.4000 FIRE FIREGROUND

155.7300 POLICE LOCAL OPS
154.7550 POLICE SECONDARY
158.7600 LOCAL GOVT PUBLIC WORKS
453.8875 LOCAL GOVT ??
453.3250 LOCAL GOVT HOUSING AUTHORITY
NORTH KINGSTOWN =09
154.2350 FIRE LOCAL OPS
46.4200 FIRE S. KINGSTOWN TIE
155.5800 POLICE LOCAL OPS
154.9500 POLICE ??
155.8200 LOCAL GOVT HIGHWAY MAINT
NORTH PROVIDENCE =09
154.2500 FIRE LOCAL OPS
460.6125 FIRE VEHICULAR REPEATER
465.6125 FIRE VEHICULAR REPEATER
154.7250 FIRE COVENTRY TIE
154.8000 POLICE LOCAL OPS
154.1150 LOCAL GOVT ??
156.2400 LOCAL GOVT HIGHWAY MAINT
NORTH SMITHFIELD =09
154.1900 FIRE NORTHERN FIRE LEAGUE
156.0900 POLICE LOCAL OPS
159.1650 LOCAL GOVT HIGHWAY MAINT
154.6000 LOCAL GOVT SCHOOL DEPT
PAWTUCKET =09
154.4450 FIRE LOCAL OPS
154.8300 POLICE LOCAL OPS
155.6550 POLICE CAR TO CAR
155.8350 POLICE CAR TO CAR
453.7500 LOCAL GOVT HIGHWAY MAINT
155.9550 LOCAL GOVT SANITATION/ELDERLY
PORTSMOUTH =09
154.3250 FIRE LOCAL OPS
154.8450 POLICE LOCAL OPS
155.8500 POLICE SECONDARY
159.1200 LOCAL GOVT HIGHWAY MAINT
155.1000 LOCAL GOVT FIRE ALARM MAINT
PROVIDENCE =09
154.3700 FIRE LOCAL OPS
153.8300 FIRE MOBILE
159.3600 FIRE FIREGROUND
460.1000 POLICE DISPATCH CH-1
460.2000 POLICE SECONDARY CH-2
460.4250 POLICE CAR TO CAR CH-3
460.2750 POLICE INFORMATION CH-4
460.3250 POLICE DETECTIVES CH-5
155.9850 LOCAL GOVT ??
453.4250 LOCAL GOVT PARKS DEPT
453.5750 LOCAL GOVT HOUSING AUTHORITY
453.9500 LOCAL GOVT HIGHWAY MAINT

31.2400 LOCAL GOVT SCHOOL DEPT
462.9375 SPECIAL EMERGENCY RESPONSE
RICHMOND =09
46.5000 FIRE LOCAL OPS
46.2800 FIRE FIREGROUND
154.8000 POLICE LOCAL OPS
154.1000 LOCAL GOVT HIGHWAY MAINT/POLICE CH-5
SCITUATE =09
154.0400 FIRE LOCAL OPS
155.5350 POLICE LOCAL OPS
37.9600 LOCAL GOVT HIGHWAY MAINT
SMITHFIELD =09
154.4000 FIRE LOCAL OPS(NEW)
154.1900 FIRE LOCAL OPS(OLD)
453.7000 FIRE VOCAL ALARM
154.2500 FIRE FIREGROUND
154.3400 FIRE ??
156.0900 POLICE LOCAL OPS
154.7250 POLICE COVENTRY TIE
150.9950 LOCAL GOVT HIGHWAY MAINT
SOUTH KINGSTOWN =09
46.4200 FIRE LOCAL OPS
46.3400 FIRE FIREGROUND URI
46.2600 FIRE NARRAGANSETT TIE
460.5875 FIRE VEHICULAR REPEATER
465.5875 FIRE VEHICULAR REPEATER
155.5500 POLICE LOCAL OPS
159.1650 LOCAL GOVT HIGHWAY MAINT
158.7750 LOCAL GOVT SCHOOL DEPT
158.8950 LOCAL GOVT RECREATION DEPT
TIVERTON =09
46.2000 FIRE LOCAL OPS
155.4150 POLICE LOCAL OPS
155.7450 POLICE SECONDARY
45.6600 POLICE SPECIAL OPS
45.7000 POLICE SPECIAL OPS
45.1200 LOCAL GOVT HIGHWAY MAINT
WARREN =09
153.9500 FIRE EAST BAY FIRE LEAGUE
155.3700 POLICE LOCAL OPS
156.1200 LOCAL GOVT HIGHWAY MAINT
WARWICK =09
153.7700 FIRE DISPATCH TO STATIONS
154.3100 FIRE LOCAL OPS
453.6750 POLICE DISPATCH CH-1
453.8250 POLICE RECORDS CH-2
453.4750 POLICE CAR TO CAR CH-3
453.9750 POLICE DETECTIVES CH-4
159.0000 LOCAL GOVT HIGHWAY MAINT
453.2250 LOCAL GOVT HOUSING AUTHORITY

30.9600 LOCAL GOVT SCHOOL DEPT
31.2400 LOCAL GOVT SCHOOL DEPT
WEST WARWICK =09
154.4300 FIRE LOCAL OPS
156.1500 POLICE LOCAL OPS
453.3000 POLICE FUTURE LOCAL OPS
154.7250 POLICE COVENTRY TIE
155.6250 POLICE E. GREENWICH TIE
153.8150 LOCAL GOVT HIGHWAY MAINT
WESTERLY =09
46.3600 FIRE LOCAL OPS
46.2600 FIRE FIREGROUND/MAINT
154.1600 FIRE FIREGROUND
154.1300 FIRE STONINGTON TIE
156.2100 POLICE LOCAL OPS
154.9500 POLICE CAR TO CAR
154.0250 LOCAL GOVT HIGHWAY MAINT
153.7850 LOCAL GOVT ??
WOONSOCKET =09
154.1300 FIRE LOCAL OPS
156.3300 POLICE LOCAL OPS
155.6550 POLICE CAR TO CAR
482.8375 POLICE DETECTIVES
453.9000 LOCAL GOVT ??
159.0600 LOCAL GOVT HIGHWAY MAINT
153.8750 LOCAL GOVT HIGHWAY/HOSPITAL/RESCUE
R.I. STATE POLICE =09
155.4550 CH-1 STATEWIDE REPEATER
155.4750 CH-2 NATIONAL LAW ENFORCEMENT
155.9350 CH-3 NORTH ZONE
154.9050 CH-4 SOUTH ZONE
155.4450 CH-5 TAC-1
155.5050 CH-6 DETECTIVES
155.6100 CH-7 INFORMATION NCIC/LISCENSE DATA
155.1900 CH-8 RISPERN/SECONDARY-SOME LOCAL PDs
159.1500 CH-9 TAC-2
42.6200 POLICE (KCE705) ??
151.3250 POLICE (KD36169) ??
154.6950 POLICE (KA6427) ??
154.7100 POLICE (KD36169) ??
154.9350 POLICE (KTL542) ??
158.9100 POLICE (KD36169) ??
REGIONAL POLICE =09
155.1900 STATEWIDE EMERGENCY RADIO NETWORK
155.4750 NATIONAL LAW ENFORCEMENT CHANNEL
158.9700 STATEWIDE INTERCITY POLICE NETWORK
155.4300 BLACKSTONE VALLEY POLICE NETWORK
155.6850 NEWPORT COUNTY POLICE NETWORK
154.8150 WASHINGTON COUNTY POLICE NETWORK
REGIONAL FIRE =09

46.0600 NEWPORT COUNTY LEAGUE
46.2400 FIREGROUND SOUTH
46.2800 FIREGROUND NORTH
46.3800 CENTRAL FIRE LEAGUE
46.5000 SOUTHERN FIRE LEAGUE
153.9500 EAST BAY FIRE LEAGUE
154.1900 NORTHERN/WOONASQUATUCKET LEAGUE
154.2800 STATEWIDE INTERCITY CHANNEL
STATE DOT =09
856.3125 800 MHz TRUNKED SYSTEM
856.3375 800 MHz TRUNKED SYSTEM
857.3125 800 MHz TRUNKED SYSTEM
857.3375 800 MHz TRUNKED SYSTEM
858.3125 800 MHz TRUNKED SYSTEM
858.3375 800 MHz TRUNKED SYSTEM
859.3125 800 MHz TRUNKED SYSTEM
859.3375 800 MHz TRUNKED SYSTEM
860.3125 =09800 MHz TRUNKED SYSTEM
860.3375 800 MHz TRUNKED SYSTEM
47.2200 STATE ENGINEERS
47.3400 STATE SURVEYORS
853.3625 SMRS TRUNKED REPEATER
OTHER STATE GOVERNMENT =09
453.6000 DCYF (TRAINING SCHOOL)
453.6500 DCYF (TRAINING SCHOOL)
155.8800 DEPT OF CORRECTIONS-SECURITY
154.6800 DEPT OF CORRECTIONS-SECURITY/PRISONER TRANSPORT
148.2500 EMERGENCY MANAGEMENT
45.4400 EMERGENCY MANAGEMENT/CIVIL DEFENSE
31.7400 FIRE TOWERS F-2
173.2625 MEDICAL EXAMINER
31.6200 PARK POLICE ADMIN/FIRE CONTROL
31.6600 PARK POLICE CAR TO CAR
31.7000 PARK POLICE ENFORCEMENT
31.5400 PARK POLICE F-1
31.5800 PARK POLICE F-2
151.1750 PARK RANGERS
151.3850 PARK RANGERS
154.6800 PRISONER TRANSPORT
452.6750 PUBLIC TRANSIT AUTHORITY
452.7500 PUBLIC TRANSIT AUTHORITY
452.8000 PUBLIC TRANSIT AUTHORITY
452.8500 PUBLIC TRANSIT AUTHORITY
49.7000 RI AIR NATIONAL GUARD AIR OPERATIONS
149.4750 RI AIR NATIONAL GUARD FIRE/RESCUE
141.8000 RI AIR NATIONAL GUARD OPERATIONS (RHODY OPS)
383.3000 RI AIR NATIONAL GUARD OPERATIONS (RHODY OPS)
163.4875 RI AIR NATIONAL GUARD SECURITY F-1
165.1375 RI AIR NATIONAL GUARD SECURITY F-2
153.0200 RI BRIDGE/TURNPIKE

45.4400 RI DEPARTMENT OF HEALTH
41.3500 RI NATIONAL GUARD
41.4500 RI NATIONAL GUARD
41.5500 RI NATIONAL GUARD
41.7500 RI NATIONAL GUARD
49.4000 RI NATIONAL GUARD
49.8000 RI NATIONAL GUARD
49.9000 RI NATIONAL GUARD
244.1000 RI NATIONAL GUARD OPERATIONS (FIERCE ALPINE)
47.0000 RI NATIONAL GUARD OPERATIONS (FIERCE ARROW)
151.5350 RI PORT AUTHORITY
153.0050 RI PORT AUTHORITY
462.9375 STATE EMERGENCY RESPONSE
153.9800 STATE FIRE MARSHAL
158.8050 STATE FIRE MARSHAL
155.1000 STATE MARSHALS-TRANSPORT
TF GREEN AIRPORT =09
120.6000 APPROACH
120.7000 TF GREEN TOWER
121.7000 TF GREEN GROUND CONTROL
121.9000 TF GREEN GROUND CONTROL
122.6000 BRIDGEPORT FSS RCO
124.2000 AUTO TERMINAL WX INFO
124.5000 APPROACH
124.8500 BOSTON APP/DEP CONTROL
125.7500 APPROACH
125.9000 APPROACH
126.6500 CLEARANCE DELIVERY
127.9000 DEPARTURE
135.4000 BOSTON APP/DEP CONTROL
154.3550 TF GREEN AIRPORT FIREGROUND
154.9950 TF GREEN AIRPORT OPS
255.4000 BRIDGEPORT FSS RDO
257.8000 TF GREEN TOWER
460.7000 USAIR GROUND SUPPORT
460.7250 UNITED GROUND SUPPORT
460.7500 EASTERN GROUND SUPPORT
464.9750 AIRPORT PARKING
QUONSET AIRPORT =09
118.6000 APPROACH
121.2000 QUONSET TOWER
122.8500 STATE OF RI
126.3500 QUONSET TOWER CTAF
133.8500 APPROACH
135.4000 BOSTON APP/DEP CONTROL
135.4000 QUONSET GROUND CONTROL
153.9200 STATE OF RI
154.9950 OPERATIONS CH-1
155.0400 SECURITY CH-2
252.9000 QUONSET TOWER

275.8000 QUONSET GROUND CONTROL
307.9000 BOSTON APP/DEP CONTROL
380.2500 BOSTON APP/DEP CONTROL
385.6000 BOSTON APP/DEP CONTROL
AMTRAK =09
160.5150 MAINTENANCE
160.6350 STATION SERVICES
160.8000 ROAD OPS-CONRAIL
160.9200 ROAD OPS-AMTRAK
161.0700 YARD OPERATIONS
161.1300 PHONE PATCH-MAINTENANCE
161.2950 RAILROAD POLICE
CONNECTICUT STATE POLICE =09
42.0400 CH-1 TROOPS E G H W
42.3600 CH-2 TROOPS C K
42.4800 CH-3 TROOPS F I
42.5200 CH-4 TROOPS A B D L
42.1800 CH-5 DETECTIVES
42.3000 CH-6 DETECTIVES
42.2000 CH-7 TRAFFIC
42.2400 CH-8 TRAFFIC
42.5800 CH-9 SPEED ENFORCEMENT
42.6400 CH-10 SPEED ENFORCEMENT
42.6800 CH-11 SPEED ENFORCEMENT
154.6650 SP-1 TROOP TO TROOP
154.6950 ?? TROOP TO TROOP
154.8300 SP-2 SPECIAL ACTIVITIES
155.4750 SP-3 NATIONAL POLICE CHANNEL
154.8900 SP-4 SPECIAL ACTIVITIES
154.8750 ?? MOTOR VEHICLE
MASSACHUSETTS STATE POLICE =09
42.4400 CH-1 STATEWIDE EMERGENCY
42.3400 CH-2 TROOP A (EASTERN MA)
42.4000 CH-3 TROOP C (CENTRAL MA)
42.5000 CH-4 TROOP D (SOUTHEASTERN MA)
52.5400 CH-5 HEADQUARTERS
42.4600 CH-6 TROOP B (WESTERN MA)
42.4200 CH-7 INVESTIGATORS
44.7400 CH-8 STATE TO TOWN
44.9000 CH-9 SPEED ENFORCEMENT
COLLEGES & UNIVERSITIES =09
463.4000 BROWN ??
467.9500 BROWN ??
464.9750 BROWN ??
462.9500 BROWN EMS
464.5500 BROWN OPERATIONS
461.9000 BROWN SECURITY
464.5250 BRYANT COLLEGE ??
464.5750 BRYANT COLLEGE ??
464.6750 BRYANT COLLEGE ??

464.9250 BRYANT COLLEGE ??
464.4250 BRYANT COLLEGE MAINTENANCE
464.8250 BRYANT COLLEGE SECURITY
154.6500 CCRI LINCOLN SECURITY
154.6500 CCRI WARWICK=20SECURITY
857.3875 JOHNSON & WALES ??
463.6750 JOHNSON & WALES SECURITY
464.6750 JOHNSON & WALES TRANSPORTATION
464.5250 PROVIDENCE COLLEGE ??
461.0500 PROVIDENCE COLLEGE MAINTENANCE
461.2750 PROVIDENCE COLLEGE NEW
461.0250 PROVIDENCE COLLEGE SECURITY
458.1500 RHODE ISLAND COLLEGE ??
453.1500 RHODE ISLAND COLLEGE POLICE
151.7750 ROGER WILLIAMS ??
151.8350 ROGER WILLIAMS ??
154.5400 ROGER WILLIAMS MAINTENANCE
154.6000 ROGER WILLIAMS SECURITY
151.9250 SALVE REGINA MAINTENANCE
154.5150 SALVE REGINA SECURITY
151.8950 URI ??
464.5000 URI ??
464.5500 URI ??
154.5400 URI FIRE ALARM MAINT
154.5150 URI MAINTENANCE
155.0400 URI SECURITY
=46EDERAL FREQUENCIES IN RI =09
162.7625 FEDERAL BUREAU OF INVESTIGATIONS
162.9750 FEDERAL BUREAU OF INVESTIGATIONS
164.1500 FEDERAL BUREAU OF INVESTIGATIONS
167.2375 FEDERAL BUREAU OF INVESTIGATIONS
167.2625 FEDERAL BUREAU OF INVESTIGATIONS
167.3875 FEDERAL BUREAU OF INVESTIGATIONS
167.4625 FEDERAL BUREAU OF INVESTIGATIONS
167.5625 FEDERAL BUREAU OF INVESTIGATIONS
167.6000 FEDERAL BUREAU OF INVESTIGATIONS
167.6625 FEDERAL BUREAU OF INVESTIGATIONS
167.7125 FEDERAL BUREAU OF INVESTIGATIONS
167.7625 FEDERAL BUREAU OF INVESTIGATIONS
138.6000 NAVAL EDUCATION & TRAINING CENTER AMBULANCE
140.3500 NAVAL EDUCATION & TRAINING CENTER SECURITY
140.8000 NAVAL EDUCATION & TRAINING CENTER FIRE
156.3000 US COAST GUARD CH-6 INTERSHIP SAFETY
156.6000 US COAST GUARD-CASTLE HILL CH-12 PORT OPS
156.6500 US COAST GUARD CH-13 NAVIGATION
156.7000 US COAST GUARD-CASTLE HILL CH-14 PORT OPS
157.0500 US COAST GUARD-CASTLE HILL CH-21=20
157.1000 US COAST GUARD-CASTLE HILL CH-22 NOTIFICATION
157.1500 US COAST GUARD-CASTLE HILL CH-23
157.1750 US COAST GUARD CH-83 USCG AUXILIARY

NEWS MEDIA =09
161.6700 CAPITAL CITIES/ABC=09
161.7000 CAPITAL CITIES/ABC=09
161.7300 CAPITAL CITIES/ABC=09
161.7600 CAPITAL CITIES/ABC=09
153.2900 PROVIDENCE JOURNAL=09
161.6400 PROVIDENCE JOURNAL=09
173.2750 PROVIDENCE JOURNAL=09
454.4000 PROVIDENCE JOURNAL=09
455.7500 PROVIDENCE JOURNAL=09
463.8500 PROVIDENCE JOURNAL=09
464.0625 PROVIDENCE JOURNAL=09
464.1125 PROVIDENCE JOURNAL=09
464.2375 PROVIDENCE JOURNAL=09
464.3250 PROVIDENCE JOURNAL=09
464.4375 PROVIDENCE JOURNAL=09
464.8125 PROVIDENCE JOURNAL=09
464.8875 PROVIDENCE JOURNAL=09
852.5875 PROVIDENCE JOURNAL=09
450.2325 SPY IN THE SKY TRAFFIC REPORTS
76.0000 TV INTERCITY=09
153.2300 WJAR TV CH 10=09
161.7300 WJAR TV CH 10=09
161.7600 WJAR TV CH 10=09
450.1875 WJAR TV CH 10=09
450.2125 WJAR TV CH 10=09
450.3875 WJAR TV CH 10=09
450.9250 WJAR TV CH 10=09
455.9250 WJAR TV CH 10=09
455.9800 WJAR TV CH 10=09
853.4875 WJAR TV CH 10=09
161.6700 WLNE TV CH 6=09
455.1500 WLNE TV CH 6=09
462.1250 WLNE TV CH 6=09
464.7500 WLNE TV CH 6=09
450.4875 WPRI TV CH 12=09
450.5875 WPRI TV CH 12=09
455.0200 WPRI TV CH 12=09
450.1875 WPRO RADIO WPRO TRAFFIC
450.2500 RI TRAFFIC REPORTS NET
450.7500 RI TRAFFIC REPORTS NET
463.7750 PROVIDENCE NOTIFICATION NET (NEWS MEDIA)
OTHER =09
154.5700 AAA SECRUITY
154.5150 AAA SECURITY
463.3750 ARROW LIMOUSINES
33.4000 BESS EATON DONUTS ORDER SYSTEM
154.5400 BESS EATON DONUTS ORDER SYSTEM
122.9000 CIVIL AIR PATROL SEARCH & RESCUE
123.1000 CIVIL AIR PATROL SEARCH & RESCUE

464.5750 CONVENTION CENTER AUTHORITY
153.0800 ELECTRIC BOAT-QUONSET
153.1400 ELECTRIC BOAT-QUONSET
463.7375 FOXBORO STADIUM
463.7625 FOXBORO STADIUM
464.4250 FOXBORO STADIUM
464.7250 FOXBORO STADIUM - MGMT STAFF
154.5700 FOXBORO STADIUM - OPERATIONS
154.6250 FOXBORO STADIUM - OPERATIONS
151.6250 FOXBORO STADIUM - OPERATIONS/REFEREES
464.4250 FOXBORO STADIUM - SECURITY
464.7750 FOXBORO STADIUM - SECURITY
464.9500 FOXBORO STADIUM - SECURITY
866.0125 FOXBORO STADIUM STADIUM S.P. FOR EVENTS
866.5125 FOXBORO STADIUM STADIUM S.P. FOR EVENTS
867.0125 FOXBORO STADIUM STADIUM S.P. FOR EVENTS
461.3000 HOLIDAY INN (PROVIDENCE)
462.8250 INN AT THE CROSSINGS
464.5750 INN AT THE CROSSINGS
464.8750 INN AT THE CROSSINGS
464.5000 INTERNATIONAL TENNIS HALL OF FAME
33.4000 KENTUCKY FRIED CHICKEN ORDER SYSTEM
154.5400 KENTUCKY FRIED CHICKEN ORDER SYSTEM
460.8875 KENTUCKY FRIED CHICKEN ORDER SYSTEM
461.0875 KENTUCKY FRIED CHICKEN ORDER SYSTEM
462.7625 KENTUCKY FRIED CHICKEN ORDER SYSTEM
465.8875 KENTUCKY FRIED CHICKEN ORDER SYSTEM
466.0875 KENTUCKY FRIED CHICKEN ORDER SYSTEM
467.8875 KENTUCKY FRIED CHICKEN ORDER SYSTEM
461.1750 L.A. SECURITY SERVICE
463.7750 L.A. SECURITY SERVICE
464.5500 L.A. SECURITY SERVICE
154.5700 LINCOLN MALL
463.2625 MARRIOTT HOTELS
468.2625 MARRIOTT HOTELS
463.7875 MARRIOTT HOTELS (NEWPORT)
465.0000 MARRIOTT HOTELS (NEWPORT)
33.1400 MC DONALDS ORDER SYSTEM
35.0200 MC DONALDS ORDER SYSTEM
151.7150 MC DONALDS ORDER SYSTEM
151.7750 MC DONALDS ORDER SYSTEM
151.8950 MC DONALDS ORDER SYSTEM
154.5700 MC DONALDS ORDER SYSTEM
154.6000 MC DONALDS ORDER SYSTEM
169.4450 MC DONALDS ORDER SYSTEM
170.2450 MC DONALDS ORDER SYSTEM
171.1050 MC DONALDS ORDER SYSTEM
171.9050 MC DONALDS ORDER SYSTEM
464.0125 MC DONALDS ORDER SYSTEM
464.1125 MC DONALDS ORDER SYSTEM

464.1375 MC DONALDS ORDER SYSTEM
464.1625 MC DONALDS ORDER SYSTEM
464.1875 MC DONALDS ORDER SYSTEM
464.3125 MC DONALDS ORDER SYSTEM
464.3375 MC DONALDS ORDER SYSTEM
464.3875 MC DONALDS ORDER SYSTEM
467.0125 MC DONALDS ORDER SYSTEM
469.1125 MC DONALDS ORDER SYSTEM
469.1375 MC DONALDS ORDER SYSTEM
469.1625 MC DONALDS ORDER SYSTEM
469.1875 MC DONALDS ORDER SYSTEM
469.3125 MC DONALDS ORDER SYSTEM
469.3375 MC DONALDS ORDER SYSTEM
469.3875 MC DONALDS ORDER SYSTEM
162.4750 NATIONAL WEATHER SERVICE BOSTON
162.4000 NATIONAL WEATHER SERVICE PROVIDENCE
154.5700 NEW ENGLAND PATRIOTS
154.6000 NEW ENGLAND PATRIOTS
48.6400 NEW ENGLAND POWER (STORM EMERGENCY)
160.8450 NEWPORT DINNER TRAIN
464.7500 NEWPORT ISLANDER DOUBLE TREE
464.7750 NEWPORT ISLANDER DOUBLE TREE
465.0000 NEWPORT ISLANDER DOUBLE TREE
461.5750 NEWPORT MALL
151.8950 NEWPORT YACHTING CENTER
464.8750 OMNI BILTMORE HOTEL
469.2875 PAWTUCKET RED SOX BASEBALL
469.8125 PROVIDENCE CIVIC CENTER
464.3250 PROVIDENCE PERFORMING ARTS CENTER
464.4500 PROVIDENCE PERFORMING ARTS CENTER
122.9000 PROVIDENCE-DOWNTOWN HELICOPTERS
47.4200 RHODE ISLAND RED CROSS
47.6600 RHODE ISLAND RED CROSS
151.6550 RHODE ISLAND SCHOOL OF DESIGN
464.7750 ROCKY POINT PARK
464.8725 ROCKY POINT PARK
464.9250 ROCKY POINT PARK
464.9250 ROGER WILLIAMS PARK AND ZOO
464.6750 SHERATON TARA (AIRPORT)
33.1600 TACO BELL ORDER SYSTEM
33.4000 TACO BELL ORDER SYSTEM
154.5150 TACO BELL ORDER SYSTEM
154.5400 TACO BELL ORDER SYSTEM
457.5375 TACO BELL ORDER SYSTEM
461.0375 TACO BELL ORDER SYSTEM
461.0875 TACO BELL ORDER SYSTEM
461.5375 TACO BELL ORDER SYSTEM
464.3875 TACO BELL ORDER SYSTEM
464.9625 TACO BELL ORDER SYSTEM
466.0375 TACO BELL ORDER SYSTEM

466.5375 TACO BELL ORDER SYSTEM
468.3875 TACO BELL ORDER SYSTEM
469.9625 TACO BELL ORDER SYSTEM
154.6000 TREADWAY INN (NEWPORT)
453.3375 VETERANS AUDITORIUM
154.6000 WARWICK MALL
=09

--========================_5751498==_
Content-Type: text/plain; charset="us-ascii"

###
Jim Saul Internet: jsaul@jots1.np.atinc.com
Analysis & Technology, Inc. jsaul@cc.atinc.com
One Corporate Place Phone: (401) 849-5952 x3305
Middletown, R.I. 02842 Fax: (401) 847-6660
###

--========================_5751498==_--

5799. RS PRO Scanners

Newsgroup: rec.radio.scanner
Date: 1994-11-22 14:05:45 UTC
From: nlepoide@uk.oracle.com
Message-ID: <9411221405.AA27116@ukpyr2.uk.oracle.com>
Source record: 265408

I have been reading this newsgroup for a while now and I am having trouble knowing what the various scanners are !!

Can someone post either here or to my email address, a list of the RS PRO Scanners Past & Present. Stating which scanner succeeded which and if it is a desktop or handheld model. Also what are the frequencies for each scanner ??

A lot to ask for I know but any help will be gratefully received.

Nigel Le Poidevin
CompuServe (100046,2520)

5800. Re: ECPA give you the right to listen to Police/Fire ?

Newsgroup: rec.radio.scanner
Date: 1994-11-22 14:44:37 UTC
From: coolidge@zk3.dec.com
Message-ID: <3at04l$122@jac.zko.dec.com>
Source record: 265207

```
--
>>>: dallal@world.std.com (Jerry Dallal) wrote:

>>>Neither do *I*, which is why I asked if anyone else knew its contents!
>>>Sheesh!!! :-)

Sorry - you quoted at length from another section; I assumed you had
access to more. Please accept my apologies...

-------------------------------------------------------------------------------
Bayard R. Coolidge N1HO DISCLAIMER: The opinions expressed are
Digital Equipment Corp. solely those of the author, and not
Nashua, New Hampshire, USA those of Digital Equipment Corporation
coolidge@zk3.dec.com nor any other entity.
"Brake for Moose - It can save your life" - N.H. Fish & Game Dept.
-------------------------------------------------------------------------------
```

5801. Re: HELP: Yupi 7100

Newsgroup: rec.radio.scanner
Date: 1994-11-22 14:55:39 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <785516139snz@javiaton.demon.co.uk>
Source record: 265413

In article <3adbr2$ge2@oak.oakland.edu>
prvalko@saturn.acs.oakland.edu "prvalko" writes:
>
> Does anyone out in cyberspace have a service manual or other means of
> telling me the values of R82 and R83 in the Yupitero MVT-7100?
>

R82 is a 15 ohm, it needs to be 1 Watt metal oxide, R83, from memory (I'm at home) is a 10ohm. I have never seen any problems with this one but R82 has been known to go now and again.

Hope that helps

--
Cheers,
/--\
Jonathan Clough,	AOR - Alinco - Camnis - Commtel - Bearcat -
Javiation,	Fairmate - Icom - Sony - Lowe - Realistic -
Bradford, UK	Signal - Tandy - Uniden - Yupiteru & Others
Tel: +44 0 1274 732146 \---
Compu$$erve: 100117,535
Internet : Clough@javiaton.demon.co.uk
\--/

5802. Modem to Scanner - help!

Newsgroup: rec.radio.scanner
Date: 1994-11-22 15:02:33 UTC
From: starin@netcom.com
Message-ID: <starinCzoCGA.1Ew@netcom.com>
Source record: 265412

Before I go ahead and blow up my modem through experimentation, I thought I'd ask the gurus in this group if they know how to connect a radio tape out plug to the input of a modem. Any ideas?

thanks
--
Jeffrey
{New York}

5803. Icom or equivilent scanner wanted

Newsgroup: rec.radio.scanner
Date: 1994-11-22 15:17:41 UTC
From: rdervan@mindspring.com
Message-ID: <rdervan.193.000F4BE5@mindspring.com>
Source record: 265424
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I'm looking to purchase a full coverage handheld. If anyone has one for sale, please mail rdervan@mindspring.com

Thanks.

-Richard

5804. Re: Caller ID experiment results

Newsgroup: rec.radio.scanner
Date: 1994-11-22 15:20:29 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.195.000957BA@chevron.com>
Source record: 265418

In article <784603910@f747.n115.z1.ftn> Jerry.Smith@f747.n115.z1.fidonet.org (Jerry Smith) writes:
>From: Jerry.Smith@f747.n115.z1.fidonet.org (Jerry Smith)
>Subject: Re: Caller ID experiment results
>Date: 12 Nov 94 05:28:57 GMT

> -=> Quoting Shalom to All <=-

> Sh> From: septimus@acsu.buffalo.edu (Shalom)
> Sh>
> Sh> In article <39k2qh$lb5@newsbf01.news.aol.com>,
> Sh> Shawn4sk1 <shawn4sk1@aol.com> wrote:
> >I tried to do a basic Caller ID experiment being it makes for a great
> >weekend education project... A phone cord consists of a red (power?),
> >black (ground?), yellow and green wire and the RCA jack consists of a red
> >(positive) and a black (ground)... How to wire this all up together? I
> >didn't have a clue. I tried a few ways, keeping black and black connected
> >and attempting to call myself after connecting the various phone cord
> >colors to the red RCA wire. None of them phased my Caller ID box.
> >
> Sh> (snip)
> >Shawn
> Sh>
> Sh> The wires you are using aren't the right pairings. The red goes with
> Sh> the green, and the yellow with the black. I believe the red is the
> Sh> negative and the green is the positive (go yell at Western Electric for
> Sh> reversing the conventional red=hot arrangement). At one time the yellow

Wouldn't worry about reversing the polarity since most newer consumer equipment is not polarity sensitive. The color codes change depending on the cable used but the RJ11/RJ14 uses red/green and yellow/black. The colors aren't exactly reversed from the "conventional" if you consider that red is normally refered to a the "ring" lead (-48V) and the green, called "tip" is the ground reference (not to be confused with the "earth ground" on your AC outlet). The yellow and black would be used for a second line on a two line phone (RJ14) - black is "tip" and yellow is "ring".

><< truncated >>

> The red and green pairing is correct. Interesting story on the reason
>for reverse voltages. To keep it short, the reason for reverse voltage is
>that corrosion doesn't develop on the wiring.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

5805. Re: Aor 8000

Newsgroup: rec.radio.scanner
Date: 1994-11-22 16:18:25 UTC
From: irwin@inforamp.net
Message-ID: <3at5kh$jfj@inforamp.net>
Source record: 265417

The AOR 8000 comes with AA Nicads and a charger.

vhealey@crl.com (Victor Healey) wrote:

>
>Does anyone know what type of nicad pack the aor 8000
>takes? Is it a weird one?
>
>Why can't everyone make a scanner which takes easily
>available set of aa batteries?
>
>Vic
>
>PS I am still looking for a photocopy of the manuals
>to this scanner and interface.
>Jothnathan if you read this would you be interested in
>sell me a copy?
>
>E mailto:vhealey@crl.com
>My weather weather urls, if yoiu are using Netscape to
>read this click on next line
>
>http://www.atmos.uiuc.edu/wxworld/html/general.htmll
>
>http://rs560.cl.msu.edu/weather/interactive.html

5806. Re: 900 MHz digital cordless phones.

Newsgroup: rec.radio.scanner
Date: 1994-11-22 16:41:16 UTC
From: rshepard@interaccess.com
Message-ID: <rshepard.1.003EBD45@interaccess.com>
Source record: 265189

In article <salsa.14.0001ECB0@I.hate.mexican.food> salsa@I.hate.mexican.food writes:
>Date: Sun, 20 Nov 1994 02:04:16 +0000
>From: salsa@I.hate.mexican.food
>Subject: 900 MHz digital cordless phones.

>Is there anyway to monitor these transmission? Any digital to analog
>converter to output voice signals?
>How can one extend the range of these phones?

Most if not all 900 cordless phones are spread spectrum. You could monitor
with the right rcvr and correct algorithm. About as easy as monitoring MDTs :)

5807. Re: Activity in 72-76 Mhz Range

Newsgroup: rec.radio.scanner
Date: 1994-11-22 16:46:45 UTC
From: rshepard@interaccess.com
Message-ID: <rshepard.2.0043C26E@interaccess.com>
Source record: 265190

In article <3aqlp3$fmq@news1.digex.net> domonkos <domonkos@access.digex.net> writes:
>From: domonkos <domonkos@access.digex.net>
>Subject: Activity in 72-76 Mhz Range
>Date: 21 Nov 1994 17:35:30 GMT

>Searching between 72 - 74 Mhz netted some local voice pagers. I've
>locked on to at least three with moderate signal strengths. They seem
>very personal (non-comm) in nature. Anyone else hear these and are
>there presonal pagers used in the USA or are these bootleg.

>Andy

The paging activity in this band is the remote site links for area wide paging systems on VHF, UHF, and 900Mhz. They are not "bootleg". If you have 2 scanners, you can figure out which link is for what carrier by comparing the two. Also in this band are remote controlled model airplanes. Depending on where you are located, you may also hear remote links for a county or state police VHF,UHF voice system (pretty rare these days).

:)

5808. Re: Do police use DIGITAL TRANSMISSIONS?

Newsgroup: rec.radio.scanner
Date: 1994-11-22 16:50:39 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CzoHGF.96s@freenet.carleton.ca>
Source record: 265419

In a previous article, matthew@hal9000.apana.org.au (Matthew Volkmer) says:

>
>Can anyone tell me if their local police department use digital
>transmissions at all? (Cannot be understood on scanner!)
>
>I am just wondering if digital is used much throughout the world.

Yes and No!

The local police here at the moment do not, but they will be switching to
800 Mhz trunked, digital radios within 18-24 months when they all merge
into a regional police force.

10-4

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

5809. Re: Cellular Freq. Lock out...Since when?

Newsgroup: rec.radio.scanner
Date: 1994-11-22 18:07:28 UTC
From: WALLY@ukcc.uky.edu
Message-ID: <17076B892S86.WALLY@ukcc.uky.edu>
Source record: 265409
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3argmr$q2e@lucy.infi.net>
roebuck@infi.net (S. Timothy Roebuck) writes:

>
>How long have the FCC ruled to "lock out" cellular frequencies?

They passed it almost two years ago, I believe models in production in '95
are to be unmodifiable to recieve cellular frequencies.. That is,
not easily modified, such as swapping a diode or such..

>I understand some units can be modified and they proceed to get tougher
>to modify? But when did they decide to delete the cellular freq band?

They 'should' be impossible to modify, and the CPU supposidly has the
band locked out by programming so there isn't a way to receive cellular,
but I'll bet there will be few that it will be difficult to modify.

>
>I was talking with a Radio Shack man and he was quite evasive, like he
>thought I was the "Scanner Man" there to lock him up if he mentioned the
>word 'modification' or what frequency cellular phones operate.

He probably was just confused, cellular IS a pretty big word...

>He mentioned "bleed over". I owned a PRO-37 about 8 months ago and picked up
>some cellular calls. Is that what I received, "bleed over", or was the FCC
>rule just been put into affect?

I think he meant images from the cellular band.. My PRO-51 picks up
cellular perfectly on the upper image.. Such as I could tune to 896,
and actually be listening to 874.4000, which is a cellular band frequency.

Note, these are just examples..

Look for mods for your scanner.. I'll bet there are some.. But what is
the point? "Honey, I'm at the corner of x and y, I'll be home in about
five seconds..... I'm pulling into the garage...." or "Yo, you got
some smack (sp?) for my pos'"?

I'm more interested in mods to make the scanner more usable or enjoyable,
such as killing the keyboard beep or removing the squelch tail..

--- _
Walter _ //
R ⊗X/ Wally@POP.CC.UKY.EDU Wally@UKCC.UKY.EDU

5810. Scanning System

Newsgroup: rec.radio.scanner
Date: 1994-11-22 19:20:55 UTC
From: chris@ll.mit.edu
Message-ID: <1994Nov22.192055.8635@ll.mit.edu>
Source record: 265179

I posted this before, but I don't think it made it. If it did, please forgive me for the repost.

Does anyone know anything about the Seeker 500E Wideband Receiver and Remote Control Scanning System? It's put out by a company call System and Software International (SASI). I saw an ad for this in the back of a friends Monitor America book. The only thing I could get out of it was that it was a scanning system through a laptop computer. Can anyone give me more information about it? I tried to get in touch with the company to get more info, but I couldn't get through. I would really like to know how it works.

Thanks in advance,
Chris

BTW, to all of you that had given me advice on finding the Tac 5 frequency for Wilmington PD:

We are still trying, but we believe that it is one of the input channels. As soon as we are sure, I will post. I don't want to be giving out any bad info.

Thanks to all of you, too!

5811. Re: Rolling Stones Freq???

Newsgroup: rec.radio.scanner
Date: 1994-11-22 19:34:33 UTC
From: Chris Zimmerman <zimm@cybernetics.com>
Message-ID: <3ath49$rj3@jabba.cybernetics.net>
Source record: 265421

> what about the cordless gitaurs and microphones?
>

I use to work at a venue here in Charlotte NC we used 155.295,154.600
151.775 for our security. Each band would have their own radios that
they use generally in the 154-155MHz range some in the 460's. They
are low power radios so if you want to hear them you need to be real
close. As for the wireless mikes try 169.445, 169.505, 170.245, 170.305
171.105, 171.845, 171.905. The wireless mike have a range of about
1000 feet at best. Good luck!

Chris Zimmerman-

5812. Mobile scanner/antenna recommendation needed

Newsgroup: rec.radio.scanner
Date: 1994-11-22 19:45:41 UTC
From: amullick@vaxc.stevens-tech.edu
Message-ID: <1994Nov22.144541.1@vaxc.stevens-tech.edu>
Source record: 265422

I'm in the process of helping a friend of mine buy a birthday
gift for her husband, another friend of mine. Both myself and
the birthday-boy are members of our local volunteer first aid
squad and our paging system is terrible so most of us have to
depend on our scanners to hear a call.

We're looking to get a mobile scanner, and though no price range
has been decided, we're not looking for anything extravagent...
just something that works well. Our dispatch frequency is in the
33 MHz area and while there are a few other low frequency channels
of interest, most of our listening is done on 150 and 460-470 MHz
traffic. It would be nice if 800 MHz was available though.

I'm looking for recommendations on both scanners and antenna, given
the above and the fact that this is all going into a Saturn sedan.

It would be nice to have as unobtrusive installation as possible
though as (a) we're in a relatively high car theft area and (b) she's
not too fond of scanners and blue lights and the such.

Any feelings of the car radio + scanner antenna coupler so he only
needs one antenna? Anything else I should think about before telling
her what to buy?

Apu.....amullick@vaxc.stevens-tech.edu
WARNING: I DISCRIMINATE
E-mail is dealt with immediately;
Snail mail, if I have nothing to do (never) or I'm bored (sometimes)

5813. Re: Do police use DIGITAL TRANSMISSIONS?

Newsgroup: rec.radio.scanner
Date: 1994-11-22 21:14:48 UTC
From: cseymour@mbunix.mitre.org
Message-ID: <3atn08$37h@linus.mitre.org>
Source record: 265180

In article <3aneo4$7l4@hal9000.apana.org.au>, matthew@hal9000.apana.org.au (Matthew Volkmer) writes:
|>
|> Can anyone tell me if their local police department use digital
|> transmissions at all? (Cannot be understood on scanner!)
|>

New Hampshire (USA) State Police are moving to digital on high band VHF.
I believe it's still experimental, but progressing well.

5814. Radio Shack Service Center

Newsgroup: rec.radio.scanner
Date: 1994-11-22 21:19:08 UTC
From: dshalita@rogue.com
Message-ID: <1994Nov22.211908.26590@rogue.com>
Source record: 265181

Does Radio Shack have a Service Center where I can get info,
schematics, manuals, etc for there OLD products? Need phone number and
possibly email address.
Thanks, Dave
dshalita@rogue.com

--
Internet : dshalita@rogue.com
AMPR.ORG :lp.w6mik.ampr.org [44.16.0.29]
AMPR.ORG :w6mik.ampr.org [44.16.0.26]
7833 Cantaloupe Ave. Van Nuys, CA 91402

5815. PRO-2004 and radios for sale

Newsgroup: rec.radio.scanner
Date: 1994-11-22 21:43:48 UTC
From: doncline@teleport.com
Message-ID: <doncline.1.0015BB86@teleport.com>
Source record: 265211

RS PRO-2004, all modifications completed.
ICOM Dual Band IC-2410H
ICOM Dual Band IC-3230H
ICOM U400 Business Band
AZDEN PCS-600H VHF (136-174)
Regency RU-150 (Older Synth 450 Business Band)

All for sale, inquire if interested, reasonable offers invited.

5816. Re: Anaheim, CA., Freq's?

Newsgroup: rec.radio.scanner
Date: 1994-11-22 21:45:24 UTC
From: shooter486@aol.com
Message-ID: <3atopk$qkm@newsbf01.news.aol.com>
Source record: 265178

```
Anaheim Police 460.0500
Simplex 460.1500 (county wide)
Mutual Aid 460.5000 "
Information 460.3000 "

John Wayne Airport
ATIS 126.0000
Tower 119.9000
Tower 126.8000
Clearance Delivery 118.0000
Departure Control 128.3500

Anaheim Convention Center
Security 453.9500
```

5817. HAM Radio Forsale!

Newsgroup: rec.radio.scanner
Date: 1994-11-22 22:16:38 UTC
From: roebuck@infi.net
Message-ID: <3atqk6$efb@lucy.infi.net>
Source record: 265414
Cross-posted to: rec.radio.scanner,misc.forsale,alt.radio.scanner

Ham Radio Forsale!!

WAYSU Dual Band
VHF/UHF FM Transceiver
Model FT-470
Great shape

MAke offer!!!

--
My Escape From Unresourceful Thought is Illuminated Through
My Knowledge of the Progression on the Enlightened Path.
- S. Timothy Roebuck
>> roebuck@infi.net

5818. Re: almost found a perfect scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-22 22:31:13 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3atrfh$gb6$1@mhade.production.compuserve.com>
Source record: 265182

One thing I hate about the Pro2035 is the illogical orientation of some of the buttons. They're off to the far right of the scanner face, so it makes it tough to program in a bunch of freqs fast. I'm much happier programming the Pro2006 on-the-fly.

5819. Re: AOR 8000....can I get one in the US?

Newsgroup: rec.radio.scanner
Date: 1994-11-22 22:32:48 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3atrig$gb6$2@mhade.production.compuserve.com>
Source record: 265183

The AR8000s that are US-legal are now available from EEB for $649. Most dealers are going to be that price (ie Grove), but a few may be under $600.

-Jeff, CIS HamNet

5820. Re: fast scan / less sensitive?

Newsgroup: rec.radio.scanner
Date: 1994-11-22 22:34:26 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3atrli$gb6$3@mhade.production.compuserve.com>
Source record: 265184

Yes, I've noticed that the BC2500XLT skips over some weak ones on 800MHz when it's in Turbo mode, vs the Pro43 which searches at 50cps. The 2500XLT stops on the weak ones when going 20cps though.

-Jeff, CIS HamNet

5821. Re: Help! 800-Mhz Police Band

Newsgroup: rec.radio.scanner
Date: 1994-11-22 22:36:20 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3atrp4$gb6$4@mhade.production.compuserve.com>
Source record: 265185

To increase the range of your Pro51 when you're portable with it, buy a cellular ducky (because it'll work great on 800MHz Public Service) and a BNC/TNC adapter from RS.

-Jeff, CIS HamNet

5822. Re: Icom or equivilent scanner wanted

Newsgroup: rec.radio.scanner
Date: 1994-11-22 22:39:31 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3atrv3$gb6$5@mhade.production.compuserve.com>
Source record: 265415
Cross-posted to: alt.radio.scanner,rec.radio.scanner

If it's the R1 that you're interested in, Grove is throwing in a free GRE 800MHz scanner converter to receive ALL the 800MHz freqs, since the newest R1s are censored. This seems like a really good deal!

5823. Re: RS PRO Scanners

Newsgroup: rec.radio.scanner
Date: 1994-11-22 22:41:40 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3ats34$gb6$6@mhade.production.compuserve.com>
Source record: 265186

Considering that Radio Shack has been in business for over 70 years, plus the scanners in the UK, the USA and Canada may be a bit different from each other, I'd say that a complete reply to your request would be the size of a few dozen catalogs. :-)

-Jeff, CIS HamNet

5824. looking for author of scanner mod handbook

Newsgroup: rec.radio.scanner
Date: 1994-11-22 22:50:46 UTC
From: Rob.Cooter@launchpad.unc.edu
Message-ID: <3atsk6$fjt@bigblue.oit.unc.edu>
Source record: 265187

looking for information how to post news to fidonet to bill cheek???

--
-- --
Launchpad is an experimental internet BBS. The views of its users do not
necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
-- --

5825. Re: RS PRO Scanners

Newsgroup: rec.radio.scanner
Date: 1994-11-22 23:03:09 UTC
From: ron@fc.hp.com
Message-ID: <3attbd$nsi@tadpole.fc.hp.com>
Source record: 265188

Nigel Le Poidevin (nlepoide@uk.oracle.com) wrote:

: I have been reading this newsgroup for a while now and I am having trouble
: knowing what the various scanners are !!

: Can someone post either here or to my email address, a list of the RS PRO
: Scanners Past & Present. Stating which scanner succeeded which and if it is a
: desktop or handheld model. Also what are the frequencies for each scanner ??

: A lot to ask for I know but any help will be gratefully received.

: Nigel Le Poidevin
: CompuServe (100046,2520)

If you're in the States, drop by any Radio Shack store. Buy
a $.10 battery and give them your address, you'll be set with
sales flyers for life.

If you're not in the US, can you even buy these radios?

Ron Miller (who can't begin to answer your primary question)

5826. Re: Do You Want Fries With That?

Newsgroup: rec.radio.scanner
Date: 1994-11-22 23:16:46 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <CzozBz.8Dt@freenet.carleton.ca>
Source record: 265194

In a previous article, jim@ttech.com (Jim Wayda) says:

>Could someone please explain to me the recent fascination with scanning
>fast food restraunts? I really don't get it! There are certainly alot
>better things to scan!
>

It's not really the drive-thru frequencies most people are looking
for. If the drive thru is rigged with cordless headsets (i.e.
McDonalds), then there is usually an internal intercom included on the
headsets. With this intercom channel, employees can talk to one another
throughout the restaurant.

Listening to these frequencies during later hours when the restaurant
is not busy can sometimes prove to be quite interesting. :->

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

5827. Re: OptoScan456 and noise problem ?

Newsgroup: rec.radio.scanner
Date: 1994-11-22 23:28:39 UTC
From: mikes@ranger.enet.dec.com
Message-ID: <3atur7$n2a@nntpd.lkg.dec.com>
Source record: 264986

I also have an OptoScan456. One of the wires that you hook on (or solder as I did) needs to be routed as far away from a certain capacitor as possible. The assembly manual (at least the version I got) warned you about this problem. I even added some additional wire so I could route it _very_ far away and everything works fine now.

If you can't find the info in your manual, e-mail me and I will tell you the exact wire and cap to avoid.

Mike

5828. Re: AR8000 Alphanumeric labels

Newsgroup: rec.radio.scanner
Date: 1994-11-23 00:39:50 UTC
From: jkronz@pts.mot.com
Message-ID: <Czp36E.Evw@pts.mot.com>
Source record: 265193

Michael Schuster (schuster@panix.com) wrote:
: In article <3anpdn$erv@nntp.crl.com>, Vic <vhealey@crl.com> wrote:
: >schuster@panix.com (Michael Schuster) wrote:

: >If you have a label displaying instead of freq. how do you
: >find out what the freq under it is?

: The frequency is ALWAYS displayed.
: If you have programmed an alphanumeric label as well, it is displayed
: SIMULTANEOUSLY on a lower line of the display. If you have not programmed
: an alphanumeric label, that line is blank. This is a multi-line dot matrix
: display, and there is plenty of room to show you everything.

: >Did you buy the computer interface? I travel alot in my work and I thought
: >meaningful alphanumeric lables would help when I get
: >in areas I don't frequent since I can never remember what I
: >programed a given frequency for.

: I'm not going to buy the computer interface until there is decent software
: support (i.e. there is something to **DO** with it - other than post to
: the net that I have the computer interface and you don't). :-)

: Programming alpha labels is VERY tedious using the bare scanner. You use
: the arrow keys as a cursor and scroll through the entire ASCII and Kanji
^^^^^

They packed kanji into this??? or do you mean kata kana?

-jason

5829. AOR AR3000A

Newsgroup: rec.radio.scanner
Date: 1994-11-23 00:55:39 UTC
From: solon@obh.in-berlin.de
Message-ID: <KMOUBK4G@obh.in-berlin.de>
Source record: 265200

```
Hello out there !
"""""""""""""""""""
```

I am from Germany and I`m using a AOR AR�000A (100khz - 2.036 Ghz), which
you can buy here freely for 2000 German Marks. You are also allowed to
use it as long as you only listen yourself, don`t record or do anything
else with the gained information as store it in your brain ...

```
But, enough of that ...

My problem is: I am desperately seeking software for this scanner !

If anybody has some, knows an ftp-site for it - then please EMAIL me !

Many thanks in advance ...

Solon

--
\ Life is a game with an almost deadly end / Solon Luigi Lutz \
\ I don't mind / Tel + Fax +49-30-791 42 83 \
\ But you are dead for too long ! / EMAIL: solon@obh.IN-Berlin.DE \
\_____________________________________/ http://obh.IN-Berlin.DE/~solon/ \
```

5830. Re: Cellular Freq. Lock out...Since when?

Newsgroup: rec.radio.scanner
Date: 1994-11-23 01:15:09 UTC
From: Ben Hernandez <ben.hernandez@macsch.com>
Message-ID: <Czp4tA.5G3@draco.macsch.com>
Source record: 265191
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Jeez Tim, ,are you just visiting planet or what? I am not slamming you
but 70 percent of the threads in this newsgroup are about our draconian
government screwing us out of cell reception!

>How long have the FCC ruled to "lock out" cellular frequencies?
>I understand some units can be modified and they proceed to get tougher
>to modify? But when did they decide to delete the cellular freq band?

April 1994 was when it was enforced.

>He mentioned "bleed over". I owned a PRO-37 about 8 months ago and
picked up
>some cellular calls. Is that what I received, "bleed over", or was the
FCC
>rule just been put into affect?

It is called "Imaging"
Pay attention and follow this group and you will learn my son!
-Ben

5831. Police HQ shooting in DC

Newsgroup: rec.radio.scanner
Date: 1994-11-23 01:31:19 UTC
From: paulot@cais.com
Message-ID: <paulot-2211942032320001@paulot.cais.com>
Source record: 265195

Wow,was there some scanner action in DC today!Very unfortunate
hapening,several people were killed.SOD channel was particularly
active,where I learned about the end of the standoff about 15 minutes
before the press got wind of it.
I was particularly interested to find the frequencies for the Emergency
Response Team,the local SWAT team.Anyone who's got them,I would apreciate
any info.

--
Paulo A. Teixeira "Free speech is the right to shout
N3MGA@WA3TAI.NOAM.MD 'THEATER' in a crowded fire."
Gallery's BBS 202-333-0407 - A yippie proverb

5832. Re: Wanted: Freqs for Walt Disney World

Newsgroup: rec.radio.scanner
Date: 1994-11-23 01:35:44 UTC
From: zen@ccs.neu.edu
Message-ID: <3au69g$6ns@narnia.ccs.neu.edu>
Source record: 265196

Fred Trask (trask@sugar-land.anadrill.slb.com) wrote:
: I can't locate my freq list for Walt Disney World. I know it has been
: posted here before and would appreciate it if some kind sole would send
: me a copy by email (Trask@sugar-land.anadrill.slb.com) because I am
: leaving for Florida tomorrow eve. I know someone in this group can make
: this imposible request possible.

I have them up on my web page (http://dice.dac.neu.edu/Homepages/paul).. If
you dont have access to a client, lemme know and I will post 'em for ya..
Paul

--

Paul Nash ||------- PGP Key Available By Fingering me----------
zen@denali.ccs.neu.edu ||http://dice.dac.neu.edu/Homepages/paul
---

5833. College Football

Newsgroup: rec.radio.scanner
Date: 1994-11-23 01:45:13 UTC
From: scan911@aol.com
Message-ID: <3au6r9$oe@newsbf01.news.aol.com>
Source record: 265197

Most colleges use business frequencies for athletic departments, but a few use local government channels, too. Check Police Call and Beyond Police Call.

Chuck
scan911@aol.com

5834. (Q)/newby/Trident

Newsgroup: rec.radio.scanner
Date: 1994-11-23 02:10:53 UTC
From: costello@attain.com
Message-ID: <costello-2211942110530001@199.3.131.108>
Source record: 265198

Can anyone supply some info on the TR 2400 or the TR 1200 XLT from Ace?
I'm looking at those as well as the Pro 51.

Thanks!

--
Michael Costello Attain Corporation costello@attain.com

5835. Re: Police HQ shooting in DC

Newsgroup: rec.radio.scanner
Date: 1994-11-23 02:21:10 UTC
From: mpage@netcom.com
Message-ID: <mpageCzp7vA.3J4@netcom.com>
Source record: 265199

: I learned about the end of the standoff about 15 minutes
: before the press got wind of it.

I hate to bust your bubble but: Our affiliate in DC was giving us shot by shot of the situation in DC and we sent it on to our media clients here on the west coast. Glad you were able to hear it, but so did the media!

--

==========
Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
MEDIA PAGE
Internet: mpage@netcom.com Breaking Stories to the
CIS: 71674,1610 News Media since 1978
==========

5836. Re: Activity in 72-76 Mhz Range

Newsgroup: rec.radio.scanner
Date: 1994-11-23 02:21:55 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Czp7wJ.KL3@nntpa.cb.att.com>
Source record: 265420
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3aqlp3$fmq@news1.digex.net>,
domonkos <domonkos@access.digex.net> wrote:

>Searching between 72 - 74 Mhz netted some local voice pagers...

In addition to paging and radio links, the 72 - 76 MHz range
is used in factories and mills for industrial remote control devices,
e.g., large overhead cranes.

Caterpiller Tractor, John Deere, and the steel plants around the Midwest
are licensed on several frequencies. I sometimes find midband
Motorola HT-220 Handie-Talkies being sold at hamfests here in Illinois.
Some are equipped with unusual control pods with pushbuttons and
switches instead of remote speaker/microphones.

Here's a couple of non-paging confirmations for you:

72.0400 wnrx984___alumax mill products inc, 5555 e hwy 6, pl114.8, data
[morris, il] (B Parnass)

75.5200 low kj5196____inland steel, train crew, pl4a
[e chicago, in] (B Parnass)

--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5837. Pro-46 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-11-23 03:42:32 UTC
From: bl058@FreeNet.Carleton.CA
Message-ID: <CzpBMw.K16@freenet.carleton.ca>
Source record: 265213

Does anyone know if there are modifications available for the Netset
Pro-46 (Canadian model)?

Thanks,

Dan Stark

--
Dan Stark
Internet: dstark@freenet.cosc.brocku.ca
Fidonet: 1:247/128
St. Catharines, Ontario, Canada

5838. Re: HAM Radio Forsale!

Newsgroup: rec.radio.scanner
Date: 1994-11-23 04:27:18 UTC
From: twise@shell.portal.com
Message-ID: <3augb6$5me@news1.shell>
Source record: 265175
Cross-posted to: rec.radio.scanner,misc.forsale,alt.radio.scanner

roebuck@infi.net (S. Timothy Roebuck) writes:

There is no such ham radio as a WAYSU.

Travis, KB8FOU

>Ham Radio Forsale!!

>WAYSU Dual Band
>VHF/UHF FM Transceiver
>Model FT-470
>Great shape

>MAke offer!!!

>--
> My Escape From Unresourceful Thought is Illuminated Through
> My Knowledge of the Progression on the Enlightened Path.
> - S. Timothy Roebuck
> >> roebuck@infi.net

--

Travis A. Wise
twise@sparta.sjsu.edu

5839. Re: HAM Radio Forsale!

Newsgroup: rec.radio.scanner
Date: 1994-11-23 04:33:42 UTC
From: roebuck@infi.net
Message-ID: <3augn6$t7u@lucy.infi.net>
Source record: 265176
Cross-posted to: rec.radio.scanner,misc.forsale,alt.radio.scanner

Travis A. Wise (twise@shell.portal.com) wrote:
: roebuck@infi.net (S. Timothy Roebuck) writes:

: There is no such ham radio as a WAYSU.

****Note: This is a post for a friend. Given the info he gave me.***

--
My Escape From Unresourceful Thought is Illuminated Through
My Knowledge of the Progression on the Enlightened Path.
- S. Timothy Roebuck
>> roebuck@infi.net

5840. Re: HAM Radio Forsale!

Newsgroup: rec.radio.scanner
Date: 1994-11-23 04:36:21 UTC
From: roebuck@infi.net
Message-ID: <3augs5$t7u@lucy.infi.net>
Source record: 265177
Cross-posted to: rec.radio.scanner,misc.forsale,alt.radio.scanner

Travis A. Wise (twise@shell.portal.com) wrote:
: roebuck@infi.net (S. Timothy Roebuck) writes:

: There is no such ham radio as a WAYSU.

This demands clarification. Please note this has been a post for a friend.
This was the info given to me. I'm sure there is a unit brand name at least
'close' to what is listed.
--
My Escape From Unresourceful Thought is Illuminated Through
My Knowledge of the Progression on the Enlightened Path.
- S. Timothy Roebuck
>> roebuck@infi.net

5841. Re: Tracking Cellular Trunking

Newsgroup: rec.radio.scanner
Date: 1994-11-23 04:36:23 UTC
From: Alan Shen <kermee@u.washington.edu>
Message-ID: <Pine.ULT.3.91a.941122203434.8260C-100000@stein3.u.washington.edu>
Source record: 265205

> My question is: Can they purposely program the phones in that van to
> trunk?
> They might want to do that to discourage
> monitoring but I
> would think it would get annoying. I tend to
> think it was
> just a bad location that happend to be between
> two cells.

Discourage, maybe. But stop us? All you have to do is monitor the FORV channels and when they switch, switch with them. Of course this is with using a cellular phone in test mode which can decode it, but with a scanner, you'd probably need software and a computer.

- Daniel
KB7GFE

5842. Re: RS PRO-43... new model???

Newsgroup: rec.radio.scanner
Date: 1994-11-23 04:39:53 UTC
From: cwilkins@boink.clark.net
Message-ID: <CzpEAH.82H@boink.clark.net>
Source record: 265209

Sean Flynn (sflynn@freenet.vancouver.bc.ca) wrote:
: Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: : In article <09gVVc2w165w@west.darkside.com>, effigy@west.darkside.com (the effigy) writes:
: : > The scanner is only about a month old, and the salesman(?) at Radio Shack
: : > said that the Pro-43 had been re-designed to make modifications harder.
: : > He also said that the one I bought is 'probably' still the old 'easily
: : > modifiable' version. I've read some rumors to this effect, and that there
: : > was some way to tell by looking at the model/serial number of the unit...
: : >
: : If there's an A in your serial number, you're out of luck--it's not modifiable.

: Just what was changed after they added the A? Did they just hack off
: the D3-D4 section of the board or was there significant rewiring? If
: you had a PRO-43 with an A in the serial, could you put a diode in
: across one of the leads somewhere (it probably wouldn't be as secure or
: good as if done with an older model, but if you are just trying to "force"
: the scanner to pick up cellular, lets say) or would you have to build
: a whole new circuit board? (and if you're building the board, how big
: would this board have to be - what stuff would need to be on it?)

It's my understanding that what the FCC was shooting for is to have the units changed so that they could not be "readily modified." Now whether that means they just move the diode to the other side of the board or make new chips that are simply incapable of tuning cellular, I don't know. I do know that the FCC would prefer the latter. :-/

It wouldn't be that hard to make an IC that due to it's internal programming, is quite unable to tune cell calls, period. It's not however the most desireable option even from the manufacturer's standpoint. You know the reason that previous scanners have been so easy to modify? It's not necessarily done to make _you_ happy here in the US. It's done so that by simply placing or omitting a 10 cent diode or resistor on the PC board, they can sell the same basic scanner overseas where they have a different frequency plan. i.e. - our cell frequencies here are either not cell freqs there or are otherwise completely legal to receive. The country in question may have other freqs that would be "optioned out" for legal or other reasons by some of those other diodes on the board. For instance, I understand that in Europe, they use some part of 900mhz for cordless fones and that it is illegal to receive them. Dunno if they strongarmed the scanner makers into removing the band though...
--
|o|-------------------------|o|
|o| Charlie Wilkinson |o|
|o| "ChaswalD The Compiler" |o|

```
|o| cwilkins@boink.clark.net |o|
|o| Paquette: |o|
|o| N3HAZ@KA3RFE.MD.USA.NA |o|
|o| Ask me about |o|
|o| ACME brand Packet Wax! |o|
|o|-------------------------|o|
```

5843. Re: HAM Radio Forsale!

Newsgroup: rec.radio.scanner
Date: 1994-11-23 09:08:01 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov23.090801.24413@hpcvaac.cv.hp.com>
Source record: 265192
Cross-posted to: rec.radio.scanner,misc.forsale,alt.radio.scanner

roebuck@infi.net (S. Timothy Roebuck) writes:
: Travis A. Wise (twise@shell.portal.com) wrote:
: : roebuck@infi.net (S. Timothy Roebuck) writes:
:
:
: : There is no such ham radio as a WAYSU.
:
: This demands clarification. Please note this has been a post for a friend.
: This was the info given to me. I'm sure there is a unit brand name at least
: 'close' to what is listed.

Yep, it is Yaesu. Your friend gets 60% on his letter by letter spelling
test. He failed.

Bill

5844. Hello.....

Newsgroup: rec.radio.scanner
Date: 1994-11-23 10:13:00 UTC
From: ken.snipes@woodybbs.com
Message-ID: <93.1306.7592.0NFB6469@woodybbs.com>
Source record: 265022

With this message....

The Listening Post BBS
Hampton, Va.
Becomes a new member of AR-Net

Hope to enjoy many good conversations with all of you!

Ken Snipes , KD4IEN
Sysop of The Listening Post BBS.

--- From Ken's PVT Point
* Origin: (1:271/263)

5845. Re: Radio Shack Service Center

Newsgroup: rec.radio.scanner
Date: 1994-11-23 11:30:40 UTC
From: mulligan@ACM.ORG
Message-ID: <3av950$g8b@hopper.acm.org>
Source record: 264985

dshalita@rogue.com (David Shalita) asked:
> Does Radio Shack have a Service Center where I can get info,
> schematics, manuals, etc for there OLD products?

Manuals and replacement parts for all Tandy products can be ordered from:

Tandy National Parts
900 E. Northside Dr.
Fort Worth TX 76102
(800) 442-2425
(817) 870-5600

Give them the catalog nbr of the device and ask for the Service Manual. If it's an old product they may supply a photo-copy. National Parts provides great service and is probably the best run division in Tandy (how's that for damning with faint praise <g>).
/* barry /&

5846. Re: PRO-43 DISCONTINUED?

Newsgroup: rec.radio.scanner
Date: 1994-11-23 13:03:55 UTC
From: komkit@clark.net
Message-ID: <3avejr$8kj@clarknet.clark.net>
Source record: 264995
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Brad Steinman, N8ZRP (cscon0151@uoft02.utoledo.edu) wrote:

: The PRO-43 is discontinued folks, and the ones that are floating around are of
: the non-celluar-modifiable type. The PRO-62 looks like a GRE product, and
: essentially functions exactly like the 43, however the case is different, and
: there is no military air band. Not have military band is a strange move by
: GRE, no legislation forbids military-air-capable scanner production.

: Later...

U'm what do you mean by no military-air-capable? What are Military-air
freq' started from? I just bought one pro-43 yesterday.. u'mm I don't
know maybe the one I've got is the one that left over that still have
military-air band in it.
Is military band like military airport (126.2) emergency (243.0) blue
angels (250.8)and so on?? Is that what you were saying that NEW pro-43
cannot punch into the program?
Or please let me know what freq' that NEW pro-43 cannot do or scans, so
I can take a close look on my pro-43 one day old and see if it
new-version or the one that left over..

thanks

5847. Re: RS PRO-43... new model???

Newsgroup: rec.radio.scanner
Date: 1994-11-23 13:16:59 UTC
From: komkit@clark.net
Message-ID: <3avfcb$8kj@clarknet.clark.net>
Source record: 265202

the effigy (effigy@west.darkside.com) wrote:

: now wait, is it the FCC ID# or the Serial Number? I guess it doesn't
: really matter, there's an A at the beginning of the serial number too..

: shoot.

Arg! u'm eek!.... I bought pro-43 yesterday, I don't know if it is old
one or new one.. On the FCC ID# has an A up front but there's no A up
front on S/N, so is it new or old? can anybody tell me???

5848. Re: US Troops fire on US citizens?

Newsgroup: rec.radio.scanner
Date: 1994-11-23 13:40:23 UTC
From: kkearney@blkbox.com
Message-ID: <3avgo7$6e8@news.blkbox.com>
Source record: 265203

Glenn Hansen (glennh@pnw.net) wrote:
: CHRISTOPHER L. BOES (cboes@osf1.gmu.edu) wrote:
: : Andy Domonkos (domonkos@access.digex.net) wrote:
: : : In article <cjs9.171.000C60F1@cornell.edu>, Carl Steckler wrote:
: : : >
: : : > Kent state was National Guard. They have no Constitutional prohabition on
: : : > acting against U.S. citizens as the U.S. military does. But the thought that
: : : > scares the hell out of me is that somewhere someone is thinking about using
: : : > troops to forcibly take our scanners\guns\liberties away. Paranoid maby, but
: : Forget U.S. troops, it is the BATF that we should worry about. They
: : kill innocent people every day, just because they legally own guns and
: : the BATF arbitrarily decided they should not.

: Hey, right arm brother!! But the bad news is they are just using firearms
: as a training exercise. Their real goal is to take our scanners and kiddie
: porn from us! I know, those suckers are hiding out in the bushes around my
: house all the time. I heard they have people monitoring the Internet to
: get the names of people that talk about guns and scanners. They then fly
: elite troops from area 51 in stealth troop transports and these suckers
: parachute into your yard and hide in the bushes. Want proof?? The ones in
: my backyard monitor 162.475 on their radios. Yea, you got it, the
: National Weather Service. The FEDS!!! Don't you wonder why you can hear
: these stations from anyplace in the United States? What the hell for???
: You can get the weather on Channel 33 or 17 anytime you want. Tune KIRO
: News radio if you want the weather. NOOO! They need them to send coded
: messages to the trained snipers. Hey! Don't get any ideas about blowing
: up a National Weather Service transmitter. Won't work, they will just
: switch to WWV. Listen to it sometimes. Underneath WWV's signal you can
: hear some female government bimbo giving out coded instructions. I know
: I've heard her. When the Internet goes dry for the Feds they get lists
: from Monitoring Times, Popular Communications and Radio Shack to pinpoint
: scanner owners. Sure they do, they pretend to be advertisers and need new
: mailing lists. A lot of that radio related junk mail you receive is
: really sent by the Feds. Next time you get that extra or duplicate junk
: mail you can bet that one of them has a bug or an electronic scanner
: detector in it. THAT IS HOW THE FEDS GET IN YOUR HOUSE!!! I don't allow
: any mail in my house at all. I knew a guy that found a remote television
: camera and transmitter in GRE catalog. Ain't gonna happen to me! Now you
: have been warned. When those boys start dropping scanner owners like fish
: in a barrel don't say I didn't warn you!!

:
: **********
: When guns are OUTLAWED only OUTLAWS will accidently
: kill their children and loved ones.

: **********
: --
: Glenn Hansen - KB7PKC
: <glennh@pnw.net>
: Tacoma, Wa
Ive heard about about you guys in Washington state....now I know why!

5849. NOAA Satellite Reception

Newsgroup: rec.radio.scanner
Date: 1994-11-23 13:45:55 UTC
From: rossl40555@aol.com
Message-ID: <3avh2j$21h@newsbf01.news.aol.com>
Source record: 265204

Is there anyone out there that would know how to modify a Bearcat 560 so that the intermediate frequency bandwidth is between 35 to 50kHz?

I would also be greatful for any other information on systems (like Vanguard) for receiving APT satellite images. I am trying to put together a system for our school and am facing budget restraints as well as those that think I'm nuts, so any help would be welcome.

Thanks,
Ross

5850. Re: The Radio Listening Spectrum

Newsgroup: rec.radio.scanner
Date: 1994-11-23 14:37:43 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.29.000EA15A@ccm.hf.intel.com>
Source record: 264982
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Here is a nice HF freq list that I picked up a long time ago. Sorry I don't know who the original author was. Enjoy!

This is a high frequency band guide detailing the various services throughout the HF band. Listed are such things as the SW broadcast, Amateur, Marine, Aircraft, Fixed, Mobile and CB services.

SHORTWAVE FREQUENCIES BAND GUIDE

FREQ BAND KHZ CODE SERVICE COMMENTS
--- --- --- ---

535 - 1705 LOCAL AM Broadcast Standard North America AM
1705 - 1800 FIXED Fixed Service Land/Mobile/Marine
1800 - 2000 HAM Amateur 160 Meters
2000 - 2107 MARINE Maritime Mobile
2107 - 2170 FIXED Fixed Service Land/Mobile/Marine
2170 - 2194 MOBILE Land Mobile Service
2194 - 2300 FIXED Fixed Service
2300 - 2495 SWBC Shortwave Broadcast 120 Meters
2495 - 2505 TIME Time Standard
2505 - 2850 FIXED Fixed Service Land/Mobile/Marine
2850 - 3155 AIR Aeronautical Mobile Transoceanic Flights
3155 - 3200 FIXED Fixed Service
3200 - 3400 SWBC Shortwave Broadcast 90 Meters
3400 - 3500 AIR Aeronautical Mobile Transoceanic Flights
3500 - 4000 HAM Amateur 80/75 Meters
3500 - 3750 CW Amateur 80 Meter CW Extra
3525 - 3750 CW Amateur 80 Meter CW Advanced, General
3700 - 3750 CW Amateur 80 Meter CW Novice, Technician
3750 - 4000 PHONE Amateur 75 Meter PHONE Extra
3775 - 4000 PHONE Amateur 75 Meter PHONE Advanced
3850 - 4000 PHONE Amateur 75 Meter PHONE General
3900 - 4000 SWBC Shortwave Broadcast 75 Meters, Not in Region 2
4000 - 4000 TIME Time Standard New WARC Allocation Region 3
4000 - 4063 FIXED Fixed Service
4063 - 4438 MARINE Maritime Mobile Ship / Shore
4438 - 4650 FIXED Fixed Service
4650 - 4750 AIR Aeronautical Mobile Transoceanic Flights
4750 - 5060 SWBC Shortwave Broadcast 60 Meters
5000 - 5000 TIME Time Standard WWV
5005 - 5450 FIXED Fixed Service
5450 - 5730 AIR Aeronautical Mobile Transoceanic Flights

5730 - 5950 FIXED Fixed Service
5950 - 6200 SWBC Shortwave Broadcast 49 Meters
6200 - 6525 MARINE Maritime Mobile Ship / Shore
6525 - 6765 AIR Aeronautical Mobile Transoceanic Flights
6765 - 7000 FIXED Fixed Service
7000 - 7300 HAM Amateur 40 Meters
7000 - 7150 CW Amateur 40 Meter CW Extra
7025 - 7150 CW Amateur 40 Meter CW Advanced, General
7100 - 7150 CW Amateur 40 Meter CW Novice, Technician
7150 - 7300 PHONE Amateur 40 Meter PHONE Extra, Advanced
7225 - 7300 PHONE Amateur 40 Meter PHONE General
7100 - 7300 SWBC Shortwave Broadcast 41 Meters, Not in Region 2
7300 - 8195 FIXED Fixed Service
7335 - 7335 TIME Time Standard CHU Canada
8000 - 8000 TIME Time Standard New WARC Allocation Region 3
8195 - 8815 MARINE Maritime Mobile Ship / Shore
8815 - 9040 AIR Aeronautical Mobile Transoceanic Flights
9040 - 9500 FIXED Fixed Service
9500 - 9900 SWBC Shortwave Broadcast 31 Meters
9775 - 9995 FIXED Fixed Service
10000 - 10000 TIME Time Standard WWV
10005 - 10100 AIR Aeronautical Mobile Transoceanic Flights
10100 - 10150 HAM Amateur 30 Meters CW Only
10100 - 10150 CW Amateur 30 Meters Extra, Advanced, General
10100 - 11175 FIXED Fixed Service
11175 - 11400 AIR Aeronautical Mobile Transoceanic Flights
11400 - 11650 FIXED Fixed Service
11650 - 12050 SWBC Shortwave Broadcast 25 Meters
12050 - 12330 FIXED Fixed Service
12330 - 13200 MARINE Maritime Mobile Ship / Shore
13200 - 13360 AIR Aeronautical Mobile Transoceanic Flights
13360 - 13600 FIXED Fixed Service
13600 - 13800 SWBC Shortwave Broadcast New WARC Allocation
13800 - 14000 FIXED Fixed Service
14000 - 14350 HAM Amateur 20 Meters
14000 - 14150 CW Amateur 20 Meters Extra
14025 - 14150 CW Amateur 20 Meters Advanced, General
14150 - 14350 PHONE Amateur 20 Meters Extra
14175 - 14350 PHONE Amateur 20 Meters Advanced
14225 - 14350 PHONE Amateur 20 Meters General
14350 - 14995 FIXED Fixed Service
15000 - 15000 TIME Time Standard WWV
15010 - 15100 AIR Aeronautical Mobile Transoceanic Flights
15100 - 15600 SWBC Shortwave Broadcast 19 Meters
15600 - 16460 FIXED Fixed Service
16460 - 17360 MARINE Maritime Mobile Ship / Shore
17360 - 17550 FIXED Fixed Service
17550 - 17900 SWBC Shortwave Broadcast 16 Meters
17900 - 18030 AIR Aeronautical Mobile Transoceanic Flights
18030 - 18780 FIXED Fixed Service

18780 - 18900 MARINE Maritime Mobile Ship / Shore
18900 - 19680 FIXED Fixed Service
19680 - 19800 MARINE Maritime Mobile Ship / Shore
19800 - 21000 FIXED Fixed Service
21000 - 21450 HAM Amateur 15 Meters
21000 - 21200 CW Amateur 15 Meters Extra
21025 - 21200 CW Amateur 15 Meters Advanced, General
21100 - 21200 CW Amateur 15 Meters Novice, Technician
21200 - 21450 PHONE Amateur 15 Meters Extra
21225 - 21450 PHONE Amateur 15 Meters Advanced
21300 - 21450 PHONE Amateur 15 Meters General
21450 - 21850 SWBC Shortwave Broadcast 13 Meters
21850 - 22000 AIR Aeronautical Mobile
22000 - 22720 MARINE Maritime Mobile Ship / Shore
22720 - 23200 FIXED Fixed Service
23200 - 23350 AIR Aeronautical Mobile
23350 - 24990 FIXED Fixed Service
24890 - 24990 HAM Amateur 12 Meters Shared with above Fixed Sve.
24890 - 24930 CW Amateur 12 Meter Extra, Advanced, General
24930 - 24990 PHONE Anateur 12 Meter Extra, Advanced, General
25000 - 25000 TIME Time Standard
25010 - 25330 INDUST Petroleum Industry
25330 - 25600 GOVERN Government Freq.
25600 - 26100 SWBC Shortwave Broadcast 11 Meters
26100 - 26480 MOBILE Land Mobile Service
26480 - 26950 GOVERN Government
26950 - 26960 FIXED International Fixed Sve
26960 - 27410 CB Citizen's Band Channels start at 26965 by 10
27410 - 27540 MOBILE Land Mobile Service
27540 - 28000 GOVERN Government
28000 - 29700 HAM Amateur 10 Meters
28000 - 28300 CW Amateur 10 Meter Extra, Advanced, Genral
28100 - 28200 CW Amateur 10 Meter Novice, Technician
28300 - 28500 PHONE Amateur 10 Meter Novice, Technician
28300 - 29700 PHONE Amateur 10 Meter Extra, Advanced, General
29700 - 29800 INDUST Forestry Service
29800 - 29890 FIXED Fixed Service
29890 - 29910 GOVERN Government
29910 - 30000 FIXED Fixed Service
--

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5851. Re: Good wideband mobile antenna?

Newsgroup: rec.radio.scanner
Date: 1994-11-23 14:43:08 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3avkdsdtr1@mhadg.production.compuserve.com>
Source record: 265208

Hi, Pete. :-)

You know that the RS 2m whip gets my vote. It's excellent on VHF-Lo.

-Jeff

5852. Re: HAM Radio Forsale!

Newsgroup: rec.radio.scanner
Date: 1994-11-23 14:58:03 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Nov23.095803.3097@hnrc.tufts.edu>
Source record: 265206
Cross-posted to: rec.radio.scanner,misc.forsale

Someonw wrote:
>
> There is no such ham radio as a WAYSU.

Why give the guy a hard time? It's probably a Yaesu. The model number is certainly consistent with their system, although I don't know the particular model. Try rec.radio.swap

>
>>Ham Radio Forsale!!
>
>>WAYSU Dual Band
>>VHF/UHF FM Transceiver
>>Model FT-470
>>Great shape
>
>>MAke offer!!!

5853. Re: HAM Radio Forsale!

Newsgroup: rec.radio.scanner
Date: 1994-11-23 15:07:34 UTC
From: dbushong@wang.com
Message-ID: <Czq7Cn.6It@wang.com>
Source record: 264996
Cross-posted to: rec.radio.scanner,misc.forsale,alt.radio.scanner

twise@shell.portal.com (Travis A. Wise) writes:

>roebuck@infi.net (S. Timothy Roebuck) writes:

>There is no such ham radio as a WAYSU.

>Travis, KB8FOU

>>Ham Radio Forsale!!

>>WAYSU Dual Band
>>[...]

There also seems to be no ham named "S. Timothy Roebuck". I wonder
where he got the WAYSU in the first place and who the previous owner
was......

--
Dave Bushong
Wang Labs

5854. Re: Idea for Tracking Trunking

Newsgroup: rec.radio.scanner
Date: 1994-11-23 15:13:08 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.30.000F387C@ccm.hf.intel.com>
Source record: 264987

In article <starinCzFv6H.Dzr@netcom.com> starin@netcom.com (Jeffrey Starin) writes:
>and their associated meanings. For example, if "Zzzt"
>means go to channel 2, and "Zzzzzzzt" means go to
>channel 3, then you could theoretically train the
>recognition software to display on your screen
>a channel number. Obviously the human ear is incapable
>of detecting the minute differences between "Zzzt" and
>"Zzzzzzzt", but perhaps the right voice recognition
[snip]

While I think sound cards have huge potential for solving this problem, I don't think your idea will work.
I have a feeling that the voice recognition software is not going to be able to decode such minor variations in sound. I think the variaiation of swapping a few bits here and there will slip right by the recognition software.
Another problem is that there is a constant stream of data so voice recognition software would not know where one word ended and the next began.
Also, because the nature of trunking it is not sufficient just to decode the "go to ch.x" information. You need to know which group or groups of users the control channel is directing.

A simple method might be to actually try to recognize the voice of the person whose conversation you are trying to follow. But the downside is that usually when the repeater drops, a the second person is the one responding, so looking for the person who was talking before the repeater dropped won't do you much good.

The real use of sound cards is to utilize the DSP features to actually decode the digital data provided the sampling rate is high enough.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5855. AOR 8000

Newsgroup: rec.radio.scanner
Date: 1994-11-23 15:19:02 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3avmh6$k2l@sparc.occ.uky.edu>
Source record: 265210

Has anyone figured out how to eliminate the "Welcome" message?

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

5856. Software for Uniden MR8100 ??

Newsgroup: rec.radio.scanner
Date: 1994-11-23 15:28:12 UTC
From: tham@fas.harvard.edu
Message-ID: <3avn2c$l03@decaxp.harvard.edu>
Source record: 265212

Does any one know there are shareware to program MR8100 scanner? If there is such a software, name and place where I can download from it please. My disk with SCAN.EXE had a bad sector in it. I might get ScanStar Pro which will also program the 8100 and use it with my OptoScan456 also, but that cost $80.00 plus shipping.
If you have a SCAN.EXE and willing to e-mail me a .uue version, I think that might works too.

Please e-mail, thanks in advance

Fu

5857. Re: Modem to Scanner - help!

Newsgroup: rec.radio.scanner
Date: 1994-11-23 15:31:45 UTC
From: mikes@ranger.enet.dec.com
Message-ID: <3avn91$sbb@nntpd.lkg.dec.com>
Source record: 265038

If you are using a regular PC modem I don't think you will have much success.
As far as I know the modulation methods used for radio transmissions are
different from those used over telephone lines. You can however purchase
a device which understands the various radio modulation schemes used.
There are a number of these sold by companies such as MFJ and others.

Mike

5858. Re: AOR 8000....can I get one in the US?

Newsgroup: rec.radio.scanner
Date: 1994-11-23 16:23:33 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.31.001064FC@ccm.hf.intel.com>
Source record: 264989

In article <1994Nov21.104901.113514@daniel> hglassma@daniel.drew.edu writes:

>Is the AOR-8000 available in the USA? I called A.C.E. Communications
>and they said that is was not CERTIFIED for sale in the US. The guy
>said it may never be certified (by the FCC).

>Is this true? Then is it possible to get one in the US at all?

>What is the cost? I heard $500.

Don't trust ACE for any AOR related information. They have a poor reputation and no longer are authorized to sell AOR scanners. EDCO is now the primary company.

In theory, the AR8000 is now available in the USA. From what I heard, no one has them in stock yet. It already has FCC approval. Call EEB for reliable info. The price will be a little over $600, last I heard. Grove also plans to sell them (Grove's price: $649.95)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

5859. AOR AR1000XLT Scanner FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-11-23 17:11:56 UTC
From: hkarabey@megatest.com
Message-ID: <CzqD45.2u3@megatest.com>
Source record: 265223

Hello all, I have the following for sale:

AOR AR1000XLT Hand held scanner
NiCads
Whip Antenna
Charger
Soft carrying case
belt clip

If you are interested, the price is $300 firm.
email if interested or call (408)441-2933

C
D
D
Bi
A

5860. Digital formats?

Newsgroup: rec.radio.scanner
Date: 1994-11-23 17:31:23 UTC
From: clifto@indep1.chi.il.us
Message-ID: <CzqE0C.JFt@indep1.chi.il.us>
Source record: 264979

I've heard some digital transmissions recently on 155.325 MHz, but don't recognize the sound of the modems (i.e., they're not Bell 202 "packet" modems but they fit in a 15 KHz channel). Anyone know anything about how to decode?

--
Cliff Sharp Never get into fights with ugly people.
WA9PDM They have nothing to lose.
clifto@indep1.chi.il.us --The Fourth Law of Reality

5861. Re: still available

Newsgroup: rec.radio.scanner
Date: 1994-11-23 17:36:06 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CzqE86.3Ds@nntpa.cb.att.com>
Source record: 264975

I heard that Grove Enterprises *may* have recently acquired a quantity
of restorable Uniden/Bearcat 200xlt (yes, 200xlt) portable scanners
for resale.

Sorry, I have no further info about this.
--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5862. Re: PRO-43 DISCONTINUED?

Newsgroup: rec.radio.scanner
Date: 1994-11-23 17:53:31 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CzqF17.3KC@nntpa.cb.att.com>
Source record: 264999
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <CzDyBn.n1u@utnetw.utoledo.edu>,
Brad Steinman, N8ZRP <cscon0151@uoft02.utoledo.edu> wrote:

>.... The PRO-62 looks like a GRE product, and
>essentially functions exactly like the 43,
>however the case is different, and
>there is no military air band.....

The portable PRO-62 is made by GRE and the sample I have
is more immune to intermod than my PRO-43, especially in
the 160-162 MHz railroad range.

Although both use up conversion and are triple conversion, the
IF frequencies are different in the PRO-62 and PRO-43.
The band edges are slightly different, too.

I'm just finishing up a review of the PRO-62.
--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5863. Re: AOR 8000....can I get one in the US?

Newsgroup: rec.radio.scanner
Date: 1994-11-23 18:13:19 UTC
From: schuster@panix.com
Message-ID: <3b00nv$s13@panix3.panix.com>
Source record: 265216

In article <1994Nov21.104901.113514@daniel>, <hglassma@daniel.drew.edu> wrote:
>Is the AOR-8000 available in the USA? I called A.C.E. Communications
>and they said that is was not CERTIFIED for sale in the US. The guy
>said it may never be certified (by the FCC).

EDCO (EEB) and Lentini are selling FCC-certified models.

ACE Communications lost the right to sell AOR last year, so you will NEVER
be able to buy one from them!

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5864. Re: AR8000 Alphanumeric labels

Newsgroup: rec.radio.scanner
Date: 1994-11-23 18:14:37 UTC
From: schuster@panix.com
Message-ID: <3b00qd$s4o@panix3.panix.com>
Source record: 265217

In article <Czp36E.Evw@pts.mot.com>,
>: Programming alpha labels is VERY tedious using the bare scanner. You use
>: the arrow keys as a cursor and scroll through the entire ASCII and Kanji
>
>They packed kanji into this??? or do you mean kata kana?

Sorry .. katakana.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5865. Re: AOR 8000

Newsgroup: rec.radio.scanner
Date: 1994-11-23 18:15:39 UTC
From: schuster@panix.com
Message-ID: <3b00sb$s8k@panix3.panix.com>
Source record: 265218

In article <3avmh6$k2l@sparc.occ.uky.edu>,
Jim Dantin <jadantin@ndlc.occ.uky.edu> wrote:
>Has anyone figured out how to eliminate the "Welcome" message?

From what I've heard, the delay after power-up is mandatory as the CPU
"boots". So you'd be faced with a blank screen and able to do nothing
during that period anyway.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5866. ### LOOKING FOR: Collier Chun <Collier_Chun@ccm2.hf.intel.com>

Newsgroup: rec.radio.scanner
Date: 1994-11-23 18:27:21 UTC
From: s2202629@np.ac.sg
Message-ID: <3b01i9$a93@nova.np.ac.sg>
Source record: 265214
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.radio.pirate

I've received the .GIF of the article regaring the voice scrambling I asked about, but after that, mails to you keep bouncing, and I can't reply.

Please get back to me with a working address, that I may continue correspondence. (I've got a few questions about the diagram you see)

Rgds!

5867. Re: HAM Radio Forsale!

Newsgroup: rec.radio.scanner
Date: 1994-11-23 18:53:21 UTC
From: twise@shell.portal.com
Message-ID: <3b0331$706@news1.shell>
Source record: 265215
Cross-posted to: rec.radio.scanner,misc.forsale

jerry@hnrc.tufts.edu (Jerry Dallal) writes:
>>
>> There is no such ham radio as a WAYSU.

>Why give the guy a hard time? It's probably a Yaesu. The model number is

Of course it's a Yaesu. I wasn't giving him a hard time, I was simply
stating that there is no such ham radio as a WAYSU. That's all. Travis.
--

Travis A. Wise
twise@sparta.sjsu.edu

5868. PRO-2035

Newsgroup: rec.radio.scanner
Date: 1994-11-23 19:07:25 UTC
From: mmjjmm@post.its.mcw.edu
Message-ID: <3b03td$ebr@post.its.mcw.edu>
Source record: 265219

Has anyone had experience with the new PRO-2035. How does it compare to
the PRO-2006. I am interested in getting one or the others and would like
some opinions on both scanners.
--
Michael J. Malloy Amateur Radio N9WJV
Medical College of Wisconsin Compuserve 70334,3563
Milwaukee, Wisconsin Internet mmjjmm@post.its.mcw.edu

5869. Re: Wanted Bucks County PA frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-23 20:00:47 UTC
From: rmiller@syl.nj.nec.com
Message-ID: <3b071f$9bl@newsserver.nj.nec.com>
Source record: 265220

In article <jernandez-151194104353@jernandez.pbs.org>,
John J. Ernandez <jernandez@pbs.org> wrote:
>
> Can someone please provide the fire, police, and EMS frequencies for Bucks
>County PA? Or can someone point to an FTP or WWW site for the frequencies?
>
>Thanks in advance
>
>--
>John J. Ernandez
>Communication Systems Engineer
>Public Broadcasting Service
>
John - My boyfriend and I live in Bucks County, above Doylestown, and we have
loads of Bucks frequencies. I'll try to get him to put a list together. He
has three or four scanner now - so he's pretty serious. Any areas of Bucks
in particular that interest you?

Ruth Miller

--
==
Ruth Miller NEC Systems Laboratory Voice: 609-734-6071
rmiller@syl.nj.nec.com 4 Independence Way FAX: 609-734-6002
Princeton, NJ 08540

5870. Re: NY Commercial Freq FTP Sites.

Newsgroup: rec.radio.scanner
Date: 1994-11-23 21:10:14 UTC
From: zen@ccs.neu.edu
Message-ID: <3b0b3m$dsv@narnia.ccs.neu.edu>
Source record: 265221

Jim Worsley (jimw@pine.liii.com) wrote:
: Thanks for reading this message. I am looking a current listing of all the
: commercial frequencies known for New York State. If anyone happens to know
: a good ftp site, drop me a line with the address info ??

Check out my web page, http://dice.dac.neu.edu/Homepages/paul , I have a
bunch of freq. listings under the Ascii Library.. I do have some stuff for
NY if I remember right... Anyways, if you have any freq listings, send them
over to me and I will put them up on my web page as soon as possible..
Paul

: --
: ==
: Email Address: jimw@liii.com
: Packet Radio: n2lsj@n2bqf.#nli.ny.usa.na
: "Playing all the hits for you....where ever you may be."
: ==

--

____
Paul Nash ||------- PGP Key Available By Fingering me-----------
zen@denali.ccs.neu.edu ||----------- ? --------------

5871. Re: RS PRO-43... new model???

Newsgroup: rec.radio.scanner
Date: 1994-11-23 21:47:40 UTC
From: kim@nntp.cadence.com
Message-ID: <CzqpvH.FqG@Cadence.COM>
Source record: 265224

Julian C Grammer (julian@kesteven.win-uk.net) wrote:
:

: If anyone has schematics for the two versions, it would be
: interesting to compare them. If anyone out there can image-scan one
: and mail a mono bit-map or other windows-compatible format as a
: binary, it might be worth a go.

: In the UK, Radio Shack sell through Tandy stores. If they sell the
: PRO43, it'll probably get 800MHz already. I'll check (unless someone
: already knows).

: Julian

I have a Pro-43, and I can pick up Cellular calls WITHOUT
MODIFICATION! I just scan at 21.6 Mhz (I think it is: 2 X 10.8 IF)
above the Cellular band, and catch the image. It's not as reliable, of
course, as there is presumably some image rejection, but the times I've
tried this, I guess I was close enough to a repeater to hear several
calls in progress.

There must not be MUCH image rejection, as the manual even spends some
time talking about how to determine whether you're hearing an image.

Maybe the newer models have better image rejection than my (presumably
older) model, though.

Oh, and I was not trying to listen to cellular calls, honest! I wanted
to see what was going on in the 902 Mhz Amateur band.

--

"Never let work interfere with your reasons for working."

Kim Helliwell

5872. EMS Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-23 21:53:36 UTC
From: dzonies@mail2.sas.upenn.edu
Message-ID: <3b0dl0$orr@netnews.upenn.edu>
Source record: 265222

I'm looking for a practical and inexpensive (relatively) portable/base scanner. This is going to be used for EMS type work. What are your opinions on types and places to purchase them? It looks like the Uniden corp makes a great one (Turbo Super Bearcat -- 100 channel/50 programable). Any ideas of prices/places/types would be greatly appreciated. You can e-mail me directly at: dzonies@sas.upenn.edu

Thanks,
Dave

5873. signal amplifiers

Newsgroup: rec.radio.scanner
Date: 1994-11-23 21:54:32 UTC
From: swilkins@isle.waterloo-rdp.on.ca
Message-ID: <1994Nov23.215432.133@isle.waterloo-rdp.on.ca>
Source record: 265114

I have a book on scanners in which the author mentions a "20Db signal amplifier". I'm aware of the concept, but I don't know where to find one for scanning. Does anyone know where I can go buy a good one in Ontario??

Or, if it's simple enough, I'll make it myself if someone can tell me where to find a schematic.

Scott.

5874. Re: HAM Radio Forsale!

Newsgroup: rec.radio.scanner
Date: 1994-11-23 22:33:46 UTC
From: knight@sol.rtsg.mot.com
Message-ID: <3b0g0a$jg@delphinium.cig.mot.com>
Source record: 264998
Cross-posted to: rec.radio.scanner,misc.forsale,alt.radio.scanner

In article <Czq7Cn.6It@wang.com>, dbushong@wang.com (Dave Bushong) writes:
|> There also seems to be no ham named "S. Timothy Roebuck". I wonder
|> where he got the WAYSU in the first place and who the previous owner
|> was......

He posted a little while later *apologizing* for the misspelling, and
clearly stating that it wasn't his radio (it was a friends), and
that *that* was what was given to him.

sheesh

Is the benefit of the doubt *completely* gone in this world?

Paul WD8DKY

5875. Re: BearCat Scanners

Newsgroup: rec.radio.scanner
Date: 1994-11-23 23:18:09 UTC
From: clitke@ektil.gerwin.net
Message-ID: <4@ektil.gerwin.net>
Source record: 265072

Im Artikel <3aqfqn$8c0@abc.ksu.ksu.edu>, Bryan D. Nehl (kodiak@ksu.ksu.edu) schreibt
>
>I'm looking to buy a BearCat Scanner. I like the features of the
>2500, what's this guy usually run? I've seen the BC 150(?) sport
>model at best buy, 100channels, for $200. Is this a replacement for
>the 100xlt? Supposedly it picks up cellular without mods, is this
>correct? Is there a similar replacement for the 200, w/200 channels?
>How much is it going selling for?
>
>I'm also looking at getting my No-Code License in the Spring. Should
>I be looking at HT's with scanning capabilities? Or will I be better
>off picking up a scanner and a HT?
>
>Thanks for any info.
>
>/* Bryan Nehl
> Network Technician, IET, 913.532.6270, bnehl@oz.oznet.ksu.edu
> kodiak@ksu.ksu.edu, irc zenoso, http://www.ksu.edu/~kodiak/ */

Dear Bryan,

i&#65533;ve some questions to your article.
What is a no-code--license ?
What is a HT? Does it mean ham-transceiver?
If it is, the better choice would be a scanner, because no
transceiver will give you that frquency range, i think.
Here in Germany the cheapest tiny hand held tranceivers like
Icom,Kennwood a.s.o.are able to work in send/receive mode on 145MHz
and only receive on 430MHz. That&#65533;s not the best of performance i
think. Even very expensive tri-band-models are not able to cover
the range like a regular scanner. (f.e. Bearcat 2500, Commtel B110)
Please excuse my worth english, but it&#65533;ll become better with
continious practice. (i hope ;-))

Best regards

Carsten Litke Dortmund/Germany/Eurpoe

5876. Re: Caller ID experiment results

Newsgroup: rec.radio.scanner
Date: 1994-11-23 23:18:37 UTC
From: jmccarty@spd.dsccc.com
Message-ID: <3b0ikd$8me@sun001.dsccc.com>
Source record: 264977

In article <784603910@f747.n115.z1.ftn>,
Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> wrote:

[stuff asking about pairing of telco wires and red = - ,green = + del]

) The red and green pairing is correct. Interesting story on the reason
)for reverse voltages. To keep it short, the reason for reverse voltage is
)that corrosion doesn't develop on the wiring.
)
) Jerry
)

Interesting, especially if true. The green wire is connected to ground.
The red wire is connected to -48V. So the red wire is reducing. Any acid
reactions would be inhibited on the red wire.

So that might explain the positive ground. But it does -not- explain why
red is negative.

Mike

```
char *p="char *p=%c%s%c;main(){printf(p,34,p,34);}";main(){printf(p,34,p,34);}
```

5877. WANTED:Yupi 7100

Newsgroup: rec.radio.scanner
Date: 1994-11-23 23:42:31 UTC
From: Rob.Cooter@launchpad.unc.edu
Message-ID: <3b0k17$1ah0@bigblue.oit.unc.edu>
Source record: 264976
Cross-posted to: rec.radio.swap,rec.radio.scanner

want to buy yupi 7100.anyone with any information please e-mail me at
rob.cooter.@launchpad.unc.edu

--
-- --
Launchpad is an experimental internet BBS. The views of its users do not
necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
-- --

5878. Re: RS PRO-43... new model???

Newsgroup: rec.radio.scanner
Date: 1994-11-24 01:31:16 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Nov23.203116.3102@hnrc.tufts.edu>
Source record: 264978

In article <3avfcb$8kj@clarknet.clark.net>, komkit@clark.net (Komkit) writes:
> the effigy (effigy@west.darkside.com) wrote:
>
> : now wait, is it the FCC ID# or the Serial Number? I guess it doesn't
> : really matter, there's an A at the beginning of the serial number too..
>
> : shoot.
>
> Arg! u'm eek!.... I bought pro-43 yesterday, I don't know if it is old
> one or new one.. On the FCC ID# has an A up front but there's no A up
> front on S/N, so is it new or old? can anybody tell me???

Another reason why I prefer to distinguish between old and new by serial
number alone. No A = old. The new ones have an A in the serial number &
an A at the *end* of the FCC id.

5879. Re: Pro39

Newsgroup: rec.radio.scanner
Date: 1994-11-24 01:32:12 UTC
From: julian@kesteven.win-uk.net
Message-ID: <124@kesteven.win-uk.net>
Source record: 264981

In article <5587@rook.ukc.ac.uk>, Interviewee (dpfg@ukc.ac.uk) writes:
>Could someone please confirm or deny that the Pro 39, as sold
>by Tandy in Britain, has any gaps in its five bands' coverage?
>
>It roughly does, according to the leaflet, 68-88, 108-136 AM,
>137-174, 380-512, 800-900ish.
>
>Ta.
>
>
Nope, no gaps in the bands, only between them :-)

Julian

5880. Re: Police HQ shooting in DC

Newsgroup: rec.radio.scanner
Date: 1994-11-24 03:27:13 UTC
From: paulot@cais.com
Message-ID: <paulot-2311942228270001@paulot.cais.com>
Source record: 264980

In article <mpageCzp7vA.3J4@netcom.com>, mpage@netcom.com (Thomas J. Kravitz) wrote:

> : I learned about the end of the standoff about 15 minutes
> : before the press got wind of it.
>
> I hate to bust your bubble but: Our affiliate in DC was giving us shot by shot
> of the situation in DC and we sent it on to our media clients here on the west
> coast. Glad you were able to hear it, but so did the media!
> --
> ==
> Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
> MEDIA PAGE
> Internet: mpage@netcom.com Breaking Stories to the
> CIS: 71674,1610 News Media since 1978
> ==

No harm.However,the local TV station I was watching at the same time (NBC) was at a period when they were holding unconfirmed information back,as some really stupid information went on the air earlier in the broadcast.One of them was releasing the name of an ex-cop as the shooter.Anyhow,it was interesting scanning.

--
Paulo A. Teixeira "Free speech is the right to shout
N3MGA@WA3TAI.NOAM.MD 'THEATER' in a crowded fire."
Gallery's BBS 202-333-0407 - A yippie proverb

5881. Re: Finding Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-24 05:00:31 UTC
From: Steve4@ix.netcom.com
Message-ID: <3b16lf$jeq@ixnews1.ix.netcom.com>
Source record: 264983

In <3ap1fu$sro@usenet.srv.cis.pitt.edu> jakst44+@pitt.edu (Jeffrey A Kelley) writes:

>Last week I picked up Radio Shack's digital
>RF Frequency Counter (cat. no. 22-305) for a hundred bucks. I've never used
>a FC (freq. counter) before because I'm not too into the technical side of electronics.

>The only real problem with using a FC is that you have to be
>within about a block's distance of the cruiser when it is transmitting.

>I was wondering is anyone has tried using an FC for this purpose and if they have I'd appreciate any comments or suggestions to be posted.

>In the Oct. issue of Pop. Comm. on page 4 Optoelectronics advertises
>their Model 25 Scout. It is like a 'suped-up' FC. It also says that
>unlike a regular FC, it can differentiate between random noise and
>coherent RF transmissions. I was wondering if anyone had used this,
>and if so, is it a lot better than the FC I got from RS?

>My name is Matthew Haslett and as I mentioned this is not my account,
>so please post any replies to this newsgroup rather than by e-mail.

Matthew brings up some very intelligent questions. I'm very interested in purchasing a frequency counter myself. I would also greatly appreciate any info that would not only answer Matthews questions but would give the rest of us an over view and a product breakdown of the popular frequency counters on the market.

How about you, Bob Parnass, your views and input are always welcome!

Waiting to hear,

Steve

5882. looking for author of scanner mod handbo

Newsgroup: rec.radio.scanner
Date: 1994-11-24 05:11:50 UTC
From: dousmi@delphi.com
Message-ID: <9411240006591.The_Win-D.dousmi@delphi.com>
Source record: 264984

In article <3atsk6$fjt@bigblue.oit.unc.edu>, Rob.Cooter@launchpad.unc.edu (robert cootert) writes: > looking for information how to post news to fidonet to bill cheek???

Find a FidoNet BBS near you that has the SCANNER echo. Mine is one 510-827-5714. Hope this helps.

5883. Surete du Quebec

Newsgroup: rec.radio.scanner
Date: 1994-11-24 05:53:15 UTC
From: vincent@etu.gel.ulaval.ca
Message-ID: <3b19od$sq7@goudron.gel.ulaval.ca>
Source record: 265003

The provincial police of Quebec is suposed to change the
communication system before april 95. Does anyone know which kind of system
that they will or might use... It's suposed to be private and efficient for
a wide area...(almost all the Quebec)

5884. PRO-51 military freqs?

Newsgroup: rec.radio.scanner
Date: 1994-11-24 06:40:56 UTC
From: 16320@ef.ev.maricopa.edu
Message-ID: <199411240646.XAA06281@ev.maricopa.edu>
Source record: 264988

Howdy... can someone tell me if it's possible to restore the military frequencies in the PRO-51? My brother's got one (I have a pro-43), and we were toying with the 51's test mode, but that test mode refused to pick up certain military ranges, even though it let us access the "illegal" cellular freqs. Is there a diode for this range (like the cellular) that can be clipped?

Thanx!

.------. .------.
| |_. "Tourists take pictures to prove they were there. | |_.
| | | Filmmakers make movies becaue they were never there." | | |
|------| | ----------------------------. -- Laurie Anderson |------| |
|------| 16320@ef.ev.maricopa.edu |_________________________ |------|

5885. Re: HAM Radio Forsale!

Newsgroup: rec.radio.scanner
Date: 1994-11-24 08:47:06 UTC
From: kkearney@blkbox.com
Message-ID: <3b1jua$ciq@news.blkbox.com>
Source record: 265000
Cross-posted to: rec.radio.scanner,misc.forsale,alt.radio.scanner

S. Timothy Roebuck (roebuck@infi.net) wrote:
: Ham Radio Forsale!!

: WAYSU Dual Band
: VHF/UHF FM Transceiver
: Model FT-470
: Great shape

: MAke offer!!!

: --
: My Escape From Unresourceful Thought is Illuminated Through
: My Knowledge of the Progression on the Enlightened Path.
: - S. Timothy Roebuck
I believe the radio you are discussing is the brand "Yaesu"

5886. Re: AR8000 Alphanumeric labels

Newsgroup: rec.radio.scanner
Date: 1994-11-24 10:01:44 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <785671304snz@javiaton.demon.co.uk>
Source record: 264993

In article <3ao4rv$2bh@panix3.panix.com>
schuster@panix.com "Michael Schuster" writes:

> [snip]...and Kanji

Isn't that something you roll up & smoke.....once you have
tried Maruhama you just can't leave it alone can you...:-)

--
Cheers,
/--\
Jonathan Clough,	AOR - Alinco - Camnis - Commtel - Bearcat -
Javiation,	Fairmate - Icom - Sony - Lowe - Realistic -
Bradford, UK	Signal - Tandy - Uniden - Yupiteru & Others
Tel: +44 0 1274 732146 \---
Compu$$erve: 100117,535
Internet : Clough@javiaton.demon.co.uk
\--/

5887. Re: CHP plane frequency?

Newsgroup: rec.radio.scanner
Date: 1994-11-24 10:13:46 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Nov24.021346.4847@cmkrnl>
Source record: 265004

In article <3aokn1$bgt@newsbf01.news.aol.com>, edginsf@aol.com (Ed G in SF) writes:
> Try 45.02 Ivory TAC, that's what they use in the Bay area.

Yes, this is the freq that several books list as the CHP air/ground link.

Has anyone actually heard them operating on this freq? Earlier this year I drove down I5, from San Francisco to LA, with 45.020 as the priority freq on the scanner, and never heard a thing. And that wasn't the first time.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

5888. Re: Do police use DIGITAL TRANSMISSIONS?

Newsgroup: rec.radio.scanner
Date: 1994-11-24 10:18:26 UTC
From: mhalver@crl.com
Message-ID: <3b1p9i$9s9@crl6.crl.com>
Source record: 264990

Yes, MDTs would be an example of this... Los Angles, California and San Francisco have already gone to this...and in my home county of Sonoma, California (Santa Rosa County Seat) we are planning of moving to MDT dispatching in the next couple of months.

5889. Re: CHP plane frequency?

Newsgroup: rec.radio.scanner
Date: 1994-11-24 10:20:48 UTC
From: mhalver@crl.com
Message-ID: <3b1pe0$9tv@crl6.crl.com>
Source record: 264991

In Sonoma County and in some parts of the state their are using 154.9200
the CLEMARS freq for VHF, this is also their simplex re-broadcast freq.
used to tx from the patrol car to their hand held radios.

73s
Mark KC6RLB

5890. FREQUENCY POSTING

Newsgroup: rec.radio.scanner
Date: 1994-11-24 10:37:27 UTC
From: mhalver@crl.com
Message-ID: <3b1qd7$a6c@crl6.crl.com>
Source record: 264992

I have a request...(for what it worth)...if people are going to post frequencies could they PLEASE include the important information? like this...

Use: Tx: Rx: Tone:

Rohnert Park DPS CH-1 156.0150 154.1000 103.5
Rohnert Park DPS CH-2 -NARCS 154.9200 154.9200 103.5

To me the Transmitting Freq. is important, the tone is VERY important as well. I compile freq listings throught out California, Nevada and Oregon soon to include Arizona, when I monitor with my 37' ant. I pick up more than one department and need to know which department I am lesting to.

73 Mark KC6RLB

5891. Re: Pro39

Newsgroup: rec.radio.scanner
Date: 1994-11-24 10:50:32 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <785674232snz@javiaton.demon.co.uk>
Source record: 264994

In article <124@kesteven.win-uk.net> julian@kesteven.win-uk.net writes:

>
> In article <5587@rook.ukc.ac.uk>, Interviewee (dpfg@ukc.ac.uk) writes:
> >Could someone please confirm or deny that the Pro 39, as sold
> >by Tandy in Britain, has any gaps in its five bands' coverage?
> >
> >It roughly does, according to the leaflet, 68-88, 108-136 AM,
> >137-174, 380-512, 800-900ish.
> >
> >Ta.
> >
> >
> Nope, no gaps in the bands, only between them :-)
>
>
> Julian

I don't have the original article on my server yet <sigh> but no
it covers what it says. Things to consider though.......no AM/NFM
switching which can be a problem on certain frequencies in the UK
depending if you want to listen to them. Also no capability to overide the
channel spacing. For example 152.3375 is an AM signal used by
West Yorkshire Police, this part of the spectrum uses 12.5KHz
spacing. On a PRO-39 it defaults to FM receiption
and also 5 KHz channel spacing so the nearest you can get is
152.335 in FM - not ideal if 152.3375/AM is what your after.

The channel spacing "problem" is the same on all Tandy handhelds
at the moment. The PRO-43 is the only one that will allow
switchable AM/FM, 152.3375 on the PRO-43 is not so bad - you can
still only get 152.335 but at least you can have it in AM mode.

The above isn't a major gripe but just something to be wary about
and not something the average Tandy Salesperson will be aware
of - if its not a problem for what your wanting from the radio (and
alternatives to ocercome it are more expensive) then the PRO-xxx series
offer a good start to scanning.

--
Cheers,
/--\
Jonathan Clough,	AOR - Alinco - Camnis - Commtel - Bearcat -
Javiation,	Fairmate - Icom - Sony - Lowe - Realistic -
Bradford, UK	Signal - Tandy - Uniden - Yupiteru & Others
Tel: +44 1274 732146 \--

| Compu$$erve: 100117,535 |
| Internet : Clough@javiaton.demon.co.uk |
\---/

5892. Handheld?

Newsgroup: rec.radio.scanner
Date: 1994-11-24 12:41:27 UTC
From: komkit@clark.net
Message-ID: <3b21ln$iv0@clarknet.clark.net>
Source record: 264997

Hi guys, I'm new here. What is the best handheld scanner around? I just bought RS PRO-43 two days ago, I should have read this Newsgroup first.

So what do you guys thinks about RS PRO-43?

5893. ACE no AOR was (Re: AOR 8000....can I get one in the US?)

Newsgroup: rec.radio.scanner
Date: 1994-11-24 13:25:22 UTC
From: Vic <vhealey@crl.com>
Message-ID: <3b2482$g6a@nntp.crl.com>
Source record: 265002

schuster@panix.com (Michael Schuster) wrote:
>
> In article <1994Nov21.104901.113514@daniel>, <hglassma@daniel.drew.edu> wrote:
> >Is the AOR-8000 available in the USA? I called A.C.E. Communications
> >and they said that is was not CERTIFIED for sale in the US. The guy
> >said it may never be certified (by the FCC).
>
> EDCO (EEB) and Lentini are selling FCC-certified models.
>
> ACE Communications lost the right to sell AOR last year, so you will NEVER
> be able to buy one from them!
>

Why?

How is it they have the "tiger" radios that look exactly like AOR's?

Vic

5894. Re: AR8000 Alphanumeric labels

Newsgroup: rec.radio.scanner
Date: 1994-11-24 13:28:14 UTC
From: schuster@panix.com
Message-ID: <3b24de$fdv@panix3.panix.com>
Source record: 265001

In article <785671304snz@javiaton.demon.co.uk>,
Jonathan Clough <Clough@javiaton.demon.co.uk> wrote:
>In article <3ao4rv$2bh@panix3.panix.com>
> schuster@panix.com "Michael Schuster" writes:
>
>> [snip]...and Kanji
>
>Isn't that something you roll up & smoke.......once you have
>tried Maruhama you just can't leave it alone can you...:-)

:-)

I've since been corrected: that is the kata kana alphabet, not Kanji.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5895. FOR SALE: UHF Public Safety Band --> 2meter receiving converter

Newsgroup: rec.radio.scanner
Date: 1994-11-24 15:05:39 UTC
From: mc@shore.net
Message-ID: <3b2a43$3k3@shore.shore.net>
Source record: 265005
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

FOR SALE: UHF - Public Safety band receiving converter:

Converts 460 - 464 MHz and 480 - 484 MHz Public Safety Band to 144 - 148 MHz which works with a scanning amateur radio 2 meter handie-talkie, mobile or base radio to allow you to listen to the UHF bands. Does not convert on transmit. Designed for use on a 2 meter HT, it has a BNC connector on the bottom that attaches to the HT and another BNC on the top that attaches to the antenna. A three-position switch switches the unit off and selects which band will be converted. Coverage will be expanded on units that scan above and below the 2 meter band. The unit is made by M Squared Electronics and is not to be confused with a cheaper unit that is similar made by a well-known manufacturer of cheap ham and swl accessories. I just installed a brand new battery (AAA). Will sell for $30.00 plus UPS.

If interested please reply by e-mail.

Michael Crestohl KH6KD/W1
mc@shore.net

5896. Re: RS PRO-43... new model???

Newsgroup: rec.radio.scanner
Date: 1994-11-24 15:13:14 UTC
From: mulligan@ACM.ORG
Message-ID: <3b2aia$o42@hopper.acm.org>
Source record: 265021

kim@nntp.cadence.com (Kim Helliwell) wrote:
> I have a Pro-43, and I can pick up Cellular calls WITHOUT MODIFICATION!
> I just scan at 21.6 Mhz (I think it is: 2 X 10.8 IF) above the Cellular
> band, and catch the image.

Uh, I think you'd better check what radio you're using. The PRO-43 is
triple conversion, with IFs of 608.005-611.2 MHz, 48.5 MHz & 455 kHz, and
is relatively immune to imaging.

> ... the manual even spends some time talking about how to determine
> whether you're hearing an image.

Neither the Owner's nor Service manuals even mention images.

> I wanted to see what was going on in the 902 Mhz Amateur band.

Could it be you were listening to 900 MHz cordless phones?

/* barry /&

5897. Re: RIP OFF ALERT!!!!!!

Newsgroup: rec.radio.scanner
Date: 1994-11-24 15:25:11 UTC
From: dangmiami@aol.com
Message-ID: <3b2b8n$l48@newsbf01.news.aol.com>
Source record: 265007

In article <36fb6l$5ps@news.midland.co.nz>, tumeke@midland.co.nz (Toby TeRupe) writes:

Don't know the guy, but as a note to everyone, you should protect yourself from something like this and have the seller send you the item COD (cash only). This way the buyer must turn cash over to UPS and if he/she does not have it, they don't get it and your scanner comes back home! It is worth it.

5898. BC2500XLT FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-11-24 15:25:24 UTC
From: dangmiami@aol.com
Message-ID: <3b2b94$l4q@newsbf01.news.aol.com>
Source record: 265008

Like new... 400 channel, no mods done to it, with antenna, case, 2
batteries, charger, box, and manual... Will ship COD.... $275

First come first served, reply here or via the internet: dangmiami@aol.com
or at fidonet: 1:135/343

DG

5899. Looking to trade Multi-disc CD player for...

Newsgroup: rec.radio.scanner
Date: 1994-11-24 15:30:37 UTC
From: roebuck@infi.net
Message-ID: <3b2bit$6vq@lucy.infi.net>
Source record: 265006
Cross-posted to: rec.radio.swap,rec.radio.scanner

I currently have a JVC 6 disc Cd player that also functions
as a Karoake unit. It is the model XL-GM800. List price is $800.
I'm looking for a handheld scanner (preferrably w/cellular)
such as the PRO-37 or 39. Let me know if interested and I'll provide
more stats.

--
My Escape From Unresourceful Thought is Illuminated Through
My Knowledge of the Progression on the Enlightened Path.
- S. Timothy Roebuck
>> roebuck@infi.net

5900. Re: ACE no AOR was (Re: AOR 8000....can I get one in the US?)

Newsgroup: rec.radio.scanner
Date: 1994-11-24 15:42:17 UTC
From: schuster@panix.com
Message-ID: <3b2c8p$jnd@panix3.panix.com>
Source record: 265009

In article <3b2482$g6a@nntp.crl.com>, Vic <vhealey@crl.com> wrote:
>schuster@panix.com (Michael Schuster) wrote:
>>
>>
>> ACE Communications lost the right to sell AOR last year, so you will NEVER
>> be able to buy one from them!

>Why?

You'll have to ask them :-)

>How is it they have the "tiger" radios that look exactly like AOR's?

They do not sell "tiger" radios.

They do sell radios with the Trident brand name, many of which come from
the same factory (Nissei Electronics of Japan) as certain AOR models.
There are also similar radios with the brand names Camnis, Fairmate, etc.
etc.

The AR8000 is not manufactured Nissei, so ACE might not be able to get an
"equivalent" product ... or if they do it would be through unofficial
channels that would carry risks above and beyond the usual risk of doing
business with ACE Communications.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5901. FAQ for this group

Newsgroup: rec.radio.scanner
Date: 1994-11-24 16:19:33 UTC
From: pep@tiac.net
Message-ID: <pep-2411941119330001@spi.tiac.net>
Source record: 265010

Hi - Can someone please point me to FAQ for this list. TIA - Peter

--
Peter Peck "Nothing Ventured, Nothing Gained"
Andover, MA email: pep@tiac.net
(508) 475-8188 Fax(508) 682-2677

5902. How to link PC to Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-24 16:32:16 UTC
From: starin@netcom.com
Message-ID: <starinCzs5xs.7xE@netcom.com>
Source record: 265011

[Article crossposted from alt.radio.scanner]
[Author was Jeffrey Starin]
[Posted on Thu, 24 Nov 1994 16:24:31 GMT]

There have been several inquiries in the this group about how to link a pc to a scanner. It can be done, rather easily, through a product sold by Commtronics Engineering out of San Diego. You have to construct the interface unit yourself. It is called the CE-232 interface and total cost is about $180, or something like that. From what I've heard, it is better than the Optoelecronics Interface, which is easier to hook up, but apparently has lots of bugs. I have a CE-232 and I am quiet pleased with it. It's power to awesome, once you understand the scripting feature, which allows you to write scripts that control the function of the scanner based on certain events. There are also a lot of other features, like tapping into IC registers, which you can use for all sorts of things. The documentation that comes with the CE-232 is piss poor, with multiple references scattered throughout, and it is difficult to read. You have to have some understanding of electronics to put it all together. Support is only available through e-mail to the author and developer of this device, Bill Cheek, and although he is helpful, he is probably swamped with many questions about the operation of this thing all the time (much because of his own poor documentation fo the device) so don't expect the kind of support you would get from something as equally powerful, but from a more reputable company. Overall, once you figure it all out, it is a nice piece of equipment, and well worth the the price. It is also fun to put together. For more information, contact the developer, Bill Cheek, at:

Commtronics Engineering
PO Box 262478
San Diego, Ca. 92196

His BBS is:
617.578.9247

And don't forget to say Jeffrey Starin told you to call!
--
Jeffrey
{New York}
--
Jeffrey
{New York}

5903. Re: OptoScan456 and noise problem ?

Newsgroup: rec.radio.scanner
Date: 1994-11-24 16:35:25 UTC
From: daryll1@aol.com
Message-ID: <3b2fcd$ltv@newsbf01.news.aol.com>
Source record: 265012

In article <3atur7$n2a@nntpd.lkg.dec.com>, mikes@ranger.enet.dec.com (Mike Schexnaydre) writes:

Mike.... I have the OptoScan 456, couldn't locate any reference to avoiding a certain capacitor. I do get a little noise, but normally it isn't too bad. Maybe rerouting one of the two clip-on lines will help. Which capacitor do I stay away from? Thanks .....Daryll

5904. Re: Icom or equivilent scanner wanted

Newsgroup: rec.radio.scanner
Date: 1994-11-24 16:47:35 UTC
From: james.macleod@zetnet.co.uk
Message-ID: <3b2g37$j4n@yell.zetnet.co.uk>
Source record: 265013

> If it's the R1 that you're interested in, Grove is throwing in a free
> GRE 800MHz scanner converter to receive ALL the 800MHz freqs, since the
> newest R1s are censored. This seems like a really good deal!

I just returned a ICR-1 because of bleedover on to the marine band
from local radio stations which I dont get on my MVT 7000.

--
Jim, _/_/_/_/_/ _/ _/ _/
Shetland Isles _/ _/ _/_/ _/_/
james.macleod@zetnet.co.uk _/ _/ _/ _/ _/
_/_/_/ _/ _/ _/

5905. Re: CHP plane frequency?

Newsgroup: rec.radio.scanner
Date: 1994-11-24 17:25:41 UTC
From: gascan@delphi.com
Message-ID: <9411241224591.The_Win-D.gascan@delphi.com>
Source record: 265014

I loaded in my scanner all of the CHP freqs. I have been up and down Hwy5 and 101 from LA to Redding. I believe I may have hit them once. I think they are circumspect, and may also use another freq. I generally have difficulty picking them up, but I think that may be due to a lack of outside the care antenna.

Harry Robertson
gascan@delphi.com
74266.3073@compuserve.com

Orchides forum trahite cordes et mentes veniant.

5906. Re: Tracking Trunking

Newsgroup: rec.radio.scanner
Date: 1994-11-24 17:37:02 UTC
From: Alan Shen <kermee@u.washington.edu>
Message-ID: <Pine.ULT.3.91a.941124093020.27964G-100000@stein3.u.washington.edu>
Source record: 265015

On Thu, 24 Nov 1994, Larry Spence wrote:

> In article <Pine.ULT.3.91a.941122203434.8260C-100000@stein3.u.washington.edu> you wrote:

> A friend of a friend %) listens to cellular, and they wondered about some
> of the terminology that's being tossed around, like FORV channels, "control
> channels," etc. Also, they've noticed that there are frequency ranges
> (around 880-881 and 888-890) in their area that are mainly (but not entirely)
> buzzy non-voice channels, or just dead carriers. Are these the control
> channels? My friend's friend looked at some of the cellular overview in
> the first vol. of the Scanner Modification Handbook, but they didn't recall
> seeing any such details. Is there a good book or other easily accessible
> reference that talks about these things in detail? Thanks.
>
> --
> Larry Spence (lfs@netcom.com)

Hey Larry. Well, first of all, do you live in a metro city? A city which uses digital signals instead of analog? Do you have carriers which also allow people to use something called RadioMail? First of all, around channels 300-310 and 330-345 (forgot the conversion to MHZ) are paging channels. That is what a cellular phone "listens" to for a call. That's how phreakers steal other people's "phone numbers." These ranges are probably what you are refering too.

The FORV signals are broadcasted on the (I believe) channel to the cellular phone on the voice band. If you've ever used a analog cellular phone and hear a brief 1/20 sec pause, that's it! You won't hear it while talking, but if you monitor it with a scanner or a cellular phone in test mode, you will hear a faint BLEEP! That FORV signal does one of many things. Tells the cellular phone that the call has ended. Power adjustment in output (0.6-3.0 watts if applicable). And channel changes, telling the cellular phone to switch to another channel.

Hope this helps! And if you have any more questions, I'd be happy to answer them!

- Daniel Kao

5907. Re: Police HQ shooting in DC

Newsgroup: rec.radio.scanner
Date: 1994-11-24 18:05:06 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3b2kki$dp1@umcc.umcc.umich.edu>
Source record: 265016

Yep the news Media loves to jump the gun and release information before they can back it up. Look at any breaking news story and look at it again a day later and a lot of times a great many things will be different. I guess it goes with the territory and the the push to be the first to have the story. Les

5908. Re: Do police use DIGITAL TRANSMISSIONS?

Newsgroup: rec.radio.scanner
Date: 1994-11-24 19:13:45 UTC
From: ewatkins@freenet.columbus.oh.us
Message-ID: <3b2ol9$q6i@acme.freenet.columbus.oh.us>
Source record: 265017

Columbus Ohio is doing the same, with both fire & police on the same
channels..
--
-------Eric Watkins==========>>>>>>>>>>>>>>>

5909. Phoenix frequency list.

Newsgroup: rec.radio.scanner
Date: 1994-11-24 19:59:00 UTC
From: Bill Natkin <bnatkin@igc.apc.org>
Message-ID: <2092900007@cdp>
Source record: 265028

Here is a list of Phoenix, AZ area frequencies I have found.
Many of the descriptions are only a "best guess". I am very
interested in seeing corrections and additions to this list.
Please share your list with me. I am particularly interested
in police department frequencies.

Leave message on internet to bnatkin@igc.apc.org (preferred)
or
on compuserve to 70425,1127

You can send mail over internet via compuserve by addressing
e-mail as follows. When prompted for NAME or USER ID type:
INTERNET:bnatkin@igc.apc.org

Freq. (mHz)	Description
154.3400	Mesa Fire
154.8150	Mesa PD
154.9500	Mesa PD
155.0100	Mesa PD
155.1300	Mesa PD
155.5900	Mesa PD
156.0150	Mesa PD
460.1500	Gilbert PD
481.9250	DPS
856.4625	Chndler PD
155.0700	Phx PD
155.0800	Phx PD
153.7900	Phx PD
155.3700	Phx PD
155.4300	Phx PD
155.5200	Phx PD
155.6250	AJ PD ?
155.7550	Phx PD
155.9500	PD ?
460.0500	Phx PD
475.2500	Sherrif or DPS? (not Phx PD)
460.0750	Phx PD
453.1000	Phx PD
460.2000	PD ?
460.2750	DPS or Sheriff?
460.3000	DPS or Sheriff?
474.9250	Mesa PD (chnl. 2)
474.8000	Phx PD
854.3375	Phx Detectives? (maybe scottsdale)

853.76.25 PD Phone
44.1600 TV 3
481.7375 TV 15
461.2125 TV33
817.8625 TV45

5910. icom ic-v interface

Newsgroup: rec.radio.scanner
Date: 1994-11-24 20:26:31 UTC
From: schumann@crl.com
Message-ID: <3b2stn$h0n@crl10.crl.com>
Source record: 265018

Does anyone out here know of an ascii file on the Icom ic-v reference?
This is in regards to the OS456 specification. (Either this, or bread
down and buy the doc from Icom.)

TNX

5911. What are these frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-11-24 20:46:54 UTC
From: drjose@maestro.maestro.com
Message-ID: <CzsHq7.9E6@maestro.maestro.com>
Source record: 265019

My scanner (BC2500XLT) receives every frequency except these:

1. 550 MHz - 760 MHz
2. 824 MHz - 849 MHz
3. 827 MHz - 895 MHz.

Does anybody know what these frequencies are and how I could get them?

5912. Frequency inversion and other encryption

Newsgroup: rec.radio.scanner
Date: 1994-11-24 21:11:16 UTC
From: Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
Message-ID: <785736030.AA02748@jina.rain.com>
Source record: 265042

On (21 Nov 94) Thomas N Tumino wrote to All...

TN> From: v078l3eg@ubvms.cc.buffalo.edu (Thomas N Tumino)
TN> Newsgroups: rec.radio.scanner
TN> Organization: University at Buffalo
TN> Reply-To: v078l3eg@ubvms.cc.buffalo.edu

TN> Does anyone know where I can buy something to encrypt audio with frequency
TN> inversion
Call either a GE (General Electric) or Motorola dealership near you, they'll
have something.

or listen to something that is using frequency inversion or some
TN> similar encryption?

It is a Felony to listen to inverted or encrypted freqencies unless you are
the authoized user of that freqency.

Josh

****
Joshua Jeffery 1:105/40.79 FIDO Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
FIDO/INTERNET Dwight@Industrial.com Jefferyj@Glencoe.hillsborouh.k12.or.us
* USENET Explorer, Wash. Co. Sheriff's Office *
****

... What's that cop doing? This is a one-way street! HELP!!!!!!

5913. Scanner vs Ham Radio

Newsgroup: rec.radio.scanner
Date: 1994-11-24 21:18:16 UTC
From: Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
Message-ID: <785736030.AA02749@jina.rain.com>
Source record: 265043

On (21 Nov 94) Carey Wan wrote to All...

CW> From: KWCWAN@ELECTRICAL.watstar.uwaterloo.ca (Carey Wan)
CW> Newsgroups: rec.radio.scanner
CW> Organization: University of Waterloo

CW> Hi,

CW> I am actually rookie. I just want to know what's the difference between a
CW> scanner and a ham radio. Are they actually the same thing?

BIG DIFFERANCE!!!!!!!!!! Okay, a scanner goes thru a set of preprogrammed
freq. and listens for transmissions, when it stops, it recieves the
transmission and puts it over the speaker for you to hear, a Ham radio
transeves, that means you can recieve AND transmit. It only works on US
authorized Ham bands, though, and you need a license to operate it.
Can you make a phone call? It depends on which license you have. It is possible
to do it, but you need a phone patch, go to radio shack and ask about one.
Go to the library and check out a book on Ham radio to see what kind of
a license you need to make phone calls with a ham radio. You might also
go to the Alt.Radio.Ham and ask in there.

Josh
****
Joshua Jeffery 1:105/40.79 FIDO Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
FIDO/INTERNET Dwight@Industrial.com Jefferyj@Glencoe.hillsborouh.k12.or.us
* USENET Explorer, Wash. Co. Sheriff's Office *
****

... Reality-ometer: [\...] Hmmph! Thought so ...

5914. Re: Police HQ shooting in DC

Newsgroup: rec.radio.scanner
Date: 1994-11-24 21:29:22 UTC
From: ad225@detroit.freenet.org
Message-ID: <3b30ji$8mj@detroit.freenet.org>
Source record: 265020

Les -

Your statement that the news media always reports things before we can "back it up" is overbroad and, in my quarter century experience as a reporter inaccurate.

People in all professions make errors, of course. But in the course of gathering and disseminating news, circumstances change.

For example, an airliner crashes killing 100 people plus. But the cause is not known. Should the news media not report the crash or run interviews with experts and witnesses until the NTSB investigation is completed a year later (using the government findings as definition of "back it up")?

The original posting on this thread was from a scanner buff who says he knew what was going on from listening to his scanner before the news media. Let me tell you why his statement is true.

Reporters in Washington DC police headquarters at the time of the shooting were isolated and NOT told what was going on.

Often times we hear things on the scanner in the newsroom but demand "official confirmation" before we air it. This results in delays and, in many cases, inaccurate release of information by officials. We know the information released is wrong, of course, because we heard things unfold on the scanner. But we can't just scalp things off the police radio and broadcast it.

Scanners are, however, an excellent tool used by every news room in the nation. And the poster is right. Many times folks sitting at home in front of their police scanners know what is happening before the news media, or at least before the news media get it confirmed from official dome.

Gary Baumgarten
Reporter
WWJ Newsradio 950
Detroit
--
Gary Baumgarten
ad225@detroit.freenet.org

5915. Wanted-cheap used scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-24 22:37:03 UTC
From: clentz@twain.ucs.umass.edu
Message-ID: <3b34if$n8m@nic.umass.edu>
Source record: 265027

need cheap, used, 10-channel scanner. preferably handheld. Send private message.

5916. Re: EMS Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-24 22:47:30 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3b3562$3am$1@mhadg.production.compuserve.com>
Source record: 265023

Dave, you don't want to buy a double conversion receiver like the Sportcat or BC220 because you'll end up with images of Amateur radio transmissions. I suggest you check out a triple conversion receiver, like the new RS Pro62. Price from Marymac is around $260 delivered.

5917. Re: Handheld?

Newsgroup: rec.radio.scanner
Date: 1994-11-24 22:50:22 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3b35be$3am$2@mhadg.production.compuserve.com>
Source record: 265024

The Pro43 is really good, but only modifiable for the missing parts of 800MHz if its datecode isn't after 1A4. Or, you can check the FCC ID number on the back of the scanner. If it ends in 20-308A, then it isn't modifiable.

5918. Re: PRO-51 military freqs?

Newsgroup: rec.radio.scanner
Date: 1994-11-24 22:51:54 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3b35ea$3am$3@mhadg.production.compuserve.com>
Source record: 265025

Nope, you can't get mil air freqs on the Pro51. Only the Pro43 and upcoming Pro60 (the Pro43's replacement) will get mil air.

5919. Re: RS PRO-43... new model???

Newsgroup: rec.radio.scanner
Date: 1994-11-24 22:53:57 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3b35i5$3am$4@mhadg.production.compuserve.com>
Source record: 265026

Your message makes no sense at all. Only a double conversion UNIDEN-made scanner will get an image 21.6MHz above the cellular band. The Pro43 is a triple conversion GRE-made scanner.

5920. HELP!! fastfood restaurant freq. please..in n.y.

Newsgroup: rec.radio.scanner
Date: 1994-11-25 00:07:00 UTC
From: hacker15@ix.netcom.com
Message-ID: <3b39r4$c9l@ixnews1.ix.netcom.com>
Source record: 265029

does anyone know of any fast food restaurant frequencies in the new york
area, if you do please reply to hacker15@ix.netcom.com
mcdonalds, burger king, taco bell.....and so on...
thank-you very much
hacker15@ix.netcom.com

5921. Media Comms -- WAS: Re: Police HQ shooting in DC

Newsgroup: rec.radio.scanner
Date: 1994-11-25 01:20:27 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <3b3e4r$pj9@umcc.umcc.umich.edu>
Source record: 265030

In article <3b30ji$8mj@detroit.freenet.org>,
Gary Baumgarten <ad225@detroit.freenet.org> wrote:
>
>
>Scanners are, however, an excellent tool used by every news
>room in the nation. And the poster is right. Many times folks
>sitting at home in front of their police scanners know what
>is happening before the news media, or at least before the
>news media get it confirmed from official dome.
>
>Gary Baumgarten
>Reporter
>WWJ Newsradio 950
>Detroit

And scanners can simply be a lot of fun! Probably somewhere around
10 years ago, I was monitoring one of WWJ's 450/455MHz Newsdesk/reporter
frequencies, & heard Gary ask the news desk to give him a call at a
payphone #. Being the mischievious little kid that I was at the time, I
called the # right away, Gary answered, & spent several minutes giving me
some news story he apparently didn't want to give out over their
frequency (in addition to public safety freqs, media also monitors their
competition's 2-way freqs...). I just interjected an "uh-huh" now &
then, & maybe if I was being especially creative, I asked him to slow
down (I was supposed to be copying down this story, I guess...), & maybe
spell out some names, etc.

Finally, after a few minutes of him rambling on about the happening,
he said "So, who is there in the newsroom with you?" I paused & then
said something like "Ummm, Dave & Joe." He asked who Dave & Joe were,
then he finally must have realized that he didn't recognize my voice, &
so, being the great investigative reporter that he is, he said "Who are
YOU?"

I started to laugh, & hung up.

About 30 seconds later, the WWJ News desk guy called him back on the
2-way radio, & advised that he'd been trying to call the # Gary gave out,
but that it had been busy.

A rather dejected (& humiliated?) sounding Gary Baumgarten got back
on the radio & said something like "(sigh) I know, try calling again."

I still get a good laugh at that, each time I here him on 950kHz (WWJ)!

>Gary Baumgarten >ad225@detroit.freenet.org

Tim

P.S. It can be very 'enlightening' for citizens to monitor the media's commercial frequencies (mostly in the 450-451 & 455-456MHz range, although they're using celleular phones a lot more often these days), just as the media often vociferously (& often unilaterally) talks about their 1st Amendment rights, & the right to be able to 'inform the people,' etc. One of the things I quickly learned is that often, the 'on the scene' reporters get much (sometimes most) of their information which they then broadcast "LIVE, FROM THE SCENE!" directly from their own newsroom, which passes it to the 'one the scene' reporter via the 2-way radio links...

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie: T.Tyler5 AOL: Hooligan MCI: 442-5735
Ypsilanti MI
48197 I'm an equal-opportunity discriminator, and I affirm action.

5922. PRO-50

Newsgroup: rec.radio.scanner
Date: 1994-11-25 01:37:43 UTC
From: tngo@netcom.com
Message-ID: <tngoCzsv6w.KI8@netcom.com>
Source record: 265036
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I just saw an add in an RS' catalog for a PRO-50 Handheld 20 channel scanner.
Is it any good? Modifiable, etc?

TIA

5923. Re: Media Comms -- WAS: Re: Police HQ shooting in DC

Newsgroup: rec.radio.scanner
Date: 1994-11-25 01:41:34 UTC
From: ad225@detroit.freenet.org
Message-ID: <3b3fce$29q@detroit.freenet.org>
Source record: 265032

Ah! So YOU'RE the one I've been searching for all these years!
Just kidding!!!!

Actually, it is rare that my newsroom has much information to
pass along to me on the scene because usually they send me
to a breaking story.

A good exception to that is when, for example, patients
have been transported to hospitals. I (or another reporter)
am on the scene getting interviews and the newsroom is kind
enough to call the hospital for conditions to help flush
out the story. It's not like they do all the reporter's
work for him or her.

By the way, the reason so many newsrooms have switched
to cellular is for competitive reasons. They just don't
want the other station to know what they know.

In our case it's less problematic than with the TV
stations because, being an all news station, we're
gonna put it on the air as immediately as possible.
With the TVs, they need to hold it (usually) til
the next newscast and would rather not give the
competition the chance to get the story at their
expense.

Also, cellular phones tend to be more reliable than
two-ways, especially at longer ranges. But, yes,
sometimes we ARE interesting to listen to,
ESPECIALLY when the discussion isn't really
necessary to the news gathering effort!!!!

Gary Baumgarten
Reporter
WWJ Newsradio 950
Detroit
--
Gary Baumgarten
ad225@detroit.freenet.org

5924. Cobb County, GA Fire Dept freq?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 01:42:03 UTC
From: JDE1@ix.netcom.com
Message-ID: <3b3fdb$ehg@ixnews1.ix.netcom.com>
Source record: 265031

The Cobb County, Georgia, Fire Dept dispatch frequency appears to have changed from 46.420 MHz.
Anybody know where they are now?
Thanks.

5925. FOR SALE: Realistic PRO-2025 Mobile Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-25 01:47:04 UTC
From: medic@connix.com
Message-ID: <3b3fmo$9ns@comet.connix.com>
Source record: 265033
Cross-posted to: misc.forsale,ne.forsale,rec.radio.scanner,rec.radio.swap

****** FOR SALE: Realistic (Radio Shack) PRO-2025 Mobile Scanner ******

- Frequency Range: 33 - 54 Mhz (VHF Lo; Amateur 6M Band)
138 - 174 Mhz (VHF Hi; Amateur 2M Band)
380 - 510 Mhz (UHF Lo/Hi; Amateur 70cm Band)

- Unit in very good condition and never abused.
- Reliable and dependable.
- Includes mobile bracket and cigar lighter plug power cord

Make best offer (please be reasonable...) Include shipping costs, please.

--
=-=-=-

5926. Australian Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-25 01:47:59 UTC
From: trinix@yarrow.wt.uwa.edu.au
Message-ID: <3b3fof$akj@styx.uwa.edu.au>
Source record: 265041

Hi All,

I would like to correspond with anyone in Australia, particularly Western Australia, who has some good frequencies.

Thanks,

Andrew - Trinix Computers.

5927. Re: OptoScan456 and noise problem ?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 02:05:15 UTC
From: tham@fas.harvard.edu
Message-ID: <3b3gor$6a6@decaxp.harvard.edu>
Source record: 265035

>Mike.... I have the OptoScan 456, couldn't locate any reference to
>avoiding a certain capacitor. I do get a little noise, but normally it
>isn't too bad. Maybe rerouting one of the two clip-on lines will help.
>Which capacitor do I stay away from? Thanks .....Daryll

Mike.. thanks for the follow up and advice. That was exactly my problem.
I moved the AUDIO clip lead wire away from C220 and the noise went away.
Just to make sure that was the problem, I move the wire near the cap
intentionally, and the noise level shoots up noticeably.

Daryll.. The capacitor you want to stay away from is C220, which is next
to CN5. CN5 is the 3 pin connector next to back up BATT wires. The wire
which should be staying away from the C220 is the AUDIO clip lead wire from
OS456 board. On my unit the AUDIO wire is white color.

By the way, just to make sure these clip lead would not pop out when I
have to move them, I use a dap of hot melt glue to secure them down. If
you don't have hot melt glue gun, rubber silicone would do also.

Fu KA1NUB

5928. Re: Police HQ shooting in DC

Newsgroup: rec.radio.scanner
Date: 1994-11-25 02:25:56 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3b3hvk$r9r@umcc.umcc.umich.edu>
Source record: 265034

Gary, you're right every one makes mistakes, it's just that the news medias mistakes are in the lime light because of the nature of the business. Not broadcasting the information heard on the scanner is wise and of course if you did you'd be breaking the law. Yes, my statement was broad and not intended to cover everyone in the media, just a general statement. I see I should have been more specific, such as mentioning the news reporter during the OJ so called chase on the freeway. While the many choppers were broadcasting the chase one reporter repeated what he heard over the Cell phone. Not too bright considering it's against federal law. Or maybe the night channel 4 here in Detroit broadcast the story about the police officers who got shot in Waterford. The anchor person said the would not release the name of the officer because the Police Department asked them not to yet, he said they would comply, the next scene had a reporter outside of the hospital and he said we are outside of officers xxxxxx hospital. Opps... Well anyway the mistakes are big because every one is watching or listening on the radio, in reality it's a mistake usually not a big deal except thousands of people are watching which compounds it.

Les Butler
WWJ 950 radio listener......

5929. Re: Modem to Scanner - help!

Newsgroup: rec.radio.scanner
Date: 1994-11-25 03:02:59 UTC
From: martyf@panix.com
Message-ID: <3b3k53$rq7@panix2.panix.com>
Source record: 265037

Jeffrey Starin (starin@netcom.com) wrote:
: Before I go ahead and blow up my modem through experimentation, I thought
: I'd ask the gurus in this group if they know how to connect a radio tape
: out plug to the input of a modem. Any ideas?

Uh, what are you planning to do here? The input of a modem is digital
data, not audio. Unless you mean one of the newer voice/fax capable
modems, and that's just a mike level input. Tell me more...

mf
--
--
Marty Focazio
martyf@panix.com
"Challenger, go at throttle up..."

5930. decoding acars?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 03:25:10 UTC
From: walters925@aol.com
Message-ID: <3b3lem$t30@newsbf01.news.aol.com>
Source record: 265039

dose any one have any info on how to decode acars using a modem if so
please e-mail me

5931. Re: What are these frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 03:40:12 UTC
From: smacken@aol.com
Message-ID: <3b3mas$t8e@newsbf01.news.aol.com>
Source record: 265040

1. Is TV chans. in the UHF band. (the lower few channels are sometimes used in large metropolitan areas and is know as UHF T-BAND the T meaning TV.) They are still available in yout radio as it is. As for listening the blocked tv section.. well it boring.

2 and 3 These are the two cellular bands with overlap.
I dont know if your rig is modifiable for these freq bands.

steve

5932. AR 1500 by ACE

Newsgroup: rec.radio.scanner
Date: 1994-11-25 03:58:06 UTC
From: stanlui@netcom.com
Message-ID: <stanluiCzt1ov.Fou@netcom.com>
Source record: 265044

unit is 5 months old,good condition and is a CONTINOUS coverage scanner,Asking 375 dollars or best offer. thanks

5933. Re: Surete du Quebec

Newsgroup: rec.radio.scanner
Date: 1994-11-25 04:13:03 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <Czt2Dr.Hz9@freenet.carleton.ca>
Source record: 265045

In a previous article, vincent@etu.gel.ulaval.ca (Vincent Simard) says:

> The provincial police of Quebec is suposed to change the
>communication system before april 95. Does anyone know which kind of system
>that they will or might use... It's suposed to be private and efficient for
>a wide area...(almost all the Quebec)
>
It will probably be similar to the Ontario Provincial Police.

They use 50 allocated frequencies for use within the whole province,
along with PL tones. Repeater towers throughout the province lets one
O.P.P. detachment/officer communicate with any other detachment/officer in
the province.

It is also possible they could use encryption for privacy.

--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

5934. Re: Radio Shack Bashing

Newsgroup: rec.radio.scanner
Date: 1994-11-25 04:30:12 UTC
From: guru314708@aol.com
Message-ID: <3b3p8k$kv@newsbf01.news.aol.com>
Source record: 265046

In article <3aj32i$nhh@newshost.lanl.gov>, Gerald Schmitt
<ggs@aerie.lanl.gov> writes:

I thought this was rec.radio.scanners not rec.bashing.radioshack,
Hmmmmmm???? seems to me you don't have a clue!

Got anything good to add about maybe scanners or good frequencies
or maybe anything about radios?

5935. Re: HAM Radio Forsale!

Newsgroup: rec.radio.scanner
Date: 1994-11-25 05:18:05 UTC
From: glennh@pnw.net
Message-ID: <3b3s2d$2ep@cascade.pnw.net>
Source record: 265047
Cross-posted to: rec.radio.scanner,misc.forsale,alt.radio.scanner

Dave Bushong (dbushong@wang.com) wrote:

: There also seems to be no ham named "S. Timothy Roebuck". I wonder
: where he got the WAYSU in the first place and who the previous owner
: was......

After reading the tread one would question your reason that only a
licensed ham can sell a radio for a friend. HUH?
--
Glenn Hansen - KB7PKC
<glennh@pnw.net>
Tacoma, Wa

5936. ECPA bites. Now what?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 05:52:24 UTC
From: linley@netcom.com
Message-ID: <linleyCzt6zC.n51@netcom.com>
Source record: 265048
Cross-posted to: rec.radio.scanner,misc.legal

Is there any hope of ever getting rid of laws against listening to certain portions of the radio spectrum? Has anyone been charged with a violation of the ECPA no-listening-to-cellular clause? Has it ever gone to court? What is the possibility of repealing a law that only a miniscule percentage of the population knows or cares about but concerns a big-money industry (cellular) greatly? It would seem that scanner hobbyists are being restricted by laws written up by by big business instead of the legislature and since we have no voice in the former, we're getting stomped on. I for one think it's wrong for the gov't to be used by big business to correct their own mistakes (i.e., designing an easily interceptable cellular phone system and then lobbying the gov't to outlaw cell scanning). Scanner manufacturers are complying with the new laws, thus forcing scanner users to comply with the law (as old equipment slowly disappears). How does the law ever come to be challenged and what's the little guy to do? Thoughts?

[followups to rec.radio.scanner]

--
Reality..... Bruce James Robert Linley
Internet..... linley@netcom.com (linley1@aol.com if you must)
Postal..... 3675 S. Rainbow Blvd. #107, Las Vegas, NV 89103
Amateur Radio..... KE6EQZ (-.- . -.... . --.- --..)

5937. Re: BC700A

Newsgroup: rec.radio.scanner
Date: 1994-11-25 06:46:32 UTC
From: rminich@sbu.edu
Message-ID: <rminich.153.2ED58848@sbu.edu>
Source record: 265050

>Anyone have mods for BC700a. Would really appreciate posting of them.

>Thanks for the help.

>Bruce Langos

>Bruce.Langos@wtc34a.DaytonOH.NCR.COM
>...!uunet!ncrhub!dayhub!wtc34a!blangos

I too just purchased a BC700a and am interested in any mods. Also, can someone tell me why my channel lockout doesnt work on the aircraft band? The darned Jamestown, N.Y. VOR keeps stopping the scan and I have to hit the aircraft band button for scanning to continue. Is my new unit defective?

Thanks for any info you can provide. Please post your response either to this newsgroup or directly to me at rminich@sbu.edu.

Ray Minich

5938. Police Tactical Frequencies - Encrypted?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 07:00:56 UTC
From: rminich@sbu.edu
Message-ID: <rminich.154.2ED58BA8@sbu.edu>
Source record: 265051

When the fuzz "go to tactical - one" for example, are they using an encrypted transmission scheme, or spread spectrum, or what??

Thanks in advance for any info you may provide.

Ray Minich
e-mail = rminich@sbu.edu

5939. RS Pro 2028

Newsgroup: rec.radio.scanner
Date: 1994-11-25 07:31:03 UTC
From: "INCH A_(aka INCHY!!!)" <G4W5@UNB.CA>
Message-ID: <25NOV94.03799131.0061@UNBVM1.CSD.UNB.CA>
Source record: 265049

I was wondering of possible mods for a 2028 bought in the US in 1992. What's the deal with the keypad codes? is it possible for me to unlock frequencies with the right code? Does anyone know of these codes?

Does anyone know of interesting Freq's for Fredricton NB Canada? Adam Inch "Young and full of questions!"

5940. Re: CTCSS BS in Tucker Catalo

Newsgroup: rec.radio.scanner
Date: 1994-11-25 07:34:00 UTC
From: clint.bradford@ectech.com
Message-ID: <9411252309231806@ectech.com>
Source record: 265087

KJ> "In order to hear the transmission your scanner or receiver
> HAS TO HAVE this tone frequency programmed in. This is
> why you can program many police frequencies from your
> scanner directory but still hear only silence."

KJ>Do you believe this xxxx?

I don't believe that's copy from Opto. . .maybe an overzealous editor
for Tucker. Anyway, what did Tucker say when you fax'd them your
concerns in a calm, rational, non-threatening manner?

---
* QMPro 1.53 * Useless laws weaken the necessary laws.

5941. Re: Modem to Scanner - help!

Newsgroup: rec.radio.scanner
Date: 1994-11-25 10:01:32 UTC
From: sflynn@freenet.vancouver.bc.ca
Message-ID: <3b4cls$77s@freenet.vancouver.bc.ca>
Source record: 265052

Marty Focazio (martyf@panix.com) wrote:
: Jeffrey Starin (starin@netcom.com) wrote:
: : Before I go ahead and blow up my modem through experimentation, I thought
: : I'd ask the gurus in this group if they know how to connect a radio tape
: : out plug to the input of a modem. Any ideas?

: Uh, what are you planning to do here? The input of a modem is digital
: data, not audio. Unless you mean one of the newer voice/fax capable
: modems, and that's just a mike level input. Tell me more...

I got this info off of someone else on this Newsgroup (thanks, BTW)
but, yes, you can get the info from a jack to the modem. RadioHobby
BBS has a file called WB9AGH that gives some assistance. Write me
if you don't know the number. Basically what I did was to take
an old microphone I had lying around and used it (you can use an
old pair of headphones - I was using all of mine, but the mic
was just collecting dust) Cut the wire and inside there was one
small wire with white insulation and there was a few threads of
copper that was next to this wire but inside the main insulation
of the mic wire. Stripped the wire back some so I had access to
these two wires. They are what you want. Then take a phone cord
(drop by the local phone company office and check the dumpster if you
want.. there is usually some with the jacks lying in there) and
cut it. Take the red and green wire and strip them. Wrap one of
the wires from the mic. cord to the red and the other to the green.
Plug into your modem and scanner. I found that when I typed ATH1
I could hear the scanner noise using the modem's speaker. That
file from the Radiohobby BBS gives some sample Init strings to
try that supposedly make the modem read any data you get with
the scanner. I tried both of them (one for 2400 or slower and
one for 9600 - I have a 14.4) with no success. The modem speaker
was evidence that my set-up was working, though. I'll have to
experiment some more. If anyone has any ideas, I'd appreciate
them. If anyone wants some more help or is confused by something
I said in here, write me - I'll try my best to help.

Sean
sflynn@freenet.vancouver.bc.ca

5942. Re: BLEAK FUTURE FOR SCAN

Newsgroup: rec.radio.scanner
Date: 1994-11-25 10:50:06 UTC
From: rotnapple@aol.com
Message-ID: <3b4fgu$4mh@newsbf01.news.aol.com>
Source record: 265053

In article <9411201214.0H78R01@chrysalis.org>, glenn.johnson@chrysalis.org
writes:

->>>Monitor Police MDT traffic ?, for $2000. Tells us more? Like how did
they
->>>get around security features like encryption etc etc?

->>>I'd like to how and for only $2000.

->>>Greg

-I can be had for less - "i've heard" that you can use a standard pc,
-a scanner, and an interface box (basically a packet decoder - FSK)
-the boxes are around $100-$200. Most MDT's are not encrypted.
-but at 16 digit code will decrypt. (software in place will do this,
-but takes time to find the key) 'they' use the DES standard algo,
-but subject to change and availability.

-Watch the market, it will become available. (then soon to be outlawed)

-Glenn
-KB5VQI

Hello-

Isn't the key for DES encryption 52 bits in length, not 16 ? or I'm I
missing something here? Although DES may be dated, I thought it was still
pretty secure and that a PC wouldn't even dent it?

Greg

5943. Re: Radio Shack Bashing

Newsgroup: rec.radio.scanner
Date: 1994-11-25 12:13:46 UTC
From: gtolar@blkbox.com
Message-ID: <3b4kdq$l5d@news.blkbox.com>
Source record: 265067

GURU314708 (guru314708@aol.com) wrote:
: In article <3aj32i$nhh@newshost.lanl.gov>, Gerald Schmitt
: <ggs@aerie.lanl.gov> writes:

: I thought this was rec.radio.scanners not rec.bashing.radioshack,
: Hmmmmmm???? seems to me you don't have a clue!

: Got anything good to add about maybe scanners or good frequencies
: or maybe anything about radios?

WOW! Someone from AOL bashing someone from the internet. Now there is a switch! (I was once on AOL 2 years ago. They burned me!)

5944. Re: NOAA Satellite Reception

Newsgroup: rec.radio.scanner
Date: 1994-11-25 12:18:38 UTC
From: james.macleod@zetnet.co.uk
Message-ID: <3b4kmu$17@yell.zetnet.co.uk>
Source record: 265054

> Is there anyone out there that would know how to modify a Bearcat 560 so
> that the intermediate frequency bandwidth is between 35 to 50kHz?

> I would also be greatful for any other information on systems (like
> Vanguard) for receiving APT satellite images. I am trying to put together
> a system for our school and am facing budget restraints as well as those
> that think I'm nuts, so any help would be welcome.

Check out Short Wave Magazine Oct 94. The have a easy circuit to
convert sat images to fax ones for about 10.--
Jim, _/_/_/_/_/ _/ _/ _/
Shetland Isles _/ _/ _/_/ _/_/
james.macleod@zetnet.co.uk _/ _/ _/ _/ _/
_/_/_/ _/ _/ _/

5945. Re: Police HQ shooting in DC

Newsgroup: rec.radio.scanner
Date: 1994-11-25 13:04:04 UTC
From: ad225@detroit.freenet.org
Message-ID: <3b4nc4$cn1@detroit.freenet.org>
Source record: 265062

Les:

I remember that incident on Ch 4. It was the talk of the
street reporters the next day, for sure!

It apparently ws the result of lack of communication
between the two reporters via someone inside the station.
The reporter at the hospital was apparently unaware of
the police department's request.

It reminds me of the girl who was beheaded and her body
chopped up into little pieces, then buried in the backyard
in garbage bags in Warren, Michigan by avowed satanists.
Everyone had the victim's name. And her family here had
been informed. BUT, her father (who was divorsed from
her mother) was traveling from Florida to Detroit and
had not been informed.

Once one media outlet published or broadcast the name,
the others felt compelled to as well. I argued against
broadcasting the name but was overruled. However, I
still refused to use her name in my reports. The
station, though, did broadcast it.

It turns out the father heard the name while driving on
the Ohio Turnpike. Well, I covered the trial and got
to know the father pretty well, but never had the
nerve to ask him which radio station he had been
listening to.

After the guilty verdicts were in, I finally asked
the father. What a relief to learn he heard it on
another station! Still, it was a lesson learned for
the boss who ordered her name aired, and he's told
that story on himself many times since!

Gary Baumgarten
Reporter
WWJ Newsradio 950
Detroit
--
Gary Baumgarten
ad225@detroit.freenet.org

5946. Re: ECPA bites. Now what?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 13:31:54 UTC
From: sbradley@sgb.oau.org
Message-ID: <Czts97.9IA@sgb.oau.org>
Source record: 265076

Bruce James Robert Linley (linley@netcom.com) wrote:
: Is there any hope of ever getting rid of laws against listening to certain
: portions of the radio spectrum? Has anyone been charged with a violation
: of the ECPA no-listening-to-cellular clause? Has it ever gone to court?

None of the laws have stopped me from listening, real nice entertainment,
both cellular and cordless. So far, I have yet to speak/write/read/hear
from *anyone* who has ceased listening due to so-called laws. They are
not worth the ink they were signed with. They do *nothing*. Remember me
and this message next time that cellular dealer says "100% privacy guaranteed
since it's now against the law to purchase/listen to cellular" or that twit
in that place with the cordless phones saying "it's against the law to listen
you a competely protected!". Like I said, never stopped me! As per getting
equipment, that's easy. We have Javiation in the UK and Atlantic Ham Radio
Limited in Canada. Both are only too pleased to deliver to the US! Atlantic
guarantees delivery or you don't pay, simple as that -- they put that IN
WRITING, see any recent issue of Monitoring Times for details.

Steven
--
Steven G. Bradley | The Forest City Exchange | H) 407/862-7226
System Administrator | Forest City, Florida | W) 407/578-8007 x1196
| (407) 862-8088 (407) 788-8088 | steven@gate.net
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | sbradley@netcom.com

5947. Re: AOR 8000....can I get one in the US?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 13:40:54 UTC
From: sbradley@sgb.oau.org
Message-ID: <CztsoA.9ry@sgb.oau.org>
Source record: 265077

Jeff Goldman (76703.4224@CompuServe.COM) wrote:
: The AR8000s that are US-legal are now available from EEB for $649. Most
: dealers are going to be that price (ie Grove), but a few may be under
: $600.

: -Jeff, CIS HamNet

Since the U.S. Customs would not permit entry of an illegal device. Also since Javiation (UK) and Atlantic (Canada) have *no* difficulty importing them into the U.S., the term US-legal is a little incorrect. Let's be a little more honest here Jeff... The US-CENSORED, or US-LIMITED, or the US-RESTRICTED scanners would be a better means to describe it. We would not want to cause Atlantic or Javiation harm in their business (especially at Christmas!) due to a few slanderous remarks suggesting their scanners are either not legal, can not be legally obtained, or they can not supply legal units to the US. In small quantities up to three, there is no FCC approval required, therefore, there is NOTHING illegal with bringing in such units. Until someone makes a kit with the interface for the AR8000, the cable, AND cellular restore software available, I have yet to meet one person who would given even a thought of buying a US version of that product.

DON'T BUY THE US REJECTS! THEY ARE CRAP! THEY HAVE HOLES IN THEIR RECEIVE SPECTRUM. LET THE DEALERS KEEP'EM! LEAVE'M ON THE SHELF! IMPORT THEM FROM OVERSEAS. PUT YOUR MONEY WHERE IT COUNTS, IN THE CANADIAN/EUROPEAN ECONOMY!

Steven
--
Steven G. Bradley | The Forest City Exchange | H) 407/862-7226
System Administrator | Forest City, Florida | W) 407/578-8007 x1196
| (407) 862-8088 (407) 788-8088 | steven@gate.net
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | sbradley@netcom.com

5948. Police Tactical Frequencies - Encrypted?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 14:15:55 UTC
From: gascan@delphi.com
Message-ID: <9411250915591.The_Win-D.gascan@delphi.com>
Source record: 265055

Usually it means that they are simply changing frequencies. It is common for the agencies to save one or more channels for "tactical" situations. This allows units in different areas and perhaps different jurisdictions to use one particular channel for raids, swat situations, or general bs. They (at least in Cal.) do not generally switch to scrambling. They will use cellular phones.

Harry Robertson
gascan@delphi.com
74266.3073@compuserve.com

Orchides forum trahite cordes et mentes veniant.

5949. Re: Do police use DIGITAL TRANSMISSIONS?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 14:31:28 UTC
From: ken@mitre.org
Message-ID: <3b4sg0$22b@linus.mitre.org>
Source record: 265056

Also Fairfax County, VA Fire, Rescue, EMS, and Police use MDTs.

Ken

My opinions are mine own.

5950. Re: Radio Shack Bashing

Newsgroup: rec.radio.scanner
Date: 1994-11-25 15:17:39 UTC
From: axanar@gate.net
Message-ID: <3b4v6j$1csh@tequesta.gate.net>
Source record: 265057

GURU314708 (guru314708@aol.com) wrote:
: In article <3aj32i$nhh@newshost.lanl.gov>, Gerald Schmitt
: <ggs@aerie.lanl.gov> writes:

: I thought this was rec.radio.scanners not rec.bashing.radioshack,
: Hmmmmmm???? seems to me you don't have a clue!

: Got anything good to add about maybe scanners or good frequencies
: or maybe anything about radios?
You have no humor, you have no clue, you need to lighten-up a little bit:)
The best thing in the world is bashing Rat Shack, because their salesdroids
try to bullshit their way out of an answer that they don't know, instead
of coming out and saying that they don't know.

5951. Please don't let me get ripped off

Newsgroup: rec.radio.scanner
Date: 1994-11-25 15:20:25 UTC
From: mitchell@bgers.co.uk
Message-ID: <3b4vbp$k5b@atlas.bgers.co.uk>
Source record: 265059

I'm afraid this is a real FAQ, in fact a VFAQ, and I couldn't find an FAQ list anywhere. I'm a complete beginner who would like to buy a general-purpose handheld scanner, just to see what's out there. If I can, I'd like to save my pennies (< 200 UKP?), but I'm aware that you get what you pay for.

I've picked up a copy of Short Wave Magazine which reviews the new(??) Netpro PRO-44. I've also been to Tandy (big mistake?). What I can't seem to get is an unbiased opinion on whether I'd be wasting my time on a NETPRO-44, or whether it's OKish. Do I have to just go and buy one to find out, or should I face facts that I have to spend more than 200 quid to get something half decent (MVT 7000/7100?)?

Any advice or pointers to information I may have missed would be very gratefully received, including decent magazines, books etc in the UK.

--
==========
Paul Mitchell Telephone (UK) 091 216 0202 x2713
British Gas Email mitchell@bgers.co.uk
Engineering Research Station
Newcastle Upon Tyne, UK
--------==========---------
<A HREF="http://www.mps.ohio-state.edu/cgi-bin/hpp?psm.html">Dial my number</A>
==========
---- The views expressed here are highly unlikely to be those of British Gas ---

5952. Re: What are these frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 16:13:01 UTC
From: mulligan@ACM.ORG
Message-ID: <3b52ed$1cr@hopper.acm.org>
Source record: 265058

drjose@maestro.maestro.com (Al Martinez) asked:
> Does anybody know what these frequencies are ...

From the file fcc.allocations on oak.oakland.edu:

470 - 806 MHz: 6 MHz per channel, wide FM audio
....
512.000 - 806.000 Broadcast TV, Chs 21-69

806 - 896 MHz: FM @ 25 kHz steps (mobile 806-851, base 851-896)
....
824.040 - 834.360 Cellular Telephone (30 kHz steps)
834.390 - 835.620 Cellular Telephone (data) (30 kHz steps)
835.650 - 848.970 Cellular Telephone (30 kHz steps)
849.000 - 851.000 Aircraft Telephone (6 kHz steps - AM)
....
869.040 - 879.360 Cellular Telephone (30 kHz steps)
879.390 - 880.620 Cellular Telephone (data) (30 kHz steps)
880.650 - 893.970 Cellular Telephone (30 kHz steps)
894.000 - 896.000 Aircraft Telephone (6 kHz steps - AM)

5953. Re: PRO-51 military freqs?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 18:06:50 UTC
From: jcosiman@clark.net
Message-ID: <3b593q$3uv@clarknet.clark.net>
Source record: 265060

Barry P. Lancaster (16320@ef.ev.maricopa.edu) wrote:
: Howdy... can someone tell me if it's possible to restore the military
: frequencies in the PRO-51? My brother's got one (I have a pro-43), and we

It is /not/ possible to restore the military bands in the Pro-51. :-(

--
+--+
| jcosiman@clark.net - jcosimano@his.com |
| |
| Finger for PGP public key |
+--+

5954. Re: BLEAK FUTURE FOR SCAN

Newsgroup: rec.radio.scanner
Date: 1994-11-25 18:07:17 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.941125100005.18944A-100000@holmes.ece.orst.edu>
Source record: 265061

On 25 Nov 1994, RotnApple wrote:

> In article <9411201214.0H78R01@chrysalis.org>, glenn.johnson@chrysalis.org
> writes:
>
> Hello-
>
> Isn't the key for DES encryption 52 bits in length, not 16 ? or I'm I
> missing something here? Although DES may be dated, I thought it was still
> pretty secure and that a PC wouldn't even dent it?
>
> Greg
>

Hi,
You are correct. DES is secure. So secure it would take a normal PC years to crack it. If they change the code often you'd have to crack it everytime. No one has cracked it yet. I'm sure there are claims but to my knowledge no one has actually done it. Parallel about 100 dual chip Pentiums together and you would have a decent chance. The Govt keys have more bits than the commercial version so there you have even less of a chance. Bottom line is: for the normal scannist forget it. Unless you have a lot of money$$ If you did manage to break it I'm sure the feds would be giving you a visit to see how you are:-)

5955. Re: Police Tactical Frequencies - Encrypted?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 18:15:44 UTC
From: jmaio@swcp.com
Message-ID: <jmaio.65.000B4373@swcp.com>
Source record: 265063

>When the fuzz "go to tactical - one" for example, are they using an
>encrypted transmission scheme, or spread spectrum, or what??

>Thanks in advance for any info you may provide.

>Ray Minich
>e-mail = rminich@sbu.edu

It may just mean they are going to a predetermined tactical channel - where a team talks to each other and a field command post but not the dispatcher. When they say "go secure" and then you hear "nothing" - what you thing is "nothing" or "static" may very well be spread-apectrom, encrypted comm.

John Maio, Albuquerque, NM |jmaio@swcp.com
|WB2ARS@WB2ARS.NM.USA.NA

"Be careful about what you ask for - you might just get it"

5956. Re: CHP plane frequency?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 18:16:48 UTC
From: wps@ElSegundoCA.NCR.COM
Message-ID: <Czu5G1.LH6@lcpd2.SanDiegoCA.NCR.COM>
Source record: 265068

In article 9tv@crl6.crl.com, mhalver@crl.com (Mark Halverson) writes:
-->In Sonoma County and in some parts of the state their are using 154.9200
-->the CLEMARS freq for VHF, this is also their simplex re-broadcast freq.
-->used to tx from the patrol car to their hand held radios.
-->
-->73s
-->Mark KC6RLB
-->

I have the CHP car extender as 154.905

That is what I have programmed into my radio and it works for me
here in the LA area.

Bill

+---+
| Bill Starkgraf wps@ElSegundoCA.ncr.com |
| AT&T Global Information Solutions (310) 524-5754 |
| El Segundo, CA (800) 222-8372 x5754 |
| |
| Call: KD6UQB Simi Settlers ARC |
| Simi Valley, CA |
+---+

5957. FOR SALE: Realistic PRO-2025 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-25 19:13:52 UTC
From: medic@connix.com
Message-ID: <3b5d1g$qfn@comet.connix.com>
Source record: 265064
Cross-posted to: misc.forsale,ne.forsale,rec.radio.scanner,alt.radio.scanner,rec.radio.swap

****** FOR SALE: Realistic (Radio Shack) PRO-2025 Mobile Scanner ******

- Frequency Range: 33 - 54 Mhz (VHF Lo; Amateur 6M Band)
138 - 174 Mhz (VHF Hi; Amateur 2M Band)
380 - 510 Mhz (UHF Lo/Hi; Amateur 70cm Band)

- Unit in very good condition and never abused.
- Reliable and dependable.
- Includes mobile bracket and cigar lighter plug power cord

Asking $50 or B/O...that includes $5 for shipping...

--
=-=-=-

5958. SSB scanners decrypt? was(Re: Frequency inversion and other encryption)

Newsgroup: rec.radio.scanner
Date: 1994-11-25 19:24:23 UTC
From: Vic <vhealey@crl.com>
Message-ID: <3b5dl7$j8e@nntp.crl.com>
Source record: 265065

Joshua.Jeffery@p79.f40.n105.z1.fidonet.org (Joshua Jeffery) wrote:
>
> On (21 Nov 94) Thomas N Tumino wrote to All...
>
> TN> From: v078l3eg@ubvms.cc.buffalo.edu (Thomas N Tumino)
> TN> Newsgroups: rec.radio.scanner
> TN> Organization: University at Buffalo
> TN> Reply-To: v078l3eg@ubvms.cc.buffalo.edu
>
> TN> Does anyone know where I can buy something to encrypt audio with frequency
> TN> inversion
> Call either a GE (General Electric) or Motorola dealership near you, they'll
> have something.
>
>
> or listen to something that is using frequency inversion or some
> TN> similar encryption?
>
I wonder if the scanners that have ssb can be slope tuned to

an fm freq and decrypt the audio?

Vic

5959. Help! [Testing]

Newsgroup: rec.radio.scanner
Date: 1994-11-25 19:42:44 UTC
From: mccaskey@freenet3.scri.fsu.edu
Message-ID: <3b5enk$kec@freenet3.scri.fsu.edu>
Source record: 265070

I would appreciate it if you would send me a short note acknowledging
that you have seen this article if you are outside the Tallahassee
Freenet system. Please also let me know in which discussion group that you
have seen this request. For some unknown reason, the Freenet has been having
problems with my outgoing posts. There seems to be some sort of
blockage of my posts. The "powers-that-be" at Tallahassee Freenet have
been trying to solve this problem, however their suggestions so far
have gone for naught. Sorry to be offtopic, but since no one has
responded to any of my on-topic posts in recent weeks, I am making a
direct offtopic request for assistance.
--
Carl McCaskey [mccaskey@freenet.fsu.edu]
Listen to "The Carl & Jonathan Show", 3-5 pm Saturdays
on WNLS, 1270 AM in Tallahassee, Florida.
Call in at 422-WNLS = 422-9657

5960. THE 10TH AMENDMENT RESOLUTION OF THE STATE OF COLORADO

Newsgroup: rec.radio.scanner
Date: 1994-11-25 20:05:06 UTC
From: Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
Message-ID: <785807137.AA02772@jina.rain.com>
Source record: 265078

On (22 Nov 94) bill nelson wrote to (crosspost 2) All...

bn> From: billn@hpcvaac.cv.hp.com (bill nelson)
bn> Newsgroups: alt.activism, alt.politics.libertarian, rec.radio.scanner,
bn> talk.politics.misc
bn> Organization: Hewlett-Packard Company, Corvallis, Oregon USA

bn> William_Mosco@vos.stratus.com writes:
: => billn@hpcvaac.cv.hp.com (bill nelson) wrote:
bn> :
: =>So, if the Supreme Court said that the ammendment to the constitution
: =>granting women the right to vote was unconstitutional, you wouldn't
: =>object? After all, the 9 gods have ruled - who are you to doubt them?
bn> :
bn> : It's impossible to call an amendment to the constitution
bn> : "unconstitutional".

bn> It is? I wouldn't bet on it. It would certainly stir up a bunch of
bn> interesting debate, in congress and elsewhere.

In theroy, it is, unfortuantly, with such a warping of law over the
last twenty-five years, the court can do whatever the hell it wants.
The way government is supposed to work in a republic (the US is NOT a
Democracy), is that the States have authority over themseleves, and the
federal government is supposed to control only things that have to do with
ALL states. Any rights that aren't given to the Federal Gov't, and are not
denied to the states by the consitituion, are given to the people,
i.e. the states. The federal gov't is not supposed to have the amount of
control it has. The Checks and Balances system stopped working a long
time ago.

Josh
****
Joshua Jeffery 1:105/40.79 FIDO Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
FIDO/INTERNET Dwight@Industrial.com Jefferyj@Glencoe.hillsborouh.k12.or.us
* USENET Explorer, Wash. Co. Sheriff's Office *
****

... FREEDOM...void where prohibited by law

5961. Do police use DIGITAL TRANSMISSIONS?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 20:08:59 UTC
From: Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
Message-ID: <785807137.AA02773@jina.rain.com>
Source record: 265079

On (20 Nov 94) Matthew Volkmer wrote to All...

MV> From: matthew@hal9000.apana.org.au (Matthew Volkmer)
MV> Newsgroups: rec.radio.scanner
MV> Organization: The closed world of Discovery.

MV> Can anyone tell me if their local police department use digital
MV> transmissions at all? (Cannot be understood on scanner!)

MV> I am just wondering if digital is used much throughout the world.

Well, my department went to 800 MHz a couple of months ago, and we're all
setup for digital communication, although it isn't rolling as of yet, and
I hope it doesn't, because I consider it very annoying.

Josh

```
***************************************************************************
*Joshua Jeffery 1:105/40.79 FIDO Joshua.Jeffery@p79.f40.n105.z1.fidonet.org*
*FIDO/INTERNET Dwight@Industrial.com Jefferyj@Glencoe.hillsborouh.k12.or.us*
* USENET Explorer, Wash. Co. Sheriff's Office *
***************************************************************************
```

... Sure, she's cute. But can she *type*?

5962. **REVISED** FOR SALE: Realistic PRO-2025 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-25 20:14:47 UTC
From: medic@connix.com
Message-ID: <3b5gjn$rg7@comet.connix.com>
Source record: 265066
Cross-posted to: misc.forsale,ne.forsale,alt.radio.scanner,rec.radio.scanner,rec.radio.swap

****** FOR SALE: Realistic (Radio Shack) PRO-2025 Mobile Scanner ******

- Frequency Range: 33 - 54 Mhz (VHF Lo; Amateur 6M Band)
138 - 174 Mhz (VHF Hi; Amateur 2M Band)
380 - 510 Mhz (UHF Lo/Hi; Amateur 70cm Band)

- 16 channels, two-digit channel display w/ freq. review feature
- Volume Control & Squelch Control, channel lockout feature
- Priority Scan (scans freq. in channel 1 every 2 seconds)
- Auto Weather Scan (scans for NOAA weather channel in area)
- Unit in very good condition and never abused.
- Reliable and dependable.
- Includes mobile bracket and cigar lighter plug power cord

Asking $50 or B/O...that includes $5 for shipping...

--
=-=-=-

5963. For sale:Bearcat 890XLT with tone board

Newsgroup: rec.radio.scanner
Date: 1994-11-25 21:04:31 UTC
From: dmaxwell@hookup.net
Message-ID: <dmaxwell.9.2ED6515E@hookup.net>
Source record: 265069

```
For sale Bearcat890 XLT with CTCSS tone board>All OPP preprogramed>Used only 2
hrs.$500.00 canadian firm.Normally $700.00 plus tax.
--------------------------------------------------------------------------
David R. Maxwell dmaxwell@hookup.net
519 449-5733
--------------------------------------------------------------------------
```

5964. Re: Handheld?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 21:54:20 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3b5mec$hp9$1@mhadg.production.compuserve.com>
Source record: 265071

Oops, I meant that if the Pro43's FCC ID ends in 20-300A, then it is

unmodifiable. :-)

5965. Re: AOR 8000....can I get one in the US?

Newsgroup: rec.radio.scanner
Date: 1994-11-25 22:20:47 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3b5nvv$h77@sparc.occ.uky.edu>
Source record: 265073

hglassma@daniel.drew.edu wrote:
: Is the AOR-8000 available in the USA? I called A.C.E. Communications
: and they said that is was not CERTIFIED for sale in the US. The guy
: said it may never be certified (by the FCC).

Grove says FCC approval has been received by AOR and shipping should be
in 1-2 weeks

: What is the cost? I heard $500.

$649 at Grove

I called one of the Canadian suppliers and they wanted $800 plus shipping
plus 5% customs duty!!!
--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

5966. BC200XLT Question

Newsgroup: rec.radio.scanner
Date: 1994-11-25 22:46:12 UTC
From: quioxte@netcom.com
Message-ID: <quioxteCzuHx0.DAL@netcom.com>
Source record: 265074

I would like to reorganize my programmed frequencies but the 200XLT will not allow duplicate frequencies to be enterd. Is there a way to erase my current frequencies and start from scratch?

5967. NFL Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-25 23:03:49 UTC
From: Neal Eckhardt <eckhardt@cyber1.servtech.com>
Message-ID: <3b5qgl$8m9@uhost1.servtech.com>
Source record: 265075

While Internet Surfing a few weeks ago, I came accross the frequencies for some NFL teams and TV personnel. I have been unable to find them again.

HELP! I am going to an NFL game next weekend.

Thanks,

Neal

eckhardt@cyber1.servtech.com

5968. Re: BC200XLT Question

Newsgroup: rec.radio.scanner
Date: 1994-11-26 00:22:17 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CzuMD5.GL2@nntpa.cb.att.com>
Source record: 265080

In article <quioxteCzuHx0.DAL@netcom.com>,
Michael J. Robert <quioxte@netcom.com> wrote:

>I would like to reorganize my programmed frequencies but the
>200XLT will not allow duplicate frequencies to be enterd.

Yes it will. If you are in MANUAL mode, at the memory channel you
want programmed, use the keypad to enter the frequency, then
press ENTER.

The 200xlt (and other newer Uniden/Bearcat models) quickly searches
memory to see if the same frequency has already been
stored into another memory channel. If it has, the scanner will flash
the channel number.

At that point, you have 2 choices:

1) press ENTER (again) to store the frequency
-or-
2) abort the programming operation by pressing MANUAL.
--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5969. Re: FREQUENCY POSTING

Newsgroup: rec.radio.scanner
Date: 1994-11-26 01:53:15 UTC
From: tharrell@nmsu.edu
Message-ID: <3b64eb$6np@dns1.NMSU.Edu>
Source record: 265081

Mark Halverson (mhalver@crl.com) wrote:
: I have a request...(for what it worth)...if people are going to post
: frequencies could they PLEASE include the important information? like this...

[example deleted]

We would, but not all of us have access to PL tone decoders....
--
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5KTO Beware of geeks bearing .gifs... |
| The Second Amendment is the '...and we're not kidding!' clause |

5970. BC200XLT Question

Newsgroup: rec.radio.scanner
Date: 1994-11-26 02:40:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.2000.3415@the-boss.com>
Source record: 265084

TO : quioxte@netcom.com
FROM : dominic.post@the-boss.com
MJR>Newsgroups: rec.radio.scanner

MJR>I would like to reorganize my programmed frequencies but the 200XLT will no
MJR>allow duplicate frequencies to be enterd. Is there a way to erase my curre
MJR>frequencies and start from scratch?
Michael:
All you have to do is push enter twice You can put the same FREQ. in
^^^^ ^^^^^ ^^^^^
as many times as you want...

> dominic.post@the-boss.com <
> f309.n2604.z1.fidonet.org <

"1935 will go down in history. For the first time, a civilized nation
has full gun registration. Our streets will be safer, our police more
efficient and the world will follow our lead to the future." -- Adolf Hitler
Steve Morgan internet: smorgan@netcom.com

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

+---+
Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com

___ __ _ __ __ __ _ _ __
| |__| |_ |_) | | |__ |__ |_) |_) |__
| | | |__ |_) |__| __| __| |_) |_) __|
+---+

5971. Christmas Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-11-26 02:55:21 UTC
From: shawn4sk1@aol.com
Message-ID: <3b682p$fmt@newsbf01.news.aol.com>
Source record: 265082

Everybody's going "What?! Christmas Freqs?!" but that's what I'm really going to ask about.

This will be my first Christmas season with a real scanner (PRO-38 to PRO-2006!) and I was wondering as I drove by the Mall today and saw the billions and billions of people stupid enough to even think about shopping today, are there any special frequency ranges to listen to where the "secret shopper" plain clothes security people discuss catching people they're busting for stealing?

Sounded like a fun seasonal idea if there is such a thing going on. (I'm in Springfield, MO if that matters to ya)

I already thought of Mall security but I always listen to them anyway...

:-)

Shawn/SK1

5972. pro 2026 mods

Newsgroup: rec.radio.scanner
Date: 1994-11-26 03:24:53 UTC
From: Rob.Cooter@launchpad.unc.edu
Message-ID: <3b69q5$e8u@bigblue.oit.unc.edu>
Source record: 265083

I have spent quite a few hours looking for a low band modification,so i finally sent e-mail to bill cheek(author of scanner modification handbooks) and there is no such mod!I have also heard rumour of a 200 channel mod,this to is false.So it looks like cellular and a few analog mods may be it!

--
-- --
Launchpad is an experimental internet BBS. The views of its users do not necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
-- --

5973. Re: BC200XLT Question

Newsgroup: rec.radio.scanner
Date: 1994-11-26 05:48:57 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.941125214639.28383B-100000@holmes.ece.orst.edu>
Source record: 265085

On Fri, 25 Nov 1994, Michael J. Robert wrote:

> I would like to reorganize my programmed frequencies but the 200XLT will not
> allow duplicate frequencies to be enterd. Is there a way to erase my current
> frequencies and start from scratch?

You CAN enter freqs twice. When you enter the channel and it blinks CH 42
just hit enter again and it will do it. It works on mine.
PS you wouldn't happen to know a mod that will get rid of the 15 sec auto
light turn off. I like to have it on continuous sometimes.

5974. Unlocking 800 MHz

Newsgroup: rec.radio.scanner
Date: 1994-11-26 07:36:03 UTC
From: "INCH A_(aka INCHY!!!)" <G4W5@UNB.CA>
Message-ID: <26NOV94.03888952.0039@UNBVM1.CSD.UNB.CA>
Source record: 265086

I have been told that it's possible to gain access to cell and other blocked frequencies on my scanner by entering a code which sends it in to some form of test mode, my model is a pretty basic Pro 2028, aka Uniden, if you can give me a possible code and how to go about doing this or any other simple mods please E-mail me at g4w5@UNB.ca or just post it. THANKS! Adam Inch

5975. Re: Modem to Scanner - help!

Newsgroup: rec.radio.scanner
Date: 1994-11-26 12:57:58 UTC
From: julian@kesteven.win-uk.net
Message-ID: <135@kesteven.win-uk.net>
Source record: 265143

In article <3b3k53$rq7@panix2.panix.com>, Marty Focazio (martyf@panix.com) writes:
>Jeffrey Starin (starin@netcom.com) wrote:
>: Before I go ahead and blow up my modem through experimentation, I thought
>: I'd ask the gurus in this group if they know how to connect a radio tape
>: out plug to the input of a modem. Any ideas?
>
>Uh, what are you planning to do here? The input of a modem is digital
>data, not audio. Unless you mean one of the newer voice/fax capable
>modems, and that's just a mike level input. Tell me more...

Hmmm... far be it from me to run to the aid of one who gives scant info and expects a comprehensive reply, but Jeffrey isn't necessarily too far out of the ballpark! come on, Marty, give the guy a break - look at the back of your modem. I'd guess you'll see a 25-way D-connector for FDX digital (DCE-DTE i/face) and some method of connecting to the outside world via a telephone line (analogue input). This is what I reckon Jeffrey wants to feed his tape-out into. Right... having said that, I don't know enough about US telco singal levels to answer the original posting, but I've done it here in UK. Hey... has anyone wondered why you'd want to do this thing anyway?... Ssshhh, Jeff... keep them guessing!

Are we still having fun?

(G1EKW again RSN)

Julian

5976. Re: Handheld?

Newsgroup: rec.radio.scanner
Date: 1994-11-26 13:02:23 UTC
From: komkit@clark.net
Message-ID: <3b7bkv$e5b@clarknet.clark.net>
Source record: 265088

Jeff Goldman (76703.4224@CompuServe.COM) wrote:
: The Pro43 is really good, but only modifiable for the missing parts of
: 800MHz if its datecode isn't after 1A4. Or, you can check the FCC ID number
: on the back of the scanner. If it ends in 20-308A, then it isn't modifiable.

U'm mine is old verison, it's left over in the store (I guess).. I don't
have no 'A' after FCC ID and my date code is 2A3 .. u'm is it ok with FCC
that you mods them to scanning cell phone?

5977. Re: AOR 8000

Newsgroup: rec.radio.scanner
Date: 1994-11-26 14:24:05 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3b7ge5$3vr@sparc.occ.uky.edu>
Source record: 265089

: >Has anyone figured out how to eliminate the "Welcome" message?

: From what I've heard, the delay after power-up is mandatory as the CPU
: "boots". So you'd be faced with a blank screen and able to do nothing
: during that period anyway.

Now if this was the rec.computer area, we'd be figuring out how to hack
in custom boot-up screens!!

In the Monitoring Times review, there was a reference to turning off the
Welcome ... message (maybe wishful thinking by the reviewer??)
--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

5978. Re: still available

Newsgroup: rec.radio.scanner
Date: 1994-11-26 14:34:02 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3b7h0q$3vr@sparc.occ.uky.edu>
Source record: 265090

Bob Parnass, AJ9S (parnass@nwsf.ih.att.com) wrote:

: I heard that Grove Enterprises *may* have recently acquired a quantity
: of restorable Uniden/Bearcat 200xlt (yes, 200xlt) portable scanners
: for resale.

Have you ever seen a modification for the 200xlt that would allow
full-time AC use? I'd like to keep mine hooked up to the wall plug (like
a desk-top unit) without worrying about messing up the nicads and without
constantly swapping battery packs.

I'm thinking about a current limiter to mount between the wall box and
the scanner. Maybe a box with a switch (Charge/Maintain) that would let
you recharge the nicads and then switch to a minimal current that would
just keep the batteries at full charge.

A more elaborate version would have a "smart" regulator that would
replace the manual switch.

Ideas?? Comments??
--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

5979. BC100XLT...modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-11-26 16:08:39 UTC
From: roebuck@infi.net
Message-ID: <3b7mi7$l19@lucy.infi.net>
Source record: 265136

I just got a BC100XLT. It only reaches 512 MHz. I heard they aren't
modifiable. True or not? I would like to get at least 800 MHz.
What are my options?

--
My Escape From Unresourceful Thought is Illuminated Through
My Knowledge of the Progression on the Enlightened Path.
- S. Timothy Roebuck
>> roebuck@infi.net

5980. ICW21-AT

Newsgroup: rec.radio.scanner
Date: 1994-11-26 16:17:57 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-2611941017380001@net203.metronet.com>
Source record: 265093
Cross-posted to: rec.radio.swap,rec.radio.scanner

```
My price New @ HRO (11/26/94)
IC-W21AT with BC-131 whisper mike $439
Additional BC-131 Whisper battery pack 96
TH-75 Speaker mike with remote control 75
Leatherette case 25
----- -----
$400 635

Shipping to CONUS approximately $10. Price is firm.

--
Marc B. Grant
marcbg@metronet.com
Amateur Radio N5MEI
```

5981. Westchester Cty, NY PD radio codes

Newsgroup: rec.radio.scanner
Date: 1994-11-26 16:30:06 UTC
From: j4dice@aol.com
Message-ID: <3b7nqe$nif@newsbf01.news.aol.com>
Source record: 265091

Does anyone have the radio codes for the Westchester County, NY PD? If so, could you please e-mail them to me or post them here? Many thanks.

Jim Fordyce
J4Dice@aol.com
Coram, NY

5982. Bridgeport, CT FD/PD 10-codes

Newsgroup: rec.radio.scanner
Date: 1994-11-26 16:30:26 UTC
From: j4dice@aol.com
Message-ID: <3b7nr2$nj7@newsbf01.news.aol.com>
Source record: 265092

Does anyone have the radio codes for the Bridgeport, CT FD & PD? If so, could you please post them or e-mail them to me. Many thanks.

Jim Fordyce
J4Dice@aol.com
Coram, NY

5983. Re: Activity in 72-76 Mhz Range

Newsgroup: rec.radio.scanner
Date: 1994-11-26 17:53:55 UTC
From: merlin@neuro.usc.edu
Message-ID: <3b7snj$n9m@neuro.usc.edu>
Source record: 265094
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In the Los Angeles area we find mostly remote studio audio links and interoffice paging relay stations. Generally this band of is little interest to casual scanning (non digital) enthusiasts.

5984. Re: Pro 39

Newsgroup: rec.radio.scanner
Date: 1994-11-26 17:56:53 UTC
From: ebdavidson@delphi.com
Message-ID: <hOwWtq9.ebdavidson@delphi.com>
Source record: 265095

RE: You request for PRO-39 mods - There are a couple of msg's on this forum which will guide you through the mod to restore the cellular band from 868-894 mhz. I just did mine yesterday in fact. It worked great. Basically you just need to dig down to the bottom circuit board, remove the metal shield and clip D-6. (No way in hell could I unsolder it.)

P.S. Does anyone know what D-5 does??

Good day - Brad

5985. Re: still available

Newsgroup: rec.radio.scanner
Date: 1994-11-26 18:02:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.2015.3415@the-boss.com>
Source record: 265097

TO :jadantin@ndlc.occ.uky.edu
From : dominic.post@the-boss.com
Newsgroups: rec.radio.scanner

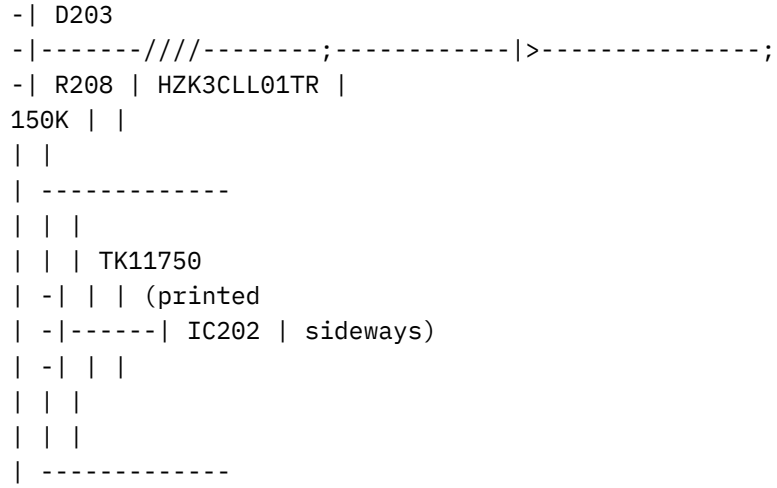
JD>: I heard that Grove Enterprises *may* have recently acquired a quantity
JD>: of restorable Uniden/Bearcat 200xlt (yes, 200xlt) portable scanners
JD>: for resale.
From "Monitoring Times" December 1994 page 19
Communication Electronics
1-800-USA-SCAN (I know but that is the way they have it
listed)
BC200XLT$198.95

JD>Have you ever seen a modification for the 200xltthat would allow

BC200XLT SHORT BATTERY LIFE SOLVED
BC200XLT

It turns out that the batteries were not really at fault; a
zener diode which determines the voltage at which the low-
battery indicator would come on was defective in some units,
causing the circuit to actuate prematurely. Replacing that
idode and changing the value of an associated resistor pro-
vides the answer.

As shown in the accompanying diagram, zener diode D203 and
resistor R208 are the parts in question. D203 should be
about 7 volts and R208 should be 150,000 ohms. These are
miniature surface-mount devices on double- sided circuit
board; if your radio is under warranty, attemping this fix
yourself will void that warranty.



|
|
|

SHORT CUT
****THIS IS THE ONE TO USE****

Mark Machcinski of Wyandotte, Michigan, came up with hisw
own solution. He simply soldered a wire bridge across diode
D203, disabling the low battery indicator entirely. The
radio now operates uninterrupted until it blanks out when
the abttery level drops to about 4.5 volts.

Yet another suggestions from a Canadian reader would bridge
the original diode with a 6.8K resistor, defeating the
premature recharge signal, yet preventing the battery from
too low a discharge.

JD>a desk-top unit) without worrying about messing up the nicads and
without JD>constantly swapping battery packs.
J.D. I have a BC200XLT Ihad it pluged into the wall all the time
for the last 5 years, the batteries are still fine, did the Batt.
Mod. still get 9Hr. when I use it on Batteries.

> dominic.post@the-boss.com <
> f309.n2604.z1.fidonet.org <

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

+--+
Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com
___ __ _ __ __ __ _ _ __
| |__| |_ |_) | | |__ |__ |_) |_) |__
| | | |__ |_) |__| __| __| |_) |_) __|
+--+

5986. Re: still available

Newsgroup: rec.radio.scanner
Date: 1994-11-26 18:02:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.2016.3415@the-boss.com>
Source record: 265098

TO :jadantin@ndlc.occ.uky.edu
From : dominic.post@the-boss.com
JD>Newsgroups: rec.radio.scanner

Uniden BC200/205 Business Band Restoration

Prior to performing this modification take the following precautions to insure that damage does not occur to any component inside of your Uniden scanner.

A) Try to perform the modification in a low static electricity environment.

B) Avoid wearing wool clothing or walking across a carpet (in low humidity areas) as well as touching your scanner or any component inside the chassis.

Required tools: A small phillips screwdriver and a fine-pointed snipping tool.

MODIFICATION PROCEDURE ---

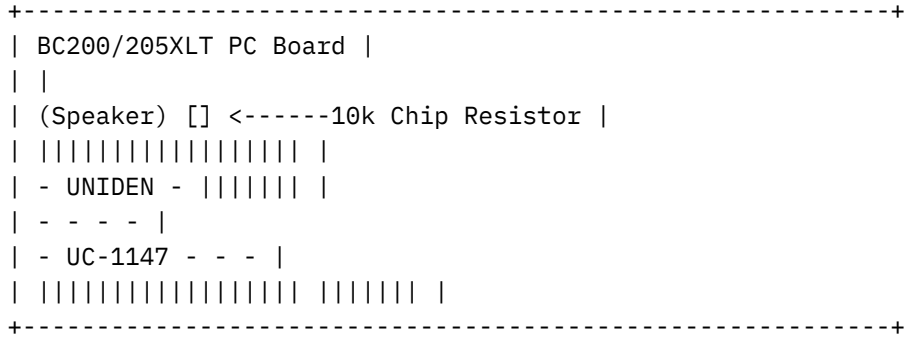
1) Disconnect the antenna and slide off the battery pack from the scanner.

2) Remove the two screws from the back of the scanner plus the two screws that hold the battery pack retaining spring in place as well as the spring itself.

3) Carefully pry the bottom of the rear of the cover from the radio then remove the cover.

4) Locate the two small screws at the base of the circuit board and remove them. Gently pull the front panel from the mainframe at the BASE (the two halves are connected by a plug so their will be some resistance) and separate them.

5) Consult the illustration below and locate the IC labeled "UNIDEN UC-1147" and the 10K chip resistor positioned above the letters "DEN" on the integrated circuit. (The resistor will be color coded brown-black-orange).



6) Using the small wire cutters, cut the resistor in half. (Be careful as the resistor may shatter causing debris to scatter along the PC board). Be sure to remove all left over residue by blowing or brushing it away. The solder pad that the resistor was soldered to may peel up as you remove the resistor. You may peel the pad off if done carefully not to disturb the surrounding area or components.

7) To reassemble insert the top of the front panel into the slot under the volume/squelch control panel while noticing the alignment of the dual in-line connector at the bottom of the board with the mating socket and finally pressing it (the front panel) in place. Be sure that the holes in the PC board line up with the holes in the plastic standoffs under the board.

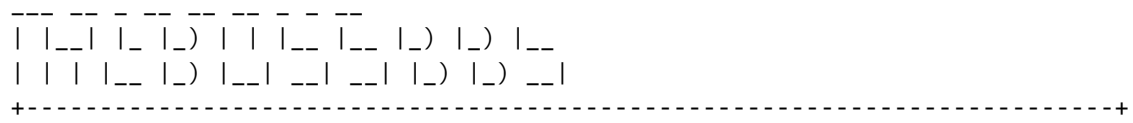
8) Insert the two screws and gently tighten. Replace the back cover by inserting the top of the cover into the slot under the volume/squelch control panel. Press the cover into place, insert and tighten the screws. Replace the battery retaining sprint with the slotted side facing the notched hole. Insert the two remaining screws and gently tighten them. Slide the battery pack into place and switch the scanner on to make sure the display comes on. If not, check that the battery is charged and/or the battery retainer spring is properly mounted or dual in-line connector was misaligned during reassembly. Assuming the modification and the reassembly was successful, switch the scanner on, press manual, 845.0, E and within a couple of seconds you should see the frequency 845.000 MHz displayed. The modification is now complete!

Try it it is very easy to do.....

> dominic.post@the-boss.com <
> f309.n2604.z1.fidonet.org <

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

+--+
Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com



5987. Looking for Mr. Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-26 18:14:54 UTC
From: fporlowi@prairienet.org
Message-ID: <3b7tuu$h4p@vixen.cso.uiuc.edu>
Source record: 265096

I am looking for the frequency for the security force at the Joliet Junior College in Joliet IL. I have looked in all the normal scanner listings with no luck. They don't use the local police frequencies or the normal college frequency and I have also tried the park district frequency with no luck.

--
Are we having fun yet?

Frank

5988. SALE: 200 channel scanner 30-54/108-136/136-174/380-512/806-960 MHz

Newsgroup: rec.radio.scanner
Date: 1994-11-26 18:23:23 UTC
From: merlin@neuro.usc.edu
Message-ID: <3b7uer$nd9@neuro.usc.edu>
Source record: 265099
Cross-posted to: usc.general,usc.forsale,la.forsale,misc.forsale,sdnet.forsale,alt.radio.scanner,rec.radio.scanner,rec.radio.swap,alt.2600,comp.dcom.telecom.tech

Radio Shack Realistic PRO-2022 -- 200 Channel Scanning Radio Receiver

30- 54 MHz
108-136 MHz
136-174 MHz
380-512 MHz
806-960 MHz

Purchased about one year ago from Radio Shack -- all original wrapping intact. This unit is in cosmetically and electronically perfect condition -- no dents, dings, or any electronic problems. Performs perfectly to all specifications.

Cellular telephone modification (simple cut of one diode lead -- reversible) performs perfectly -- scanning automatically at appropriate 30 MHz intervals.

Includes all commonly used state and federal government, law enforcement, mobile telephone, itinerant business, campus police & physical plant, ham radio, cellular telephone, and other commonly used frequencies.

This is the best scanner I have owned in many years of scanning. It would be a perfect gift for the casual and/or serious radio scanning enthusiast.

Price: $200 (relatively firm) or best offer --plus-- shipping.

Reason for selling: moving to University College, London, England -- 1995.

Please contact by email if interested to make arrangements for exchange.

I can throw in copies of Los Angeles area civilian, campus and nationwide federal government agency -- including rare military frequency directories.

Alexander-James Annala
Principal Investigator
Neuroscience Image Analysis Network
HEDCO Neuroscience Building, Fifth Floor
University of Southern California
University Park
Los Angeles, CA 90089-2520

5989. Re: Cobb County, GA Fire Dept freq?

Newsgroup: rec.radio.scanner
Date: 1994-11-26 18:28:53 UTC
From: ccopreb@phantom.oit.gatech.edu
Message-ID: <3b7up5$7gd@phantom.oit.gatech.edu>
Source record: 265100

In <3b3fdb$ehg@ixnews1.ix.netcom.com> JDE1@ix.netcom.com (Jerry Ennis) writes:

>The Cobb County, Georgia, Fire Dept dispatch frequency appears to have
>changed from 46.420 MHz.

They are on the same 800Mhz trunk with the Cobb Co. police department.
I don't have the frequencies here with me.... e-mail me if you don't
already have them.
--
Earl Barfield -- Operations Department / Information Technology
Georgia Institute of Technology, Atlanta Georgia, 30332
Internet: Earl.Barfield@oit.gatech.edu ccopreb@prism.gatech.edu
earl@fantasy.gatech.edu ccopreb@oit.gatech.edu

5990. E-Mail & Frequency Reference Info

Newsgroup: rec.radio.scanner
Date: 1994-11-26 18:51:33 UTC
From: g9153402@huey.csun.edu
Message-ID: <3b803l$nao@nic-nac.CSU.net>
Source record: 265101
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Below are my e-mail addresses for international broadcasters, that I have collected so far, and a fairly brief chart where radio frequencies are located in the spectrum. If anyone knows of additions or corrections for me to make to the e-mail list, please tell me.

Berton Corson
Northridge, California USA
g9153402@huey.csun.edu

World Radio Network (satellite feed of international broadcasts)
wrn@cityscape.co.uk

Radio For Peace International (Costa Rica)
rfpicr@nicarao.apc.org

Radio Havana
radiohc@tinored.cu

Radio Prague
cr@radio.anet.cz

Radio HCJB (Ecuador)
English Department: english@mhs.hcjb.com.ec
ftp site: nw311.hcjb.com.ec

Italian Radio Relay Service
100020.1013@compuserve.com

Radio Netherlands
3382983@mcimail.com

Radio New Zealand International
adrian@actrix.gen.nz

Radio Sweden
wood@stab.sr.se
70247.3516@compuserve.com

BBC World Service
iac@bbc-ibar.demon.co.uk
World Wide Web: http://www.bbcnc.org.uk

Monitor Radio International (WCSN, WSHB, KHBI)
Letters/Reception Reports: letterbox@csms.com
Technical Questions: letterbox-tech@csms.com
WCSN Station Manager Bob Stessel: stes@wcsn.csms.com

KHBI Station Manager Doming Villar: doming@khbi.csms.com
WSHB Senior Station Manager Ed Evans: cee@wshb.csms.com
QSL Coordinator Judy Cook: judy@wshb.csms.com

Radio Free Europe/Radio Liberty
David Walcutt: walcuttd@rferl.org

Spectrum DX Program at WWCR Nashville
spectrum@overleaf.com
askspectrum@attmail.com
spectrumshow@genie.geis.com

Contacting VOA and Worldnet by Electronic Mail

At this time, only a few public electronic mail addresses are available
for VOA and Worldnet. These are listed below.

We do not maintain a public directory service of electronic mail
addresses for members of our staff and we regret that we are not able
to respond to individual requests for electronic mail addresses.

Publicly Available Electronic Mail Addresses for VOA and Worldnet
==========

General Information
---

info@VOA.GOV Electronic mail information server.
Send a message with the contents
"send help" to this address for
instructions on how to use this
service.

letters@VOA.GOV General correspondence to the Voice
of America and Worldnet Television
from outside the United States

letters-usa@VOA.GOV General correspondence to the Voice
of America and Worldnet Television
from the United States

pubaff@VOA.GOV Public Affairs Office for the Voice
of America and Worldnet Television

qsl@VOA.GOV VOA reception (QSL) reports from
outside the United States

qsl-usa@VOA.GOV VOA reception (QSL) reports from
the United States

VOA-Info-Request@VOA.GOV Use this address to request inclusion
in an irregular mailing list of VOA
and Worldnet public announcements.

Specific VOA Programs
---

agri@VOA.GOV Agriculture Today

VOA-Europe@VOA.GOV VOAEurope Service (English)

VOA-Morning@VOA.GOV Worldwide English Morning Program

Broadcasts to Cuba
---

ocb@USIA.GOV Radio and TV Marti

VOA Internet Audio

The following electronic mail addresses are intended for users who have questions or comments regarding the audio files available on the VOA and Worldnet public server.

arabic_program@VOA.GOV Arabic

cantonese_program@VOA.GOV Cantonese

chinese_program@VOA.GOV Standard Chinese (Mandarin)

czech_program@VOA.GOV Czech

english_worldwide@VOA.GOV English worldwide program thread

french_program@VOA.GOV French-to-Africa

hindi_program@VOA.GOV Hindi

hungarian_program@VOA.GOV Hungarian

korean_program@VOA.GOV Korean

polish_program@VOA.GOV Polish

russian_program@VOA.GOV Russian

slovak_program@VOA.GOV Slovak

spanish_program@VOA.GOV Spanish

swahili_program@VOA.GOV Swahili

ukrainian_program@VOA.GOV Ukrainian

THE RADIO SPECTRUM

This is an approximate look, to help in searching frequencies on a scanner or shortwave radio. Just be aware, having the right frequency may not be enough, in tuning to a certain frequency. The time of day, atmospheric conditions, location, mode you're in (AM, SSB, Narrowband FM, Wideband FM, etc.), and your equipment, are also equally

important. You'll find most transmissions are broadcasted in Narrow-
band FM. Some main exceptions are shortwave (AM & SSB), commercial AM
radio (AM), commercial FM radio (Wideband FM), television (Wideband FM),
citizens band radio (AM & SSB), aeronautical communications (mostly AM),
and some military VHF/UHF (Wideband FM). Most all scanners will pick a
default mode for you, depending on what frequency band you are in. But
many scanners also let you manually switch between modes (AM, FM, etc.)
and frequency search spacing (5 khz, 12.5 khz, etc.) if the default modes
are not correct. Happy Listening!!!

FREQUENCY USES/SERVICES
(in Megahertz unless
otherwise indicated)
---------- ----------

10 - 150 khz Military/government, submarine
(.01 - .15 MHz) communications.

150 - 535 khz Longwave Band, beacons, foreign broadcasts,
(.15 - .535 MHz) maritime.

535 - 1700 khz Your standard AM radio dial.
(.535 - 1.7 MHz)

1.7 - 30 Shortwave/High Frequency Band. Broadcasting,
two-way government, military and commercial
communications, amateur radio, CB radio (approx.
27 MHz), others.
Shortwave - Approx. Range Meter Band
1.8 - 2.0 160*
2.3 - 2.495 120
3.2 - 3.4 90
3.5 - 4.0 80*
3.9 - 4.0 75
4.75 - 5.06 60
5.9 - 6.2 49
7.0 - 7.3 40*
7.1 - 7.35 41
9.4 - 9.9 31
10.1 - 10.15 30*
11.6 - 12.1 25
13.57 - 13.87 22
14.0 - 14.35 20*
15.1 - 15.8 19
18.068 - 18.168 17*
17.48 - 17.9 16
18.9 - 19.02 15
21.0 - 21.45 15*
21.45 - 21.75 13
24.89 - 24.99 12*
25.6 - 26.1 11
28.0 - 29.7 10*

(In general, the lower shortwave frequencies
<higher meter band> are received better during
the night, while higher frequencies are re-
ceived better during the day. There are also
some amateur radio bands between many of these
shortwave bands(*). Consult a shortwave guide
for more detailed information.)

30 - 50 Very High Frequency Band. Government, business,
walkie-talkies. Also, cordless phones and
'baby monitors' found about 46 - 49 MHz.

50 - 54 Amateur radio 6 meter band.

54 - 72 TV Channels 2-4.
Channel 2 Audio (Wideband FM) 59.75
Channel 3 Audio (Wideband FM) 65.75
Channel 4 Audio (Wideband FM) 71.75

72 - 76 Manufacturing, remote control, eavesdropping
bugs, etc.

76 - 88 TV Channels 5-6.
Channel 5 Audio (Wideband FM) 81.75
Channel 6 Audio (Wideband FM) 87.75

88 - 108 Your standard FM radio dial.

108 - 136 Aeronautical communications (AM).

136 - 138 Satellites.

138 - 144 Military communications.

144 - 148 Amateur radio 2 meter band.

148 - 150.8 Military use.

150.8 - 174 Business, highway, law enforcement, government,
weather, maritime.

174 - 216 TV Channels 7-13.
Channel 7 Audio (Wideband FM) 179.75
Channel 8 Audio (Wideband FM) 185.75
Channel 9 Audio (Wideband FM) 191.75
Channel 10 Audio (Wideband FM) 197.75
Channel 11 Audio (Wideband FM) 203.75
Channel 12 Audio (Wideband FM) 209.75
Channel 13 Audio (Wideband FM) 215.75

216 - 220 Maritime and aeronautical.

220 - 222 Land mobile communications.

222 - 225 Amateur radio.

225 - 400 Military aviation and space.

400 - 406 Military and government.

406 - 420 U.S. Government.

420 - 450 Amateur radio.

450 - 470 Ultra High Frequency Band. Business, industry, military, fire, government.

470 - 512 TV Channels 14-20, shared with law enforcement.

512 - 824 TV Channels 21-69.

824 - 849 Cellular telephones (receivers/handsets).

849 - 851 Aeronautical telephones (ground-based towers).

851 - 866 Business, public safety, trunked systems.

866 - 869 Public safety, law enforcement, trunked systems.

869 - 894 Cellular telephones (towers).
Note: Even though listening to cellular telephone calls is technically illegal in the United States, one will usually do better listening to calls on the tower frequencies, as opposed to the handset frequencies. This is because most cellular phones transmit less than one-watt of output. So unless the cellular phone is very close to you, you will have much more luck scanning the more powerful towers, which transmit/receive for each cell site.

894 - 896 Aeronautical telephones (handsets).
Note: In scanning airplane telephones, you will usually do better listening to the handset frequencies, instead of the tower frequencies, unless you are very near a ground transmitter. But, in any event, call traffic heard on handset frequencies (which are transmitted from a high-powered transmitter on the aircraft) you may hear nothing at all, or many conversations, de-pending on your location and time of day.

896 - 901 Private land mobil units.

902 - 928 Land mobile, amateur radio, personal communi-cation units, cordless telephones.

928 - 932 Radio paging.

935 - 940 Business radio.

941 - 944 Government and non-government fixed services.

944 - 952 Broadcasters' studio-to-transmitter links.

952 - 960 Private fixed services, paging.

960 - 1240 Aeronautical navigation.

1240 - 1300 Amateur radio.

1300 - 1350 Aeronautical navigation.

1350 - 1400 Radio location.

1400 - 1427 Radio astronomy.

1427 - 1429 Point-to-point, mobile, space.

1429 - 1660.5 Various satellite transmission uses.

1660.5 - 1668.4 Radio astronomy.

1668.4 - 1700 Meteorological aids.

1700 - 1850 Meteorological satellites, U.S. Government.

1850 - 1990 Fixed point-to-point, microwave.

1990 - 2110 Broadcast studio-to-transmitter links.

(end)

5991. Re: Christmas Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-11-26 19:33:04 UTC
From: linley@netcom.com
Message-ID: <linleyCzw3n5.C9L@netcom.com>
Source record: 265102

In ye olden post shawn4sk1@aol.com (Shawn4sk1) spake...
>Everybody's going "What?! Christmas Freqs?!" but that's what I'm really
>going to ask about.

Not so weird. I once remember a Santa Claus at the Glendale Galleria that
had a motorola HT clipped on his belt. I wonder who he's talking to? Elves?

--
Reality..... Bruce James Robert Linley
Internet..... linley@netcom.com (linley1@aol.com if you must)
Postal..... 3675 S. Rainbow Blvd. #107, Las Vegas, NV 89103
Amateur Radio..... KE6EQZ (-.- . -.... . --.- --..)

5992. Re: SSB scanners decrypt? was(Re: Frequency inversion and other encryption)

Newsgroup: rec.radio.scanner
Date: 1994-11-26 20:16:02 UTC
From: n9315@pnet16.navy.mil
Message-ID: <Czw5Mq.3MC@nctams1.uucp>
Source record: 265124

Well, I suppose tuning off freq might work, but I don't think it'll work as nicely as you'd like. The easiest way to do this, if you wanted for educational purposes, would be to build one of the phone scramblers that Electronics Now (formerly Radio Electronics) has published in the last few years. Then, only use one half of it.

****
*Unless otherwise stated, expressed view are my own. They may not be the *
opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.
* *
*Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded) *
*ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil *
****

5993. Re: Radio Shack Service Center

Newsgroup: rec.radio.scanner
Date: 1994-11-26 20:16:04 UTC
From: n9315@pnet16.navy.mil
Message-ID: <Czw5Ms.3n3@nctams1.uucp>
Source record: 265125

You should be able to stop into and RS and order the service manuals for their equipment. I once ordered a manual for a scanner that was about 10 years old with no problem.

RS generally has two levels of service center, regional and national, but the manuals come from the Consumer Mail (the special order section).

****
*Unless otherwise stated, expressed view are my own. They may not be the *
opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.
* *
*Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded) *
*ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil *
****

5994. Re: Secret service freq, president

Newsgroup: rec.radio.scanner
Date: 1994-11-26 20:48:28 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <h00W9G8.donhayes@delphi.com>
Source record: 265103

Whenever Clinton comes to New York city...don't forget to monitor the citywide police channels for activity. They are normally scanning rooftops for snipers and coordinating the opening and closing of streets as his motorcade proceeds thru town. Also I monitor the Coast Guard East River channel for any special notice to mariners that they give if the river access is restricted. Good Luck...It's always interesting to hear!!!

5995. Re: Cobb County, GA Fire Dept freq?

Newsgroup: rec.radio.scanner
Date: 1994-11-26 21:42:57 UTC
From: Vic <vhealey@crl.com>
Message-ID: <3b8a51$cdf@nntp.crl.com>
Source record: 265104

I noticed this also. I really like the trunking system now.
Every important function is there and easy to hear, especailly
at night when the bus's and the water dept are not operational.

Now I can follow all the neat stuff at a difficult fire were as
before I could not hear that darn low power fireground unless I was
a few miles from the fire.

This morning I heard not only some drunk that shot himself in the arm
but a vehicle ran of the interstate just ahead of where I was
driving about 5:30am. It is really neat not to only hear the
police dispatch but the ambulances fire/rescue medical examiner etc
all being called out in a three minute period. If you miss one deatail
on one transmission it generaly is repeated or enhanced on another.

I like the trunking system now, except for those darn phone calls!
Some really stupid conversations there and the scanner locks on the ferquency until
they drop the line.

Vic ki4je

ccopreb@phantom.oit.gatech.edu (Earl Barfield) wrote:
>
> In <3b3fdb$ehg@ixnews1.ix.netcom.com> JDE1@ix.netcom.com (Jerry Ennis) writes:
>
> >The Cobb County, Georgia, Fire Dept dispatch frequency appears to have
> >changed from 46.420 MHz.
>
> They are on the same 800Mhz trunk with the Cobb Co. police department.
> I don't have the frequencies here with me.... e-mail me if you don't
> already have them.
> --
> Earl Barfield -- Operations Department / Information Technology
> Georgia Institute of Technology, Atlanta Georgia, 30332
> Internet: Earl.Barfield@oit.gatech.edu ccopreb@prism.gatech.edu
> earl@fantasy.gatech.edu ccopreb@oit.gatech.edu

5996. Re: RS PRO Scanners

Newsgroup: rec.radio.scanner
Date: 1994-11-26 21:49:58 UTC
From: swilkins@isle.waterloo-rdp.on.ca
Message-ID: <1994Nov26.214958.3939@isle.waterloo-rdp.on.ca>
Source record: 265130

Canada's got more Radio Shacks than we need.

Scott

5997. BC 855 XLT Mod Wanted

Newsgroup: rec.radio.scanner
Date: 1994-11-26 21:50:30 UTC
From: nrgabe@aol.com
Message-ID: <3b8aj6$qv8@newsbf01.news.aol.com>
Source record: 265105

Where can I find info on unblocking the cell frequencies on the
855 xlt? I also have a BC 100 xlt. Can any mods be done to it?

Thanks in advance,

Nick

5998. [booklet] authors wanted!

Newsgroup: rec.radio.scanner
Date: 1994-11-26 22:15:21 UTC
From: fd@wwa.com
Message-ID: <3b8c1p$23v@sashimi.wwa.com>
Source record: 265106
Cross-posted to: alt.2600,rec.radio.scanner,alt.privacy,comp.org.eff.talk,misc.writing

We're looking to expand the selection of booklets in our catalog. If you have something to say... something people want to hear... and would like it published in booklet form (40-60 pages, saddle stiched, with a two-color cover), and the topic is in the area of privacy, surveillance, computer security, technology, hacking, or government...

Email me an outline. There is absolutely no cost to you, and you'd be paid a percentage of each sale. We'd prefer that your original be in plain ascii (emailable).

Questions, comments, submissions... fd@wwa.com

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@sashimi.wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback? With name?
email for uuencoded .TIF of T-Shirt Honoring the FBI
Remember, fd _IS FOR_ Full Disclosure!

5999. C-5's bringing plutonium to Tenn/any incepts?

Newsgroup: rec.radio.scanner
Date: 1994-11-26 22:45:04 UTC
From: KDAHLQUIST@news.delphi.com
Message-ID: <3b8dpg$l98@news2.delphi.com>
Source record: 265107

I was wondering if any monitors intercepted the C-5 transport planes bringing the high-grade weapons materials from the former Soviet Union. The KNBC Channel 4 news made the operation sound like it was right out of a Clancy novel. (Of course, KNBC has made the most mistakes in its OJ trial coverage also) The footage played during the "news-reading" didn't jibe with the supposed immediate "terrorist" conncections.

Karl Dahlquist
kdahlquist@delphi.com

PS Looks like Bosnia is hitting the fan again.

6000. Radio clip-art???

Newsgroup: rec.radio.scanner
Date: 1994-11-26 23:00:48 UTC
From: rbellville@aol.com
Message-ID: <3b8en0$rrd@newsbf01.news.aol.com>
Source record: 265108

Anyone know of a source for radio related clip-art???

Thanks,
- Rob, N1NTE

6001. Re: Do police use DIGITAL TRANSMISSIONS?

Newsgroup: rec.radio.scanner
Date: 1994-11-26 23:44:50 UTC
From: u9340203@wraith.cs.uow.edu.au
Message-ID: <3b8h9i$602@wraith.cs.uow.edu.au>
Source record: 265110

matthew@hal9000.apana.org.au (Matthew Volkmer) writes:

>Can anyone tell me if their local police department use digital
>transmissions at all? (Cannot be understood on scanner!)

>I am just wondering if digital is used much throughout the world.

Although a lot of public saftey organisations are "Digital Capable", they
are waiting for the APCO25 standard to to be ratified.

APCO is the Association of Police Communications Officers. 25 is for project
25. Project 25 is all about defining a standarrd for digital trunked radio.
Once defined this will allow you to use a GE AOCO25 trunked radio on a
Motorola system. (What has the world come to !!!!!!)

The base stations are in place already, as the APCO25 standard has no bearing
on their operation. The base stations simply reclock and retransmitt the data
Once the standard has been defined you will no doubt see a very rapid
changeover to digital communications. This will provide an immediate security
benefit to all users (Although this may only be short lived until the
invention of the digital scanner!).

Once digital is established, it provides very easy access to encryption,
whether it be DES or even PGP style.

Enjoy what you have while you can because it is looking very bleak on
the horizon for scanner enthusiasts.

Rick

6002. Re: pro 2026 mods

Newsgroup: rec.radio.scanner
Date: 1994-11-26 23:52:24 UTC
From: blunt@pipeline.com
Message-ID: <3b8hno$q39@pipe2.pipeline.com>
Source record: 265109

From: steuer@clam.rutgers.edu (robert Steuer)
Newsgroups: alt.radio.scanner
Subject: PRO-2026 MODS!!!
Message-ID: <Oct.20.10.55.49.1992.11077@clam.rutgers.edu>
Date: 20 Oct 92 14:55:50 GMT
Organization: Rutgers Univ., New Brunswick, N.J.
Lines: 29

Hi all, just got these mods, hot off the FAX!

Note: It is not lawful to monitor cellular or conventional
mobile telephone conversations.

The 2026 has cellular frequencies deleted at the factory, but
restoration is the easiest ever! - clip one marked wire! All
you need is a Philips screwdriver and wire cutters.

1. Turn the scanner upside-down and remove the four side screws
holding the bottom cover in place; pull the cover loose and set
it back about two inches out of the way.

2. Locate the small circuit board at the lower right-hand
corner and find jumper L201. Cut it and slightly separate the
break.

3. Reassemble the radio which now has continuous 806-956 MHz
coverage and 30KHz search increments in the cellular band.

*** I have not tried the above mod, but did acquire it from a
commercial radio dealer who is very respectable, so as always,
proceed at your own risk and realize that this will violate
your warranty!

Robert Steuer
steuer@clam.rutgers.edu
Rutgers University
Amateur Radio:KF2EK@N3FOA.#EPA.PA.USA.NA

Re:Posted by

blunt@pipeline.com

6003. Best scanner for 800/900 MHz, what is?

Newsgroup: rec.radio.scanner
Date: 1994-11-27 00:44:26 UTC
From: rosidivi@rintintin.Colorado.EDU
Message-ID: <rosidivi.785897066@rintintin.Colorado.EDU>
Source record: 265111

I'm looking to buy a scanner for a X-mas gift and would
like to know which ones still have unrestricted coverage
and a good value as equipment.
Thanks.

6004. Re: Q: Good antenna for airplane use

Newsgroup: rec.radio.scanner
Date: 1994-11-27 01:20:11 UTC
From: NHBT64A@prodigy.com
Message-ID: <3b8msb$1dfe@usenetp1.news.prodigy.com>
Source record: 265112

Actually, you can get the RF out of the plane. They did it in the first SAREX (SPACE Shuttle experiment). They used a 2 meter handi talkie and an antenna that was etched on a printed circuit board. The antenna looked like a spiral....I have tried to find info on this antenna but no joy to date.

6005. Re: Marine Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-27 01:23:58 UTC
From: NHBT64A@prodigy.com
Message-ID: <3b8n3e$4pf0@usenetp1.news.prodigy.com>
Source record: 265113

There are 55 US channels numbered as you wrote.

Some are simplex, others are duplex....therefore there is a gap.
Also, there are some channels for Coast Guard use exclusively. Hope
this
helps.

6006. Re: HAM Radio Forsale!

Newsgroup: rec.radio.scanner
Date: 1994-11-27 01:36:54 UTC
From: jls@capedata.iii.net
Message-ID: <3b8ns9$ke8@nic.iii.net>
Source record: 265117
Cross-posted to: rec.radio.scanner,misc.forsale,alt.radio.scanner

Give the guy a break... Yeasu...

Jeffery Stutzman
Packet: N1LUY@KQ1K.MA.USA.NOAM Buzzards Bay, Ma.
MANU TENERE MARE SUPREMUS

6007. Re: C-5's bringing plutonium to Tenn/any incepts?

Newsgroup: rec.radio.scanner
Date: 1994-11-27 01:41:26 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.941126173710.11423B-100000@holmes.ece.orst.edu>
Source record: 265115

On 26 Nov 1994 KDAHLQUIST@news.delphi.com wrote:

> I was wondering if any monitors intercepted the C-5 transport
> planes bringing the high-grade weapons materials from the former
> Soviet Union. The KNBC Channel 4 news made the operation sound
> like it was right out of a Clancy novel. (Of course, KNBC has made
> the most mistakes in its OJ trial coverage also) The footage
> played during the "news-reading" didn't jibe with the supposed
> immediate "terrorist" conncections.

No intercepts but it did make me laugh. They kept referring to the shipments as "Top Secret shipments from Kazakhstan arrived today" UHHHHH, Wait a minute. If these are "Top Secret" How come everyone knows about them?? "Top Secret" makes the TV news crews think they've reported something really hush hush and they're just so damn smart that they've "uncovered the truth" Next week on Geraldo: Top Secret crewmembers spill their guts.

6008. COMPUTER HOOK UP FOR A PRO-46?

Newsgroup: rec.radio.scanner
Date: 1994-11-27 01:59:16 UTC
From: Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
Message-ID: <785926840.AA02815@jina.rain.com>
Source record: 265135

Hi, does anyone know of a computer hook up (hardware and software) for
The Realistic Pro-46 scanner? Any help would be appreciated.

Thanx,
Josh

****
Joshua Jeffery 1:105/40.79 FIDO Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
FIDO/INTERNET Dwight@Industrial.com Jefferyj@Glencoe.hillsborouh.k12.or.us
* USENET Explorer, Wash. Co. Sheriff's Office *
****

... Choosy perverts choose .GIF!

6009. BEARCAT 210 -- reversed power polarity

Newsgroup: rec.radio.scanner
Date: 1994-11-27 02:06:56 UTC
From: tpenner@abq-ros.com
Message-ID: <05696DOSQQCHHTOIEAE@abq-ros.com>
Source record: 265123

My brother wants me to repair his BEARCAT 210 scanner. He applied +12VDC with the polarity reversed and without any in-line fuse. I checked the power supply and it seems OK...I measure about 18 VCD across the main power supply cap and about 4.1 volts across some CMOS 4011 ICs on the PCBoard. However, I get no display and no indication that the unit is alive.

Has anyone run into this problem with this scanner and perhaps has a ready solution? Alternatively, does anyone have spare parts for this older scanner ... or maybe even a PC board for it (there's only one PC board in this scanner) ?? All replies appreciated.

TPenner @ ABQ-ROS.COM

--
The Albuquerque ROS - (505) 296-3000

6010. Freqs. Mystic, Ct???

Newsgroup: rec.radio.scanner
Date: 1994-11-27 02:08:44 UTC
From: kurtg <72410.2332@CompuServe.COM>
Message-ID: <3b8pnc$1tl$1@mhadf.production.compuserve.com>
Source record: 265116

Anyone with the Groton, Noank, Mystic, Ct. Police, Fire, or ham radio
Freqs. Please forward over to me at;
72410.2332@compuserve.com
tnx much and happy scanning.

kurtg

6011. Re: ACE no AOR was (Re: AOR 8000....can I get one in the US?)

Newsgroup: rec.radio.scanner
Date: 1994-11-27 02:42:38 UTC
From: socrates@io.org
Message-ID: <3b8rmu$fsi@ionews.io.org>
Source record: 265118

In article <3b2c8p$jnd@panix3.panix.com>,
Michael Schuster <schuster@panix.com> wrote:
>In article <3b2482$g6a@nntp.crl.com>, Vic <vhealey@crl.com> wrote:
>
>They do sell radios with the Trident brand name, many of which come from
>the same factory (Nissei Electronics of Japan) as certain AOR models.
>There are also similar radios with the brand names Camnis, Fairmate, etc.
>etc.
>
Hi, I just picked up on this thread. I also noticed the new "trident"
scanners advertized in Popular Comm. My wonder is... how good can the
trident TR4500 be if it can cover 1 to 1300 Mhz for only 469 $ (USD)
when many scanners who cover less usually cost a lot more. Is the TR4500
good quality? is the coverage continuous? And has anyone used it for
radio-astronomy?

Marc Cormier

socrates@io.org
--
"Nous fumes ausdictes yles sainct Pierre, ou trouvasmes plusieurs navires,
tant de France que de Bretaigne, depuis le jour sainct Barnabe, XIe de juing,
jusques au XVIe jour dudict moys, que appareillasmes desdictes ysles sainct
Pierre et vynmes au cap de Raze.... " J. Cartier 1535

6012. Re: HAM Radio Forsale!

Newsgroup: rec.radio.scanner
Date: 1994-11-27 03:08:26 UTC
From: price@jove.acs.unt.edu
Message-ID: <3b8t7a$l4@hermes.unt.edu>
Source record: 265120
Cross-posted to: rec.radio.scanner,misc.forsale,alt.radio.scanner

> : : There is no such ham radio as a WAYSU.
> :
> : This demands clarification. Please note this has been a post for a friend.
> : This was the info given to me. I'm sure there is a unit brand name at least
> : 'close' to what is listed.

> Yep, it is Yaesu. Your friend gets 60% on his letter by letter spelling
> test. He failed.

I think some of you people need to relax a bit and stop being so
goddamned picky about things.

6013. Hello....any teens out there,be a PENPAL.

Newsgroup: rec.radio.scanner
Date: 1994-11-27 03:26:13 UTC
From: bupperma@freenet.columbus.oh.us
Message-ID: <3b8u8l$oun@acme.freenet.columbus.oh.us>
Source record: 265119

```
--
Forshortening your world view
may provide a better perspective.
Cheat on awareness, not responsibilities.
```

6014. Re: Freqs for Bay Area

Newsgroup: rec.radio.scanner
Date: 1994-11-27 03:50:10 UTC
From: joewo@aol.com
Message-ID: <3b8vli$2cb@newsbf01.news.aol.com>
Source record: 265122

In article <36iufd$bp0@lard.ftp.com>, msattler@jungle.com (Michael Sattler, San Francisco) writes:

hi i saw your listing that you were putting some freqs on the net soon....have you done that yet?? happy trails...dont teach that pig to sing....:) JoeWo@aol.com

6015. Re: Whar are these frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-11-27 03:57:45 UTC
From: martyf@panix.com
Message-ID: <3b903p$a4c@panix2.panix.com>
Source record: 265121

Al Martinez (drjose@maestro.maestro.com) wrote:

: While reading my scanner manual (BC2500XLT) on the back of it they had
: all the frequencies that are covered. They're are three groups of
: frequencies that I can't get:

: 1. 550 MHz - 759.995 MHz
: 2. 824 MHz - 849.012 MHz
: 3. 867 MHz - 894.012 MHz

: My questions are: What are these frequencies and how could I be able to
: get them?
Item 2 & 3 are cellular phones
item # 1 is in the range of UHF TV. Not much to listen to.

I don't know where mod files for the 2500 XLT are.
Try http://dice.dac.neu.edu/Homepages/paul with a web browser, it may be
there.

mf
--
--
Marty Focazio
martyf@panix.com
"Challenger, go at throttle up..."

6016. AR8000 by COMSEC

Newsgroup: rec.radio.scanner
Date: 1994-11-27 05:45:11 UTC
From: stanlui@netcom.com
Message-ID: <stanluiCzwvzB.AF9@netcom.com>
Source record: 265126

Has anyone dealt with COMSEC ASSOC? They sell the 8000 for 589 dollars.
An exceptionally low price compared with EEB and GROVE?
I dont mind the 'crippled' US version as I dont have much interest in the
"business band" as its called. 20 banks of 50 and a scan rate at 30 cps
is acceptable for me compared to 20cps with my AOR 1500.

6017. Wanted Air Phone Freq's

Newsgroup: rec.radio.scanner
Date: 1994-11-27 06:20:18 UTC
From: bigjimspcs@aol.com
Message-ID: <3b98f2$4gn@newsbf01.news.aol.com>
Source record: 265127

Just in case it is not legal, will someone tell me where not to tune my scanner, and what type of modulation method I should avoid.

I have used the old seat back Airphone on many of airplane, but always wondered if my conversation was being easily intercepted by fellow scanner listeners.

I would appreciate any info.

Please E-mail BigJimsPcs@aol.com

Thanks

6018. WANTED: Mods for the Pro-2025 (Realistic)

Newsgroup: rec.radio.scanner
Date: 1994-11-27 07:16:20 UTC
From: medic@connix.com
Message-ID: <3b9bo4$phl@comet.connix.com>
Source record: 265128
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

Does anyone know of any mods for the PRO-2025 scanner?? I was hoping for
a cellular-type mod or something...thanks!

--
=-=-=-

6019. Re: Wanted Air Phone Freq's

Newsgroup: rec.radio.scanner
Date: 1994-11-27 09:34:11 UTC
From: mulligan@ACM.ORG
Message-ID: <3b9jqj$d4m@hopper.acm.org>
Source record: 265129

From the FAF - Frequently Asked Frequencies file on oak.oakland.edu:

Air to Ground Telephone

Ch Ground Airborne

1 454.950 459.950
2 454.900 459.900
3 454.850 459.850
4 454.800 459.800
5 454.750 459.750
6 454.700 459.700
7 454.725 459.725
8 454.775 459.775
9 454.825 459.825
10 454.875 459.875
11 454.925 459.925
12 454.975 459.975
Signaling 454.675 (459.675)

Transmissions are FM. Ground stations repeat the airborne half
of the converstion, and transmit a continuous tone when idle. From
one to three channels are assigned in a particular area.
Service is used on private aircraft.

---

800 MHz Air to Ground Telephone

- - Airborne - -
Blk Ch 1 - Ch 29

10 894.0055 - 894.1735
9 894.2055 - 894.3735
8 894.4055 - 894.5735 Guard Band -
7 894.6055 - 894.7735 .x765-.x797
6 894.8055 - 894.9735
5 895.0055 - 895.1735 Control Channels -
4 895.2055 - 895.3735 .x813-.x973
3 895.4055 - 895.5735
2 895.6055 - 895.7735
1 895.8055 - 895.9735

Transmissions are AM. Channels are spaced 6 kHz apart. A
specific block of 29 channels is assigned to each geographical
area. Ground frequencies are 45 MHz lower and do not echo the
airborne half of the conversation.

Service is used on passenger airlines.

6020. Re: HAM Radio Forsale!

Newsgroup: rec.radio.scanner
Date: 1994-11-27 11:00:35 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Nov27.110035.23437@hpcvaac.cv.hp.com>
Source record: 265131
Cross-posted to: rec.radio.scanner,misc.forsale,alt.radio.scanner

price@jove.acs.unt.edu (Price Charles) writes:
: > : : There is no such ham radio as a WAYSU.
: > :
: > : This demands clarification. Please note this has been a post for a friend.
: > : This was the info given to me. I'm sure there is a unit brand name at least
: > : 'close' to what is listed.
:
: > Yep, it is Yaesu. Your friend gets 60% on his letter by letter spelling
: > test. He failed.
:
: I think some of you people need to relax a bit and stop being so
: goddamned picky about things.

So I am not allowed to poke fun at a person who is selling an expensive
radio, but apparently cannot even spell the name correctly?

You are taking things far too seriously.

Bill

6021. Re: HAM Radio Forsale! Blah blah

Newsgroup: rec.radio.scanner
Date: 1994-11-27 12:18:52 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3bae36$brs@newshost.lanl.gov>
Source record: 265140
Cross-posted to: rec.radio.scanner,alt.radio.scanner,

In article <1994Nov27.110035
> : I think some of you people need to relax a bit and stop being so
> : goddamned picky about things.
> So I am not allowed to poke fun at a person who is selling an
expensive
> radio, but apparently cannot even spell the name correctly?
>
> You are taking things far too seriously.
>
> Bill

Bill,

As I recently discovered you are not allowed to poke fun in this group. Folks who spend most of their energy worrying about what private conversations they might no longer be able to listen to don't have time for such nonsense. It is far more important to hone ones 'guardhouse lawyer' skills while profiteering during the ensuing panic. It's really too bad Freud didn't live to see these newsgroups. Flame if you like but thinking is also allowed.

6022. Ham radio, scanners, swl

Newsgroup: rec.radio.scanner
Date: 1994-11-27 13:06:00 UTC
From: karl.moser@woodybbs.com
Message-ID: <93.1325.7592.0NFB6769@woodybbs.com>
Source record: 265163

@SUBJECT:Ham Radio, Scanners, SWL Mods Disk N
****** ALL NEW *******

Get Yours Today !!! A must for all Ham Radio Operators, SWL, or
electronic hobbiest !!

KE3NF's Radio Mod Collection. !!

Karl Has collected over 1400 files entries for the modification of
hundreds of Ham Radio's , Scanners, Short Wave Listeners, TNC'.
That is OVER 4 1/2 MEGS of Text Mods!!!! (Unzipped)

Now he is making them advailable to you!! Here's how to order:

Send 2 Formatted 1.44 3 1/2" Floppies, $10.95, And a SASE
Or
Send $14.95 and an SASE

To:
Karl Moser (KE3NF)
1015A Cayer Dr.
Glen Burnie, Md 21061

and if you act now, I will include a copy of the new collection of
Scanner and Ham Band Freqs.
So Order today, we gaurantee same day shipping!!

73's de Karl KE3NF

--- PCB15.1/2-GEcho 1.02
* Origin: BORDERTECH BBS, HAMPSTEAD,MD *USA* 410.239.4247 (1:261/1355)

6023. Re: AR8000 by COMSEC

Newsgroup: rec.radio.scanner
Date: 1994-11-27 13:15:33 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3ba0pl$3va@nntp.crl.com>
Source record: 265132

stanlui@netcom.com (Stan lui) wrote:
>
> Has anyone dealt with COMSEC ASSOC? They sell the 8000 for 589 dollars.
> An exceptionally low price compared with EEB and GROVE?
> I dont mind the 'crippled' US version as I dont have much interest in the
> "business band" as its called. 20 banks of 50 and a scan rate at 30 cps
> is acceptable for me compared to 20cps with my AOR 1500.

How crippled is that? I have a piece of literature describing the ar8000
as scanning /searching up to 50 incrementts per second.

The price is $649 from Tucker Electtronics.
1-800-527-4642

What is the number for COMSEC ASSOC?

Has anyone looked at one of these inside? Did they cut out the
rs232 interface or did they just reprogram it for the USA?

Vic Healey ki4je

6024. Re: AR8000 by COMSEC

Newsgroup: rec.radio.scanner
Date: 1994-11-27 13:20:07 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3ba127$9e7$1@mhadf.production.compuserve.com>
Source record: 265133

Lentini Communications also sells it for $589. They're at 800-666-0908.

-Jeff, CIS HamNet

6025. Re: looking for author of scanner mod handbo

Newsgroup: rec.radio.scanner
Date: 1994-11-27 13:22:00 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3ba15o$9e7$2@mhadf.production.compuserve.com>
Source record: 265134

Bill Cheek is also on CompuServe HamNet Forum.

-Jeff

6026. Re: Looking for Mr. Frequency

Newsgroup: rec.radio.scanner
Date: 1994-11-27 14:45:00 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CzxKz0.n3D@nntpa.cb.att.com>
Source record: 265137
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3b7tuu$h4p@vixen.cso.uiuc.edu>,
Frank P. Orlowicz <fporlowi@prairienet.org> wrote:

>I am looking for the frequency for the security force at the Joliet
>Junior College in Joliet IL. I have looked in all the normal scanner
>listings with no luck....
> Frank

The last time I heard them, they were on these frequencies:

joliet junior college, id="jjc"
[joliet]___________ 151.6550_____ksl787 (B Parnass)
joliet junior college, security, id="jjc"
[joliet]___________ 151.9250_____ksl787 (B Parnass)
--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6027. Re: CTCSS BS in Tucker Catalog!

Newsgroup: rec.radio.scanner
Date: 1994-11-27 15:20:06 UTC
From: djvelez@aol.com
Message-ID: <3ba836$9ch@newsbf01.news.aol.com>
Source record: 265138

In article <kevin.jessup.114.00E3AA13@mail.mei.com>,
kevin.jessup@mail.mei.com (Kevin Jessup) writes:

>Just arrived in the mail: Catalog 1094C from Tucker Electronics.

>Check out page 22 where they attempt to get the unsuspecting
>monitoring enthusiast to buy the OPTOELECTRONICS DC440
>CTCSS/DTMF decoder ($259.00) ...

> "Continuous Tone Coded Squelch System or CTCSS as it's
> commonly known is being used by more and more non-trunked
> VHF/UHF two way radios and public service agencies. What
> CTCSS is, is a sub-audible tone that is encoded in a radio
> signal."

>Ok. Nothing really wrong with that. Read on...

> "In order to hear the transmission your scanner or receiver
> HAS TO HAVE this tone frequency programmed in. This is
> why you can program many police frequencies from your
> scanner directory but still hear only silence."

>Do you believe this SHIT!?

>I'm sure that the DC440 is a fine product but to use the
>BLATANT LIES above to get the unsuspecting scanner owner
>to purchase one is false advertising at it's worst!!

The ad was obviously written by the guy who used Cliff Notes in school.

Dan

6028. North Carolina Freqs

Newsgroup: rec.radio.scanner
Date: 1994-11-27 16:49:09 UTC
From: cr933@cleveland.Freenet.Edu
Message-ID: <3bada5$lte@usenet.INS.CWRU.Edu>
Source record: 265139

Anyone who has freqs for the Rutherford County Area of North Carolina, more specifically in the city of Caroline, please send them to me at cr933@Cleveland.freenet.edu or at michael.noll@flipflop.org

Thanks.

Mike
--
Michael Noll - cr933@cleveland.freenet.edu

6029. Re: PRO-2035

Newsgroup: rec.radio.scanner
Date: 1994-11-27 17:45:08 UTC
From: tomswisher@aol.com
Message-ID: <3bagj4$aqt@newsbf01.news.aol.com>
Source record: 265141

In article <3b03td$ebr@post.its.mcw.edu>, mmjjmm@post.its.mcw.edu (Michael Malloy) writes:

>Has anyone had experience with the new PRO-2035?

I have a reveiw model right now. So far I really like it. If you can still get a PRO-2006 and would like to someday use the OptoScan 256 board, get a 2006; it remains to be seen if the '256 board will work with the 2035 or will require major madification.

Tom Swisher

6030. FTP site for Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1994-11-27 18:30:31 UTC
From: medic@connix.com
Message-ID: <3baj87$2fc@comet.connix.com>
Source record: 265142
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

Does anyone know the address of the FTP site with all the scanner mods??

--
=-=-=-

6031. Re: BC100XLT...modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-11-27 19:42:31 UTC
From: schuster@panix.com
Message-ID: <3banf7$ble@panix3.panix.com>
Source record: 265144

In article <3b7mi7$l19@lucy.infi.net>,
S. Timothy Roebuck <roebuck@infi.net> wrote:
>I just got a BC100XLT. It only reaches 512 MHz. I heard they aren't
>modifiable. True or not? I would like to get at least 800 MHz.

The 100XLT does not have the RF circuitry necessary to TUNE 800 MHz.

>What are my options?

Buy another scanner, or buy a GRE downconverter like the ones Grove is
selling.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6032. Re: HAM Radio Forsale! Blah blah

Newsgroup: rec.radio.scanner
Date: 1994-11-27 20:28:06 UTC
From: price@jove.acs.unt.edu
Message-ID: <3baq4m$lfb@hermes.unt.edu>
Source record: 265147
Cross-posted to: rec.radio.scanner,alt.radio.scanner,

Gerald Schmitt (ggs@aerie.lanl.gov) wrote:

> > So I am not allowed to poke fun at a person who is selling an
> expensive
> > radio, but apparently cannot even spell the name correctly?

Poking fun is one thing, but your post didnt look humorous to me. I saw
no "grin" or ":)" or anything or even any phrase that was remotely
funny. I just saw a person so bored he had to flame a guy for
misspelling a word, instead of simply correcting him.

==
Aaron Price | University of North Texas
http://www-lan.unt.edu/cc1/home/price/www/ | "If I only had a brain."
Dallas Stars page: http://www-lan.unt.edu/cc1/home/price/www/stars.htm
==

6033. Re: BLEAK FUTURE FOR SCAN

Newsgroup: rec.radio.scanner
Date: 1994-11-27 21:05:18 UTC
From: tjarey@aol.com
Message-ID: <3basae$d81@newsbf01.news.aol.com>
Source record: 265145

In article <3b4fgu$4mh@newsbf01.news.aol.com>, rotnapple@aol.com (RotnApple) writes:

In a way you have overruled this message title "Bleak Future For Scanning"
For every lock there is a key and there will always be talented hobbyists who will figure it out. Its been that way since Marconi was a pup.
73 de SKIP WB2GHA

6034. Carnival Ship Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-27 21:16:01 UTC
From: jmichael@uoguelph.ca
Message-ID: <3basuh$e8e@nermal.cs.uoguelph.ca>
Source record: 265146

Hi all.

I will be going on a cruise with Carnival at the end of December. The ship's name that I will be on is "Sensation" I was wondering if anyone knew of any frequencies that Carnival uses on their ships? A list or an ftp/gopher/www site where I might find this information would be much appreciated.

Thanks,

Jesse

--
==========
Jesse Michaels at = Canada....The TRUE North Strong and Free!
The University of Guelph, = "Neither Capitalism nor Socialism can
Guelph, Ontario, Canada = pretend to be an ideology. They are merely
jmichael@uoguelph.ca = methods for dividing ownership and income."
= John Ralston Saul in "Voltaire's Bastards"
= Western...isn't that an omelette?
==========

6035. Re: Modem to Scanner - help!

Newsgroup: rec.radio.scanner
Date: 1994-11-27 21:40:35 UTC
From: komkit@clark.net
Message-ID: <3baucj$jvs@clarknet.clark.net>
Source record: 265148

Sean Flynn (sflynn@freenet.vancouver.bc.ca) wrote:
: Marty Focazio (martyf@panix.com) wrote:
: : Jeffrey Starin (starin@netcom.com) wrote:
: : : Before I go ahead and blow up my modem through experimentation, I thought
: : : I'd ask the gurus in this group if they know how to connect a radio tape
: : : out plug to the input of a modem. Any ideas?

: the scanner. I tried both of them (one for 2400 or slower and
: one for 9600 - I have a 14.4) with no success. The modem speaker
: was evidence that my set-up was working, though. I'll have to
: experiment some more. If anyone has any ideas, I'd appreciate
: them. If anyone wants some more help or is confused by something
: I said in here, write me - I'll try my best to help.

U'm Hi guys,

I'm lost here, I don't understand anything you guys wrote about how to
hook up modem and scanner to computer... I don't see the picture how it's
work and how it can be done. What type of the modem and scanner do I need
to hook up to the computer? Reg. modem + Reg. Scanner (I've got pro-43)???

Please I am new here (really), can you guys tell me more about it? I
mean what can I get after I hook up scanner to modem and computer or
something like faster scanning or whatever made the different from just
the scanner alone..

6036. CHP plane frequency?

Newsgroup: rec.radio.scanner
Date: 1994-11-27 21:58:57 UTC
From: Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
Message-ID: <786013250.AA02853@jina.rain.com>
Source record: 265172

On (25 Nov 94) Bill Starkgraf wrote to All...

BS> From: wps@ElSegundoCA.NCR.COM (Bill Starkgraf)
BS> Newsgroups: rec.radio.scanner
BS> Organization: AT&T GLOBAL INFORMATION SOLUTIONS
BS> Reply-To: wps@ElSegundoCA.NCR.COM

BS> In article 9tv@crl6.crl.com, mhalver@crl.com (Mark Halverson) writes:
-->In Sonoma County and in some parts of the state their are using 154.9200

-->the CLEMARS freq for VHF, this is also their simplex re-broadcast freq.
-->used to tx from the patrol car to their hand held radios.
-->
-->73s
-->Mark KC6RLB
-->

BS> I have the CHP car extender as 154.905

Well, I have CLEMARS here as 484.2375

Ok, here are some CHP FREQS FOR YOU

Vehicle repeater is also 154.9050

Okay, here are some Patrol and Office Freq's:
39.52
42.08
42.12
42.16
42.18
42.20
42.24
42.28
42.34
42.36
42.40
42.42
42.44
42.46
42.48
42.50
42.52
42.54
42.56
42.60
42.62

42.64
42.70
42.72
42.74
42.76
42.82
42.84
42.88
42.92

Happy Scanning.

Josh

****
Joshua Jeffery 1:105/40.79 FIDO Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
FIDO/INTERNET Dwight@Industrial.com Jefferyj@Glencoe.hillsborouh.k12.or.us
* USENET Explorer, Wash. Co. Sheriff's Office *
****

... A Smith & Wesson always beats four aces.

6037. Motorola Advisor Software

Newsgroup: rec.radio.scanner
Date: 1994-11-27 22:06:12 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Nov27.180253.1@cad3.uccb.ns.ca>
Source record: 265149

Looking for Motorola Pager(Advisor)Software.
Ron

6038. Radio Shack Bashing

Newsgroup: rec.radio.scanner
Date: 1994-11-27 22:10:02 UTC
From: Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
Message-ID: <786013250.AA02852@jina.rain.com>
Source record: 265171

On (25 Nov 94) Glynne Tolar wrote to All...

GT> WOW! Someone from AOL bashing someone from the internet. Now there is a
GT> switch! (I was once on AOL 2 years ago. They burned me!)

I'm on AOL, but I didn't inhale.
Actually, I'm writing to you from Fidonet, but I have about
20 UNIX accounts...

Josh

```
*****************************************************************************
*Joshua Jeffery 1:105/40.79 FIDO Joshua.Jeffery@p79.f40.n105.z1.fidonet.org*
*FIDO/INTERNET Dwight@Industrial.com Jefferyj@Glencoe.hillsborouh.k12.or.us*
* USENET Explorer, Wash. Co. Sheriff's Office *
*****************************************************************************
```

... If you redo a batch file, is it a son of a batch?

6039. Re: priority pro34

Newsgroup: rec.radio.scanner
Date: 1994-11-27 22:10:45 UTC
From: dctrhappy@aol.com
Message-ID: <3bb055$e6g@newsbf01.news.aol.com>
Source record: 265151

In article <CyIMMo.2s6@agora.rdrop.com>, larry@agora.rdrop.com (Larry Holler) writes:

>>About 2 years ago I did the 800 mhz mod on my Pro34
From that Point on the Priotity Mode is lock on channel One
It will not turn off and you can not Change The Priotity channel.
I stiil works but only on Channel one
everything else works Great.
What did I do Or not do?

-Well, did you know how to do it before the mod? I know it's a stupid question but I got confused w/ my 34 cuz the way to select a priority channel is not very intuitive. Just in case, I'll tell you how to do it. You hit PGM and then the number of the channel you want prioritized (not the frequency) and hit PRI. You'll have to it PRI in scan mode again to activate the mode. Hope this helps. BTW, i've done the mod and mine works fine.

6040. Pro 2006 Mod

Newsgroup: rec.radio.scanner
Date: 1994-11-27 22:12:38 UTC
From: maverick@csulb.edu
Message-ID: <3bb08m$k2f@garuda.csulb.edu>
Source record: 265150

[No readable article body recovered]

6041. Re: pro-34 (again)

Newsgroup: rec.radio.scanner
Date: 1994-11-27 22:25:05 UTC
From: dctrhappy@aol.com
Message-ID: <3bb101$ebb@newsbf01.news.aol.com>
Source record: 265153

In article <alacy.34.00151815@skew.com>, alacy@skew.com (skew) writes:

>>yes, yes, and yes. I have checked most ftp sites, and looked thru 500 files,
but I can't seem to find the 34 accellerator mod. Maybe I am wrong, but isn't
there one?

-I took this from a text file. I haven't tried the speed upgrade.

>>x
Pro34 Mods

Remove the four screws from the back of the unit, then remove the batteries. Gently remove the back cover from the unit. You will need to de-solder the antenna from the top board. Then remove the nuts holding the squelch and volume pots. There may be a wire at the other end of the top board to de-solder, which I think is mainly for grounding purposes. Then, there are four hex screws holding the top board on. Remove these and carefully wiggle the top board loose from the bottom. I say wiggle because there is a multi pin connector to unhook. Once unplugged, slide it out horizontally so that the volume and squelch pots slide out with the board. Then there are three screws to remove to lift the metal shielding from the bottom board. Once you have the bottom board in plain view, you should see D9, D10, D11 and D12 on one side of the board. Cut one lead of D11 and seperate the leads so they dont touch. This removes D11 from the circuit and adds the 800 mhz cellular phone bands to your scanner. It is a hassle to get to D11, but the added frequencies are worth it in my opinion. Of course, LISTENING TO CELLULAR PHONE CALLS IS ILLEGAL! There are other mods that do various things to the diodes but these mods are of little value. One, for instance, adds the 66-88 Mhz band but it also removes the 30-54 Mhz band at the same time. In addition, many units won't even pick up anything in the 66-88 band without major realignment. I know mine won't! There is one other mod that's worth doing. I can't remember the part designation, but there is a ceramic 2 Mhz crystal on the logic board (probably blue in color), near the main CPU You can replace it with a 3.4, 3.55 or similar value for increased scanning speed. If you go over 4 Mhz, your CPU *may* not be able to maintain its integrity. If you use a normal crystal, you'll have to bend the leads over and lay the crystal flat over a nearby chip. It will fit though and it works! Make sure the crystal leads and the crystal body are insulated from touching any other circuits. If you use the two second delay, it will be affected by the crystal. The delay time will be reduced by increasing the crystal frequency. When you put the unit back

together, make sure the key lock switch is intact. Mine fell out and I didn't notice it was missing until I had everything back together. Also, don't get the antenna connection too awful hot. There is a surface mount cap near the underside that will fall off if you apply too much heat. This is the input cap from the antenna. You'll notice decreased signal strength after you put it all together again. It can be a real bear trying to put surface mounted parts back on the board!! Trust me ;-)Only remove D11, by desoldering it or clipping one lead. Do not
add a diode to D9.

6042. Pro 2006 Mod

Newsgroup: rec.radio.scanner
Date: 1994-11-27 22:25:46 UTC
From: maverick@csulb.edu
Message-ID: <3bb11a$l24@garuda.csulb.edu>
Source record: 265152

I recently acquired a RS Pro-2006 which I plan to use outside the U.S. Could anyone tell me how I could restore the 800 mhz frequencies which are cellular in the U.S.? Also, how can I restore the rest of the blocked frequencies which I believe are UHF tv in the U.S.?

Thank you very much for your help. Feel free to reply to my email directly if you'd like.

6043. Re: Secret service freq, president

Newsgroup: rec.radio.scanner
Date: 1994-11-28 00:06:30 UTC
From: mhalver@crl.com
Message-ID: <3bb6u6$s7m@crl.crl.com>
Source record: 265154

Don Hayes (donhayes@delphi.com) wrote:
: Whenever Clinton comes to New York city...don't forget to monitor the
: citywide police channels for activity. They are normally scanning rooftops for
: snipers and coordinating the opening and closing of streets as his motorcade
: proceeds thru town. Also I monitor the Coast Guard East River channel for any
: special notice to mariners that they give if the river access is restricted.
: Good Luck...It's always interesting to hear!!!

ALSO THE SS uses freqs on 167.0000 - 169.0000 using 12.5k steps this is
also true for the FBI. They use randomly programmed radios, they don't
even know the freq they are using each time they turn them on.

6044. Re: FREQUENCY POSTING

Newsgroup: rec.radio.scanner
Date: 1994-11-28 00:14:07 UTC
From: mhalver@crl.com
Message-ID: <3bb7cf$sf5@crl.crl.com>
Source record: 265155

Thomas J. Harrell (tharrell@nmsu.edu) wrote:
: Mark Halverson (mhalver@crl.com) wrote:
: : I have a request...(for what it worth)...if people are going to post
: : frequencies could they PLEASE include the important information? like this...

: [example deleted]

: We would, but not all of us have access to PL tone decoders....
: --
: | T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
: | NRA KC5KTO Beware of geeks bearing .gifs... |
: | The Second Amendment is the '...and we're not kidding!' clause |

I know not everyone has a tone decoder it was only a suggestion if at all
possible. People give out the freq. and forget the PL and INPUT is also
helpful to some of us.

6045. Re: Best scanner for 800/900 MHz, what is?

Newsgroup: rec.radio.scanner
Date: 1994-11-28 00:49:36 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3bb9f0$g66$1@mhadf.production.compuserve.com>
Source record: 265156

You've certainly waited long enough. All scanners manufactured after April (and some after January) for this country are now unmodifiable. Or are supposed to be. You'll either have to call around to find a dealer that may have a modifiable scanner in stock OR buy one from overseas.

6046. cell tower sites

Newsgroup: rec.radio.scanner
Date: 1994-11-28 00:53:46 UTC
From: an219@vox.xs4all.nl
Message-ID: <199411280210.AA04601@xs1.xs4all.nl>
Source record: 265160

How can I get maps showing the locations of cell towers in my geographic area in California? FCC? California Public Utilities Commission? Shareware?

To find out more about the anon service, send mail to help@vox.hacktic.nl
Please report any problems, inappropriate use etc. to admin@vox.hacktic.nl
Direct replies to the sender of this message are -not- anonymised <YuK>

6047. ACARS

Newsgroup: rec.radio.scanner
Date: 1994-11-28 01:11:27 UTC
From: aal@cix.compulink.co.uk
Message-ID: <CzyDz3.G50@cix.compulink.co.uk>
Source record: 265158

Does anybody know what I would need to decode these signals - I have a Yupiteru MVT7000 - what kind of decoder would work?

TIA

Andy, Manchester, The World!

6048. Re: C-5's bringing plutonium to Tenn/any incepts?

Newsgroup: rec.radio.scanner
Date: 1994-11-28 02:05:26 UTC
From: smacken@aol.com
Message-ID: <3bbdt6$h9h@newsbf01.news.aol.com>
Source record: 265159

While the TV crews were following the flight. The 'material' was probably in a for econoline van marked 'Didee Diaper Service' !!

It would fit.

steve

6049. Shack PRO-51??

Newsgroup: rec.radio.scanner
Date: 1994-11-28 02:14:09 UTC
From: gells@stumble.ultranet.com
Message-ID: <3bbedh$4sb@remus.ultranet.com>
Source record: 265157

I just got a Shack PRO-51 for my BDay!!! Being a newbie to this I gotta ask... Is this unit good?? What would be better?? For how many extra $$?? With 200 channel access using the PRO-51 what could the PRO-60 buy me when it comes out??
Thanks!!

-- Doug Geller
gells@stumble.ultranet.com

6050. VA Hospital Police freq's

Newsgroup: rec.radio.scanner
Date: 1994-11-28 03:42:33 UTC
From: maverick@csulb.edu
Message-ID: <3bbjj9$1l5@garuda.csulb.edu>
Source record: 265161

Does anyone know what the frequencies for the VA Medical Center police in Long Beach, California are? I've been unable to locate any listing in either Police Call or Beyond Police Call.

Thanks for your help. Feel free to reply directly to my email if you'd like.

6051. Re: FTP site for Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1994-11-28 03:56:09 UTC
From: 5leitgeb_c@spcvxb.spc.edu
Message-ID: <1994Nov27.225609.1@spcvxb.spc.edu>
Source record: 265162
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

In article <3baj87$2fc@comet.connix.com>, medic@connix.com (John D Gubernard) writes:
> Does anyone know the address of the FTP site with all the scanner mods??
>
> --
> =-=-=-=

6052. Re: CHP plane frequency?

Newsgroup: rec.radio.scanner
Date: 1994-11-28 04:12:27 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Nov27.201227.4869@cmkrnl>
Source record: 265170

In article <Czu5G1.LH6@lcpd2.SanDiegoCA.NCR.COM>, wps@ElSegundoCA.NCR.COM (Bill Starkgraf) writes:
> In article 9tv@crl6.crl.com, mhalver@crl.com (Mark Halverson) writes:
> -->In Sonoma County and in some parts of the state their are using 154.9200
> -->the CLEMARS freq for VHF, this is also their simplex re-broadcast freq.
> -->used to tx from the patrol car to their hand held radios.
> -->
> -->73s
> -->Mark KC6RLB
> -->
>
> I have the CHP car extender as 154.905
>
> That is what I have programmed into my radio and it works for me
> here in the LA area.

Yep. I think Mark is hearing CHP on 154.920 courtesy of a scanner with poor selectivity (not uncommon). No way would the CHP be routinely using the CLEMARS frequency.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

6053. Using Secure Clear cordless to decrypt inverted signals

Newsgroup: rec.radio.scanner
Date: 1994-11-28 05:32:41 UTC
From: "Gregory yea... you can call me Greg" <gregmason@delphi.com>
Message-ID: <pKyXFXJ.gregmason@delphi.com>
Source record: 265164

It's relatively well known that SSB-capable receievers can be used to decode signals encrypted using inversion technology. If, like me, you're not fortunate enough to own an expensive "super scanner" don't despair. You can beat 'em by joining 'em.

If you already own a Motorola Secure Clear cordless phone, or other cordless utilizing a speech inversion encryption scheme, you're already well on your way to decoding these signals.

You'll need two scaners, or a scanner and a tape recording of the signal you want to decode, and a Secure Clear, or similar, cordless phone:

1. Disconnect your phone at the modular jack. this is so that you won't be bothered by dialtones, etc.

2. Direct the scrambled audio signal into the mouthpiece microphone of the cordless handset. Some experimentation may be nessecary here to determine the best orientation of speaker to microphone.

3. Determine the current transmit frequency of your cordless handset. (49.XX)

4. Tune your scanner to the transmit frequency of your cordless handset.

That's it! You should now be listening to unencrypted audio.

Of course it is illegal to decode and listen to encrypted transmissions which aren't directed to you. It may also be illegal to listen to cordless phone conversations depending upon where you live.

The intent here is to remind everyone that those Secure Clear phones may be clear, but they ain't secure. If your conversation includes sensitive content, use the corded phone.

---Greg

6054. Re: Re: Christmas Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-11-28 05:36:36 UTC
From: JEFF_SEALE@bitstream.mpls.mn.us
Message-ID: <4121165822.2909665@bitstream.bitstream.mpls.mn.us>
Source record: 265167

Well, his sleigh has to have some kind of air-band radio in it. And he probably would have to communicate with his elves via HF, it's a long way to the North Pole you know.

6055. Simple (?) connector question

Newsgroup: rec.radio.scanner
Date: 1994-11-28 06:16:34 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.786003394@vela.acs.oakland.edu>
Source record: 264727
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I am using a threaded BNC connector from my roof antenna to my Pro 43. I cannot pickup distant signals unless I pull the connector and insert the copper wire from the center of the coax cable. As soon as I touch the braded wire to the antenna base (out side) I lose the signal and just get static covering the transmission. I have the braided wire cut back so it will not interfere with the center wire when mounted to the connector. Any suggestions??

Thanks, Neil

--

--N.C.Schultheiss
Detroit, Michigan, USA
ncschult@vela.acs.oakland.edu

6056. Mods for BC100xlt?

Newsgroup: rec.radio.scanner
Date: 1994-11-28 06:26:23 UTC
From: kermit@earth.execpc.com
Message-ID: <3bbt6f$gje@homer.alpha.net>
Source record: 265165

Having watched this group for awhile, I'm wondering if there are any mods that can be done to the Bearcat 100xlt.

Thanks in advance

kermit@earth.execpc.com

6057. For Sale: 200XLT with Cellular freqs; brand new

Newsgroup: rec.radio.scanner
Date: 1994-11-28 06:49:17 UTC
From: gregp@dorsai.org
Message-ID: <gregp.1.0001D264@dorsai.org>
Source record: 265166

I received a Uniden 200XLT as a birthday gift from my brilliant father while I already have a 2500XLT. Yes, I could use both in multitasking-scanning, but I would rather sell it and save my money for the new AOR8000,
It's new, in the box, although I did check to make sure that it does have the desired cellular frequencies ready for your listening pleasure.

This model is likely to appreciate soon, so E-mail me an offer, and I'll contact you (via phone or however you want) with details.

I'm in the NY area, but the Internet nor Scanning has it's geographic boundries.

gregp@dorsai.org

Thanks, Greg

6058. indoor antenna info please?

Newsgroup: rec.radio.scanner
Date: 1994-11-28 07:06:30 UTC
From: lsilver@netaxs.com
Message-ID: <3bbvhm$6jl@netaxs.com>
Source record: 265169

Hi, I am looking for information on buy/building an indoor antenna.
I live in Center City Philadelphia, on the tenth floor of a 19 floor
building.
I am not permitted to have antenna outside my windows.
I am interested in a wide range of frequencies including 800's. If more
than one antenna is needed, that is ok.

BTW, if someone can direct me to an ftp site with info on antenna's in
general or email me something, I'd appreciate it

Thanks, Larry

6059. Re: Carnival Ship Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-28 07:35:15 UTC
From: scan911@aol.com
Message-ID: <3bc17j$nn7@newsbf01.news.aol.com>
Source record: 265168

In article <3basuh$e8e@nermal.cs.uoguelph.ca>, jmichael@uoguelph.ca (Jesse S Micheals) writes:

I will be going on a cruise with Carnival at the end of December. The ship's name that I will be on is "Sensation" I was wondering if anyone knew of any frequencies that Carnival uses on their ships? A list or an ftp/gopher/www site where I might find this information would be much appreciated.

_____
REPLY:
Most ships of foreign port have a tendency to use VHF marine handhelds on board the ship.

Chuck
scan911@aol.com

6060. Re: SALE: 200 channel scanner 30-54/108-136/136-174/380-512/806-960 MHz

Newsgroup: rec.radio.scanner
Date: 1994-11-28 09:15:02 UTC
From: pb-emert@uwe.ac.uk
Message-ID: <1994Nov28.091502.8461@pat.uwe.ac.uk>
Source record: 264732
Cross-posted to: usc.general,usc.forsale,la.forsale,misc.forsale,sdnet.forsale,alt.radio.scanner,rec.radio.scanner,rec.radio.swap,alt.2600,comp.dcom.telecom.tech

merlin (merlin@neuro.usc.edu) wrote:
: Radio Shack Realistic PRO-2022 -- 200 Channel Scanning Radio Receiver
:
: 30- 54 MHz
: 108-136 MHz
: 136-174 MHz
: 380-512 MHz
: 806-960 MHz
:
: Purchased about one year ago from Radio Shack -- all original wrapping intact.
: This unit is in cosmetically and electronically perfect condition -- no dents,
: dings, or any electronic problems. Performs perfectly to all specifications.
:
: Cellular telephone modification (simple cut of one diode lead -- reversible)
: performs perfectly -- scanning automatically at appropriate 30 MHz intervals.
:
: Includes all commonly used state and federal government, law enforcement,
: mobile telephone, itinerant business, campus police & physical plant, ham
: radio, cellular telephone, and other commonly used frequencies.
:
: This is the best scanner I have owned in many years of scanning. It would
: be a perfect gift for the casual and/or serious radio scanning enthusiast.
:
: Price: $200 (relatively firm) or best offer --plus-- shipping.
:
: Reason for selling: moving to University College, London, England -- 1995.
:
: Please contact by email if interested to make arrangements for exchange.
:
: I can throw in copies of Los Angeles area civilian, campus and nationwide
: federal government agency -- including rare military frequency directories.
:
: ---
: Alexander-James Annala
: Principal Investigator
: Neuroscience Image Analysis Network
: HEDCO Neuroscience Building, Fifth Floor
: University of Southern California
: University Park
: Los Angeles, CA 90089-2520
: ---

:
Can it perform as a DDI?

6061. Frequency inversion scrambling software

Newsgroup: rec.radio.scanner
Date: 1994-11-28 11:18:47 UTC
From: I.Wraith@sheffield.ac.uk
Message-ID: <17DD2ED7A7B@Rivelin.shef.ac.uk>
Source record: 265174

Hello
There has been much talk in this group recently on the subject
of frequency inversion scrambling and the hardware required to
unscramble it. I have just written some software which can both
scramble and unscramble frequency inverted audio that requires only
a PC and a basic sound card.
At the moment the program can't scramble/unscramble audio in real
time instead it works with prerecorded .wav sound files. So if you
record some scrambled audio from your scanner using any sound
editor program then save it with the name scramble.wav. Then type
"inverse scramble.wav" after a while the program will create a
file called out.wav which contains the unscrambled audio which can
be played on any .wav file player.
If a .wav file containing clear speech is put through the program
the out.wav file will contain the same speech but scrambled.
I have uploaded the program to the anonymous FTP site FTP.FUNET.FI
in the directory pub/ham/dsp under the name INVERSE.ZIP. This site
can be very busy so keep trying.
The program is not perfect as the output contains some distortion
but it is an interesting first which you might be interested in.

Please let me know what you think.

Ian

I.WRAITH@SHEFFIELD.AC.UK

6062. Want info - R/S 1000ch desktop

Newsgroup: rec.radio.scanner
Date: 1994-11-28 11:58:07 UTC
From: kjohnson@pinn.net
Message-ID: <3bcgkf$3h8@everest.pinn.net>
Source record: 264725

Anybody got anty reviews or info n the new Radio Shack 1000ch desktop? Is this another GRE product or is it a Bearcat?

--
****
* Kevin Johnson *
* kjohnson@everest.pinn.net *
* N4YFC@N4HOG.#TIDE.VA.USA *
* P.O. Box 2694 *
* Newport News, VA 23609-0694 *
****

6063. Re: Do You Want Fries With That?

Newsgroup: rec.radio.scanner
Date: 1994-11-28 12:05:20 UTC
From: gwoody@maestro.maestro.com
Message-ID: <Czz88x.9MD@maestro.maestro.com>
Source record: 264738

Jim Wayda (jim@ttech.com) wrote:
> Could someone please explain to me the recent fascination with scanning
> fast food restraunts? I really don't get it! There are certainly alot
> better things to scan!

Jim,

Maybe people are interested in the frequencies used to talk back to
the sign. <grin> Many McDonalds use 1 CTCSS tone of 103.5 Hz. A friend
of mine was an installer for a General Electric 2-way shop. He was issued
portables for use at jobsites. The portables operated on 154.600 MHz,
CTCSS of 103.5 Hz. He happened to visit a McDonald's drive-through while
talking to a co-worker on the portable. Needless to say, he was surprised
(and delighted!) to hear his voice emanate from the drive-up loudspeaker!

-Gene WA2BCM
gwoody@maestro.com

6064. Re: indoor antenna info please?

Newsgroup: rec.radio.scanner
Date: 1994-11-28 12:12:22 UTC
From: paul@panix.com
Message-ID: <3bchf6$mvp@panix2.panix.com>
Source record: 264726

In <3bbvhm$6jl@netaxs.com> lsilver@netaxs.com (Foot Doc.) writes:

>Hi, I am looking for information on buy/building an indoor antenna.
>I live in Center City Philadelphia, on the tenth floor of a 19 floor
>building.
>I am not permitted to have antenna outside my windows.
>I am interested in a wide range of frequencies including 800's. If more
>than one antenna is needed, that is ok.

>BTW, if someone can direct me to an ftp site with info on antenna's in
>general or email me something, I'd appreciate it

>Thanks, Larry

Radio Shack has an excellent softcover book available called "Antennas". It's
about $3.95.

paul

6065. Re: Simple (?) connector question

Newsgroup: rec.radio.scanner
Date: 1994-11-28 13:10:06 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CzzB8u.14L@nntpa.cb.att.com>
Source record: 264733
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <ncschult.786003394@vela.acs.oakland.edu>,
N C Schultheiss <ncschult@vela.acs.oakland.edu> wrote:

>... my roof antenna [connected to] my Pro 43. I
>cannot pickup distant signals unless I pull the connector and insert the
>copper wire from the center of the coax cable. As soon as I touch the
>braded wire to the antenna base (out side) I lose the signal and just
>get static covering the transmission....

The condition you describe is indicative of a defect
in the coax, antenna, or at the coax/antenna junction.

Another possibility is that you are trying to use an
antenna at a frequency for which it has very poor performance,
e.g., becomes a dead short at that freq.
--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6066. Re: Want info - R/S 1000ch desktop

Newsgroup: rec.radio.scanner
Date: 1994-11-28 13:18:12 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CzzBMC.16n@nntpa.cb.att.com>
Source record: 264729

In article <3bcgkf$3h8@everest.pinn.net>,
Kevin Johnson <kjohnson@pinn.net> wrote:

>Anybody got anty reviews or info n the new Radio Shack 1000ch desktop? Is
>this another GRE product or is it a Bearcat?

The PRO-2035 is manufactured by GRE. I performed a side-by-side
comparison of the PRO-2035 vs. the PRO-2006. The results are
scheduled to appear in Monitoring Times, January 1995 issue.

I'm told most subscribers will receive that issue during the last
week of December.

There have been at least 2 reviews published, one in MT, and
I think the other was in either the American Scannergram
or RCMA Journal. Tom Swisher posted he is evaluating a PRO-2035, too,
and perhaps he will be putting his comments in the National Scanning
Report.
--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6067. Re: What are these frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-11-28 13:25:08 UTC
From: wbloss@delphi.com
Message-ID: <5E5V1xM.wbloss@delphi.com>
Source record: 264728

Al Martinez <drjose@maestro.maestro.com> writes:

>My scanner (BC2500XLT) receives every frequency except these:
>
>1. 550 MHz - 760 MHz

In addition to the UHF TV, this group of frequencies has been
reported as harboring a military quasi cellular comm system. The local
National Guard 135th Signal Batallion HAS this system, and I have worked
HARD to hear it, but my RS-2005 does not cover it also, so the allocation may
be correct

Wally Bloss
WB0BAV
A Human

6068. Re: Wanted Air Phone Freq's

Newsgroup: rec.radio.scanner
Date: 1994-11-28 13:33:03 UTC
From: wbloss@delphi.com
Message-ID: <xG61ldP.wbloss@delphi.com>
Source record: 264730

BigJimsPcs <bigjimspcs@aol.com> writes:

>I have used the old seat back Airphone on many of airplane, but always
>wondered if my conversation was being easily intercepted by fellow scanner
>listeners.

[D
using the 800 mhz version. VERY easy to intercept the air to ground
side, at least here in the heartland. Just search 894>896 MHz
in 5 KHz steps in the AM mode and there they are! Dozens at peak
times, less at others. Cost is a consideration of course!

Wally Bloss
WB0BAV
A Human

6069. Pro-23 for Sale

Newsgroup: rec.radio.scanner
Date: 1994-11-28 14:25:03 UTC
From: chuck609@aol.com
Message-ID: <3bcp7v$qf6@newsbf01.news.aol.com>
Source record: 264731

Like new Realistic Pro-23 for sale, rarely used.
800 MHz restorable (via keystrokes on keypad)
Lightweight, compact.
Asking $135 (+ shipping)
Original box and manual.
E-mail please for more specs.

Chuck Segal.

6070. Freq's Need for Central MA!

Newsgroup: rec.radio.scanner
Date: 1994-11-28 16:24:41 UTC
From: toddm@titan.ucs.umass.edu
Message-ID: <3bd089$b64@nic.umass.edu>
Source record: 264734

Greetings,
I'm looking for a list of frequency's for FD, PD, HWY,
just about anything in the central/wester Massachusetts Area. (Amherst,
Holyoke, Springfield, Greenfield, Univ of Mass, North Hampton, etc). If
anyone has any lists could you possibly e-mail them to me? Thanks!

Todd McCartney

6071. Re: Wanted Bucks County PA frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-28 16:37:08 UTC
From: rmiller@syl.nj.nec.com
Message-ID: <3bd0vk$o46@newsserver.nj.nec.com>
Source record: 264735

In article <jernandez-151194104353@jernandez.pbs.org>,
John J. Ernandez <jernandez@pbs.org> wrote:
>
> Can someone please provide the fire, police, and EMS frequencies for Bucks
>County PA? Or can someone point to an FTP or WWW site for the frequencies?
>
>Thanks in advance
>
>--
>John J. Ernandez
>Communication Systems Engineer
>Public Broadcasting Service
>
>"My Favorite Location On the Pennsy" MP-46.8 Plainsboro, NJ
>
>E-Mail jernandez@pbs.org Member:PRR Technical & Historical Society
>Phone: 703-739-5474 Southern Railway Historical Association
>Amateur Radio: KA2YAP

John,

Here are several Bucks County police frequencies to start you off...

501.0375
501.1625
501.1875
501.2375
501.2625
501.2875
501.3125
501.3375
501.3875
501.4125
501.4625
501.5125
501.5625
501.5875
501.6375
501.6625
501.7125
501.7375
501.7625
501.7875
501.8625
501.9875

501.1600
501.2350
501.3100
501.5100
501.7100
501.7350

502.0750
502.1125
502.4250

My boyfriend did not give me identifications for any of these. I think
many of them are patrol cars and a dispatcher or two. Have fun!

--
==========
Ruth Miller
rmiller@syl.nj.nec.com
==========

6072. Re: BC200XLT Question

Newsgroup: rec.radio.scanner
Date: 1994-11-28 17:06:13 UTC
From: Ben Hernandez <ben.hernandez@macsch.com>
Message-ID: <CzzM6F.6Kr@draco.macsch.com>
Source record: 264737

In article <quioxteCzuHx0.DAL@netcom.com> Michael J. Robert,
quioxte@netcom.com writes:
>I would like to reorganize my programmed frequencies but the 200XLT will
not
>allow duplicate frequencies to be enterd. Is there a way to erase my
current
>frequencies and start from scratch?

Do the following at your own risk!

THIS ERASES ALL FREQUENCIES IN YOUR SCANNER!!!!

1. Turn off scanner.
2. Hold down the 2, 9, and Manual keys.
3. Turn on scanner.

All channels will be zeroed and locked out.

P.S. It will allow dupe freqs to be entered, just press enter again.
-Ben

6073. Re: What are these frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-11-28 17:10:19 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <3bd2tr$12v@umcc.umcc.umich.edu>
Source record: 264736

In article <5E5V1xM.wbloss@delphi.com>, <wbloss@delphi.com> wrote:
>Al Martinez <drjose@maestro.maestro.com> writes:
>
>>My scanner (BC2500XLT) receives every frequency except these:
>>
>>1. 550 MHz - 760 MHz
>
>In addition to the UHF TV, this group of frequencies has been
>reported as harboring a military quasi cellular comm system. The local
>National Guard 135th Signal Batallion HAS this system, and I have worked
>HARD to hear it, but my RS-2005 does not cover it also, so the allocation may
>be correct

Sounds like you're referring to MSE -- Mobile Subscriber Equipment,
which does not use the 550-760MHz range.

>Wally Bloss
>WB0BAV
>A Human

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie: T.Tyler5 AOL: Hooligan MCI: 442-5735
Ypsilanti MI
48197 I'm an equal-opportunity discriminator, and I affirm action.

6074. GRE Super Converter II For Sale (800Mhz)

Newsgroup: rec.radio.scanner
Date: 1994-11-28 18:14:08 UTC
From: domonkos@access.digex.net
Message-ID: <9hYskiubG-PG066yn@access.digex.net>
Source record: 264741

FOR SALE: GRE Super Converter II

Converts 800-912 Mhz directly to 400-512Mhz on your scanner. Direct frequency readout (just add 400 to frequency display). Unrestricted coverage including cellular. Connects between scanner and existing antenna. Powered by 9volt battery or adapter.

$50 and I'll ship.

Andy

6075. Re: BC200XLT Question

Newsgroup: rec.radio.scanner
Date: 1994-11-28 18:18:15 UTC
From: adamld@atl.com
Message-ID: <1994Nov28.181815.21602@atl.com>
Source record: 264739

In article <quioxteCzuHx0.DAL@netcom.com>,
Michael J. Robert <quioxte@netcom.com> wrote:
>I would like to reorganize my programmed frequencies but the 200XLT will not
>allow duplicate frequencies to be enterd. Is there a way to erase my current
>frequencies and start from scratch?

It will allow you to enter duplicates; it's just showing you that a duplicate
exists. Press "Enter" a second time and the dup. frequency will be stored.

For future reference, holding "2", "9", and (I think) "Enter" (or is it "Manual")
while turning on the scanner will clear all frequencies (the other one stores
some factory test freqs. in the lower part of memory.

--
Adam Levin-Delson adamld@atl.com Vx: 206.487-8681
Atlantis Diagnostic Int'l Inc. Fx: 206.487-8170
18939 120th Ave. NE Ste.111 Bothell, WA 98011 USA
If this signature appears twice you're a winner!

6076. Re: Modem to Scanner - help!

Newsgroup: rec.radio.scanner
Date: 1994-11-28 19:23:09 UTC
From: rotnapple@aol.com
Message-ID: <3bdamt$1q0@newsbf01.news.aol.com>
Source record: 264740

In article <starinCzoCGA.1Ew@netcom.com>, starin@netcom.com (Jeffrey Starin) writes:

Before I go ahead and blow up my modem through experimentation, I thought I'd ask the gurus in this group if they know how to connect a radio tape out plug to the input of a modem. Any ideas?

thanks
--
Jeffrey
{New York}

**********REPLY**********

Jeff-

Are you trying to monitor digital radio transmissions with your scanner?

(Hey guys I think he's he's trying to take the tones received from a AFSK transmission from his scanner to the modem and have it display the text.)

You might want to jump over to the Ham radio Digital section on the net. Hams use a digital mode called Packet Radio. It can be monitored using a scanner and a modem (called a TNC). I don't know if you can do it with a regular old modem.

Most ham radio TNC's have software that will allow them to decode and display; Morse code, FAX, WEFAX, Weather Satallite transmissions, Packet Ham Radio, and several other digital modes.

E-Mail for more info.

Greg

6077. Help choosing scanner

Newsgroup: rec.radio.scanner
Date: 1994-11-28 19:53:29 UTC
From: rmillis@nucleus.com
Message-ID: <Czztx5.E61@nucleus.com>
Source record: 264749

A friend of a friend is looking to buy a scanner for her husband for Christmas.

I have a PRO-34 and PRO-43 and have been happy with both units. I recommended the PRO-43 to her (as I doubt she'll find a 34 anymore), but I'm wondering how we know if the 43 she buys can be modified to receive cellular?

Also, she asked about the 2032 and 2305. I'm not familiar with these units - can anyone tell me about them? Are they good units, and can they be modified to receive 800 cellular?

What other radio shack scanners are good? Which ones can be modified for cell?

Thanks!

6078. How to shield a PRO-2006?

Newsgroup: rec.radio.scanner
Date: 1994-11-28 20:05:56 UTC
From: blythe@cms.uncwil.edu
Message-ID: <bq2zO44oEMF8kSol06b@cms.uncwil.edu>
Source record: 264742

If anyone has any ideas for adding RF shielding to the stock plastic PRO-2006 case please e-mail me. Perhaps there is an aftermarket metal case available to replace the plastic one. If you know of such a case I'd like to hear from you!

Also, does anyone have any experience with Ramsey Electronics? They sell a line of hobby kits. I saw their ad in Monitoring Times and I'm interested, but I'd like some other opinions.

Thanks!

6079. Shielding pro2006

Newsgroup: rec.radio.scanner
Date: 1994-11-28 20:24:51 UTC
From: hamed@netcom.com
Message-ID: <hamedCzzvDF.BJM@netcom.com>
Source record: 264743

Actually, the RF components are inside metal boxes (inside the
plastic case) and the shielding is quite good. I wonder what sort of
problems you have had?

Bob
rweller@h-e.com

--

Hammett & Edison Inc engr@h-e.com
San Francisco 707/996-5200

6080. rochester, NY frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-11-28 20:32:32 UTC
From: stesta@bilbo.bio.purdue.edu
Message-ID: <3bdep0$g5i@mozo.cc.purdue.edu>
Source record: 264744

I am moving to spencerport, NY (outside rochester) and am looking for frequencies for this area. Any information will be appreciated.

6081. scanner laws in Oklahoma and Texas

Newsgroup: rec.radio.scanner
Date: 1994-11-28 20:38:06 UTC
From: Bret A Pennington <bap@storm.atms.purdue.edu>
Message-ID: <Pine.A32.3.91.941128153530.12743A-100000@storm.atms.purdue.edu>
Source record: 264745

In Indiana we cannot use a scanner in a moving vehicle if it can pickup
police frequencies. We are going to Texas/Oklahome for the weekend
and would like to know what the laws are there.

BRET A. PENNINGTON/COMPUTER TECHNICIAN/EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 4-0678 (317-494-0678)/ PURDUE UNIVERSITY
WEST LAFAYETTE, INDIANA 47907
bap@mace.cc.purdue.edu BretP26328@aol.com BWWA68A@PRODIGY.COM

6082. Re: PRO-50

Newsgroup: rec.radio.scanner
Date: 1994-11-28 20:45:16 UTC
From: gblue@hupa.kn.pacbell.com
Message-ID: <3bdfgs$lg9@ohlone.kn.PacBell.COM>
Source record: 264750
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I just bought a pro 50. It is modifiable and is picks up at a far range.

6083. Re: THE 10TH AMENDMENT RESOLUTION OF THE STATE OF COLORADO

Newsgroup: rec.radio.scanner
Date: 1994-11-28 20:45:42 UTC
From: news@attatl.AtlantaGA.NCR.COM
Message-ID: <CzznMD.Ext@attatl.AtlantaGA.NCR.COM>
Source record: 264748
Cross-posted to: alt.activism,alt.politics.libertarian,rec.radio.scanner,talk.politic

In article <1994Nov22.104549.24466@hpcvaac.cv.hp.com>,
billn@hpcvaac.cv.hp.com says...
>
>William_Mosco@vos.stratus.com writes:
>: => billn@hpcvaac.cv.hp.com (bill nelson) wrote:
>:
>: =>So, if the Supreme Court said that the ammendment to the
constitution
>: =>granting women the right to vote was unconstitutional, you wouldn't
>: =>object? After all, the 9 gods have ruled - who are you to doubt
them?
>:
>: It's impossible to call an amendment to the constitution
>: "unconstitutional".
>
>It is? I wouldn't bet on it. It would certainly stir up a bunch of
>interesting debate, in congress and elsewhere.

They would not have to declare that it were unconstitutional. Just that
what it really means is not what everyone thinks it means.

6084. can anyone get me a list of freq.

Newsgroup: rec.radio.scanner
Date: 1994-11-28 20:51:08 UTC
From: gblue@hupa.kn.pacbell.com
Message-ID: <3bdfrs$lg9@ohlone.kn.PacBell.COM>
Source record: 264746

Hi can anyone mail me a freq list for san jose Ca. Send it to
Dkumets@kn.pacbell.com

6085. ICOM R1 -WARNING_

Newsgroup: rec.radio.scanner
Date: 1994-11-28 21:16:28 UTC
From: danhsu@unixg.ubc.ca
Message-ID: <3bdhbc$3cf@nnrp.ucs.ubc.ca>
Source record: 264747

[No readable article body recovered]

6086. Re: rochester, NY frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-11-29 01:16:41 UTC
From: dwwn@uhura.cc.rochester.edu
Message-ID: <1994Nov29.011641.24760@galileo.cc.rochester.edu>
Source record: 264752

In <3bdep0$g5i@mozo.cc.purdue.edu> stesta@bilbo.bio.purdue.edu writes:

>I am moving to spencerport, NY (outside rochester) and am looking for frequencies for this area. Any information will be appreciated.
Call Shack Too at 288-5848 once you get up here. It's a board that has a
lot of scanner stuff. Also, all the RS stores have lists of the more comman
freqs for Monroe County and the area.

6087. Re: Radio Shack Bashing

Newsgroup: rec.radio.scanner
Date: 1994-11-29 01:32:52 UTC
From: julian@kesteven.win-uk.net
Message-ID: <145@kesteven.win-uk.net>
Source record: 264754

In article <3b4v6j$1csh@tequesta.gate.net>, Gregory Pettiford (axanar@gate.net) writes:
>GURU314708 (guru314708@aol.com) wrote:
>: In article <3aj32i$nhh@newshost.lanl.gov>, Gerald Schmitt
>: <ggs@aerie.lanl.gov> writes:
>
>: I thought this was rec.radio.scanners not rec.bashing.radioshack,
>: Hmmmmmm???? seems to me you don't have a clue!
>
>: Got anything good to add about maybe scanners or good frequencies
>: or maybe anything about radios?
>You have no humor, you have no clue, you need to lighten-up a little bit:)

Nice half-grin. who, precisely needs to lighten up?

>The best thing in the world is bashing Rat Shack, because their salesdroids
>try to bullshit their way out of an answer that they don't know, instead
>of coming out and saying that they don't know.

Yes, their UK equivalents (Tandy salespoisons) are no better,
However, Haven't you missed the point, i.e. the original post was
not group-topical. I suggest you re-post flames to
alt.bored.ergo.r.shack.bash.bash.bash.

Is there any possibility that we might be having a little fun yet?

:-)

Julian

6088. CLEMARS (was: CHP plane frequency?)

Newsgroup: rec.radio.scanner
Date: 1994-11-29 02:13:08 UTC
From: kjn@netcom.com
Message-ID: <kjnD00BHw.70n@netcom.com>
Source record: 264753

" BS> In article 9tv@crl6.crl.com, mhalver@crl.com (Mark Halverson) writes:
" -->In Sonoma County and in some parts of the state their are using 154.9200
" -->the CLEMARS freq for VHF, this is also their simplex re-broadcast freq.
" -->used to tx from the patrol car to their hand held radios.

Partially yes, partially no.

154,920 is *a* CLEMARS freq. It is designated as "Gold - 1" by the Ca. O.E.S.
license holder for the CLEMARS system. CHP aircraft *do* use this freq when
communicating with SO or other local agencies. The CHP VHF simplex freq
is typically 154.905 with no PL tone activated.

" BS> I have the CHP car extender as 154.905

" Well, I have CLEMARS here as 484.2375
Your list is in error. The above freq is allocated for land mobile
(business band).

" Ok, here are some CHP FREQS FOR YOU
[deleted]

CLEMARS frequencies:
California Law Enforcement Mutual Aid Radio System
Gold - 1 154.920
Gold - 2 154.935
Gold - 3 155.475 also called NALEMARS*
Gold - 4 460.025 (UHF simplex & rptr output)
Gold - 5 465.025 (UHF input where available)

CALCORD 156.075 (public safety coordination)

* NALEMARS = National Law Enforcement Mutual Aid Radio System
Authorized only for Base-to-mobile or mobile-to-mobile communications. No
Base-to-base unless for extreme emergency..

For info... operation on the above freqs. is limited by 47 CFR 90.423 to
operation at or below altitudes of 1.6 km (1 mile) AGL and to an output
power of 10 watts. No PL tones are authorized.

Another interesting requirement is that NO speech scrambling. voice
encryption or other form of voice privacy is allowed on ANY CLEMARS
channel...

Regards;

--
Ken

6089. Re: How to shield a PRO-2006?

Newsgroup: rec.radio.scanner
Date: 1994-11-29 03:10:30 UTC
From: sagcorp@clark.net
Message-ID: <3bdvf5$29k@clarknet.clark.net>
Source record: 264751

I've bought a lot of stuff from Ramsey dating back to my grad school days in 1973 at Univ of Rochester. Most recently, this fall at Gaithersburg Hamfest. Never had a problem.
Lee Mairs, KM4YY
sagcorp@clark.net

6090. Re: Shielding pro2006

Newsgroup: rec.radio.scanner
Date: 1994-11-29 03:24:44 UTC
From: "Gregory yea... you can call me Greg" <gregmason@delphi.com>
Message-ID: <J28WI1U.gregmason@delphi.com>
Source record: 264755

Hammett and Edison Inc <hamed@netcom.com> writes:

>Actually, the RF components are inside metal boxes (inside the
>plastic case) and the shielding is quite good. I wonder what sort of
>problems you have had?

I dont know what kind of trouble the original poster has, but I can tell you
about my experience.

I have installed an OS456 board in my 2006. While I am happy with the perfo-
ormance of the board, the proximity of the scanner to the computer results
in significant low frequency interference.

A friend, fortunate enough to have more than one 2006 has reported interfer-
ence from annother radio when stacking the radios one on top of the other.

I have been able to cure most of my computer rfi problems with my 2006 by
installing tin foil on the inside of the top and bottom pannels. Additional
tin foil wrapped around the cables behind my desk, and annother couple of thick
nessed of foil beneath the printer which occupys the shelf directly above my
2006 have virtually ended my rfi problems.

I'm waiting for some genius to come up with an aftermarket shielding kit for
the 2006. Anyone interested in starting up a cottage industry?

Itd be pretty easy to make a die to cut a piece of copper sheet to the dimens-
sions of the areas requiring shielding. Throw in a little double sided tape,
and youre in business!

Dont forget to send me the royalty checks! I expect 10%!

---Greg

6091. A.O.R. AR-950 mods???

Newsgroup: rec.radio.scanner
Date: 1994-11-29 03:46:00 UTC
From: dorje@ios.com
Message-ID: <3be85o$8ki@ios.com>
Source record: 264756

Looking for mods to the AOR AR-950 scanner. It has a design flaw which makes it stop frequently on non-busy frequencies; I would like to know how to cure this! Thanx in advance.
Charles

6092. Pro-39 modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-11-29 04:29:40 UTC
From: stesta@bilbo.bio.purdue.edu
Message-ID: <3beank$qa7@mozo.cc.purdue.edu>
Source record: 264757

I think i just missed this thread, but is my pro-39 modifiable?
FCC ID:AA020-303 S.NO. #######
No A in S.NO.
Any help will be appreciated. stephen

6093. Re: Shielding pro2006

Newsgroup: rec.radio.scanner
Date: 1994-11-29 07:00:05 UTC
From: dctrhappy@aol.com
Message-ID: <3bejhl$cim@newsbf01.news.aol.com>
Source record: 264758

In article <hamedCzzvDF.BJM@netcom.com>, hamed@netcom.com (Hammett and Edison Inc) writes:

:Actually, the RF components are inside metal boxes (inside the
:plastic case) and the shielding is quite good. I wonder what sort of
:problems you have had?

-He loves his scanner so much that mere plastic pulls the heartstrings.
Why else do you think i've had embezzled ivory meticulously hand- cut into
a fine piece of art which serves as the temple surrounding the 2006???

6094. "INTRODUCTION TO SCANNING"- by popular necessity.

Newsgroup: rec.radio.scanner
Date: 1994-11-29 07:05:02 UTC
From: dctrhappy@aol.com
Message-ID: <3bejqu$cko@newsbf01.news.aol.com>
Source record: 264759

Hope this saves a lot of messages... :-)

Introduction to Scanning
by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

This introduction is intended for people new to the scanning hobby. It tells where you can buy your first scanner, what features it should have, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves by their sensitive baby monitor intercom. Yes, it's legal to listen, and it's all there in the 46 and 49 MHz ranges.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Listen to airline pilots as they talk with air traffic controllers and their companies between 108 and 137 Mhz.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that California, Florida, Indiana, Kentucky, Michigan, Minnesota, Nebraska, New Jersey, New York, North Dakota, Oklahoma, South Dakota, Tennessee, and Vermont have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack, Uniden (Bearcat and Regency brands), and Cobra offer a wide choice of scanners. Personally, I don't recommend AOR brand scanners.

Scanners are available in two varieties: crystal controlled and programmable. The crystal controlled models are cheaper, but require the user purchase and install a $5 crystal for each frequency of interest. Programmable (synthesized) units don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a

mobile scanner which connects to your auto's electrical system.

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band unless you live in a very rural area where this band is not used. Usage of the 800 MHz band is growing by leaps and bounds.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to most scanner owners.

Currently, the more popular scanners include the Uniden/Bearcat 760XLT (a/k/a 950XLT) and Radio Shack PRO-2004 and PRO-2005 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT) and Radio Shack PRO-34 portables.

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas can extend reliable reception to 100 miles or more.

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Service Merchandise sell scanners, but carry just a few models. Department stores, like Sears and Montgomery Wards, sometimes offer scanners, although at high prices.

The best deals on new scanners are from reputable mail order firms like Grove Enterprises (Brasstown, NC), Scanner World (Albany, NY), or National Tower Company (Shawnee Mission, KS). Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI), also sell scanners. See the shortwave "welcome" article for the addresses of other scanner suppliers.

Used scanners may be found at hamfests, flea markets, or listed in the classified advertisement section of your newspaper.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as

taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores for about $7.

I also recommend Richard Prelinger's 1985 book, Monitor America, published by SMB Publishing, and available from Grove Enterprises for about $15. Although somewhat out of date, this single edition contains 582 pages of police, fire, local government, news media, sports, national park, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterpises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications. The best frequency lists are often found in club publications, discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the

NTIS, 5285 Port Royal Road, Springfield, VA 22161.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find Dymo tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to

exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Three models, the ICOM R7000, Bearcat 250, and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-75 or CTR-82 will do. It's best to use a shielded cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $18.50 per year, which includes a monthly newsletter of about 95

pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $15 and more information is available from All Ohio Scanner Club, 50 Villa Road, Springfield, OH 45503.

6095. Re: NFL Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-29 07:18:46 UTC
From: NT.Boy
Message-ID: <NT.Boy-2911940218460001@slip-199-234-232-125.voicenet.com>
Source record: 264760

In article <3b5qgl$8m9@uhost1.servtech.com>, Neal Eckhardt
<eckhardt@cyber1.servtech.com> wrote:

> While Internet Surfing a few weeks ago, I came accross the frequencies
> for some NFL teams and TV personnel. I have been unable to find them
> again.

They're scrambled.

6096. Re: Ham radio, scanners, swl

Newsgroup: rec.radio.scanner
Date: 1994-11-29 08:54:03 UTC
From: hnoel@cyber1.servtech.com
Message-ID: <hnoel-2911940354030001@blackcat.servtech.com>
Source record: 265173

In article <93.1325.7592.0NFB6769@woodybbs.com>, karl.moser@woodybbs.com (Karl Moser) wrote:
> @SUBJECT:Ham Radio, Scanners, SWL Mods Disk N
> ****** ALL NEW *******

Why not just upload them to an ftp site or post them?

Or are you the type of slime that wants to use the resources others and myself pay for to make money? I hope you aren't that big of an asshole and will share the information.

Of course, these wouldn't be the same files that were downloaded from ftp sites and you are trying to make a fast buck?????

> @SUBJECT:Ham Radio, Scanners, SWL Mods Disk N
> ****** ALL NEW *******
>
> Get Yours Today !!! A must for all Ham Radio Operators, SWL, or
> electronic hobbiest !!
>
> KE3NF's Radio Mod Collection. !!
>
> Karl Has collected over 1400 files entries for the modification of
> hundreds of Ham Radio's , Scanners, Short Wave Listeners, TNC'.
> That is OVER 4 1/2 MEGS of Text Mods!!!! (Unzipped)
>
> Now he is making them advailable to you!! Here's how to order:
>
> Send 2 Formatted 1.44 3 1/2" Floppies, $10.95, And a SASE
> Or
> Send $14.95 and an SASE
>
> To:
> Karl Moser (KE3NF)
> 1015A Cayer Dr.
> Glen Burnie, Md 21061
>
> and if you act now, I will include a copy of the new collection of
> Scanner and Ham Band Freqs.
> So Order today, we gaurantee same day shipping!!
>
> 73's de Karl KE3NF
>
>
> --- PCB15.1/2-GEcho 1.02

> * Origin: BORDERTECH BBS, HAMPSTEAD,MD *USA* 410.239.4247 (1:261/1355)

6097. Re: RS PRO Scanners

Newsgroup: rec.radio.scanner
Date: 1994-11-29 10:58:10 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <786106690snz@javiaton.demon.co.uk>
Source record: 264765

In article <3attbd$nsi@tadpole.fc.hp.com> ron@fc.hp.com "Ron Miller" writes:

> If you're not in the US, can you even buy these radios?

You will find most RS scanners available in the UK & Europe.
Curently the PRO-39, 44, 43, 46 & 50 are in the handheld range.
The PRO-23 & 51 never made it to the UK that I am aware of.

Base station wise the 2006 is still around together with the
2032 and the new 2035 is now avialable.

Some of the GRE manufactures radios are also available under the
"COMMTEL" brand name, these are made for Altai.

The COM-202 is the PRO-44, COM-203 = PRO-39, COM-204 = PRO-43 &
COM-205 = PRO2006...always makes me smile when those people who
have an aversion to "Realistic" branded products are more than
happy to consider the Commtel range..:-)

--
Cheers,
/--\
Jonathan Clough,	AOR - Alinco - Camnis - Commtel - Bearcat -
Javiation,	Fairmate - Icom - Sony - Lowe - Realistic -
Bradford, UK	Signal - Tandy - Uniden - Yupiteru & Others
Tel: +44 (0)1274 732146 \---
Compu$$erve: 100117,535
Internet : Clough@javiaton.demon.co.uk
\--/

6098. Scanner Buff / database wanted

Newsgroup: rec.radio.scanner
Date: 1994-11-29 11:13:23 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.181.000B3974@cornell.edu>
Source record: 264770

I have been using Scanner Buff data base for keeping track of frequencies.
It s a good program (ver 3.80.4) except the numerical listing . It isn't
quite 100% in numerical order. I have lost track of the author Bob Ricci, so
it is not possible to have this problem corrected. He was susposed to have a
better version out but I have never seen it. My question, query, poser etc.
Does anyone know of a later version of Scanner Buf, it's author or a better
program that will do everything SB will. Except for that one glaring problem
it is a very good program. Please answer by post or email at cjs9@cornell.edu
Thanks; Carl KB2SGX
Carl KB2SGX (ex-jarhead) Semper Fi
"To those who fought for it, freedom has a flavor
the protected will never know"
unknown Marine; Khe Sahn, Viet Nam

6099. Those rechargeable akalines aa size (any good?)

Newsgroup: rec.radio.scanner
Date: 1994-11-29 11:48:11 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3bf4dr$55s@nntp.crl.com>
Source record: 264761

I have concluded that to avoid the agrevation of swapping batteries during the day it is better to use regular akaline batteries despite the cost.
I remember there had been some discussion of the rechargeable ones npw available in the stores. What was the conclusion, were they and the charger worth it?

ki4je

6100. AR8000 Buttons on the side (what are they?)

Newsgroup: rec.radio.scanner
Date: 1994-11-29 11:49:39 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3bf4gj$55s@nntp.crl.com>
Source record: 264762

Ads for the ar8000 seem to show four buttons on the side.
What is their function?

ki4je

6101. Re: Radio Shack Bashing

Newsgroup: rec.radio.scanner
Date: 1994-11-29 12:56:02 UTC
From: JJENSEN@Mankato.msus.edu
Message-ID: <3bf8d2$kjh@nitrogen.mankato.msus.edu>
Source record: 264774

In article <3aj32i$nhh@newshost.lanl.gov>, Gerald Schmitt <ggs@aerie.lanl.gov> says:
>
>
>Come on folks we haven't beat up Radio Shack for several weeks now.
>To get the ball rolling I submit their new slogan should be:
>
> "You have questions, We haven't got a clue."
>
>All other suggestions are certainly welcome.

"You have questions, so do we, would you like to buy an
extended service contract on your $19 phone? It's only
$29.95"

"You have questions. We have minimum wage part-time help."

"Would you like any fries... er ah.. solder with that?"

"Radio Shack- The Fast Food answer to consumer electronics."

"Why yes, those are polyester ties that our staff is wearing."

"Radio Shack, home of one of the best damn scanners in the
free world (Pro-2006) and 8000 pieces of junk."

"You have questions. We'll sell you a bunch of stuff."

6102. Re: Those rechargeable akalines aa size (any good?)

Newsgroup: rec.radio.scanner
Date: 1994-11-29 13:03:03 UTC
From: schuster@panix.com
Message-ID: <3bf8q7$q93@panix3.panix.com>
Source record: 264763

In article <3bf4dr$55s@nntp.crl.com>, Flying Turtle <vhealey@crl.com> wrote:
>I have concluded that to avoid the agrevation of swapping batteries during the
>day it is better to use regular akaline batteries despite the cost.
>I remember there had been some discussion of the rechargeable ones
>npw available in the stores. What was the conclusion, were they and
>the charger worth it?

You must mean the Renewal "reuseable" alkalines from Rayovac.

Yes, and you must buy the batteries and charger together - a generic
charger, or the charging circuit within a handheld scanner will explode
them.

They give you near-alkaline performance for many cycles (the less you
abuse them before recharge, the better they will perform).

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6103. Re: Radio Shack Bashing

Newsgroup: rec.radio.scanner
Date: 1994-11-29 13:08:50 UTC
From: JJENSEN@Mankato.msus.edu
Message-ID: <3bf952$kjh@nitrogen.mankato.msus.edu>
Source record: 264875

In article <3b3p8k$kv@newsbf01.news.aol.com>,some AOL type bashes someone
on the internet... 1. If you don't believe that the RS bashing is appropriate
to this group, then don't read messages with that thread.
2. Get a sense of humor-- you'll need it with a return address that
includes AOL...

6104. Re: Those rechargeable akalines aa size (any good?)

Newsgroup: rec.radio.scanner
Date: 1994-11-29 13:13:34 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3bf9du$9v6@nntp.crl.com>
Source record: 264764

schuster@panix.com (Michael Schuster) wrote:
>
> In article <3bf4dr$55s@nntp.crl.com>, Flying Turtle <vhealey@crl.com> wrote:
> >I have concluded that to avoid the agrevation of swapping batteries during the
> >day it is better to use regular akaline batteries despite the cost.
> >I remember there had been some discussion of the rechargeable ones
> >npw available in the stores. What was the conclusion, were they and
> >the charger worth it?
>
> You must mean the Renewal "reuseable" alkalines from Rayovac.
>
> Yes, and you must buy the batteries and charger together - a generic
> charger, or the charging circuit within a handheld scanner will explode
> them.
>

Mike that is correct. There is a ten dollar rebate coupon on them
in this weeks newsweek.

> They give you near-alkaline performance for many cycles (the less you
> abuse them before recharge, the better they will perform).
^^^^^^^^^^^^^^^^^^^^^^^^^
>

What do you mean by abuse them? When the say Pro 43 starts blipping over battery
charge I generally pop the old set out and chuck them and start with new ones.

ki4je

6105. Alinco 580, or alternative..

Newsgroup: rec.radio.scanner
Date: 1994-11-29 14:22:14 UTC
From: WALLY@ukcc.uky.edu
Message-ID: <1707D83C6S86.WALLY@ukcc.uky.edu>
Source record: 264766
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I am looking for a ham radio to get me started into Amateur, and a friend has suggested the Alinco 580 several times due to its ability to receive a wide array of frequencies (even heard it can do 1khz to 1300 mhz?) and maybe even transmit there, but I don't see a reason for that..

Does Alinco (or anyone else) make a radio that can do these things, but is only two metre? I really don't need the dual band, unless there is a lot of action on 70cm.. The ~$380 price tag is a bit too much for me..

Thanks for your suggestions..

--- _
Walter _ //
R ⊗X/ Wally@POP.CC.UKY.EDU Wally@UKCC.UKY.EDU
Francis Francis@UKPR.UKY.EDU Francis@MIK.UKY.EDU

6106. Re: Strange (?) reception - PRO34

Newsgroup: rec.radio.scanner
Date: 1994-11-29 14:45:51 UTC
From: briskin@binah.cc.brandeis.edu
Message-ID: <3bfeqv$i7v@news.cs.brandeis.edu>
Source record: 264767

Alvin Wang mentions 'strange howling noises' coming from his Pro-37
while listening to the 800MHz frequencies...

Aha, didn't you know this was a secret 'revenge circuit' designed by the
cellular companies to ruin scanners eavesdropping on their precious
airwaves?

Seriously, tho', I had the same exact problem with my Pro-2021. Turn up
the volume, and the 'feedback' would occur. But not always, and not always
on 800MHz. It would happen on the police freq's, as well. I think it
tended to be more amplified on the 800MHz freq's because they came in
much strong. Usually I would be able to get rid of the noise by using
the extremely technical solution of turning the scanner on and off a
few times. This usually worked. Not knowing the solution, I never took
the cover off to figure out what was going on.

Jeff Briskin
briskin@binah.cc.brandeis.edu

6107. Re: Scanner vs Ham Radio

Newsgroup: rec.radio.scanner
Date: 1994-11-29 14:51:49 UTC
From: <>
Message-ID: <3bff65$9ir@wizard.uark.edu>
Source record: 264824

KWCWAN@ELECTRICAL.watstar.uwaterloo.ca (Carey Wan) writes:

>Hi,

>I am actually rookie. I just want to know what's the difference between a
>scanner and a ham radio. Are they actually the same thing?

>The second question I have is: can I use my HAM radio to make a phone call?

This is flambait, right? :-)

A scanner is a radio capable of picking up the VHF and UHF utility
bands. They used to have 4 or more crystal controlled channels, but now,
with no exceptions I can think of, they are all microprocessor-controlled.

A "HAM" radio is a radio used to talk to other "HAM"s. It may cover any
band from 1.8 to (at farthest extreme!) 300 GHz. Some VHF/UHF units are
equipped with a DTMF pad that allows licensed amateurs the use of
phone-patch-capable repeater stations.

Are you a member of VE3UOW? Waterloo's radio club is quite active ...

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

6108. For Sale: 200XLT with Cel

Newsgroup: rec.radio.scanner
Date: 1994-11-29 15:02:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.2129.3415@the-boss.com>
Source record: 264771

TO : gregp@dorsai.org
SUBJECT:For Sale: 200XLT with Cellular freqs; brand new
Newsgroups: rec.radio.scanner

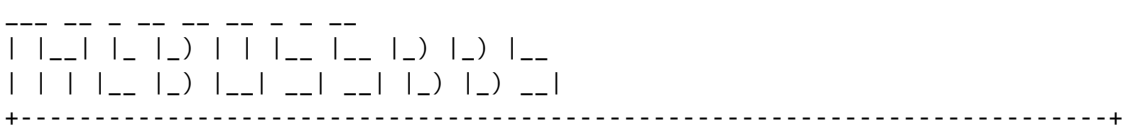
GP>I received a Uniden 200XLT as a birthday gift from my brilliant father while

Greg: How much are you asking????

> dominic.post@the-boss.com <
> f309.n2604.z1.fidonet.org <

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

+---+
Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com



6109. Mods for BC100xlt?

Newsgroup: rec.radio.scanner
Date: 1994-11-29 15:02:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.2130.3415@the-boss.com>
Source record: 264772

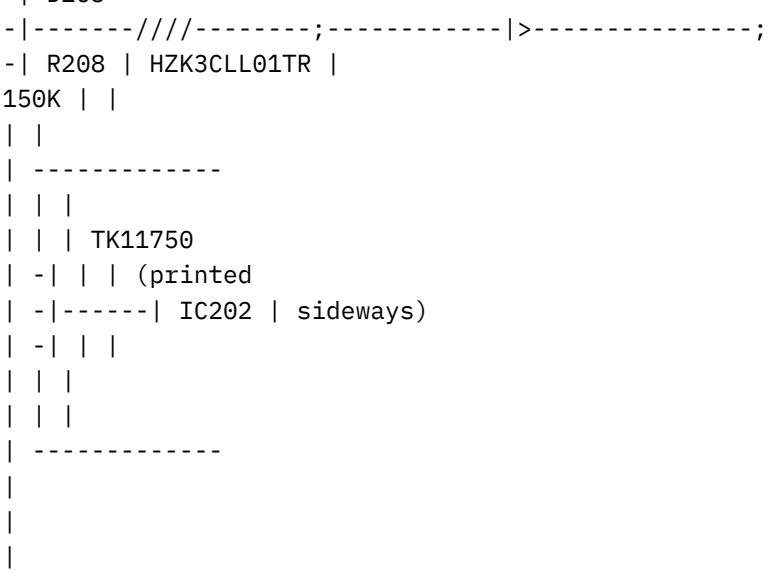
to : kermit@earth.execpc.com
Newsgroups: rec.radio.scanner

CA>Having watched this group for awhile, I'm wondering if there are any
CA>mods that can be done to the Bearcat 100xlt.

BC100XLT SHORT BATTERY LIFE SOLVED

It turns out that the batteries were not really at fault; a zener diode which determines the voltage at which the low-battery indicator would come on was defective in some units, causing the circuit to actuate prematurely. Replacing that idode and changing the value of an associated resistor pro-vides the answer.

As shown in the accompanying diagram, zener diode D203 and resistor R208 are the parts in question. D203 should be about 7 volts and R208 should be 150,000 ohms. These are miniature surface-mount devices on double- sided circuit board; if your radio is under warranty, attemping this fix yourself will void that warranty.



SHORT CUT
****THIS IS THE ONE TO USE****

Mark Machcinski of Wyandotte, Michigan, came up with hisw own solution. He simply soldered a wire bridge across diode D203, disabling the low battery indicator entirely. The

radio now operates uninterrupted until it blanks out when
the abttery level drops to about 4.5 volts.

Yet another suggestions from a Canadian reader would bridge
the original diode with a 6.8K resistor, defeating the
premature recharge signal, yet preventing the battery from
too low a discharge.

> dominic.post@the-boss.com <
> f309.n2604.z1.fidonet.org <

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

+--+
Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com

___ __ _ __ __ __ _ _ __
| |__| |_ |_) | | |__ |__ |_) |_) |__
| | | |__ |_) |__| __| __| |_) |_) __|
+--+

6110. Huntsville, AL Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-29 15:54:01 UTC
From: drinkard@wizard.msfc.nasa.gov
Message-ID: <3bfiqp$ia7@hammer.msfc.nasa.gov>
Source record: 264768

I'm looking for any Frequencies for Huntsville, AL including
the airport if possible.

E-mail me at drinkard@wizard.msfc.nasa.gov or post.

Thanks in advance

Rich

6111. Re: Alinco 580, or alternative..

Newsgroup: rec.radio.scanner
Date: 1994-11-29 15:55:30 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3bfiti$kqn@nntp.crl.com>
Source record: 264769
Cross-posted to: alt.radio.scanner,rec.radio.scanner

WALLY@ukcc.uky.edu (Walter R Francis) wrote:
>
> I am looking for a ham radio to get me started into Amateur, and a friend
> has suggested the Alinco 580 several times due to its ability to receive
> a wide array of frequencies (even heard it can do 1khz to 1300 mhz?)
> and maybe even transmit there, but I don't see a reason for that..
>
> Does Alinco (or anyone else) make a radio that can do these things, but
> is only two metre? I really don't need the dual band, unless there is
> a lot of action on 70cm.. The ~$380 price tag is a bit too much for
> me..
>
Ham radio isn't cheap anymore.

ki4je

The Alinco dj580 is a neat radio for the money.

6112. forsale pro 43

Newsgroup: rec.radio.scanner
Date: 1994-11-29 16:44:48 UTC
From: U31876@uicvm.uic.edu
Message-ID: <94333.104448U31876@uicvm.uic.edu>
Source record: 264882

Hi !
My friend has a scanner for sale, pro43 in very good condition.
MOD for cellular freq. were done 10 months, with out any complications.
He prefers someone in Chicago area.
Asking $290 or best offer.

Patty Walc

6113. FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-11-29 16:49:00 UTC
From: david.dymarcik@straycat.com
Message-ID: <9412020042031191@straycat.com>
Source record: 264778

CB'S/SCANNER'S/STEREO'S
HOME and MOBILE
ELECTRONIC'S
Deep Discount prices on
Major brand name items

Aspen 14.400 fax/modem $75.00
Uniden BC760XLT scanner $240.00
Uniden PC76XL CB $100.00
K-9 Model7 car alarm $100.00

UNIDEN COBRA BEARCAT K-9 HORNET EXCALABER URBAN SONY SOUNDWORKS

Just to name a few brands
that we carry.

For more info leave message here or
to order send check or money order
To: Dark Star Ent.
34 Jones st.
West Haven Ct.
06516

If we don't have it we'll get it.
---
* CMPQwk #1.4* UNREGISTERED EVALUATION COPY

6114. Pro-39 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-11-29 17:32:43 UTC
From: tvervaek@col.hp.com
Message-ID: <3bfojr$lmv@nonews.col.hp.com>
Source record: 264773

I have a < one year old Radio Shack Pro-39 for sale. I am the original owner and have the original box and manual. I haven't made the cell mods to this unit, but it can be done. Actually, if one is so inclined, cell can be heard very clearly on this unit at just under the regular band. Not sure why this is. I find I'm using my 2006 more and would be willing to sell this one.

I paid $299? or so for the unit and will sell it for $200/obo including shipping in the US. It's in perfect cosmetic shape. I use regular AA batteries in the unit now and they last quite a long time. This is a double-speed scan unit with 200 channels (10 banks of 20). It has the original rubber-ducky antenna which works fine in all circumstances for me.

```
( ___ )------------------------------------------------------------( ___ )
| / | Tom Vervaeke Email: tvervaek@mailhub.cs.itc.hp.com | \ |
| / | Hewlett Packard Co. Phone: 719-590-2133 | \ |
| / | Colorado Springs, CO. | \ |
| / | | \
|___| I love animals. They taste delicious. |___|
(_____)------------------------------------------------------------(_____)
```

6115. Re: Radio Shack Bashing

Newsgroup: rec.radio.scanner
Date: 1994-11-29 18:46:25 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3bg0ql$rha@newshost.lanl.gov>
Source record: 264885

Boy are you gonna get flamed. The real ones will come to you e-mail.
I have always known not everyone understands or appreciates my efforts
at humor but in this group I hit the mother lode. Retreating into my
PC non-asbestos free flame suit. Jerry

6116. Re: Radio Shack Bashing

Newsgroup: rec.radio.scanner
Date: 1994-11-29 19:00:35 UTC
From: levy@fndcd.fnal.gov
Message-ID: <1994Nov29.130035@fndcd.fnal.gov>
Source record: 264876

In article <3bf8d2$kjh@nitrogen.mankato.msus.edu>, JJENSEN@Mankato.msus.edu writes:
> In article <3aj32i$nhh@newshost.lanl.gov>, Gerald Schmitt <ggs@aerie.lanl.gov> says:
>>
>>
>>Come on folks we haven't beat up Radio Shack for several weeks now.
>>To get the ball rolling I submit their new slogan should be:
>>
>> "You have questions, We haven't got a clue."
>>
>>All other suggestions are certainly welcome.
>
> "You have questions, so do we, would you like to buy an
> extended service contract on your $19 phone? It's only
> $29.95"
>
> "You have questions. We have minimum wage part-time help."
>
> "Would you like any fries... er ah.. solder with that?"
>
> "Radio Shack- The Fast Food answer to consumer electronics."
>
> "Why yes, those are polyester ties that our staff is wearing."
>
> "Radio Shack, home of one of the best damn scanners in the
> free world (Pro-2006) and 8000 pieces of junk."
>
> "You have questions. We'll sell you a bunch of stuff."

"What were those last four digits of your phone number?"

--
==========
[Fermi National Accelerator Laboratory]
==========
[Mark E. Levy, N9RXF |]
[BitNet: LEVY@FNAL | Unix: The only computer virus]
[Internet: LEVY@FNAL.GOV | with a user interface.]
[HEPnet/SPAN: FNAL::LEVY (VMS!) | (such as it is...)]
==========

6117. Re: rochester, NY frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-11-29 19:10:19 UTC
From: frankoke@aol.com
Message-ID: <3bfuar$k4n@newsbf01.news.aol.com>
Source record: 264878

In article <3bdep0$g5i@mozo.cc.purdue.edu>, stesta@bilbo.bio.purdue.edu writes:

Look in the Ham radio section of AOL (Ham Radio) there's a section with scanning 30mhz. Found some good numbers there. Frank Okrasinski Frankoke

6118. Re: Those rechargeable akalines aa size (any good?)

Newsgroup: rec.radio.scanner
Date: 1994-11-29 19:24:45 UTC
From: schuster@panix.com
Message-ID: <3bfv5t$33s@panix3.panix.com>
Source record: 264877

In article <3bf9du$9v6@nntp.crl.com>, Flying Turtle <vhealey@crl.com> wrote:
>schuster@panix.com (Michael Schuster) wrote:
>
>> They give you near-alkaline performance for many cycles (the less you
>> abuse them before recharge, the better they will perform).
> ^^^^^^^^^^^^^^^^^^^^^^^^
>>
>
>What do you mean by abuse them? When the say Pro 43 starts blipping over battery
>charge I generally pop the old set out and chuck them and start with new ones.

If you drain them near-dead, you will get the MINIMUM number of useful
cycles out of them (25 or less). If they are drained more lightly they may
give acceptable performance (still better than nicads) for up to 100
cycles.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6119. Re: HAM Radio Forsale!

Newsgroup: rec.radio.scanner
Date: 1994-11-29 19:36:42 UTC
From: crisp@netcom.com
Message-ID: <crispD01nt6.FAJ@netcom.com>
Source record: 264879
Cross-posted to: rec.radio.scanner,misc.forsale,alt.radio.scanner

In article <1994Nov27.110035.23437@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>price@jove.acs.unt.edu (Price Charles) writes:
>: > : : There is no such ham radio as a WAYSU.
>: > :
>: > : This demands clarification. Please note this has been a post for a friend.
>: > : This was the info given to me. I'm sure there is a unit brand name at least
>: > : 'close' to what is listed.
>:
>: > Yep, it is Yaesu. Your friend gets 60% on his letter by letter spelling
>: > test. He failed.
>:
>: I think some of you people need to relax a bit and stop being so
>: goddamned picky about things.
>
>So I am not allowed to poke fun at a person who is selling an expensive
>radio, but apparently cannot even spell the name correctly?
>
>You are taking things far too seriously.
>
>Bill

Just be glad it isn't a Yupiteru he has for sale. At the rate he spells it may be an unrecognizable name once it was posted!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
In the US we have three boxes that matter, the soapbox, the ballot box, and the cartridge box. Let's effectively use the first two so we do not have to resort to the third!

6120. ICOM R1 -WARNING-

Newsgroup: rec.radio.scanner
Date: 1994-11-29 21:00:04 UTC
From: danhsu@unixg.ubc.ca
Message-ID: <3bg4ok$9n9@nnrp.ucs.ubc.ca>
Source record: 264880

There is a problem that makes the R1 nearly useless for scanning purpose. The main problem is that all frequencies above 70 MHz in FM, WFM, and AM(?) the R1 is receiving might not be the actual transmitting frequency. For example, you want to listen to a radio station at 95.3 MHz, you enter 95.3 MHz WFM (which it should be) and hear the station. Now enter 73.9 MHz (21.4 MHz lower), you will notice that it is same station. This happens throughout the frequency range (70MHz->1GHz). The main point is, you might be receiving the correct frequency or 21.4 MHz lower. Is it really the correct frequency? I had this problem with the R1 that I bought. Please confirm if other R1's have this problem.

6121. Re: ICOM R1 -WARNING- Relax

Newsgroup: rec.radio.scanner
Date: 1994-11-29 21:21:59 UTC
From: rshepard@interaccess.com
Message-ID: <rshepard.7.00117DAC@interaccess.com>
Source record: 264896

In article <3bg4ok$9n9@nnrp.ucs.ubc.ca> danhsu@unixg.ubc.ca (Dan Hsu) writes:
>From: danhsu@unixg.ubc.ca (Dan Hsu)
>Subject: ICOM R1 -WARNING-
>Date: 29 Nov 1994 21:00:04 GMT

> There is a problem that makes the R1 nearly useless for scanning
>purpose. The main problem is that all frequencies above 70 MHz in FM,
>WFM, and AM(?) the R1 is receiving might not be the actual
>transmitting frequency. For example, you want to listen to a radio
>station at 95.3 MHz, you enter 95.3 MHz WFM (which it should be) and hear
>the station. Now enter 73.9 MHz (21.4 MHz lower), you will notice that it
>is same station. This happens throughout the frequency range (70MHz->1GHz).
>The main point is, you might be receiving the correct frequency or 21.4
>MHz lower. Is it really the correct frequency? I had this problem with
>the R1 that I bought. Please confirm if other R1's have this problem.

This is a common problem with almost all scanners. It use to be considered a
"plus" in the old days. Sometimes it was referred to as the "magic number"
for getting frequencies not available through the scanners programming.

The bottom line is, this is the price you pay (along with birdies) for wide
frequency synthesized receive capability.

All but the most expensive radios will have this problem. It is not new, and
it is not unusual. In the case of your example take the frequency, subtract
10.7Mhz to get you RX injection. Since your R1 (scanner) has a wide front end
(to accommodate that wide coverage range) that same injection frequency (84.6
Mhz) will mix with the frequency 73.9Mhz. Two different frequencies were
enter via the keyboard, but the radio uses the same injection frequency for
both.

Welcome to the world of scanners! :)

6122. Re: Pro 39

Newsgroup: rec.radio.scanner
Date: 1994-11-29 21:36:28 UTC
From: mpaul@sr.hp.com
Message-ID: <3bg6ss$hsg@canyon.sr.hp.com>
Source record: 264881

ebdavidson@delphi.com wrote:
: RE: You request for PRO-39 mods - There are a couple of msg's on this
: forum which will guide you through the mod to restore the cellular band
: from 868-894 mhz. I just did mine yesterday in fact. It worked great.
: Basically you just need to dig down to the bottom circuit board, remove the
: metal shield and clip D-6. (No way in hell could I unsolder it.)
:
: P.S. Does anyone know what D-5 does??
:
: Good day - Brad

I get cell calls in the 859-865 MHz range. What's in the 868-894 range?
Just more of the same?
Mike

6123. Evansville Indiana Freqs

Newsgroup: rec.radio.scanner
Date: 1994-11-29 21:48:43 UTC
From: janderse@fraser.sfu.ca
Message-ID: <janderse.786145723@sfu.ca>
Source record: 264884

I am planning to visit my brother in Evansville IN over the Christmas holidays and I was wondering if anyone could pass along the frequencies for the local police department, and or the State Police frequencies. Thanks in advance.

Jesper Andersen
Simon Fraser University
Burnaby, B.C., Canada
janderse@sfu.ca

6124. Re: ICOM R1 -WARNING-

Newsgroup: rec.radio.scanner
Date: 1994-11-29 21:58:33 UTC
From: horak@convex.com
Message-ID: <3bg869$i39@eugene.convex.com>
Source record: 264883

In <3bg4ok$9n9@nnrp.ucs.ubc.ca> danhsu@unixg.ubc.ca (Dan Hsu) writes:

> There is a problem that makes the R1 nearly useless for scanning
>purpose. The main problem is that all frequencies above 70 MHz in FM,
>WFM, and AM(?) the R1 is receiving might not be the actual
>transmitting frequency. For example, you want to listen to a radio
>station at 95.3 MHz, you enter 95.3 MHz WFM (which it should be) and hear
>the station. Now enter 73.9 MHz (21.4 MHz lower), you will notice that it
>is same station. This happens throughout the frequency range (70MHz->1GHz).
>The main point is, you might be receiving the correct frequency or 21.4
>MHz lower. Is it really the correct frequency? I had this problem with
>the R1 that I bought. Please confirm if other R1's have this problem.

I don't know much about the R1 but this is a common "problem" with
double conversion scanners. If the R1 is double conversion (someone
else can confirm this) then what you experience is normal and to be
expected.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

6125. test1

Newsgroup: rec.radio.scanner
Date: 1994-11-29 22:34:17 UTC
From: mcbrideb@rintintin.Colorado.EDU
Message-ID: <3bga99$ant@CUBoulder.Colorado.EDU>
Source record: 264886

```
this is only a test, ...
--
This has been a Ryan Mcbride Production
```

6126. pro-39 vs. pro-62

Newsgroup: rec.radio.scanner
Date: 1994-11-29 22:49:03 UTC
From: mcbrideb@rintintin.Colorado.EDU
Message-ID: <mcbrideb.786149343@rintintin.Colorado.EDU>
Source record: 264887

I just bought the pro-39 and i am thinking about taking it back to get the pro-62. I am wondering wheather or not it is worth the extra $40. Is it just faster since it has triple conversion?? does it have more or less fregs? are either modifiable?? any help would be great, thanx!!
--
This has been a Ryan Mcbride Production

6127. Windows and OptoScan456

Newsgroup: rec.radio.scanner
Date: 1994-11-29 23:10:07 UTC
From: vontrapp68@aol.com
Message-ID: <3bgccf$nag@newsbf01.news.aol.com>
Source record: 264889

Seeing an advertisment in "Monitoring Times" for ScannerWEAR for windows. It is supposed to control OS456. Well it costs $100. I called to see if there was a demo. It costs $10 for 10 min's of use. BLAH!
Is Radio Manager the only other program out there? It's good but not quite right for me. Anything with a decent Spectrum analyzer?
Anything for a budget?
Thanks.

6128. Re: Strange (?) reception - PRO34

Newsgroup: rec.radio.scanner
Date: 1994-11-29 23:15:05 UTC
From: jmccarty@spd.dsccc.com
Message-ID: <3bgclp$j8f@sun001.dsccc.com>
Source record: 264888

In article <3bfeqv$i7v@news.cs.brandeis.edu>,
<briskin@binah.cc.brandeis.edu> wrote:
)Alvin Wang mentions 'strange howling noises' coming from his Pro-37
)while listening to the 800MHz frequencies...
)
)Aha, didn't you know this was a secret 'revenge circuit' designed by the
)cellular companies to ruin scanners eavesdropping on their precious
)airwaves?
)
)Seriously, tho', I had the same exact problem with my Pro-2021. Turn up
)the volume, and the 'feedback' would occur. But not always, and not always
)on 800MHz. It would happen on the police freq's, as well. I think it
)tended to be more amplified on the 800MHz freq's because they came in
)much strong. Usually I would be able to get rid of the noise by using
)the extremely technical solution of turning the scanner on and off a
)few times. This usually worked. Not knowing the solution, I never took
)the cover off to figure out what was going on.
)
)Jeff Briskin
)briskin@binah.cc.brandeis.edu

This is called "microphonics" and is a result of mechanical to
electrical feedback. Somewhere in the unit is something (usually a
capacitor) which changes its electrical value when stressed
mechanically. Adding foam rubber or similar vibration dampening may stop
your problem.

Mike

```
char *p="char *p=%c%s%c;main(){printf(p,34,p,34);}";main(){printf(p,34,p,34);}
```

6129. Freqs for Tarrytown, NY ?

Newsgroup: rec.radio.scanner
Date: 1994-11-29 23:58:34 UTC
From: gesman@io.org
Message-ID: <3bgf7b$8bo@ionews.io.org>
Source record: 264895

Could anyone post a freqs for the Tarrytown/North Tarrytown (NY) area please?

Also which freqs are being used by Marriott and Marriott Courtyard hotels?
Are they standart or differs from hotel to hotel?
Thanks,
--
Gleb Esman.

6130. Re: Pro 39

Newsgroup: rec.radio.scanner
Date: 1994-11-30 01:28:18 UTC
From: ebdavidson@delphi.com
Message-ID: <5i-W9Ta.ebdavidson@delphi.com>
Source record: 264890

Michael Paul <mpaul@sr.hp.com> writes:

>I get cell calls in the 859-865 MHz range. What's in the 868-894 range?
>Just more of the same?
> Mike

Mike - I also get cellular and some business and public safety in the 851-868 range. I'm not sure if it's real or an image. In any case, 868-894 is supposedly "common carrier" cellular phones. 894-896 I believe is airphone.
So-Long Brad

6131. Frequency Counter

Newsgroup: rec.radio.scanner
Date: 1994-11-30 02:27:36 UTC
From: drjose@maestro.maestro.com
Message-ID: <D026u1.Aoo@maestro.maestro.com>
Source record: 264897

Howdee folks:

Is there a way to find out the frequency of something that's
emmiting radio waves? For example, if someone is talking on a
walkie-talkie do they sell a thing that if I get close enough will let me
get the frequency? Thanks...

6132. Re: VA Hospital Police freq's

Newsgroup: rec.radio.scanner
Date: 1994-11-30 02:30:09 UTC
From: g9153402@huey.csun.edu
Message-ID: <3bgo3h$b1c@nic-nac.CSU.net>
Source record: 264891

Hiran C. Fernando (maverick@csulb.edu) wrote:
> Does anyone know what the frequencies for the VA Medical Center police
> in Long Beach, California are? I've been unable to locate any listing in
> either Police Call or Beyond Police Call.

> Thanks for your help. Feel free to reply directly to my email if you'd like.

In a frequency guide I have for L.A. County, I have listed below the
frequencies that are listed. I really haven't tried most of
these, so maybe you should try programming them all, and see
what you get. I do know, that they all aren't police frequencies,
but some may be for other uses, like for Engineering Service
dispatching a plumber to fix a leak.
Anyway, here's what I got. Sorry, I can't tell from this list,
what each frequency does, and where it broadcasts from. I do
suspect, though, that the VA Hospitals in the area, the police do
use some common frequencies:

Location Frequencies
Bell? 406.325, 409.325
(I know of no VA facilities in Bell, but it's listed as such)

Brentwood 406.325, 409.325, 168.525, 168.575
(168.525 & 168.575 may be some good bets for police frequencies)

Long Beach 155.34, 168.325, 168.525, 168.575
Long Beach 170.400, 171.387, 406.325, 409.325

Los Angeles 164.175, 164.500, 164.700, 168.525
Los Angeles 168.575, 169.300, 171.387, 406.325
Los Angeles 413.825, 417.600, 419.150,

6133. Re: pro-39 vs. pro-62

Newsgroup: rec.radio.scanner
Date: 1994-11-30 02:43:05 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D027Jt.E9C@nntpa.cb.att.com>
Source record: 264892

In article <mcbrideb.786149343@rintintin.colorado.edu>,
Pinkie <mcbrideb@rintintin.Colorado.EDU> wrote:

>I just bought the pro-39 and i am thinking about taking it back to get the
>pro-62. ....worth extra $40? Is it
>just faster since it has triple conversion?? does it have more or less fregs?
>are either modifiable?? any help would be great, thanx!!

The PRO-62 employs up-conversion, which means the first IF is
very high (257.5 MHz). It is more immune to images than scanners
with a low frequency first IF, so you won't be hearing 440 MHz
ham repeaters in the 460 MHz range or 130 MHz commercial aircraft in
the 150 MHz public safety bands.

The scanning speed has nothing to do with the number of conversion
stages.
--

==========
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6134. Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-11-30 02:47:05 UTC
From: kfinke@rocket.cc.umr.edu
Message-ID: <3bgp39$rth@hptemp1.cc.umr.edu>
Source record: 264930

Any body have any ideas for the Pro-43? I have done the car phone mod, and was just wondering if there is anything else out there to do to the Pro-43. Kinda in one of those mood, bored with it so it's time to do something new. Any ideas?
Karl

6135. Re: Strange (?) reception - PRO34

Newsgroup: rec.radio.scanner
Date: 1994-11-30 02:51:23 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D027xn.EAy@nntpa.cb.att.com>
Source record: 264893

In article <3bgclp$j8f@sun001.dsccc.com>,
Mike McCarty <jmccarty@spd.dsccc.com> wrote:

>This is called "microphonics" and is a result of mechanical to
>electrical feedback. Somewhere in the unit is something (usually a
>capacitor) which changes its electrical value when stressed
>mechanically. Adding foam rubber or similar vibration dampening may stop
>your problem.

Yes. To prevent microphonics, radio manufacturers have been known to
melt wax over critical components -- a practice used in the
synthesizer circuitry in the PRO-2022 scanner as well as old Japanese
AM/FM transistor radios of the 1960s.
--

==========
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6136. Need Help

Newsgroup: rec.radio.scanner
Date: 1994-11-30 03:23:41 UTC
From: mal3@ix.netcom.com
Message-ID: <3bgr7t$ghg@ixnews1.ix.netcom.com>
Source record: 264894

Hello Everyone...

I need some help..

I own a bearcat 2500XlT Scanner (handheld unit..)
recently i purchased a mobile home and lost reception....probably all
the metal
my problem is should i get an amplifier or and external antenna?
of course since, this is a mobile home the park has a rule of no
external antennas what can i do.. i have no crawl space (ie attic..)

i have thought of a removale car type phone antenna...

any suggestions... no i am not going to sell my mobile home....

email me back

--
>>>

6137. WANTED: Mod for ICF-SW7600

Newsgroup: rec.radio.scanner
Date: 1994-11-30 04:13:07 UTC
From: ab718@FreeNet.Carleton.CA
Message-ID: <D02Bpv.ACD@freenet.carleton.ca>
Source record: 264901

I once got a mod here for my ICF-SW7600 but now that I've got the time to make the changes, I can't find the printout.
Could you help me?

Daniel

6138. Re: Radio Shack Bashing

Newsgroup: rec.radio.scanner
Date: 1994-11-30 05:07:00 UTC
From: 5leitgeb_c@spcvxb.spc.edu
Message-ID: <1994Nov30.000700.1@spcvxb.spc.edu>
Source record: 264898

In article <1994Nov29.130035@fndcd.fnal.gov>, levy@fndcd.fnal.gov writes:
> In article <3bf8d2$kjh@nitrogen.mankato.msus.edu>, JJENSEN@Mankato.msus.edu writes:
>> In article <3aj32i$nhh@newshost.lanl.gov>, Gerald Schmitt <ggs@aerie.lanl.gov> says:
>>>
>>>
>>>Come on folks we haven't beat up Radio Shack for several weeks now.
>>>To get the ball rolling I submit their new slogan should be:
>>>
>>> "You have questions, We haven't got a clue."
>>>
>>>All other suggestions are certainly welcome.
>>
>> "You have questions, so do we, would you like to buy an
>> extended service contract on your $19 phone? It's only
>> $29.95"
>>
>> "You have questions. We have minimum wage part-time help."
>>
>> "Would you like any fries... er ah.. solder with that?"
>>
>> "Radio Shack- The Fast Food answer to consumer electronics."
>>
>> "Why yes, those are polyester ties that our staff is wearing."
>>
>> "Radio Shack, home of one of the best damn scanners in the
>> free world (Pro-2006) and 8000 pieces of junk."
>>
>> "You have questions. We'll sell you a bunch of stuff."
>
> "What were those last four digits of your phone number?"
>
> --
> ==
> [Fermi National Accelerator Laboratory]
> ==
> [Mark E. Levy, N9RXF |]
> [BitNet: LEVY@FNAL | Unix: The only computer virus]
> [Internet: LEVY@FNAL.GOV | with a user interface.]
> [HEPnet/SPAN: FNAL::LEVY (VMS!) | (such as it is...) >
==
You've got questions, and (if they're not too difficult) we
have answers!!

6139. Railroad End of Train Xmitter Data Wanted!

Newsgroup: rec.radio.scanner
Date: 1994-11-30 05:50:20 UTC
From: pfferris@aol.com
Message-ID: <3bh3qs$1cp@newsbf01.news.aol.com>
Source record: 264900

Greetings,

This might be a bit esoteric or inappropriate, but I'll ask anyhow... does anyone here know the frequency and gorry details of the End of Train xmitters? Is it simply a beacon (X.25 packet, or what?), what is/are some common freq(s)? Hint: I'm in Union Pac territory (<sigh!> used to be KATY and MoPac Country... If I ever seriously start to model, I'll remember the KATY I think...!). What type of data is xmitted by these things? Just saying "Yeah I'm still here..." or other data. I imagine these would have to be fairly low power so that the engine CAN'T receive it from 100 miles away! :-) Or am I wrong in presuming their primary purpose is to inform the crew that the "last car" IS still the last car?

Sorry if this has been beaten to death in recent history, just getting a reliable newsfeed again!

Please send any replies to:
pferris%mohawk.uucp@drd.com <Preferred Address!>
or pfferris@aol.com - but prefer the above address first!

--Pete Ferris, N5KBD

6140. Re: ICOM R1 -WARNING-

Newsgroup: rec.radio.scanner
Date: 1994-11-30 05:54:08 UTC
From: jeang@freenet.vancouver.bc.ca
Message-ID: <3bh420$bvt@freenet.vancouver.bc.ca>
Source record: 264899

David Horak (horak@convex.com) wrote:
: In <3bg4ok$9n9@nnrp.ucs.ubc.ca> danhsu@unixg.ubc.ca (Dan Hsu) writes:

: >For example, you want to listen to a radio
: >station at 95.3 MHz, you enter 95.3 MHz WFM (which it should be) and hear
: >the station. Now enter 73.9 MHz (21.4 MHz lower), you will notice that it
: >is same station. This happens throughout the frequency range (70MHz->1GHz).

I do not have that problem with my SR2 (half 2-meter transceiver, half
25-950Mhz scanner). I did the above test and it passed. I know my sr2
scanner half to be fairly close to the R1. The specs for both receivers
say Triple conversion (266Mhz, 10.7 Mhz, 455Khz).

: I don't know much about the R1 but this is a common "problem" with
: double conversion scanners. If the R1 is double conversion (someone
: else can confirm this) then what you experience is normal and to be
: expected.

I have the R1 specs here. Says triple conversion.

Jean Gagnon

6141. Re: Radio Shack Bashing

Newsgroup: rec.radio.scanner
Date: 1994-11-30 07:15:33 UTC
From: dctrhappy@aol.com
Message-ID: <3bh8ql$2jp@newsbf01.news.aol.com>
Source record: 264902

In article <3bf952$kjh@nitrogen.mankato.msus.edu>,
JJENSEN@Mankato.msus.edu (Joel Jensen, KF0VB) writes:

:2. Get a sense of humor-- you'll need it with a return address that
: includes AOL

-I guess she's right cuz I don't get that....

Sigh.

6142. US Spectrum Allocation - LONG POST!

Newsgroup: rec.radio.scanner
Date: 1994-11-30 09:54:22 UTC
From: mulligan@ACM.ORG
Message-ID: <3bhi4f$411@hopper.acm.org>
Source record: 264908

I don't like long posts; I don't care for periodic postings; but ...

MP> I get cell calls in the 859-865 MHz range. What's in the 868-894 range?
KW> ... wondering what I may be missing ... with the gaps in the coverage?
RF> What or who uses 800Mhz?
AM> Does anybody know what these frequencies are ...

... it looks like time to post the allocations file.
/* barry /&

---

fcc.allocations FCCTBL.TXT
/pub/hamradio/docs/misc Hamnet Lib 2
oak.oakland.edu CompuServe
[mulligan@acm.org] [70035,140]

September 1994
November 1994 |

FCC Frequency Allocations

A summary of the FCC Table of Frequency Allocations, based on
the Oct '93 Code of Federal Regulations - 47 CFR 2.106

30 - 50 MHz: FM @ 20 kHz steps
30.000 - 30.560 US Government
30.560 - 31.980 Business / Industry / Forestry
31.990 - 32.000 Public Safety
32.000 - 33.000 US Government
33.000 - 33.100 Public Safety
33.120 - 33.400 Business / Petroleum
33.420 - 34.000 Fire
34.000 - 35.000 US Government
35.020 - 36.000 Business / Paging
36.000 - 37.000 US Government
37.020 - 37.420 Police / Local Govt
37.460 - 37.860 Power, Water, Pipeline
37.900 - 38.000 Highway Maint / Special Emergency
38.000 - 39.000 US Government
39.020 - 40.000 Police / Local Govt
40.000 - 42.000 US Government
42.020 - 42.940 State Police
42.960 - 43.680 Business / Paging
43.700 - 44.600 Transportation - bus, truck
44.620 - 45.060 State Police / Forestry Conservation
45.080 - 45.860 Police / Local Govt / Highway Maint

45.900 - 46.040 Police / Emergency
46.060 - 46.500 Fire
46.520 - 46.580 Local Govt
46.610 - 46.970 Cordless Phones - base (20/40 kHz steps)
47.020 - 47.400 Highway Maint
47.440 - 47.680 Industry / Emergency
47.700 - 49.580 Industry
49.670 - 49.990 Cordless Phones - handset (irregular steps)

50 - 150 MHz
50.000 - 54.000 Amateur (6-meter)
54.000 - 72.000 Broadcast TV chs 2-4 (6 MHz steps - FMw)
72.000 - 76.000 (various)
76.000 - 88.000 Broadcast TV chs 5-6 (6 MHz steps - FMw)
88.000 - 108.000 FM Broadcast (200 kHz steps - FMw)
108.000 - 118.000 Aero - navigation
118.000 - 136.000 Aero - communications (25 kHz steps - AM)
136.000 - 138.000 Satellite
138.000 - 144.000 US Government
144.000 - 148.000 Amateur (2-meter)
148.000 - 150.800 US Government

150 - 162 MHz: FM @ 15 kHz steps
150.815 - 150.965 Auto Emergency
150.995 - 151.595 Highway / Forestry / Industry
151.625 - 151.955 Business (30 kHz steps)
152.030 - 152.240 Mobile phone (Base) / Page (30 kHz steps)
152.270 - 152.450 Taxi (Base)
152.510 - 152.840 Mobile phone (Base) / Page (30 kHz steps)
152.870 - 153.725 Industry
153.740 - 154.445 Fire / Govt (mobile)
154.452 - 154.482 Industry (telemetry) (7.5 kHz steps)
154.490 - 154.625 Industry
154.650 - 156.240 Police / Govt / Emrgncy / Hwy
156.025 - 157.425 Maritime (ship) (25 kHz steps)
157.470 - 157.515 Auto Emergency
157.530 - 157.710 Taxi (mobile) / Business
157.770 - 158.100 Mobile phone (mobile) / Page (30 kHz steps)
158.130 - 158.460 Industry
158.490 - 158.700 Mobile phone (mobile) / Page (30 kHz steps)
158.730 - 159.210 Police / Govt / Highway
159.225 - 159.465 Forestry Conservation
159.495 - 160.200 Transportation - bus, truck
160.215 - 161.610 Railroad
160.625 - 160.950 Maritime - Coast (25 kHz steps)
161.640 - 161.760 {Broadcast Pickups
161.500 - 162.025 {Maritime - Coast (25 kHz steps)

162 - 450 MHz
162.025 - 174.000 (various, mainly US Government)
174.000 - 216.000 Broadcast TV chs 7-13 (6 MHz steps - FMw)

216.000 - 218.000 Maritime - AMTS, coast (25 kHz steps)
218.000 - 219.000 IVDS - Interactive Video & Data
219.000 - 220.000 Maritime - AMTS, ship (25 kHz steps)
220.000 - 221.000 (Private land Mobile) - base (5 kHz steps)
221.000 - 222.000 (Private land Mobile) - mobile(" " ")
222.000 - 225.000 Amateur (1.25-meter)
225.000 - 400.000 US Government - Aero (AM)
400.000 - 406.000 US Govt - Meteorological / Space
406.000 - 420.000 US Government
420.000 - 450.000 Amateur (70cm) / military radar / radiolocation

450 - 460 MHz: FM @ 25 kHz steps (450-455 base, 455-460 mobile)
450.050 - 450.925 Auxiliary Broadcasting
451.025 - 452.025 Industry
452.050 - 452.500 Taxi / Industry / Transport
452.525 - 452.600 Automobile Emergency
452.625 - 452.950 Transportation - Trucks / Railroad
452.975 - 453.000 Relay Press
453.025 - 453.975 Local Govt / Public Safety
454.025 - 454.650 Mobile Telephone
454.675 - 454.975 Mobile Telephone Air (ground)
455.050 - 455.925 Auxiliary Broadcasting
456.025 - 457.025 Industry
457.050 - 457.500 Taxi / Industry / Transport
457.525 - 457.600 {Maritime - shipboard repeater (mobiles @ 467.xxx)
{Business - low power
457.625 - 457.950 Transportation - Trucks / Railroad
457.975 - 458.000 Relay Press
458.025 - 458.975 Public Safety / Local Govt
459.025 - 459.650 Mobile Telephone
459.675 - 459.975 Mobile Telephone Air (airborne)

460 - 470 MHz: FM @ 25 kHz steps (460-465 base, 465-470 mobile)
460.025 - 460.550 Police / Public Safety
460.575 - 460.625 Fire
460.650 - 460.875 Business - Airport use
460.900 - 461.000 Business - Central Alarms
461.025 - 462.175 Business
462.200 - 462.525 Manufacturers / Industry
462.550 - 462.725 GMRS (12.5 kHz steps)
462.750 - 462.925 Business (paging)
462.950 - 463.175 MED (Ambulance/Hospital)
463.200 - 465.000 Business
465.025 - 465.550 Police / Public Safety
465.575 - 465.625 Fire
465.650 - 465.875 Business - Airport use
465.900 - 466.000 Business - Central Alarms
466.025 - 467.175 Business
467.200 - 467.525 Manufacturers / Industry
467.550 - 467.725 GMRS (25 kHz steps)
467.750 - 467.925 {Business (2w, telemetry)

467.750 - 467.825 {Maritime - shipboard (rptr at 457.xxx)
467.950 - 468.175 MED (Ambulance/Hospital)
468.200 - 469.975 Business

470 - 806 MHz: 6 MHz per channel, wide FM audio
470.000 - 512.000 {Broadcast TV, chs 14-20
{Large Metro Public Safety (25 kHz steps - FM) |
512.000 - 806.000 Broadcast TV, Chs 21-69

806 - 896 MHz: FM @ 25 kHz steps (mobile 806-851, base 851-896)
806.0125- 809.7375 General - conventional |
809.7625- 810.9875 General - single channels |
811.0125- 815.9875 General - trunked |
816.0125- 820.9875 SMR - trunked |
821.0125- 823.9875 Public Safety - trunked (12.5 kHz steps) |
824.040 - 834.360 Cellular Telephone (30 kHz steps)
834.390 - 835.620 Cellular Telephone (data) (30 kHz steps)
835.650 - 848.970 Cellular Telephone (30 kHz steps)
849.000 - 851.000 Aircraft Telephone (6 kHz steps - AM)
851.0125- 854.7375 General - conventional |
854.7625- 855.9875 General - single channels |
856.0125- 860.9875 General - trunked |
861.0125- 865.9875 SMR - trunked |
866.0125- 868.9875 Public Safety - trunked (12.5 kHz steps) |
869.040 - 879.360 Cellular Telephone (30 kHz steps)
879.390 - 880.620 Cellular Telephone (data) (30 kHz steps)
880.650 - 893.970 Cellular Telephone (30 kHz steps)
894.000 - 896.000 Aircraft Telephone (6 kHz steps - AM)

896 - 1300 MHz:
896.000 - 901.000 SMR/Business/Industry - mobile (12.5 kHz steps)
901.000 - 902.000 Personal Communications Services
902.000 - 928.000 Amateur (33cm) / various secondary
928.000 - 929.000 ()
929.000 - 930.000 paging
930.000 - 931.000 Personal Communications Services - base
931.000 - 935.000 ()
935.000 - 940.000 SMR/Business/Industry - base (12.5 kHz steps)
940.000 - 941.000 Personal Communications Services - base
941.000 - 960.000 ()
960.000 -1215.000 Aeronautical navigation
1215.000 -1240.000 US Govt - Radiolocation / Space
1240.000 -1300.000 Amateur (23cm)

6143. Re: Railroad End of Train Xmitter Data Wanted!

Newsgroup: rec.radio.scanner
Date: 1994-11-30 09:56:10 UTC
From: mulligan@ACM.ORG
Message-ID: <3bhi7q$412@hopper.acm.org>
Source record: 264909

End of Train Monitors xmit on 457.9375 MHz with 2 watts for most railroads
(Norfolk Southern uses 161.115 MHz). They xmit approx. every 40 seconds,
sending brake pressure and movement indication.
/* barry /&

6144. Re: (Q)/newby/Trident

Newsgroup: rec.radio.scanner
Date: 1994-11-30 11:25:19 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <786194719snz@javiaton.demon.co.uk>
Source record: 264910

In article <costello-2211942110530001@199.3.131.108>
costello@attain.com "Michael E. Costello" writes:

> Can anyone supply some info on the TR 2400 or the TR 1200 XLT from Ace?
> I'm looking at those as well as the Pro 51.
>

"Trident" badged radios are manufactured by the same Company who
previsouly sold their equipment to AOR & FAirmate.

Problems with Quality Control and AOR's desire to go elsewhere
for production in Japan and distribution in the USA resulted in
their range of scanners "changing name".

The TR1200 is the same radio that was previsouly sold in the USA
as the AR1000XLT (It is still sold as the AR2000 here in the UK
but is also available as the Camnis 10). Coverage is 500KHz -
1300MHz no gaps (although new ones in the States may have celluar
deleted I'm not sure ?). 1000 channels with AM/NFM/WFM on any
frequency. It has the facaility to lock out specific frequencies
when searcing (birdies, data etc).

The TR2400 (also known as the Camnis 50) is a sort of follow on
to the AR1500 & AR1000 and I assume came about as competition to the
Yupiteru 7100. It was offered to AOR but they turned it down and
went on to produce the AR8000 elsewhere. It has continous coverage with the
additional feature of a BFO for SW. Overall the TR2400 is improvement
over the AR1500 and also has the capabilty to tune in 1kHz steps.
Coverage is 500KHz - 2060MHz with AM/NFM/WFM & SSB on any
frequency. 1000 channels.

Both the 1200 & 2400 have quite complex operating proceedures
although like many things once mastered they are not too bad
however it can be a long winded set of key pushes to get where you want.

If you are not bothered about SW/SSB (I guess not) then I would say leave
the 2400 alone, The TR1200 will give you most things the 2400 will but
without SSB capabilities.

I can't say how they directly compare with the PRO-51 in terms of
performance as I have not had the opportunity to try one however
the '51 is lacking full UHF military airband coverage and FM broadcast
transmissions.

--
Cheers,
/--\

```
| Jonathan Clough, | |
| Javiation, | AOR - Alinco - Camnis - Commtel - Bearcat - |
| Bradford, UK | Fairmate - Icom - Sony - Lowe - Realistic - |
| Tel: +44 (0)1274 732146 | Signal - Tandy - Uniden - Yupiteru & Others |
| Compu$$erve: 100117,535 \-------------------------------------------|
| Internet : Clough@javiaton.demon.co.uk |
\-----------------------------------------------------------------------/
```

6145. AR8000 ? was (Re: ICOM R1 -WARNING- Relax)

Newsgroup: rec.radio.scanner
Date: 1994-11-30 12:27:04 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3bhr2o$fk0@nntp.crl.com>
Source record: 264903

rshepard@interaccess.com (Robert Shepard) wrote:
>
> In article <3bg4ok$9n9@nnrp.ucs.ubc.ca> danhsu@unixg.ubc.ca (Dan Hsu) writes:
> >From: danhsu@unixg.ubc.ca (Dan Hsu)
> >Subject: ICOM R1 -WARNING-

> > There is a problem that makes the R1 nearly useless for scanning
> >purpose. The main problem is that all frequencies above 70 MHz in FM,
> >WFM, and AM(?) the R1 is receiving might not be the actual
> >transmitting frequency. For example, you want to listen to a radio
> >station at 95.3 MHz, you enter 95.3 MHz WFM (which it should be) and hear
> >the station. Now enter 73.9 MHz (21.4 MHz lower), you will notice that it
> >is same station. This happens throughout the frequency range (70MHz->1GHz).
> >The main point is, you might be receiving the correct frequency or 21.4
> >MHz lower. Is it really the correct frequency? I had this problem with
> >the R1 that I bought. Please confirm if other R1's have this problem.
>

> All but the most expensive radios will have this problem. It is not new, and
> it is not unusual. In the case of your example take the frequency, subtract
> 10.7Mhz to get you RX injection. Since your R1 (scanner) has a wide front end
> (to accommodate that wide coverage range) that same injection frequency (84.6
> Mhz) will mix with the frequency 73.9Mhz. Two different frequencies were
> enter via the keyboard, but the radio uses the same injection frequency for
> both.
>
> Welcome to the world of scanners! :)
>

How does the Ar8000 ultra wide band radio fair as to this type of problem?
Particularly how bad are the birdies and how numerous are they?

ki4je

6146. Re: VHF Marine Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-30 12:43:17 UTC
From: psewell@cc-mail.pica.army.mil
Message-ID: <D02zC5.BEs@pica.army.mil>
Source record: 264797

In article <3basuh$e8e@nermal.cs.uoguelph.ca> jmichael@uoguelph.ca (Jesse S Micheals) writes:
>Hi all.
>
>I will be going on a cruise with Carnival at the end of December. The
>ship's name that I will be on is "Sensation" I was wondering if anyone
>knew of any frequencies that Carnival uses on their ships? A list or an
>ftp/gopher/www site where I might find this information would be much
>appreciated.
>
>Thanks,
>
>Jesse
>
>
>--
>==
>Jesse Michaels at = Canada....The TRUE North Strong and Free!
>The University of Guelph, = "Neither Capitalism nor Socialism can
>Guelph, Ontario, Canada = pretend to be an ideology. They are merely
>jmichael@uoguelph.ca = methods for dividing ownership and income."
> = John Ralston Saul in "Voltaire's Bastards"
> = Western...isn't that an omelette?
>==

6147. Re: Shielding pro2006

Newsgroup: rec.radio.scanner
Date: 1994-11-30 12:48:54 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <786199733snz@javiaton.demon.co.uk>
Source record: 264911

In article <J28Wl1U.gregmason@delphi.com>
gregmason@delphi.com "Gregory yea... you can call me Greg" writes:

> Hammett and Edison Inc <hamed@netcom.com> writes:
>
> >Actually, the RF components are inside metal boxes (inside the
> >plastic case) and the shielding is quite good. I wonder what sort of
> >problems you have had?
>
[snip]

You might also try "spray on" RFI screening. Don't know how well
it would work in your particular instance but spraying the inside
of the plastic case wouldn't do any harm.

--
Cheers,
/--\
Jonathan Clough,	
Javiation,	AOR - Alinco - Camnis - Commtel - Bearcat -
Bradford, UK	Fairmate - Icom - Sony - Lowe - Realistic -
Tel: +44 (0)1274 732146	Signal - Tandy - Uniden - Yupiteru & Others
Compu$$erve: 100117,535 \---
Internet : Clough@javiaton.demon.co.uk
\--/

6148. Re: ICOM R1 -WARNING-

Newsgroup: rec.radio.scanner
Date: 1994-11-30 13:03:27 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D0309r.GMJ@nntpa.cb.att.com>
Source record: 264904

In article <3bg4ok$9n9@nnrp.ucs.ubc.ca>, Dan Hsu <danhsu@unixg.ubc.ca> wrote:
> There is a problem that makes the R1 nearly useless for scanning
>purpose. The main problem is that all frequencies above 70 MHz in FM,
>WFM, and AM(?) the R1 is receiving might not be the actual
>transmitting frequency.

>... Please confirm if other R1's have this problem.

That's what is so troublesome with the Icom R1. It's plagued by
terrible selectivity, not merely simple images due to wide
front end filtering. That's a pity because it is otherwise a
neat little radio.

The R1 I borrowed heard the same 155.61 MHz police repeater on at least
a dozen other frequencies in the VHF-high band at the same time.
Same with hospital/ambulance transmissions on 155.34 MHz. One would
think the R1's local oscillators are poorly filtered and rich
in harmonics.

It's been discussed at least a dozen times before on the net, but
you may have missed it.

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6149. Introduction to Scanning

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Date: 1994-11-30 13:35:23 UTC
From: parnass@ihlpf.att.com
Message-ID: <D031r0.GvL@nntpa.cb.att.com>
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Introduction to Scanning
by Bob Parnass, AJ9S

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This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, where to get it repaired if required, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves between 49.67 and 49.99 MHz by their sensitive baby monitor intercom.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. A new law threatens to outlaw listening to cordless phones, too.

It is now illegal for companies to sell recently manufactured scanners which cover or can be easily modified to cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have enacted their own laws against listening to cordless phones. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend many of the AOR brand scanners.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and

usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners almost always provide more audio than portables, and portables are usually more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band. Usage of the 800 - 950 MHz band is growing fast and you will miss out on the action unless your scanner covers this band.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio specifically designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to many scanner owners.

Currently, the more popular scanners include the Uniden/Bearcat B760XLT (a/k/a 950XLT) and Radio Shack PRO- | 2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a | 205XLT), 220XLT, and Radio Shack PRO-43 portables. A | number of owners report problems with the Icom R1 and the | Uniden/Bearcat 8500XLT and 2500XLT. New Uniden replacement | models, the 9000XLT and 3000XLT, will be available soon.

Considered by many as the best scanner ever made, the 400 channel Radio Shack PRO-2006 has recently been replaced by the 1000 channel PRO-2035. The portable Radio Shack PRO-62 | is a good performer.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be somewhat more prone to lightning strikes because they are not at "DC ground."

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Wal-Mart, K-Mart, Service Merchandise, and Circuit City sell scanners, but carry just a few models. Department stores, like Sears Roebuck and Montgomery Wards, sometimes offer low end scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- Marymac Distributing (Katy, TX) sells Radio Shack scanners at discount, but charges a 20% restocking fee for returned merchandise. Telephone (800)231-3680 and (713)392-0747.

- Scanner World (Albany, NY). Telephone (518)436-9606.

Beware of inflated "shipping and handling" charges and be sure to include these when comparison shopping.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, garage sales, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or

enhance its performance. Be warned this usually voids your warranty. By federal regulation, new scanner models cannot | be easily modified to tune the cellular phone bands. |

Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

KD4MOJ maintains a scanner modification server for people without FTP access. You can request a list of scanner modifications by sending electronic mail with the words GET INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove Enterprises for about $25. This single edition contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA, tel. (508)655-6300) for some regions. |

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. It will likely disappoint experienced scanner hobbyists and is better suited for beginners. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on CDROMs. You can buy the full license information for a multi state region or a less detailed license

database covering the the entire USA on CDROM for about $100. The new PerCon Spectrum CDROM sells for $29 and | contains a handful of fields for every FCC license in the | US. It works well.

Grove enterprises sells FCC license information on CDROM | for $100. The fields are similar to PerCon's Spectrum | CDROM, but the transmitter and licensee location are | intermixed which makes query results confusing. The first | release has problems with mistakes in the data and | documentation, and I look forward to a new release to | correct these shortcomings.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

As I have already done for dozens of radio enthusiasts in | several states, I will locate FCC licensed and selected FAA | transmitter sites in an area of your choice, and produce a | custom color map. I call this new innovation RadioMap(TM) | service. It allows you to identify antenna sites | (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of | interest -- from VLF through microwave. |

This is completely different from the limited maps | displayed on the Grove Enterprises CDROM. Through a new | licensing arrangement with a professional mapping company, | RadioMap shows detailed streets, railroads, rivers, and | cities. Ham radio stations are not shown as they would | clutter the RadioMap. RadioMap includes key sheets which list frequencies, callsigns, and licensee names. In rural areas, ranges of up to 10 miles are possible, while ranges of 1/2 to 3 miles produce best results in urban cities.

I will produce custom color 8-1/2" by 11" RadioMap reports, | suitable for framing or laminating, for areas in any of the | 50 states. Send $19.95 for each color RadioMap, your name, address, and telephone number, along with center location | (nearest intersection of 2 streets, or latitude & | longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL | 60543. tel. 708-554-3839 6-10 PM central time.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded, attenuating cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. Rick Christian advises these strict rules for the AOSCNet Scanner Radio Echo (as of 2/1/94):

1. No discussion of cellular modifications or discussions on how to monitor cellular transmission.
2. No discussions on topics which would violate the ECPA '84, TDDRA '93, (18 USCA 2510 et seq.) or Communications Act 1934 & 1984 as amended (47 USCA 705), i.e., decoding/reception of paging, cellular, encrypted stuff, descrambling etc..
3. No Aliases.
4. No discussion of Shortwave or Amateur Radio material (except SAREX).

For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is the foremost club for scanner radio hobbyists in the northern Illinois area. CARMA was formed from the Chicago chapter of the Radio Communications Monitoring Association (RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays at area restaurants, about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about 4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members sometimes sell radio equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year subscription is available by mailing a $10 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Many CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for the remainder of | 1994 and 1995. All meetings will be held on Saturdays at | locations announced in advance.

December 10, 1994 - Philly's Restaurant, Rt 83 & 63rd St., |
Willowbrook, IL |
February 18, 1995 |
April 15 |
June 17 |
August 19 |
October 14 |
December 16 |

Bring a notebook and your appetite.
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6150. How to Find Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-11-30 13:35:37 UTC
From: parnass@ihlpf.att.com
Message-ID: <D031rE.Gwy@nntpa.cb.att.com>
Source record: 264906
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed November 30, 1994 |

HOW DO YOU FIND THESE SCANNER FREQUENCIES?

by Bob Parnass, AJ9S

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I am often asked, "How do you find these frequencies?" Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books

The most convenient source of fire and police frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores for under $10. Police Call is basically a computer printout of FCC license information in the fire, police, local government, and conservation services in two lists: by licensee name within state, and by frequency. Later editions have included a few pages of local airport and nonsensitive federal government frequencies.

I highly recommend Richard Barnett's 1992 book, Monitor America, published by Scanner Master Corp., and available from Grove Enterprises for about $25. This second edition is crammed full of police, fire, local government, news media, sports, national park, and commercial broadcast frequencies for all 50 states. The information was compiled mainly from members of the world's largest scanning club, the Radio Communications Monitoring Association (RCMA). Monitor America contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.

Beyond Police Call, available from several sources including Radio Shack, covers the business, schools, and other stations not covered by Police Call, its sister publication. One volume covers the entire USA, but no call signs are shown.

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide. The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $20. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is the best book in print for this difficult to obtain information.

A more accurate, but smaller and less comprehensive book is Midwest Federal Frequency Directory. It was published in 1986, and copies are getting scarce. Copies may still be available for $10 from Scan America.

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells information on CDROM for $100 | instead. The fields are similar to PerCon's Spectrum CDROM | (see below), but the transmitter and licensee location are | intermixed which makes query results confusing. The first | release has problems with mistakes in the data and | documentation, and I look forward to a new release to | correct these shortcomings.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The new PerCon Spectrum CDROM sells | for $29 and contains a handful of fields for every FCC | license in the US. It works well.

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

As I have already done for dozens of radio enthusiasts in | several states, I will locate FCC licensed and selected FAA | transmitter sites in an area of your choice, and produce a | custom color map. I call this new innovation RadioMap(TM) | service. It allows you to identify antenna sites | (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood,

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I will produce custom color 8-1/2" by 11" RadioMap reports, | suitable for framing or laminating, for areas in any of the | 50 states. Send $19.95 for each color RadioMap, your name, address, and telephone number, along with center location | (nearest intersection of 2 streets, or latitude & | longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL | 60543. tel. 708-554-3839 6-10 PM central time.

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)1. Only 12 of the 21 information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau", indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'2.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information is marked 'unclassified', but all fields are furnished, including some which indicate security related usage. Grove sold this set of 33 microfiche cards for about $13.

Two way radio equipment formerly used by the armed forces often appears for sale at hamfests. Less often, Secret Service and FBI radios appear there from time to time, too. When you see such equipment, look over the radio for a frequency label and write down the frequencies stamped on

the crystals or channel elements. Make note of any service or property tags which specify the agency or military base which used the equipment.

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

Since the early 1960s, I had been an amateur radio operator, and belonged to amateur radio clubs, but I never realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road
Springfield, OH 45503

Do Your Own Sleuthing

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the

taking - without hassle.

More about sleuthing will be discussed in Part II of this article.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

Part I of this series discussed how scanner enthusiasts can obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

What Makes Station Identification Difficult?

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters. Police and fire departments, especially those with trained radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information.

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find Dymo or P-Touch tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I examined a military manpack radio being used by dispensary paramedics. The radio's tuning dial was set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored personnel carriers at the local county fair, each equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM radio had a set of channel select pushbuttons, much like those in a car radio. I asked a guardsman a few questions about the radio, and he demonstrated the channel preset feature. A panel above the channel pushbuttons was labeled with the frequencies: 32.055, 34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at the Marseilles armory "open house". The public was permitted to climb aboard, and observe the instrumentation and radio gear. A channel plate on the instrument cluster listed over a dozen frequencies.

Hobbyists are urged to exercise a modicum of restraint and good judgement. In New Jersey, a radio technician/hobbyist called to service a transmitter in a county building, noticed a new unattended repeater installation in the same room. Being curious about what frequency this repeater was on, he opened the access door to copy the frequencies from the radio's crystals. It turns out that this radio belonged to the US Secret Service, and opening the access door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's permission to tamper with that equipment.

Another source of frequency information is as close as your nearest Radio Shack store. Some Radio Shack stores make a local frequency list available to assist their scanner customers. Be sure to ask. Stores located in shopping malls almost always know the mall security frequencies. I often check the frequencies programmed into the floor model scanners, too.

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's

"search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the Radio Shack PRO-2035, ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

How Can I Determine To Whom I'm Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot easier for me, and legal for them! (one may use FCC license microfiche, described in Part I of this article, to identify stations using call letters.) Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls. A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center (XYZ is a pseudonym for the actual licensee name.)
Lisle, Illinois

I watched the driver pick up a microphone, and listened to him on my portable scanner checking back with his "base".

All the pieces fit: the "guests", the "classes", the "instructors". Mystery solved; I had been monitoring the customer training center for a large computer manufacturer. The training center has hotel rooms and dining facilities to accommodate students from out of state. As a convenience, shuttle van service is provided to local shopping malls.

Summary

Through books, government records, and radio clubs, scanner listeners can make use of frequency information compiled by others. Two-way radio users often fail to identify their transmissions properly, making it more difficult for listeners to know who they are monitoring. By examining radio equipment labeling, and monitoring and taping transmissions, scanner enthusiasts can unearth new information.

Addresses

Grove Enterprises,
PO Box 98,
140 Dog Branch Road,
Brasstown, NC 28902.
tel (704)837-9200

Official Scanner Guide,
PO Box 712,
Londonderry, NH 03053.

Scan America,
430 Garner Drive,
Suffield, OH 44260-1557

Scanner Master,
PO Box 428,
Newton Highlands, MA 02161.
telephone 1-800-722-6701.

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1. See "The Government Giveth, the Government Taketh Away",
by Richard Prelinger, in Monitoring Times, July 1982.

2. See "AFIO and the FOIA", by Bob Grove, in Monitoring
Times, September 1982.
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6151. Re: VA Hospital Police freq's

Newsgroup: rec.radio.scanner
Date: 1994-11-30 13:52:54 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D032K7.H1u@nntpa.cb.att.com>
Source record: 264907

Most frequencies used by Veterans' Administration hospitals
are allocated for federal use but not by the FCC. It's a
longshot, but you might check the GSA Federal Protective Service
frequencies if you can't find the security guards on VA frequencies.
There's a lot of commonality among federal usage in different areas
of the US, so maybe this listing of VA hospital freqs in Illinois
will help:

30.3700 klm512____us: veterans adm, veterans' hospital
[downey] (govt rcds)

40.4500 klb817____us: veterans adm, veterans' hospital
[hines] (govt rcds)

163.2500 pag call?_____us: veterans adm, veterans' hospital paging
[hines] (others)

164.1750 klb813____us: veterans adm, paging
[chicago] (B Parnass)

164.5000 kai223____us: veterans adm, veterans' hospital
[danville] (govt rcds)

164.7000 klb812____us: veterans adm, security, repeater
[chicago] (others)

166.2000 kai224____us: veterans adm, veterans' hospital security, repeater
[downey] (others)

klm531____us: veterans adm, veterans' hospital
[danville] (govt rcds)

168.0000 kai224____us: veterans adm
[chicago] (govt rcds)

klb813____us: veterans adm
[chicago] (govt rcds)

klm531____us: veterans adm, veterans' hospital, repeater
[danville] (govt rcds)

klm547____us: veterans adm, veterans' hospital
[marion] (govt rcds)

168.5250 call?_____us: veterans adm
[chicago] (govt rcds)

klm531____us: veterans adm, veterans' hospital
[danville] (govt rcds)

169.2000 klb817____us: veterans adm, veterans' hospital security
[hines] (B Parnass)

170.4750 call?_____us: unidentified: voice paging, veterans adm?, 11/10/87
[location?] (B Parnass)

171.3875 klb812____us: veterans adm
[chicago] (govt rcds)

408.4250 kaz599____us: veterans adm, veterans' hospital, paging
[hines] (B Parnass)

409.3000 klb812____us: veterans adm, voice paging, voice tape id
[lakeside] (B Parnass)

465.7375 low call?_____us: veterans adm, med surface telemetry, 10f9
[n chicago] (govt rcds)

465.8375 low call?_____us: veterans adm, med surface telemetry, 10f9
[n chicago] (govt rcds)

Here are some GSA freqs:

413.8750 kpa724____us: gsa, fed protective svc
[chicago] (magazines)

413.9500 kpa723____us: gsa
[springfield] (govt rcds)

kpa725____us: gsa, fed protective svc, guards input to 415.20
[chicago] (B Parnass)

415.2000 call?_____us: gsa, fed protective svc, id="indianapolis control"
controlling base in springfield
[springfield] (others)

kpa714____us: gsa, fed protective svc, guards
[e st louis] (govt rcds)

kpa723____us: gsa, fed protective svc, guards repeats 413.950
[e st louis] (govt rcds)

kpa725____us: gsa, fed protective svc, guards repeats 413.95
[chicago] (B Parnass)

417.6500 kha215____us: gsa, digital paging
[chicago] (B Parnass)

kha215____us: gsa
[lake zurich] (govt rcds)

kha215____us: gsa
[lockport] (govt rcds)

kha215____us: gsa
[plato ctr] (govt rcds)

You won't be able to receive these on your scanner, and they
don't look like security freqs, but folks from Georgia might
find them of interest. I found them buried in a government report:

2215.0000 call?_____us: gsa
[athens, ga] (govt rcds)

2216.0000 call?_____us: gsa
[athens, ga] (govt rcds)

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6152. Re: scanner laws in Oklahoma and Texas

Newsgroup: rec.radio.scanner
Date: 1994-11-30 15:05:31 UTC
From: jeffpmil@aol.com
Message-ID: <3bi4br$6o6@newsbf01.news.aol.com>
Source record: 264912

Here in Texas - I am not aware of any restrictions and I drive a Jeep with several prominent antennas showing in the back. I have a pro-2026.

And no problems....

Be seeing you,
No. 6

6153. Re: AR8000 Buttons on the side (what are they?)

Newsgroup: rec.radio.scanner
Date: 1994-11-30 16:22:45 UTC
From: txb00@amail.amdahl.com
Message-ID: <9411300822.AA45250@txb00-mac1.George>
Source record: 264914

In article <3bf4gj$55s@nntp.crl.com>, Flying Turtle <vhealey@crl.com> writes:
> Path: amdahl.uts.amdahl.com!amdahl.com!pacbell.com!well!barrnet.net!
> agate!howland.reston.ans.net!pipex!uunet!nntp.crl.com!usenet From:
> Flying Turtle <vhealey@crl.com>
> Newsgroups: rec.radio.scanner
> Subject: AR8000 Buttons on the side (what are they?)
> Date: 29 Nov 1994 11:49:39 GMT
> Organization: CRL Dialup Internet Access
> Lines: 5
> Message-ID: <3bf4gj$55s@nntp.crl.com>
> NNTP-Posting-Host: crl10.crl.com
>
> Ads for the ar8000 seem to show four buttons on the side.
> What is their function?
>
> ki4je
>
>

The 4 buttons are:

Top button - Function or shift

Second button - monitor (breaks squelch)

Third button - Light (both keypad and display)

Fourth button - Keypad lock

Thats it!

Ty - KE6ITD

6154. USING A CELL PHONE TO SCAN?

Newsgroup: rec.radio.scanner
Date: 1994-11-30 16:23:18 UTC
From: Tyler Harpster <TJH112@psuvm.psu.edu>
Message-ID: <94334.112319TJH112@psuvm.psu.edu>
Source record: 264913

A buddy of mine just gave me an audiovox sp-95 cell phone. It's claimed to be intermittant and does not work properly and thus the reason it was given to me. It will connect to a cell site in which I get a message saying it's not hooked up for operation. I have instructions to program it internally to set it up for operation. Are there any mods for it to make it recieve any cell calls as a plain receiver? I pulled it apart and all the chips in it have over 50 pins. It's not an easy task to work on without a lot of documentation. Any help wou ld be greatly appreciated. thanks. tyler

6155. aor8000 sources?

Newsgroup: rec.radio.scanner
Date: 1994-11-30 18:23:25 UTC
From: leoh@hardy.hdw.csd.harris.com
Message-ID: <3bifut$6qk@hawk.csd.harris.com>
Source record: 264915

Hi ... I was trying to find out where (outside the US) I can purchase an aor8000 and have it shipped to me. I have seen references to Javiation (in the UK) and Atlantic (in Canada), but no phone numbers.

Can anyone post or email those (and other possible sources) - thanks

Leonard Hinds

--
Leo.Hinds@mail.csd.harris.com Leo Hinds (305)973-5229
2101 W. Cypress Creek Rd. Ft. Lauderdale, FL 33309-1892

6156. Restore 0-25MHz on 2006 possible?

Newsgroup: rec.radio.scanner
Date: 1994-11-30 18:30:24 UTC
From: maverick@csulb.edu
Message-ID: <3bigc0$svn@garuda.csulb.edu>
Source record: 264916

I was just wondering if anyone knew if it was possible to restore the 0MHz-25MHz or 0KHz-25MHz frequency range on the RS Pro-2006. I know that the 800 MHz are restorable, but the 520MHz-760MHz (UHF tv) is not.

Thank you for your help. Feel free to reply directly to my email if you'd like.

6157. What's from 2000-3000 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-11-30 18:35:42 UTC
From: maverick@csulb.edu
Message-ID: <3biglu$svn@garuda.csulb.edu>
Source record: 264917

Does anyone know what traffic there is between 2000-3000 MHz? Is this what is called microwave? Almost all the frequency lists I've seen stop around 2000 MHz.

Thanks for your help. Feel free to email me directly.

6158. Re: Simple (?) connector question

Newsgroup: rec.radio.scanner
Date: 1994-11-30 18:37:44 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3bigpo$o7o@sparc.occ.uky.edu>
Source record: 264918
Cross-posted to: alt.radio.scanner,rec.radio.scanner

N C Schultheiss (ncschult@vela.acs.oakland.edu) wrote:
: I am using a threaded BNC connector from my roof antenna to my Pro 43. I
: cannot pickup distant signals unless I pull the connector and insert the
: copper wire from the center of the coax cable. As soon as I touch the
: braded wire to the antenna base (out side) I lose the signal and just
: get static covering the transmission. I have the braided wire cut back
: so it will not interfere with the center wire when mounted to the
: connector. Any suggestions??

You have a short somewhere in the coax between the shield and the center
conductor. I would guess the short is in the connector at the radio end
of the cable.

Use an ohmmeter to check - with cable disconnected from radio, you should
have a high resistance between center and shield. If it shows a short,
cut off the connector from the radio end and check again.

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

6159. Re: aor8000 sources?

Newsgroup: rec.radio.scanner
Date: 1994-11-30 19:30:38 UTC
From: schuster@panix.com
Message-ID: <3bijsu$err@panix3.panix.com>
Source record: 264919

In article <3bifut$6qk@hawk.csd.harris.com>,
Leo Hinds <leoh@hardy.hdw.csd.harris.com> wrote:
>
>Hi ... I was trying to find out where (outside the US) I can purchase an
>aor8000 and have it shipped to me. I have seen references to Javiation
>(in the UK) and Atlantic (in Canada), but no phone numbers.
>
>Can anyone post or email those (and other possible sources) - thanks

Javiation
Carlton Works, Carlton Street
Bradford, West Yorkshire
BD7 1DA England

Voice: 011-44-274-732146
Fax: 011-44-274-722627

clough@javiaton.demon.co.uk or 100117.535@CompuServe.COM

There is a 12 month "no quibble" warranty but (obviously) you'd have to
send the radio back to England for service. Jonathan is a friend and
fellow hobbyist ... those of us that have come to know him keep coming
back.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6160. Re: Modifications for Transmitting

Newsgroup: rec.radio.scanner
Date: 1994-11-30 20:05:58 UTC
From: mlfowler@lfs.loral.com
Message-ID: <19941130.150558.031@lfs.loral.com>
Source record: 264921

In article <3bhjd9$8u3@case.cyberspace.com>,
on 30 Nov 1994 02:16:09 -0800,
Gordon Helbert <bvl@cyberspace.com> writes:
>All scanners have whats called a local oscillator. It is used to
>mix the incomming signal down or up to the radio's filter inputs.
>This LO will radiate a very small amount of energy that can often
>be detected by another reciever. This could be considered a
>transmitter...
>
>But, no, unless the radio has the transmitter circuits inside,
>RE a Tranceiver, a scanner will not transmit.

Do scanner manufacturers give a spec for maximum power re-radiated by the first LO? Anybody know what typical values would be? Does the FCC have a regulation specifying the maximum amount of re-radiation for various classes of radio equipment?

Mark Fowler
Loral Federal Systems
Owego, NY

6161. Re: Strange (?) reception - PRO34

Newsgroup: rec.radio.scanner
Date: 1994-11-30 20:23:18 UTC
From: lrk@netcom.com
Message-ID: <lrkD03KMu.Dpr@netcom.com>
Source record: 264922

In article <D027xn.EAy@nntpa.cb.att.com>,
Bob Parnass, AJ9S <parnass@ihlpf.att.com> wrote:
>In article <3bgclp$j8f@sun001.dsccc.com>,
>Mike McCarty <jmccarty@spd.dsccc.com> wrote:
>
> >This is called "microphonics" and is a result of mechanical to
> >electrical feedback. Somewhere in the unit is something (usually a
> >capacitor) which changes its electrical value when stressed
> >mechanically. Adding foam rubber or similar vibration dampening may stop
> >your problem.
>
>Yes. To prevent microphonics, radio manufacturers have been known to
>melt wax over critical components -- a practice used in the
>synthesizer circuitry in the PRO-2022 scanner as well as old Japanese
>AM/FM transistor radios of the 1960s.

The easiest fix is to use an external speaker.

-- --
| 73, internet | lrk@k5qwb.lonestar.org |
| Lyn Kennedy | lrk@wb5nrn.cirr.com |
| pony express = P.O. Box 5133, Ovilla, TX, USA 75154 |
---Livin' on an information dirt road a few miles off the superhighway---

6162. Re: Radio Shack Bashing

Newsgroup: rec.radio.scanner
Date: 1994-11-30 20:42:59 UTC
From: gtolar@blkbox.com
Message-ID: <3bio4j$s4n@news.blkbox.com>
Source record: 264920

JJENSEN@Mankato.msus.edu wrote:

: "Radio Shack- The Fast Food answer to consumer electronics."

I like that one!

: "Radio Shack, home of one of the best damn scanners in the
: free world (Pro-2006) and 8000 pieces of junk."

Amen!

I only listed the best of here! <grin>

6163. Re: What's from 2000-3000 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-11-30 21:26:44 UTC
From: henniger@cisco.com
Message-ID: <henniger.786230804@cisco.com>
Source record: 264923

In <3biglu$svn@garuda.csulb.edu> maverick@csulb.edu (Hiran C. Fernando) writes:

>Does anyone know what traffic there is between 2000-3000 MHz? Is this
>what is called microwave? Almost all the frequency lists I've seen stop
>around 2000 MHz.

>Thanks for your help. Feel free to email me directly.

Microwave ovens (i believe) run at about 2.3 to 2.4 Ghz.

The PCS frequencies are there as well (e.g. 2.4-2.5 Ghz)

Most scanners don't go over 1.3 Ghz, with some going to 2.0 Ghz.
Above 2.0 Ghz is really rare.

Any products you guys know about?

Mick

6164. Re: pro-39 vs. pro-62

Newsgroup: rec.radio.scanner
Date: 1994-11-30 21:49:00 UTC
From: mcbrideb@rintintin.Colorado.EDU
Message-ID: <mcbrideb.786232140@rintintin.Colorado.EDU>
Source record: 264928

parnass@nwsf.ih.att.com (Bob Parnass, AJ9S) writes:

>In article <mcbrideb.786149343@rintintin.colorado.edu>,
>Pinkie <mcbrideb@rintintin.Colorado.EDU> wrote:

> >I just bought the pro-39 and i am thinking about taking it back to get the
> >pro-62. ....worth extra $40? Is it
> >just faster since it has triple conversion?? does it have more or less fregs?
> >are either modifiable?? any help would be great, thanx!!
>

>The PRO-62 employs up-conversion, which means the first IF is
>very high (257.5 MHz). It is more immune to images than scanners
>with a low frequency first IF, so you won't be hearing 440 MHz
>ham repeaters in the 460 MHz range or 130 MHz commercial aircraft in
>the 150 MHz public safety bands.

>The scanning speed has nothing to do with the number of conversion
>stages.
>--
I am new at this, obviously, so for one what is "IF"?? So if triple conversion
makes a scanner less sloppy, ie: gets less cellular bleed over, why get it ??
Mainly I want to find out the most I can about the pro-39 and pro-62 within about a week so
since the pro-62 is on sale and i could take the pro-39 back if
i determine that it is better, ie: if it is faster, if the AM/FM helps alot,
if it can also be modified to get more cellular, etc.

thanx in advance!!!

PINKIE
--
If this is a consular ship ... where's the ambassador?

6165. Florida Frequencies Please

Newsgroup: rec.radio.scanner
Date: 1994-11-30 21:57:16 UTC
From: Linehan@hps.sso.loral.com
Message-ID: <1994Nov30.215716.6203@wdl.loral.com>
Source record: 264924

Is there an FAQ for frequencies broken down by area? If not, does
anybody out there have ANY freq's for the following areas of Florida?

```
Indian River County
St. Lucie County
Ft. Pierce
Vero Beach

In the interest of band space, please send to linehan@hps.sso.loral.com

TIA
David
```

6166. HELP! - How to protect oneself from eavesdropping?

Newsgroup: rec.radio.scanner
Date: 1994-11-30 22:07:43 UTC
From: an162081@anon.penet.fi
Message-ID: <221304Z30111994@anon.penet.fi>
Source record: 264925

Hi,

I come from Eastern Europe. Recently I got a message from my parents
that there was an attempt to install eavesdropping equipment in their
apartment while they were abroad.

During communism our mail correspondence was ocasionally checked and
phone calls were taped (which we have proofs for), but there was never
any evidence of eavesdropping equipment (althought we suspected it all
the time).

My parents do not know whether any equipment has been really
installed, but there is very strong evidence for an entry into their
apartment on this very purpose.

I am not a novice to electronics, but I have no experience with
electronic surveilance, because any information of this kind was
highly classified in my country. Therefore I would like to ask several
questions:

1. What is the usual frequency, modulation and power output of
micro-transmitters used for eavesdropping? Are any special features
like going off air during silence, or even remote control, which
could significantly complicate a potential search, commonly used?
2. What is the usual size and appearance of such a thing? What are the
most common places it is placed to?
3. What is the usual methodics of looking for eavesdroping equipment?
Can you provide me with any tips to facilitate a search?
4. What kind of equipment is useful or even necessary to conduct a
search? I know that there is professional equipment for doing this,
but obtanining such equipment is out of question. Therefore I am
considering some kind of a scanner. I am now in the U.S. and
leaving for home in 10 days, so I can buy what is available there,
but I do not have much money to spend on it.

Sorry, I want to stay anonymous, because this group may be read in my
country. Answer here or to an162081@anon.penet.fi

Thank you.

-nn

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

6167. Re: Denver Colorado Frequencys

Newsgroup: rec.radio.scanner
Date: 1994-11-30 22:29:06 UTC
From: chris@tali.hsc.colorado.edu
Message-ID: <3biubiINN47i@tali.hsc.colorado.edu>
Source record: 264926

Denver/Eastern Front Range/North Central CO Expanded Edition 9410

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Updates to this list and other frequency lists are available for download from The Enterprise BBS @ 659-8294 for the metro area and 785-0217 for the Greely/Longmont/Ft. Lupton area, The King's Market BBS @ 665-6091 for the Denver Metro area and Longmont, 225-3491 in the Fort Collins/Loveland/ Wellington area and 346-3491 in the Greeley Area. Please send all e-mail correspondence to me through either of the above listed BBS systems.

Use of this information in the commission of a crime is prohibited and prosecutable by Local, State & Federal Laws. I do not assume responsibility for misuse of this information.

Due to the nature of Public Safety Communications frequencies and use are constantly changing therefore I do not assume responsibility for changes, incorrect information and omissions. Use of this list is to enhance one's use of a scanner or similar type receiver.

At the time of release of this file there are no known mobile scanning laws within the state of Colorado. However due to 'home rule' jurisdiction allowed by the state it would be wise to check on local regulation in your area.

I do not encourage anyone to "Chase" calls as you are asking for trouble with law enforcement officials and they will not hesitate to prosecute.

KEY INDEXES AND DEFINITIONS

F-# Short for channel . i.e. F-1 is the same as channel 1.
###.##### S Indicates non-repeater use. Both base and mobile stations use the same Frequency Commonly referred to as "Simplex"
PD Police Department
FD Fire Department
FPD Fire Protection District
LG Local Government. i.e. Public Works, Animal Controletc...
R-# Repeater Frequency sequence for trunked G.E. systems
M-# Mobile transmit frequencies for trunked G.E. systems for "Input Scanning"

IFB Interruptable Feed/Fold Back. TV audio feed for reporters.

NOTES FOR OCTOBER:

AURORA 800:

On October 10th Simulcasting of the two dispatch groups and the Services Group on the old UHF radio system were discontinued. The Auora Fire Department will continue to simulcast their dispatch group on 154.400 until completion of their new fire station signalling system.

DOUGLAS COUNTY FIRE:

The changeover for all of the agencies that are dispatched by the county is completed. To our knowledge all Douglas County Fire agencies except Parker and Louviers ares dispatched by the county on 151.115.

DENVER 800:

Same old same old. Intemittent crashes, consoles failing and four letter verbs over the air about system manager failures. Time to string up the equipment manufacturer in my opinion.

TANDY NEWS:

As if it were not commonly known Tandy Corporation [aka Radio Shack] had to pull all their 800 MHz scanners that were manufactured by uniden after the implementation of the TDDRA in April because of a factory test mode that included one of the Cellular frequencies announced the PRO-51 should be back in the stores this month. Tandy also released the PRO-2035 the 1000 channel successor to the PRO-2006. There have been mixed comments about the new scanner and complaints about the setup of 10 banks of 100 channels that lead to a lot of unused memory locations in cases where a bank is dedicated to a trunked radio system which will at the most use only 20 channels. Otherwise use for blocks of frequencies works well. For now anyway rampant word on the street is that Tandy will be trying to get a 400 channel triple conversion portable out by Christmas.

SEASONAL FREQUENCIES:

With the rapid approach of the winter season on us adding the highway maintenance frequencies can be very benificial while traveling or on the way to and from work. The Colorado Department of Transportation frequencies are of value when traveling the interstate highways. Here is a listing of the CDOT frequencies used for the Front Range and Summit County. 151.070, 151.085 for the Metro Area and I-70 Tunnel approaches. 151.265 for El Paso County. And 159.045 for Boulder, Larimer and Weld Counties. These frequencies are allocated statewide so these will be active in other areas of the state. For specific areas look under the area jurisdiction for which you are interested in with frequencies listed as street maintenance or city services.

CREDITS:

Somebody suggested I should do this more often so... Thanks go to
Randy Lynch for being himself. Bill Koppleman for spreading the word
on this and the echo on the Rocky Mountain Monitoring Net on 147.225
Sunday evenings at 8 P.M. Radar Kessler for the encouragement. Jim
at Mountain NewsNet for information pertaining to the reorganized Douglas
County Fire communications system and South Metro Fire communciations
system. Marshall Barry and Bob Whiston for getting the echo mess fixed.
The people who participate in the echo and who corner me in person.
And finally you who are reading this and making it worth the effort!

ADAMS COUNTY COMMUNICATIONS

[POLICE]
460.075 F-1 S.O. Dispatch
460.175 F-2 S.O./Commerce City PD Car to Car
453.350 F-3 Commerce City PD Dispatch
460.450 F-4 DATA-1 Clearances
460.125 F-5 DATA-2 Clearances
460.500 F-6 Brighton/Northglenn PD Dispatch
460.225 F-7 Brighton/Northglenn/Thornton PD Car to Car
460.275 F-8 Thornton PD Dispatch
460.425 F-9 CLEER [ALL AGENCIES]
453.625 F-10 ENTAC [ALL AGENCIES]
453.700 F-11 Special Operations PD/FD Coordination
453.300 F-12 Jail Operations
[FIRE]
460.525 F-1 South Adams/Brighton Dispatch
460.600 F-2 South Adams/Brighton Fireground
460.550 F-3 North Metro Dispatch
453.975 F-4 North Metro Fireground
460.575 F-5 Southwest Adams/North Washington Dispatch
460.375 F-6 Southwest Adams/North Washington Fireground
453.700 F-7 Special Operations PD/FD Coordination
453.625 F-8 ENTAC [ALL AGENCIES]
154.250 F-9 Bennet Dispatch
45.200 State EOC NET
46.480 North Metro Paging only
47.340
[LOCAL GOVERNMENT]
45.480 S Street Maintenance
45.640 S Animal Control
46.540
47.280
[SCHOOLS]
151.625 S COUNTYWIDE
151.655 S COUNTYWIDE
155.265 S School Dist 12 Buses
[UTILITIES]
153.590 S South Adams Couty Water and Sanitation Dist.

AIR-LIFE DENVER METRO
[AIR AMBULANCE]

123.075 S Dispatch

AIR-LIFE 911 WELD/LARIMER COUNTY
[AIR AMBULANCE]
155.400 S Dispatch [Weld County]

AKRON
[FIRE]
154.025 S Dispatch
155.340 S Washington County Hospital
[LOCAL]
46.560 S Public Works
[SCHOOLS]
155.160 S Buses
[UTILITIES]
153.485 S YW Electric Association
158.160 S YW Electric Association

ALLENSPARK FIRE
[FIRE-DISP BY BOULDER COUNTY]

ALPINE RESCUE
[RESCUE]
155.160 S Operations
155.175 S Operations
155.205 S Operations
155.235 S Operations

AMERICAN RED CROSS

47.420 S Nationwide Operations Channel [Nationwide]
47.460 S Denver Metro Operations Dispatch

AMR AMBULANCE
[VHF/UHF/800 CONVENTIONAL]
855.2625 RED Dispatch [PRIMARY]
155.2200 S GRN Status
851.2375 BLU TAC/Special Events
155.2050 S Multiple Use [DEMARC]
155.2800 S Boulder County Dispatch
155.3400 S HEAR
464.7500
464.4750
463.4500 Kaiser Link

ARAPAHOE COUNTY
[POLICE]
155.670 F-1 Dispatch
155.415 F-2 Clearances & Information.
155.055 F-3 Car to Car/Tactical
154.025 S F-4 Cherry Hills Car to Car.
155.805 F-5 Tactical
460.175 Adams County Link [Eastern County area]

155.595 District Attorney [Phone Patch]
155.475 S NLENC
155.640
460.425 S CLEER

[COURTS/JAIL FACILITIES]
856.3125 Jail/Court Security
857.3125 Jail/Court Security
858.3125 Jail/Court Security
859.3125 Jail/Court Security
860.3125 East Jail Facility
[LOCAL GOVERNMENT]
151.235 S. Suburban Parks & Rec District
155.760
155.805 Animal Control/Water.
156.045 County street maintenance.
159.450 Parks
852.4125 Airport Authority
853.4625

ARAPAHOE RESCUE
[RESCUE]
155.160 S Operations
155.235 S Operations
155.295 S Operations

ARVADA
[POLICE/LOCAL MULTI-AGENCY TRUNKED 800 G.E. EDACS SYSTEM]
Sequence # Repeater Input
R-1 866.0625 821.0625
R-2 866.7625 821.7625
R-3 867.0625 822.0625
R-4 867.3250 822.3250
R-5 868.9250 823.9250
R-6 866.3125 821.3125
R-7 867.1625 822.1625
R-8 867.8875 822.8875
R-9 868.3500 823.3500
R-10 868.6500 823.6500

TALK GROUP I.D.'s
Channel 1 Dispatch
Channel 2 Clearances
Channel 3 Undefined
Channel 4 Car to Car
Channel 5 Undefined
Channel 6 Tactical Use
SIU Investigators
ICALL Dispatch to Indivual Car
[FIRE]
453.150 F-1 Dispatch

453.550 F-2 Fireground/Admin.
154.280 S FERN

AURORA
[POLICE/FIRE/LOCAL TRUNKED 800 MOTOROLA SMARTNET-II SYSTEM]
R-1 860.9875 R-10 858.9625
R-2 860.9625 R-11 858.9375
R-3 860.9375 R-12 858.7625
R-4 860.7625 R-13 857.9875
R-5 859.9875 R-14 857.9625
R-6 859.9625 R-15 857.9375
R-7 859.9375 R-16 857.7625
R-8 859.7625 R-17 856.9875
R-9 858.9875 R-18 856.9625

Fleet I.D.'s
[POLICE]
APD-1 North Police Dispatch
APD-2 South Police Dispatch
APD-SVCS Clearances/Information/Etc
TAC-1-6 Tactical/Car To Car
VICE-1-5 Vice Bureau
[FIRE]
AFD-1 Fire Dispatch
TAC-1-6 Fireground/Tactical/Incident Command
FERN Crosslink to 154.280 FERN Intersytem.

[FIRE-VHF CROSSLINKS]
154.100 Civil Defense system
154.280 S FERN
155.340 S HEAR
[SCHOOLS]
464.775 F-1 Buses
464.975 F-2 Maintenance and Security
464.875 F-3 Operations

BENNETT
[FIRE-DISPATCHED BY ADAMS COUNTY]
154.250 F-1 Dispatch
154.280 FERN
154.265 FERN 2
[LOCAL]
152.315 S

BERTHOUD
[POLICE-DISPATCHED BY LARIMER COUNTY]
155.130 F-1 Dispatch
155.565 S F-3 Clearances
155.100 S Tactical
[FIRE]
153.965 S Dispatch
154.355 S Tac

154.280 S FERN

BLACK FOREST FPD
[FIRE]
154.325 El Paso County Dispatch
154.235 Dispatch

BLACKHAWK
[POLICE]
155.820 Dispatch
[FIRE]
154.040 S Dispatch

BOULDER CITY AND COUNTY
[POLICE]
155.145 GREEN S.O. & City Primary Dispatch
155.520 S VIOLET Clearances all agencies
155.655 YELLOW Car to Car all agencies
156.135 BLUE CITY POLICE Secondary/Overload Dispatch
155.490 S BRONZE Detectives/Car to Car
158.775 GREY Paging
155.025 GOLD C.U. Parking
155.190 SILVER C.U. Police
155.010 S BLACK
453.8125S Call Boxes
465.3125 County Jail
155.475 S NLENC
460.425 CLEER
[FIRE]
154.325 S Red 1 Dispatch
154.205 S Red 2 City Fireground
154.415 S Red 3 Fireground Direct
151.355 Red 3 Fireground Repeater
153.830 S Red 4 Fireground
153.890 S Red 5 Boulder Rural Dispatch
155.205 S Rescue
154.280 S FERN
[AMBULANCE]
155.280 S AMR Ambulance
[LOCAL GOVERNMENT]
153.860 S ORANGE City Street Maintenance
154.980 S WHITE Animal Control.
156.180 S BROWN Street Maintenance

BRIGHTON
[POLICE-SEE ADAMS COUNTY COMMUNICATIONS]
453.775 Future Use
[FIRE-SEE ADAMS COUNTY COMMUNICATIONS]
[LOCAL GOVERNMENT]
45.600 S City Services.
[SCHOOLS-ADAMS COUNTY]

464.4375 BRIGHTON

BROOMFIELD
[POLICE]
453.050 F-1 Dispatch
453.525 F-3 Information
460.425 CLEER
[FIRE-NORTH METRO FPA]
460.550 Dispatch [Adams County]
453.975 FireGround
[LOCAL GOVERNMENT]
45.140 Public Works
45.360 S City ops.
[SCHOOLS]
461.650 BROOMFIELD
468.7125 BROOMFIELD

BRUSH
[POLICE]
154.085 S Dispatch
[FIRE]
155.940 S Dispatch

CASCADE FPD
[FIRE]
154.430 Dispatch

CASTLE ROCK
[POLICE]
155.685 F-1 Dispatch
[FIRE]
151.115 Dispatch [Douglas County]
154.175 S Fireground
[LOCAL GOVERNMENT]
453.875 Public Works

CASTLEWOOD FPD
[FIRE-SEE SOUTH METRO FIRE]

CENTRAL CITY
[POLICE/FIRE]
153.845 [Gilpin County]
154.860 [Gilpin County]
155.160 S Rescue
[LOCAL GOVERNMENT]
155.895 S City Services

CHEYENNE WYOMING
[POLICE]
154.800 F-1 Dispatch
155.610 F-2 TAC
154.875 STATE INTERSYSTEM

[FIRE]
154.400 Dispatch

CHERRY HILLS
[POLICE-SEE ARAPAHOE COUNTY]
154.025 S F-3 TAC
[FIRE-SEE SOUTH METRO FIRE]

CIVIL AIR PATROL
[SEARCH & RESCUE]
148.150 PRIMARY Search & Rescue Ops Nationwide
148.125 S Simplex 1 Nationwide
143.750 S Simplex 2 Nationwide
121.500 Worldwide Air Emergency VHF
143.825 S Voice or Data
243.000 Worldwide Air Emergecny UHF
26.620 S Nationwide

CLEAR CREEK COUNTY
[POLICE/FIRE]
155.610 BLUE S.O. Dispatch
155.025 GREEN Fire /Secondary S.O. Dispatch
155.100 S TAC
[LOCAL GOVERNMENT]
155.745 County Services

COLORADO SPRINGS
[POLICE]
453.750 F-1 East Dispatch
453.850 F-2 West Dispatch
453.550 F-3 North Dispatch
453.475 F-4 Clearances/Tactical
453.300 F-5 Tactical/Detectives
[FIRE]
460.625 Dispatch
460.525 Fireground
460.575 Admin
154.130 Station Alarms
[LOCAL GOVERNMENT]
151.370 S
153.935
158.130 S Water
158.835 Power
158.895 Digital Data
159.255 S
451.475 Water
453.500 Airport Ops
453.900 Pikes Peak Ops
453.975 Pikes Peak Ops
[TRANPORTATION]
453.150 Buses

453.575 Admin/Maintenace Ops

COLORADO STATE OF
[POLICE]
45.200 S STATEWIDE E.O.C. DISASTER NET
154.665 S CSP JEFFERSON/GILPIN/CLEAR CREEK Dispatch
154.665 S CSP LAS ANIMAS/HUERFANO Dispatch
154.680 S CSP DENVER METRO TAC
154.680 S CSP DELORES/SAN JUAN/MONTEZUMA/LA PLATA/ARCHULETTA
Dispatch
154.695 CSP LOGAN/SEDGWICK/PHILLIPS Dispatch
154.695 S CSP Dist 4 Areas TAC
154.695 CSP SAGUACHE/MINERAL/RIO GRANDE/ALAMOSA Dispatch
154.695 CSP CONEJOS/COSTILLA Dispatch
154.695 S CSP DENVER METRO TAC
154.740 S CSP BOULDER Dispatch
154.755 S CSP CHEYENNE/KIT CARSON Dispatch
154.755 CSP MONTROSE/SAN MIGUEL/OURAY Dispatch
154.755 CSP JACKSON/GRAND Dispatch
154.755 S State Capital Police.
154.770 S CSP PUEBLO/CUSTER/FREMONT/CHAFFEE Dispatch
154.770 S CSP Dist 3 Areas TAC
154.800 S Limon
154.830 CSP WESTERN ARAPAHOE/DOUGLAS/WESTERN ELBERT Dispatch
154.830 CSP MOFFAT/ROUTT/WEST CENTRAL & N.E. Rio Blanco Dispatch
154.845 S CSP Dist 5 Areas TAC
154.905 S CHANNEL 3 STATEWIDE NET
154.920 S CSP WESTERN ADAMS Dispatch
154.935 S CSP WELD/LARIMER Dispatch
154.935 s CSP District 2 areas TAC
155.190 State Universities Police Denver, Boulder
155.310 S Institutions. FT. Logan & State Correctional Facilities
155.445 CSP SUMMIT/PARK Dispatch
155.445 S Elbert County
155.460 C.B.I.
155.475 S NLENC
155.505 S CSP District 6A TAC
155.550 CSP E. ADAMS/E. ARAPAHOE/CENTRAL & EASTERN ELBERT
Dispatch
155.565 S CSP GARFIELD/MESA Dispatch
155.580 CSP MORGAN/WASHINGTON/YUMA Dispatch
155.700 CSP DELTA/GUNNISON/HINSDALE/ WEST & N.W. SAGUACHE
Dispatch
155.730 S CSP CENTRAL TO S.E. RIO BLANCE/EAGLE/LAKE/PITKIN Dispatch
156.090 Department of Corrections Prison Ops Denver Metro
156.090 S CSP KIOWA/BENT/BACA/CROWLEY/OTERO Dispatch
156.210 CSP EL PASO/TELLER Dispatch
460.425 CLEER
866.0125 I-CALL Statewide interagency calling channel
866.5125 NPS-1 Statewide interagency Tactical channel 1

[TRUNKED 800 G.E. EDACS SYSTEM DENVER METRO]
Sequence # Repeater Input
R-1 866.4875 M-1 821.4875
R-2 867.4875 M-2 822.4875
R-3 868.4875 M-3 823.4875
R-4 866.9875 M-4 821.9875
R-5 867.9875 M-5 822.9875

[DEPARMENT OF TRANSPORTATION]
151.070 Denver Metro, Douglas, Elbert.
151.085 Denver Metro, Eisenhower Tunnel.
151.265 Colo Springs, Pueblo, Other areas
159.045 Weld,Larimer,Morgan,Boulder
854.3125 Denver Metro, Highway Paving and Construction Crews
[LOCAL GOVERNMENT]
45.240 S State Forests.
45.280 S State Forests.
72.080 S
72.200 S
155.040 S
453.200 State Universities maintenance
854.4625
[UNIVERSITIES]
155.025 CU Boulder Parking Enforcement
155.190 CU Boulder Police
453.200 UNC Greeley Police/CU Boulder Ops and Paging
453.400 UNC Greeley
453.400 CSU Fort Collins Operations
460.050 CSU Fort Collins Police
460.150 CSU
854.9625 University Hospital Denver Police.

[UNIVERSITY OF COLORADO AT DENVER TRUNKED 800 MOTOROLA SMARTNET-II SYSTEM]
T-1 868.4625
T-2 867.9625
T-3 867.4625
T-4 866.9625
T-5 866.4625
[STATE PARKS & WILDLIFE]
151.145 F-1 Western Slope
151.175 F-2 Southern Colorado
151.190 F-3 N.E. Colorado [Denver/Fort Collins Division]
151.280 TAC-1 Also Cherry Creek State Park
151.370 TAC-3 Also Chatfield State Park
151.430 TAC-4 Golden Gate State Park

COMMERCE CITY
[POLICE-See Adams County Communications]
[FIRE-See Adams County Communications]
[LOCAL GOVERNMENT]
45.720 S Street Dept

45.440 S Public Works

CUNNINGHAM F.P.D.
[FIRE-SEE SOUTH METRO FIRE]

DACONO
[POLICE-SEE WELD COUNTY]
460.325 S Tactical "City Channel"
[FIRE-SEE BOULDER COUNTY FIRE/MOUNTAIN VIEW FIRE]

DENVER CITY AND COUNTY
[POLICE/FIRE TRUNKED 800 G.E. EDACS SYSTEM]

Sequence # Repeater Input
R-01 854.9875 809.9875
R-02 855.4875 810.4875
R-03 855.9875 810.9875
R-04 856.4875 811.4875
R-05 857.2375 812.2375
R-06 857.7375 812.7375
R-07 858.4875 813.4875
R-08 859.2375 814.2375
R-09 859.7375 814.7375
R-10 860.4875 815.4875
R-11 855.2375 810.2375
R-12 855.7375 810.7375
R-13 856.2375 811.2375
R-14 856.7375 811.7375
R-15 857.4875 812.4875
R-16 858.2375 813.2375
R-17 858.7375 813.7375
R-18 859.4875 814.4875
F-19 860.2375 815.2375 R2R-1
F-20 860.7375 815.7375 R2R-2

TALK GROUP I.D.'s:
DISPATCH 1 Dist 1 Northwest Dispatch
TAC 1 [Sub Group] Dist 1 Tactical
CARTOCAR 1 [Sub Group] Dist 1 Car to Car
DISPATCH 2 Dist 2 North Central Dispatch
TAC 2 [Sub Group] Dist 2 Tactical
CARTOCAR 2 [Sub Group] Dist 2 Car to Car
DISPATCH 3 Dist 3 Southeast Dispatch
TAC 3 [Sub Group] Dist 3 Tactical
CARTOCAR 3 [Sub Group] Dist 3 Car to Car
DISPATCH 4 Dist 4 Southwest
TAC 4 [Sub Group] Dist 4 Tactical
CARTOCAR 4 [Sub Group] Dist 4 Car to Car
DISPATCH 5 Dist 5 Northeast
TAC 5 [Sub Group] Dist 5 Tactical
CARTOCAR 5 [Sub Group] Dist 5 Car to Car
DISPATCH 6 MULTIPLE USE

CITYWIDE [Sub Group] Car to Car all Districts
CLEARANCE1 All Districts Clearances
CLEARANCE2 All Districts Clearances
FIRE 1 Fire Dispatch
FIRE 2 Fireground
FIRE 3 Fireground
FIRE 4 Fireground
RADIO TO
RADIO # Fireground Simplex
DA 1-? District Attorney
JAIL 1-? Denver County Jail
NARC 1-4 Intel Bureau
SUPER 1-5 Supervisior Car to Car
VICE 1-? Vice bureau
CTF 1-? Classified Use
CAR Car to Car simplex
CITYWIDE General Car to Car
ICALL [Sub Group ALL] Dispatch to Individual car or
Individual car to car [Selective calling]
METROWIDE ALL GROUP SIMULCAST Usually Emergency

[FIRE VHF]
154.070 Paging/Station Monitors
154.280 S FERN Intersystem
155.955 Civil Defense Siren System
[AMBULANCE VHF]
155.340 S HEAR [Mutual Aid for DGH Call Overload]
[LOCAL GOVERNMENT]
48.500 S Denver Water Board Mountain Use
153.815 S Multiple Use
453.175 Denver General Paging
453.675 Paging
868.0875 Denver Housing Authority
[SCHOOLS]
461.675 Buses
464.375 Buses

[PUBLIC WORKS TRUNKED 800 G.E. EDACS SYSTEM]
Sequence # Repeater Input
R-01 858.4625 813.4625
R-02 859.2125 814.2125
R-03 859.4625 814.4625
R-04 860.2125 815.2125
R-05 860.4625 815.4625
R-06 855.4625 810.4625
R-07 856.2125 811.2125
R-08 856.7125 811.7125
R-09 857.4625 812.4625
R-10 858.2125 813.2125
R-11 858.7125 813.7125
R-12 859.2625 814.2625

R-13 859.7125 814.7125
R-14 860.2625 815.2625
R-15 860.7125 815.7125

[STAPLETON AIRPORT CONVENTIONAL NON-TRUNKED]
856.4375 F-1 Tower/Fire/Administration/Crash Investigators
857.4375 F-2 Runway Maintenance & Snow Removal.
858.4375 F-3 Building Maintenance.
859.4375 F-4 Technical/Operational Support.
860.4375 F-5 Police.

[DENVER INTERNATIONAL AIRPORT TRUNKED 800 G.E. EDACS SYSTEM]
Sequence # Repeater Input
R-01 855.2125 810.2125
R-02 855.7125 810.7125
R-03 856.4625 811.4625
R-04 857.2125 812.2125
R-05 857.7125 812.7125
R-06 866.3625 821.3625
R-07 867.8375 822.8375
R-08 867.5375 822.5375
R-09 866.6625 821.6625
R-10 866.9375 821.9375

DONALD WESCOTT FPD
[FIRE]
154.160 Dispatch

DOUGLAS COUNTY
[POLICE]
154.785 F-1 Dispatch
151.385 F-2 Car to Car /Tac
154.965 S F-3 Tac
[FIRE]
151.115 F-1 DC FIRE Dispatch
151.025 West Douglas Fire Ops
151.205 Franktown Fire Ops
154.175 S Castle Rock Fire Ops
154.265 S FERN-2
154.280 S FERN
154.295 S FERN-3
155.115 S Countywide Fireground
155.940 S Jackson 105 Fire Ops
155.160 S Rescue
[LOCAL GOVERNMENT]
151.130 Road Maintenance
156.165 S County Ops

EATON
[POLICE-See Weld County]
453.725 S Tactical/Car to Car ["City Channel"]
[FIRE]

154.145 S Dispatch [Weld County]

EDGEWATER
[POLICE-SEE JEFFERSON COUNTY]
154.995 S Administration
[FIRE]
154.445 S Dispatch

ELBERT COUNTY
[POLICE]
151.100 F-1 Dispatch
[FIRE]
153.995 S Dispatch
453.050 Ambulance
[LOCAL]
151.055 Road maintenance
[SCHOOLS]
154.540 S

ELIZABETH
[FIRE]
154.205 S Dispatch

ELK CREEK
[FIRE]
45.080 S F-1 Dispatch [Jefferson County]
45.200 S F-2 Fireground
45.380 TAC-3 Fireground

EL PASO COUNTY
[POLICE]
155.610 F-1 Dispatch
154.860 S F-2 Clearances
154.725 F-3 Car to Car
151.295 F-4 Investigators
453.400 Phone Patch
460.200 Administration
460.250 Administration
460.425 CLEER
[FIRE]
154.235 S Black Forest F.P.D.
154.325 Countywide Dispatch
154.430 S Cascade F.P.D.
154.445 S
[LOCAL GOVERNMENT]
151.250
154.055 S Code Enforcement/Animal Control
453.725 El Paso Community College Maintenance

ENGLEWOOD
[POLICE]
155.730 F-1 Dispatch

154.875 F-2 Information
460.425 CLEER
[FIRE]
154.160 Dispatch
154.340 South Metro
154.280 S FERN
[LOCAL GOVERNMENT]
153.800 City utilities

ERIE
[FIRE]
154.325 S RED-1 Dispatch [Boulder County]
154.355 S F-2 Fireground [Mountain View]
154.280 S FERN
[LOCAL]
453.9125S

ESTES PARK
[POLICE]
155.910 Dispatch
[FIRE]
159.405 S Dispatch
[UTILITY]
153.440 S Public Service Company

EVANS
[POLICE-See Weld County]
154.055 S Police "city channel"/Local Gov't
453.725 S

EVERGREEN
[FIRE]
453.950 Dispatch
453.375
453.475
45.520 Simulcast of 453.950
[UTILITY]
153.680 S Public Service Company

FAIRMOUNT F.P.D.
[FIRE]
154.385 Dispatch

FEDERAL HEIGHTS
[POLICE]
453.575 Dispatch
453.625 ENTAC
460.425 CLEER
[FIRE]
453.900 Dispatch
[LOCAL]
453.100 Public Works

453.750 Hyland Hills Ops
[SCHOOLS-ADAMS COUNTY]
463.250 FEDERAL HEIGHTS

FLIGHT FOR LIFE - PROVENANT / ST. ANTHONY'S DISPATCH
[Note: Chopper has access to all VHF/UHF land mobile frequencies.]
130.150 S Dispatch Primary
123.050 S Dispatch Secondary
154.280 S FERN
155.340 S HEAR
460.425 S CLEER
463.225

FORT COLLINS
[POLICE -CAD/MDT Dispatched]
460.300 F-A Dispatch
460.350 F-B Clearances/Car to Car
453.600 F-C PD/FD TAC
460.425 CLEER
855.9625 CAD/MDT Data Channel
[FIRE]
460.625 F-1 Poudre Valley Fire Authority TAC
460.600 F-2 Poudre Valley Fire Authority DISPATCH
[LOCAL GOVERNMENT]
45.560 S
158.760
453.925
[TRANPORTATION]
453.750 Buses

FORT LUPTON
[POLICE]
159.255 S F-1 Dispatch
155.880 S F-2 Tactical
[FIRE]
154.235 S Dispatch
[LOCAL GOVERNMENT]
155.880 s Public works [Shared with Police]

FORT MORGAN
[FIRE-ALSO SEE MORGAN COUNTY FIRE]
154.430
[LOCAL]
155.820 S

FRANKTOWN F.P.D.
[FIRE]
151.115 S Dispatch [Douglas County]
151.205 S Fireground

FREDRICK F.P.D.
[FIRE]

153.785 S F-1 Dispatch [Weld County]
154.130 S F-2 Fireground

GENESEE F.P.D.
[FIRE]
45.080 S F-1 Dispatch [Jefferson County]
45.200 S F-2 Tactical [jefferson County]
46.100 S F-3 Fireground

GEORGETOWN
[FIRE]
154.355 S
155.100 S Primary [Also Clear Creek Co Fire Net]

GILPIN COUNTY
[POLICE/FIRE]
153.845 F-1 Dispatch
154.860 F-2 Tac
155.160 S [Rescue]
154.280 S FERN
155.475 S NLENC
[LOCAL GOVERNMENT]
159.180 S Road Maintenance

GLENDALE
[POLICE]
460.350 Dispatch
460.425 S CLEER
[FIRE]
453.250 Dispatch

GOLDEN
[POLICE]
155.910 F-1 Dispatch
159.465 S
155.475 S NLENC
460.425 CLEER
[FIRE]
155.835 Dispatch
154.280 S FERN
[LOCAL]
159.345 S

GRAND COUNTY
[POLICE]
153.815
155.685
[FIRE]
155.400 S EMS

GREELEY
[POLICE-CAD/MDT DISPATCHED]

453.300 F-1 Dispatch
453.550 F-2 Clearances/Tac
453.875 F-3 Tactical [Nights]
460.425 CLEER
866.0375 CAD/MDT Data
866.1375 CAD/MDT Data
[FIRE]
453.150 Dispatch
[LOCAL GOVERNMENT]
153.935 S Airport Authority
453.875 Public works
[TRANPORTATION]
453.750 Buses.

GREENWOOD VILLAGE
[POLICE]
155.010 F-1 Dispatch
453.650 TAC
460.425 CLEER
[LOCAL GOVERNMENT]
453.650 Street maintenance

HIGH COUNTRY FPD
[FIRE]
154.145 S Dispatch

HIGHLANDS RANCH METRO DIST
[LOCAL GOVERNMENT]
156.060 Water

HUDSON
[FIRE]
154.250 S Fireground

HYLAND HILLS METRO DISTRICT
[LOCAL GOVERNMENT]
453.750 S Operations

IDAHO SPRINGS
[LOCAL GOVERNMENT]
155.100 S

IDLEDALE F.P.D.
[FIRE]
46.080 S Fireground

INDIAN HILLS F.P.D.
[FIRE]
45.320 S Fireground
153.935 Mobile Extenders & repeater link to 45.080
453.2875 Fireground

INTERCANYON F.P.D.
[FIRE]
453.0125S Fireground

JACKSON 105 FPD
[FIRE]
151.115 Dispatch [Douglas County]
155.940 S Fireground

JEFFERSON COUNTY
[POLICE]
155.250 F-1 Main
155.370 F-2 Car to Car/Tactical
155.430 S F-3 Information/Clearances
155.475 S NLENC
154.280 S FERN
151.040 Paging
453.850 Jail Ops
460.025 S Administration/Detectives/District Attorney.
460.425 CLEER
866.6375 Jail
[FIRE]
45.080 S F-1 Dispatch
45.200 S F-2 Fireground. [Also State EOC]
154.265 S FERN-2
154.280 S FERN
154.295 S FERN-3
[LOCAL GOVERNMENT]
153.740
155.085
155.145
156.000 Parks/Animal Control/Senior Resource Center.
156.105
156.240 County Road Maintenance.
[SCHOOLS]
461.150

KIOWA FPD
[FIRE]
153.995 Dispatch

LAFEYETTE
[POLICE]
155.145 GREEN Dispatch [Boulder County]
155.655 YELLOW Tactical [Boulder County]
[FIRE]
154.325 S RED-1 Dispatch [Boulder County]
154.415 S RED-3 Fireground
[LOCAL GOVERNMENT]
37.100 s Public Works
37.260 s Public Works

LAKESIDE
[POLICE]
453.750 Park Operations/Phone Patch

LAKEWOOD
[POLICE]
460.050 F-1 North Dispatch
460.150 F-2 South Dispatch
460.325 F-3 Car to Car/Clearances
460.425 CLEER
460.475 CAD/MDT DATA
[LOCAL GOVERNMENT]
453.925 Public Works

LAKEWOOD/BANCROFT FIRE AUTHORITY
[FIRE]
154.130 F-1 Dispatch
154.190 F-2 Administration
154.220 F-3 Dispatch
154.250 S F-4 Fireground

LARIMER COUNTY
[POLICE]
155.130 F-1 Dispatch
155.565 F-3 Car to Car/Clearances
155.475 NLENC
460.425 CLEER
[FIRE]
154.385 S County Fire net.
154.280 S FERN
[AMBULANCE]
155.340 S
155.385 S Rescue
[LOCAL GOVERNMENT]
45.120 Road Maintenance
154.115 S Parks
159.105 Paging

LINCOLN COUNTY
[POLICE]
153.845 Dispatch

LITTLETON
[POLICE]
460.100 F-1 Dispatch
460.300 F-3 Clearances
460.425 CLEER
[FIRE]
154.340 F-1 Dispatch [South Metro]
[LOCAL GOVERNMENT]
158.820 S City services.

LONGMONT
[POLICE]
156.210 F-1 Dispatch
154.815 F-2 Car To Car/Tac
159.015 S F-3 Tac
155.475 S NLENC
460.425 CLEER
[FIRE]
154.175 Dispatch
154.280 S FERN
[AMBULANCE]
155.280 S AMR Dispatch
[LOCAL GOVERNMENT]
151.220
158.895 City utilities
158.865 S
158.190 S Power
[SCHOOLS]
46.000 S St. Vrain Dist 1J

LOOKOUT MOUNTAIN FPD
[FIRE]
45.080 s F-1 Dispatch [Jeffco]
45.200 s F-2 Fireground [Jeffco]
46.140 s TAC-3 Fireground

LOUISVILLE
[POLICE]
155.145 GREEN Dispatch [Boulder County]
155.655 YELLOW Tactical [Boulder County]
[FIRE]
154.325 S RED-1 Dispatch [Boulder County]
154.415 S RED-3 Fireground
[LOCAL GOVERNMENT]
154.055 S City Services

LOVELAND
[POLICE]
156.750 F-1 Dispatch
154.860 S F-3 Clearances
155.475 S NLENC
[FIRE]
154.010 S Dispatch
154.445 S Alternate
154.280 S FERN
155.325 S Ambulance
[LOCAL GOVERNMENT]
153.470 Water
153.695
158.745 Public works
158.205
[SCHOOLS]

45.920 S Thompson Dist 2J Buses
45.960 S Thompson Dist 2J Buses

MEAD
[FIRE]
154.325 S RED-1 Dispatch [Boulder County]
154.355 S F-2 Fireground [Mountain View]

MED CHANNEL ASSIGNMENTS

[NOTE: THIS IS A STANDARD NATIONWIDE SYSTEM]
MED-1 463.000/468.000 HOSPITAL/AMBULANCE
MED-2 463.025/468.025 HOSPITAL/AMBULANCE
MED-3 463.050/468.050 HOSPITAL/AMBULANCE
MED-4 463.075/468.075 HOSPITAL/AMBULANCE
MED-5 463.100/468.100 HOSPITAL/AMBULANCE
MED-6 463.125/468.125 HOSPITAL/AMBULANCE
MED-7 463.150/468.150 HOSPITAL/AMBULANCE
MED-8 463.175/468.175 HOSPITAL/AMBULANCE
MED-9 462.950/467.950 DISPATCH CENTERS
MED-10 462.975/467.975 DISPATCH CENTERS

METRO INTERSYSTEMS

154.280 S FERN [Fire Emergency Radio Network Channel 1]
154.265 S FERN-2 [Fire Emergency Radio Network Channel 2]
154.295 S FERN-3 [Fire Emergency Radio Network Channel 3]
155.340 S HEAR [Hospital Emergency Ambulance Radio]
155.475 S NLENC [National Law Enforcement Emergency Network
Channel]
460.425 S CLEER [Colorado Law Enforcement Emergency Radio]
866.0125 CLEER-2 [Statewide Public Safety Calling Channel]
866.5125 NPS1 [Statewide Agency to Agency tactical channel 1]
867.0125 NPS2 [Statewide Agency to Agency tactical channel 2]
867.5125 NPS3 [Statewide Agency to Agency tactical channel 3]
868.0125 NPS4 [Statewide Agency to Agency tactical channel 4]

MILE HIGH STADIUM
[OPERATIONS-ALSO DENVER PUBLIC WORKS 800 MHz SYSTEM]
462.8625 S
467.8625 S

MORGAN COUNTY
[POLICE]
155.010 F-1 Dispatch
151.010 Clearances
156.075 Tac
[FIRE]
158.820 Dispatch
[LOCAL GOVERNMENT]
151.325 Multiple Use
153.845 Multiple Use

156.075 Multiple Use

MORRISON
[POLICE/FIRE]
155.250 F-1 Dispatch [Jefferson County]
155.370 F-2 Tatcical [Jefferson County]
155.430 F-3 Clearances [Jefferson County]
[LOCAL GOVERNMENT]
155.040 S

MOUNTAIN VIEW FPD
[FIRE]
154.325 S RED-1 [Dispatched By Boulder]
154.355 S F-2 TAC/Fireground and Admin Use
153.785 S F-3 Weld County Fire "A" mutual aid use

NATIONAL SKI PATROL
[RESCUE]
155.160 S NATIONWIDE
155.205 S NATIONWIDE
155.220 S NATIONWIDE
155.235 S NATIONWIDE
155.295 S NATIONWIDE

NATIONWIDE INTERSYSTEMS
154.280 S Fire
155.475 S Police

NEWS MEDIA/BROADCASTERS

153.110 KBCO [Remote Use.]
161.640 KHOW [Remote Use.]
161.670 KNUS [Pre-Delay/STL Backup use]
161.700 KWGN [Engineering]
161.730 KOA [Remote Use.]
161.760 KOA [Remote Use.]
166.250 KYGO/KWMX [Traffic report primary]
450.010 KHOW [Telemetry]
450.020 KHOW [Telemetry]
450.0375 KBCO [Engineering]
450.0500 KHOW [Traffic Reports]
450.1125 KCNC F-1 [Technical. Occasional.]
450.1375 KCNC F-3 [Technical.]
450.1500 KCNC [Ft. Collins Bureau]
450.1500 KTRR/KGLL [Ft. Collins Remote Broadcast Downlink]
450.1625 KCNC F-5 [Reporters.]
450.1875 KOA-EBS [EBS NET]
450.2125 KUSA [Occasional]
450.2375 KYGO F-A [Reporters.]
450.2625 KBCO [Engineering]
450.2875 KOA F-1 [Reporters.]
450.3375 KWGN [Reporters Boulder]

450.3625 KWMX F-C [Traffic Report Backup]
450.3875 KYBG/KQKS [Occasional]
450.4125 KUSA F-2 [Boulder County Bureau.]
450.4375 KMGH [IFB]
450.4625 KCNC F-7 [Occasional Use]
450.4875 KYGO F-B [Alternate.]
450.5125 KMGH F-1 [Reporters.]
450.5375 KWGN [Reporters]
450.5625 KZDG [Traffic Reports SIMPLEX]
450.5875 KMGH F-2 [Technical.]
450.6125 KUSA F-1 [Denver Bureau.]
450.6500 KBPI [Remote Downlink]
450.6750 NBC [Mile High Stadium IFB]
450.6875 METRO [Traffic reporter coordination]
450.7000 KKMG [Remote Broadcast Uplink]
450.7125 KMJI/KALC [Remote Use]
450.7500 KMJI/KALC [IFB]
450.8000 KIIX/KYGO [Colorado State Sports Network Downlink]
450.8125 CBFCC [Colorado broadcast Freq Coordination Committee]
450.8250 NBC [Mile High Stadium Engineering]
450.8500 KUAD [Occasional]
450.9000 KUAD [Remote Uplink]
455.1500 KTRR [Remote Uplink]
455.6625 KBPI [Remote Uplink]
455.7500 KMJI/KALC [Remote Uplink]
455.8000 KYGO/KWMX [Remote Uplink]
455.9000 KYGO/KWMX [Remote Uplink]
455.9500 KQKS [Remote Uplink]
944.1250 KDKO [WFM. STL]
944.5000 KUVO [WFM. STL]
944.5000 KYGO-FM [WFM. STL North]
944.8750 KHOW [WFM. Relay to Transmitter]
945.1125 KHOW [WFM. Relay to Transmitter]
945.5000 KCFR [WFM. STL]
946.0000 KYGO-AM [WFM. Relay to Transmitter]
946.5000 KMJI [WFM. STL]
946.6375 KZDG [WFM. STL]
946.8750 KXKL [WFM. STL]
947.0000 KXKL [WFM. STL]
947.5000 KALC [WFM. STL]
948.0000 KYGO-AM [WFM. Studio to Relay]
948.5000 KOA [WFM. Lookout Mtn to Parker]
949.3875 KTLK [WFM. STL]
949.5000 KHIH [WFM. STL]
950.0000 KYGO-FM [WFM. STL]
950.3750 KNUS [WFM. STL]
950.5000 KOA [WFM. Studio to Lookout Mtn]
950.8750 KUNC [WFM. STL]
951.0000 KRFX [WFM. STL]
951.1250 KUNC [WFM. STL]

NORTH ELBERT COUNTY V.F.D.
[FIRE]
153.995 S Dispatch

NORTH METRO FIRE PROTECTION AUTHORITY
[FIRE-See Adams County Communications]

NORTHGLENN
[POLICE-See Adams County Communications]
[FIRE-See Adams County Communications North Metro Fire]
[LOCAL GOVERNMENT]
453.275 Public Works

PARK COUNTY
[POLICE/FIRE]
154.085 F-1 Dispatch
155.160 Search & Rescue
151.025 Occasional

PARKER
[POLICE]
158.745 F-1 Dispatch
154.145 S F-2 Tac
[FIRE]
154.340 Dispatch [South Metro]
154.145 S Fireground
154.445 S Fireground
[LOCAL GOVERNMENT]
856.2625
857.2625
858.2625

PLATTE CANYON FPD
[FIRE]
154.4300 Dispatch

PLATTEVILLE
[POLICE-See Weld County]
[FIRE]
153.785 S Dispatch Fire A [Weld County]
154.280 S FERN
[LOCAL GOVERNMENT]
453.3375 Telemetry

POUDRE VALLEY HOSPITAL
[EMS]
155.340 S

PUBLIC SERVICE COMPANY OF COLORADO
[UTILITY]
153.680 S Evergreen Division.
153.440 S Boulder/Greeley/Estes Park
[DENVER METRO TRUNKED 800 MOTOROLA SYSTEM]
856.2875

857.2875
858.2875
859.2875
860.2875
856.3625
857.3625
858.3625
859.3625
860.3625
856.4125
857.4125
858.4125
859.4125
860.4125

RATTLESNAKE FPD
[FIRE]
153.995 Dispatch

REGIONAL TRANSPORTATION DISTRICT. R.T.D.
[TRANPORTATION]
452.300 CAD/MDT
452.675 Boulder County Supervisors,Mechanics,Buses and Regional
Buses
452.700 Mechanics/Tow Trucks
452.725 Buses
452.775 CAD/MDT
452.800 Buses
452.825 Buses
452.850 Light Rail Operations
452.875 Buses/Maint
453.225 Supervisiors

SHERIDAN
[POLICE]
155.535 Primary Dispatch
155.670 Secondary Dispatch [Arapahoe County]
460.425 CLEER
[FIRE]
158.760 Dispatch

SILVERTHORNE
[POLICE]
155.535 S
SOUTH METRO FIRE PROTECTION DISTRICT
[FIRE]
154.340 F-1 Dispatch
154.235 S F-2 Fireground 2
154.010 S F-3 Fireground 3
154.385 S F-4 Fireground 4
153.950 S F-5 Fireground 5

154.280 S F-6 FERN
154.295 S F-7 FERN-2
154.265 S F-8 FERN-3
154.310 F-9 Fireground 9 Tactical
154.145 S Parker Fire Fireground
154.445 S Parker Fire Fireground

SUMMIT COUNTY
[POLICE]
155.625 F-1 Dispatch
154.785 F-2
[AMBULANCE]
155.340 S Countywide Dispatch
[FIRE]
154.400 County Firenet

TELLER COUNTY
[POLICE]
155.580 Dispatch

THORNTON
[POLICE-See Adams County Communications]
[FIRE-See Adams County Communications North Metro Fire]
[LOCAL GOVERNMENT]
155.775 S City services
[SCHOOLS]
461.875 Thornton H.S.

UNITED POWER INC
[UTILITY]
37.860 Brighton/North West Adams/Weld County Dispatch

VAIL
[POLICE]
453.100 F-1 Dispatch
453.800 F-2 Clearances/Tactical
[FIRE]
453.400 Dispatch
460.6375 Fireground
[AMBULANCE/RESCUE]
155.160 F-1 Mountain Rescue
155.235 F-2 Mountain Rescue
462.450 Mountain Rescue
463.1875 Mountain Rescue
[LOCAL]
453.375 S
453.475
[TRANPORTATION]
453.675 Buses

WASHINGTON COUNTY
[POLICE]

155.070 F-1 Dispatch

WEATHER INFORMATION & REPORTING
162.400 NOAA Weather Radio Pueblo,Greeley/Ft Morgan
162.450 NOAA Weather Radio Ft. Collins
162.475 NOAA Weather Radio Colo Springs, Cheyenne
162.550 NOAA Weather Radio Denver/Mead, Grand Junction, North Platte
145.010 HAM 1200 Baud Packet Data with NWS bulletin information
145.115 HAM Severe Weather Net N. Colorado Weld/Larimer/Morgan Counties
146.940 HAM Severe Weather Net Denver Metro To FT Morgan. A.M. infonet
146.970 HAM Severe Weather Net Colo Springs/Pueblo E. to Limon
147.150 Backup Frequency for 146.940
410.575 NOAA Weather Radio Cheyenne

WELD COUNTY
[POLICE]
460.400 F-1 Clearances South
460.200 F-2 Municipalities/Townships Dispatch
460.250 F-3 S.O. Dispatch Primary
460.025 F-4 Clearances North
453.650 F-5 Tactical
460.425 F-6 CLEER
453.950 F-7 Tactical
[FIRE]
153.785 S "Fire-A" Southern County Dispatch
154.145 S "Fire-B" Northern County Dispatch
[AMBULANCE]
155.400 S Countywide Dispatch [Weld County]
[SCHOOLS]
155.175 S School District RE-1
157.470 S School District RE-9/RE-12
453.850 Buses
[LOCAL GOVERNMENT]
453.650 Highway A Road Maintenance
453.950 Highway B Road Maintenance

WELLINGTON
[FIRE]
158.880 Dispatch

WEST DOUGLAS COUNTY FPD
[FIRE]
151.115 Dispatch
151.025 Fireground

WESTMINSTER
[POLICE/FIRE/AMBULANCE/LOCAL GOVERNMENT TRUNKED 800 G.E. EDACS SYSTEM]
Sequence # Repeater Input
R-1 866.0625 821.0625

R-2 866.7625 821.7625
R-3 867.0625 822.0625
R-4 867.3250 822.3250
R-5 868.9250 823.9250
R-6 866.3125 821.3125
R-7 867.1625 822.1625
R-8 867.8875 822.8875
R-9 868.3500 823.3500
R-10 868.6500 823.6500

WESTERN HILLS FIRE
[FIRE-SEE WELD COUNTY]
154.190 s Fireground

WHEATRIDGE
[POLICE]
155.070 F-1 Dispatch
154.845 S F-2 Clearances
154.800 S F-3 Tac
155.475 S NLENC
460.425 CLEER
[FIRE]
151.310 Dispatch
[LOCAL GOVERNMENT]
852.2375 City Services

WINTER PARK
[LOCAL]
159.180 S Road Maintenance

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Chris Yoder is chris@tali.hsc.colorado.edu
Maybe the mother of our nation should remind us that we're sitting to close
to the televsion, drug of nation, breeding ignorance & feeding radiation.

6168. **** BC 855 XLT *****

Newsgroup: rec.radio.scanner
Date: 1994-11-30 22:41:55 UTC
From: mtomek@ccs.neu.edu
Message-ID: <3biv3j$8lr@chaos.dac.neu.edu>
Source record: 264927

Does any one Know the cell restoration mods for this scanner

Do Youknow where I can get them

mtomek@ccs.neu.edu

6169. Roosevelt Field Mall Freqs??

Newsgroup: rec.radio.scanner
Date: 1994-11-30 23:36:21 UTC
From: hglassma@daniel.drew.edu
Message-ID: <1994Nov30.233621.113751@daniel>
Source record: 264940

I've checked MONITOR AMERICA, SCANNER MASTER, and BEYOND POLICE CALL and I cannot find the freq for the Roosevelt Field Mall in Nassau County (Long Island). I'm looking for the security freq. Can anyone out there let me know what it is?

Thank you.

PS - Roosevelt Field is the largest mall on the east coast......

6170. Fast Food Freqs

Newsgroup: rec.radio.scanner
Date: 1994-11-30 23:45:45 UTC
From: sd2498@albnyvms.bitnet
Message-ID: <3bj2r9$l9h@rebecca.albany.edu>
Source record: 264932

```
Could someone please post or email me the fast food freqs. Either at the
address above or at SteveD8419@aol.com thank you
+-------------------------------------------------------------------------+
|Steve Disick State University at Albany |
|Internet: SD2498@albnyvms.bitnet SUNY: School for the "gifted"|
| SteveD8419@aol.com |
|Amateur |
| Radio: N2ZQG |
| |
|"I won't crash it, it's a beer truck!" <--Strange Brew |
```

6171. Wireless Mic's. What Freq??

Newsgroup: rec.radio.scanner
Date: 1994-12-01 00:19:11 UTC
From: robhall@bu.edu
Message-ID: <3bj4pv$8af@news.bu.edu>
Source record: 264929

If someone would tell me at what Frequency I could pick up wireless mics,
like the ones they use at Rock Concerts and such. Thanks
Rob

6172. Re: USING A CELL PHONE TO SCAN?

Newsgroup: rec.radio.scanner
Date: 1994-12-01 00:45:30 UTC
From: cowboy2002@aol.com
Message-ID: <3bj6ba$eve@newsbf01.news.aol.com>
Source record: 264931

In article <94334.112319TJH112@psuvm.psu.edu>, Tyler Harpster
<TJH112@psuvm.psu.edu> writes:

I had a Novatel cell phone that could "scan" cell freqs. Get your hands on
an installers manual for the magic codes that allow the phone to recieve.
Look at a mag called "NUTS and VOLTS" they have ads and BBS numbers for
stuff like that. Have fun.....

6173. Un-Scannable

Newsgroup: rec.radio.scanner
Date: 1994-12-01 01:46:57 UTC
From: rwex@aol.com
Message-ID: <3bj9uh$g04@newsbf01.news.aol.com>
Source record: 264933

Does anyone know of a scanner that will break down the new law enforcement technique of transmitting on and recieving on multiple frequencies. I believe they are using a General Electric computer driven system of some kind. If anyone can
shed some light on this for me I would appreciate it.

6174. Re: Evansville Indiana Freqs

Newsgroup: rec.radio.scanner
Date: 1994-12-01 02:13:49 UTC
From: MCFD77A@prodigy.com
Message-ID: <3bjbgt$151q@usenetw1.news.prodigy.com>
Source record: 264935

Evansville Police, Fire and Vanderburgh County Sheriff are all trunked
and can be found on 856-860.9375
855.4875
855.9875

For the Indiana State Police, it's Area 3, District 35
F-1 42.42B
42.26M
F-2 42.40M Mustang Traffic Enforcement & some aircraft
F-3 42.12M Car to Car
F-4 42.16 Tactical and Emergency Situations

6175. Optoelectronics on GEnie

Newsgroup: rec.radio.scanner
Date: 1994-12-01 02:20:08 UTC
From: wb2mpk@gti.gti.net
Message-ID: <3bjbso$jo5@gti.gti.net>
Source record: 264934

GENIE LAUNCHES CALLSIGN DATABASE

Rockville, MD - November 30, 1994 -- GEnie, the online service from General Electric, has launched an online callsign database, according to Glen Johnson, WB2MPK, manager of GEnie's Radio & Electronics RoundTable . GEnie subscribers can look up QSL information for over 600,000 US hams online . The feature can be accessed by typing RADIO at any prompt on the system. The Radio RT has also forged alliances with CQ Communications, publishers of CQ Magazine, Popular Communications and other radio & electronics publications, and Optoelectronics, a major manufacturer of communications and electronics equipment. Members of GEnie's Radio RoundTable can obtain product support from these and other companies online . Optoelectronics does product support exclusively on GEnie .

"We're committed to remaining as the premier online service for radio amateurs and electronics hobbyists" says Johnson. "We have everything from ham radio to shortwave, an online database of upcoming VE exams that users can search by date or city, and more and more companies serving the ham community are joining us. We even have a feedback area for Newsline!"

GEnie will also have full access to the Internet by the end of the year, giving hams access to literally thousands of programs, files and newsgroups.

For further information, contact Glen Johnson, Manager, GEnie Radio & Electronics RoundTable via email at radio.rt@genie.com .

6176. Re: What's from 2000-3000 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-12-01 02:38:34 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.941130183251.574D-100000@holmes.ece.orst.edu>
Source record: 264936

On 30 Nov 1994, Hiran C. Fernando wrote:

> Does anyone know what traffic there is between 2000-3000 MHz? Is this
> what is called microwave? Almost all the frequency lists I've seen stop
> around 2000 MHz.
>

Well, air traffic control radars, telemetry, long range military radars and things like that. I think PCS is pretty close to 2 GHz but I don't think it exceeds it. It is microwave, you oven is around 2.7 GHz. The "proper" term would be SHF (Super High Frequency). Military (Electronic Warfare) is E band. Standard is S band.

6177. WANTED:NFL FREQS

Newsgroup: rec.radio.scanner
Date: 1994-12-01 02:40:10 UTC
From: kd4tzw@aol.com
Message-ID: <3bjd2a$h4s@newsbf01.news.aol.com>
Source record: 264937

I understand that starting with this season, the NFL allowed sideline coaches to transmit directly to their quarterbacks who wore helmets with receivers built-in. It sure would be fun to listen-in to those transmissions just like the pit crews & drivers during car races.
Does anyone know what frequencies are being used and what method if any is being used to prevent the opposing team from listening?

6178. Re: Fast Food Freqs

Newsgroup: rec.radio.scanner
Date: 1994-12-01 03:04:18 UTC
From: g9153402@huey.csun.edu
Message-ID: <3bjefi$g41@nic-nac.CSU.net>
Source record: 264938

sd2498@albnyvms.bitnet wrote:
> Could someone please post or email me the fast food freqs. Either at the
> address above or at SteveD8419@aol.com thank you

Here's something I've posted from before:

Since there has been quite a few posts wanting this data, here is a
list of fast food frequencies that is listed in the November issue of
Monitoring Times. But be aware, the FCC isn't exactly issuing frequencies
to every fast food chain for their own use, and that any fast food
restaurant can buy whatever low powered FM transmitters / receivers
they need for their store at an electronics shop. Anyway, just stick
the below in one of your scanner's channel banks, and see what comes
up. All this talk about food is getting me hungry.

Gourmet Restaurant Frequencies
------------------------------ ----------------------------------

Arby's 30.84 31.00 154.57
457.55 479.25

McDonald's 35.12 67.775 70.245
71.105 154.49 154.58
461.0375 463.2875 466.0375
468.2875 469.5125

Hardee's 30.84 31.00 35.02
151.685 151.805 464.0125
469.0125

Kentucky Fried Chicken 31.00 170.305 457.5375
457.5875

Taco Bell 30.84 154.57 465.8875

Wendy's 33.16 33.40 154.515

Burger King 30.84 457.55 465.8875
467.775

6179. Re: Restore 0-25MHz on 2006 possible?

Newsgroup: rec.radio.scanner
Date: 1994-12-01 03:15:06 UTC
From: g9153402@huey.csun.edu
Message-ID: <3bjf3q$g41@nic-nac.CSU.net>
Source record: 264939

Hiran C. Fernando (maverick@csulb.edu) wrote:
> I was just wondering if anyone knew if it was possible to restore the
> 0MHz-25MHz or 0KHz-25MHz frequency range on the RS Pro-2006. I know
> that the 800 MHz are restorable, but the 520MHz-760MHz (UHF tv) is
> not.

Negative. The circuitry just isn't there. Some scanners do go down
that far, but in my opinion you're better off buying a separate
shortwave radio. I've heard that many scanners that do scan down
there, can be sort of deaf to shortwave reception. Also, shortwave
really demands a different antenna, mainly something like a very
long wire, to receive the long wavelengths of shortwave.
I do, myself, own a separate shortwave radio next to my desktop
scanner. If I get bored with one, I just use the other.

P.S. The lowest frequencies you usually hear in the U.S., start about
520 khz, at the start of the AM radio dial. Below that (from 150 -
519 khz) is considered longwave. Nothing is broadcasted down there,
except maybe some navigational beacons, although I've heard in Europe,
there may be some audio down there. But check out rec.radio.shortwave
for more info.

Anyway, below is a frequency guide I've had:

THE RADIO SPECTRUM

This is an approximate look, to help in searching frequencies on a
scanner or shortwave radio. Just be aware, having the right frequency
may not be enough, in tuning to a certain frequency. The time of
day, atmospheric conditions, location, mode you're in (AM, SSB,
Narrowband FM, Wideband FM, etc.), and your equipment, are also equally
important. You'll find most transmissions are broadcasted in Narrow-
band FM. Some main exceptions are shortwave (AM & SSB), commercial AM
radio (AM), commercial FM radio (Wideband FM), television (Wideband FM),
citizens band radio (AM & SSB), aeronautical communications (mostly AM),
and some military VHF/UHF (Wideband FM). Most all scanners will pick a
default mode for you, depending on what frequency band you are in. But
many scanners also let you manually switch between modes (AM, FM, etc.)
and frequency search spacing (5 khz, 12.5 khz, etc.) if the default modes
are not correct. Happy Listening!!!

FREQUENCY USES/SERVICES
(in Megahertz unless
otherwise indicated)
---------------------- --

10 - 150 khz Military/government, submarine
(.01 - .15 MHz) communications.

150 - 535 khz Longwave Band, beacons, foreign broadcasts,
(.15 - .535 MHz) maritime.

535 - 1700 khz Your standard AM radio dial.
(.535 - 1.7 MHz)

1.7 - 30 Shortwave/High Frequency Band. Broadcasting,
two-way government, military and commercial
communications, amateur radio, CB radio (approx.
27 MHz), others.
Shortwave - Approx. Range Meter Band
1.8 - 2.0 160*
2.3 - 2.495 120
3.2 - 3.4 90
3.5 - 4.0 80*
3.9 - 4.0 75
4.75 - 5.06 60
5.9 - 6.2 49
7.0 - 7.3 40*
7.1 - 7.35 41
9.4 - 9.9 31
10.1 - 10.15 30*
11.6 - 12.1 25
13.57 - 13.87 22
14.0 - 14.35 20*
15.1 - 15.8 19
18.068 - 18.168 17*
17.48 - 17.9 16
18.9 - 19.02 15
21.0 - 21.45 15*
21.45 - 21.75 13
24.89 - 24.99 12*
25.6 - 26.1 11
28.0 - 29.7 10*
(In general, the lower shortwave frequencies
<higher meter band> are received better during
the night, while higher frequencies are re-
ceived better during the day. There are also
some amateur radio bands between many of these
shortwave bands(*). Consult a shortwave guide
for more detailed information.)

30 - 50 Very High Frequency Band. Government, business,
walkie-talkies. Also, cordless phones and
'baby monitors' found about 46 - 49 MHz.

50 - 54 Amateur radio 6 meter band.

54 - 72 TV Channels 2-4.
Channel 2 Audio (Wideband FM) 59.75

Channel 3 Audio (Wideband FM) 65.75
Channel 4 Audio (Wideband FM) 71.75

72 - 76 Manufacturing, remote control, eavesdropping
bugs, etc.

76 - 88 TV Channels 5-6.
Channel 5 Audio (Wideband FM) 81.75
Channel 6 Audio (Wideband FM) 87.75

88 - 108 Your standard FM radio dial.

108 - 136 Aeronautical communications (AM).

136 - 138 Satellites.

138 - 144 Military communications.

144 - 148 Amateur radio 2 meter band.

148 - 150.8 Military use.

150.8 - 174 Business, highway, law enforcement, government,
weather, maritime.

174 - 216 TV Channels 7-13.
Channel 7 Audio (Wideband FM) 179.75
Channel 8 Audio (Wideband FM) 185.75
Channel 9 Audio (Wideband FM) 191.75
Channel 10 Audio (Wideband FM) 197.75
Channel 11 Audio (Wideband FM) 203.75
Channel 12 Audio (Wideband FM) 209.75
Channel 13 Audio (Wideband FM) 215.75

216 - 220 Maritime and aeronautical.

220 - 222 Land mobile communications.

222 - 225 Amateur radio.

225 - 400 Military aviation and space.

400 - 406 Military and government.

406 - 420 U.S. Government.

420 - 450 Amateur radio.

450 - 470 Ultra High Frequency Band. Business, industry,
military, fire, government.

470 - 512 TV Channels 14-20, shared with law enforcement.

512 - 824 TV Channels 21-69.

824 - 849 Cellular telephones (receivers/handsets).

849 - 851 Aeronautical telephones (ground-based towers).

851 - 866 Business, public safety, trunked systems.

866 - 869 Public safety, law enforcement, trunked systems.

869 - 894 Cellular telephones (towers).
Note: Even though listening to cellular telephone calls is technically illegal in the United States, one will usually do better listening to calls on the tower frequencies, as opposed to the handset frequencies. This is because most cellular phones transmit less than one-watt of output. So unless the cellular phone is very close to you, you will have much more luck scanning the more powerful towers, which transmit/receive for each cell site.

894 - 896 Aeronautical telephones (handsets).
Note: In scanning airplane telephones, you will usually do better listening to the handset frequencies, instead of the tower frequencies, unless you are very near a ground transmitter. But, in any event, call traffic heard on handset frequencies (which are transmitted from a high-powered transmitter on the aircraft) you may hear nothing at all, or many conversations, de-pending on your location and time of day.

896 - 901 Private land mobil units.

902 - 928 Land mobile, amateur radio, personal communi-cation units, cordless telephones.

928 - 932 Radio paging.

935 - 940 Business radio.

941 - 944 Government and non-government fixed services.

944 - 952 Broadcasters' studio-to-transmitter links.

952 - 960 Private fixed services, paging.

960 - 1240 Aeronautical navigation.

1240 - 1300 Amateur radio.

1300 - 1350 Aeronautical navigation.

1350 - 1400 Radio location.

1400 - 1427 Radio astronomy.

1427 - 1429 Point-to-point, mobile, space.

1429 - 1660.5 Various satellite transmission uses.

1660.5 - 1668.4 Radio astronomy.

1668.4 - 1700 Meteorological aids.

1700 - 1850 Meteorological satellites, U.S. Government.

1850 - 1990 Fixed point-to-point, microwave.

1990 - 2110 Broadcast studio-to-transmitter links.

(end)

6180. Re: CHP plane frequency?

Newsgroup: rec.radio.scanner
Date: 1994-12-01 03:21:54 UTC
From: rwilkins@ccnet.com
Message-ID: <3bjfgi$o01@ccnet.ccnet.com>
Source record: 264708
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Jamie Hanrahan, Kernel Mode Systems (jeh@cmkrnl.com) wrote:

: Yep. I think Mark is hearing CHP on 154.920 courtesy of a scanner with poor
: selectivity (not uncommon). No way would the CHP be routinely using the
: CLEMARS frequency.

Check out a CHP portable at your local crumb cake shop. 154.920 is there.
In the Golden Gate Division the officers know how to use this frequency
for all kinds of activities with the local agencies. CHP helocopters are
often found on vhf CLEMARS.

Aircraft on the Blue or Ivory frequencies can be heard quite a distance
working CHP cars on the ground. If you hear the cars, you know you are
close.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

6181. yagi antenna for 40-50 Mhz?

Newsgroup: rec.radio.scanner
Date: 1994-12-01 05:18:25 UTC
From: nobody@vox.xs4all.nl
Message-ID: <199412011621.AA27728@xs1.xs4all.nl>
Source record: 264949

What is a good directional antenna for 40-50 MHz? What is the practical range at which one can receive pick up cordless using a Yagi?

6182. Bug Freq's?

Newsgroup: rec.radio.scanner
Date: 1994-12-01 06:45:58 UTC
From: Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
Message-ID: <786272446.AA02935@jina.rain.com>
Source record: 264945

Hello everyone!

Does anyone have the freq's most commonly used for bugs and wireless
mics? Any help would be appreicated.

Josh

****
Joshua Jeffery 1:105/40.79 FIDO Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
FIDO/INTERNET Dwight@Industrial.com Jefferyj@Glencoe.hillsborouh.k12.or.us
* USENET Explorer, Wash. Co. Sheriff's Office *
****

... Coming soon: Netware for the Nintendo!

6183. Re: Modifications for Transmitting

Newsgroup: rec.radio.scanner
Date: 1994-12-01 07:43:44 UTC
From: mulligan@ACM.ORG
Message-ID: <3bjurg$de7@hopper.acm.org>
Source record: 264942

mlfowler@lfs.loral.com (Mark Fowler) asked:
> Does the FCC have a regulation specifying the maximum amount
> of re-radiation ...

15.109 Radiated emission limits
(a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:
Freq. of emission (MHz) 30- 88 Field strength (uv/m) 100
88-216 150
216-960 200
Above 960 500
....

The note on the back of your TV saying "This device complies with Part 15 ..." is the manufacturer's attestation that the above limits (and others) were met. (Class A digital devices are office computers and are cut a little more slack.)
/* barry /&

6184. Re: Restore 0-25MHz on 2006 possible?

Newsgroup: rec.radio.scanner
Date: 1994-12-01 07:45:05 UTC
From: mulligan@ACM.ORG
Message-ID: <3bjuu1$de8@hopper.acm.org>
Source record: 264943

maverick@csulb.edu (Hiran C. Fernando) asked:
> ... possible to restore the 0MHz-25MHz ... range on the RS Pro-2006.

You can only restore what was there to begin with. 800 MHz is designed in,
but was locked out for the US market. There's no circuitry for 0-25MHz or
520-760MHz, so there's nothing to restore.
/* barry /&

6185. Re: What's from 2000-3000 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-12-01 07:46:28 UTC
From: mulligan@ACM.ORG
Message-ID: <3bjv0k$de9@hopper.acm.org>
Source record: 264944

maverick@csulb.edu (Hiran C. Fernando) asked:
> Does anyone know what traffic there is between 2000-3000 MHz?
> Is this what is called microwave?

Microwave is typically 50cm to 1mm, i.e. 600MHz to 300GHz. The FCC considers anything above 952 MHz as microwave.
The 2000-3000 MHz range is primarily point-to-point relay, auxiliary broadcasting, satellite communication, amateur, radio navigation & space research. Other than satellites, not much of interest. The FCC is selling off large chunks of the spectrum for new applications, so in a decade things may change.
/* barry /&

6186. FCC License Data Sources

Newsgroup: rec.radio.scanner
Date: 1994-12-01 08:00:41 UTC
From: bill@thd.tv.tek.com
Message-ID: <3bjvr9$d65@news.tv.tek.com>
Source record: 264941
Cross-posted to: rec.radio.scanner,rec.radio.info

[last changed 06-Oct-94]

Changes preceeded by "|". Please e-mail corrections and additions to me.

INTRODUCTION

This is a list of FCC license data sources available to scanner listeners. The FCC master contains a wealth of data about every non-government license in the United States. Most of the sources below contain a subset of this data, although a few contain all of it. Government licenses are not administered by the FCC, and the data is not available to the public.

If you are interested in purchasing the data, you might want to consider forming a co-op of people in your area to share the cost. As far as I know, this is legal since the information is in the public domain. However, most software supplied to view or manipulate the data is copyrighted and must be purchased separately by each user.

Prices are rounded to the nearest dollar and include shipping, if known.

C.E.T.

CET sells records of all stations inside a 30-mile radius for $80. (Major cities cost extra.) A 70-mile search costs $178. The data is provided on floppy disks and is available in ASCII columnar and comma-delimited formats.

CET does not provide data for licenses that do not contain specific geographic coordinates (i.e., mobile-only systems) or specific operating frequencies (e.g., amateur radio).

To do the search, CET requires the latitude and longitude of the center of the 30-mile radius. I calculated mine from a USGS topographic map I obtained at a local nautical supply store. Alternatively, you can obtain the coordinates for your town from the University of Michigan's geographic name server. Run "telnet 141.212.99.9 3000" and enter your zip code. For my area, the server returned the coordinates of the main post office.

CET can be reached at 800-445-0297.

GROVE

Grove sells FCC data on CD-ROM and floppy. The CD-ROM covers the entire US and is available with or without mapping support. The mapping version brings up a map with the requested station plotted on it. The regular version is $100, and the mapping version is $170 (shipping extra).

Floppies are available by state. The first state is $40, and each additional state is $30 (add $10 for CA, FL, TX). The disk comes with a database search program. Grove Enterprises can be reached at 800-438-8155.

MICROFICHE

The Bearcat Radio Club sells the FCC master by state for $15. Bearcat Radio Club can be reached at P.O. Box 291918, Kettering OH, 45429.

PERCON

PerCon sells a variety of FCC data on CD-ROM and floppy. CD-ROMs are available by region or category, and floppies are available by state. Also available is a CD-ROM of the entire US (2.5 million records). Data is updated approximately every six months.

State floppies are $60 per state (add $5 for CA, FL, NY, TX, PA, OH, IL). Regional and full US CD-ROMs are $105 each. CD ROMs by category are $155 each. Quantity discounts available. PerCon can be reached at 716-386-6015.

POLICE CALL

This is probably the most cost-effective source of public service license information. The detail is limited, but the information that is there is often more useful than the FCC master. For example, an entry in Police Call that reads, "Portland Police, Net 3, North Precinct," reads, "Portland, City of" in the master.

Police call is available in 9 volumes covering different regions of the US. It can be purchased at Radio Shack stores for $10 per volume.

RADIOMAP SERVICE

Developed by long-time Usenet contributor Bob Parnass, this service prints an 8.5" X 11" color map of an area with transmitter sites shown. Included are key sheets that list frequencies, callsigns, and licensee names. Ranges of 1/2 to 10 miles are available. The service is currently available for the following states: IL, IN, MI, MS, NY, OH, PA, WI. Additional states are being added. Contact Bob for more information. To print the map, Bob requires the latitude and longitude (or nearest street intersection) of the center location. Maps are $20 each. Write to Bob Parnass at 2350 Douglas Rd, Oswego, IL, 60543, or call him at 708-554-3839 between 6-10 PM central time. Bob asks that you do not send him e-mail regarding this service [probably because his e-mail account is supplied by his daytime employer].

SCANWARE ASSOCIATES

ScanWare Associates sells a PC-based database program called the FCC Frequency Retrieval System V2.x. It comes with FCC data for one state, covering all services at all frequencies. Data is updated approximately every six months (last update was Sep 94).

Cost is $35 for the first state and $20 for each additional state. Updates cost $30 per state. (Add $5 for CA, FL, TX, NY.) Quantity discounts available. Fully working shareware copy downloadable from their BBS at 206-871-4228 (FCC200.ZIP). ScanWare Associates can be reached at 206-698-1383 (voice) or 206-698-8207 (fax).

US SCANNER PUBLICATIONS

Similar in style to Police Call, this series of directories covers ALL radio services between 30 MHz and 2 GHz. Each volume covers one state and costs between $14 and $29, depending on the state. The volume for California is 820 pages. Contact US Scanner publications at 800-890-6999 (voice) or 503-233-5176 (fax).

APPENDIX

Here is table of data fields in the FCC master. Fields provided by various products are indicated by "#" or the field length, if known.

PERCON PERCON PERCON POLICE SCAN
DESCRIPTION SIZE CET GROVE FLOPPY US CD OTHER CD CALL WARE
Frequency (or Lower Limit) 16 11 12 16 16 16 # 11
Upper Frequency Limit 16 16 16 11
Callsign 10 8 10 10 10 10 # 10
Service Code 2 2 2 2 2 2 # 2
Licensee DBA Name 40 32 30 40 40 40 # 40
Licensee State 2 2 2 2
Licensee Zip 9 5 9 9
Licensee Address 35 30 35
Licensee City 20 15 20 20
Licensee Name 200 100
Applicant Phone 10 10
Transmitter Latitude 6 6 6 6 6 6 6
Transmitter Longitude 7 7 7 7 7 7 7
Transmitter Elevation 5 5 5 5 5
Transmitter Height 5 5 5 5 5 5
Transmitter HAAT 5 5 5 5
Transmitter Effective Height 5 5 5
TX Antenna Structure Height 5 5 5
Transmitter Address 80 80 80
Transmitter City 20 10 12 20 20 20 # 20
Transmitter County 30 10 20 30 30 30 30
Transmitter State 2 2 2 2 2 2 # 2
Class of Station 4 4 4 4 4 # 4
Type of Message Service 1 1
Area of Operation 1 1
Radius of Operation 4 4 4
Antenna Type 10 10 10
Antenna Elevation Angle 6 6
Antenna Azimuth 6 6
Antenna Polarization 3 3 3
Antenna Gain 4 4
Antenna Path Length 6 6

Antenna Beam Width 8 8
ERP Out 8 4 8 8 8
ERP Units 2 1 2
ERP Indicator 1 1
Power Out 8 4 8 8 8
Power Out Units 2 1 2
Power Out Indicator 1 1
Emissions 15 15 15 15
License Issue Date 6 6
License Expiration Date 6 4 6
Operation Begin Time 4 4
Operation End Time 4 4
Number of Vehicle Mobiles 4 4 4 4 # 4
Number of Portable Mobiles 4 4 4 4 # 4
Number of Aircraft Mobiles 4 4 4 4 # 4
Number of Marine Mobiles 4 4 4 4 # 4
Number of Pager Mobiles 5 4 5 5 5
Authorization Type 1 1*
CP Authorization Number 2 2*
Area of Operation Descript. 100 100*
Paint & Lighting Specs 33 33*
Special Conditions 100 100*
TX Latitude Direction 1 1*
TX Longitude Direction 1 1*
Type of Last Contact 1 1*
Date of Last Contact 6 6*
Number of Units 4 4*

* = Regional CD Only, CP = Construction Permit,
ERP = Effective Radiated Power, HAAT = Height Above Average Terrain

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

6187. Re: HAM Radio Forsale!

Newsgroup: rec.radio.scanner
Date: 1994-12-01 09:49:29 UTC
From: julian@kesteven.win-uk.net
Message-ID: <154@kesteven.win-uk.net>
Source record: 264957
Cross-posted to: rec.radio.scanner,misc.forsale,alt.radio.scanner

In article <3b8ns9$ke8@nic.iii.net>, Jeffery L. Stutzman (jls@capedata.iii.net) writes:
>Give the guy a break... Yeasu...

Give the guy a spellchecker... Yaesu? :-)

(G1EKW *again* RSN)

Julian

6188. Re: Media Comms -- WAS: Re: Police HQ shooting in DC

Newsgroup: rec.radio.scanner
Date: 1994-12-01 13:27:03 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Dec1.132703.4826@rsd.dl.nec.com>
Source record: 264946

In article <3b3e4r$pj9@umcc.umcc.umich.edu>, tim@umcc.umcc.umich.edu (Tim Tyler) writes:

|> people,' etc. One of the things I quickly learned is that often, the
|> 'on the scene' reporters get much (sometimes most) of their information
|> which they then broadcast "LIVE, FROM THE SCENE!" directly from their own
|> newsroom, which passes it to the 'one the scene' reporter via the 2-way
|> radio links...

Here in the Dallas area the news sataions all monitor each others'
450MHz stuff and act on it. Every year WBAP does an April Fools stunt
which *never* fails to catch the other stations off guard. This year
they had Hillary Clinton arriving to throw out the first Rangers pitch
in place of George Bush Jr. They created a monumental helocopter
traffic jam with their reports of the motorcade carrying the First Lady
to __Whitewater Amusement Park__ for photos for her Christmas cards.
NAS Dallas was getting bombarded with requests to violate airspace so
the helos could catch up with the motorcade. I listened to the whole
thing on the 450MHz side and it was a complete hoot.

==
Dave Rogers Internet : dave@rsd.dl.nec.com
M & R Software, Inc. or : mandr@ix.netcom.com
Plano, Texas AMPRnet : kc5iye@dfwgate.ampr.org
AX.25 : kc5iye@kc5iye.#dfw.tx.usa.noam
CIS : 76672,2455

In the absence of leadership, we have decided to follow ourselves.

6189. Re: AOR AR3000A

Newsgroup: rec.radio.scanner
Date: 1994-12-01 13:50:21 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.38.000DD743@ccm.hf.intel.com>
Source record: 264776

In article <KMOUBK4G@obh.in-berlin.de> solon@obh.in-berlin.de (Solon Luigi Lutz) writes:
>My problem is: I am desperately seeking software for this scanner !
>If anybody has some, knows an ftp-site for it - then please EMAIL me !

There are several programs on Compuserve that might interest you. They are in
the Hamnet forum.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

6190. Newport Centre Mall Freqs??

Newsgroup: rec.radio.scanner
Date: 1994-12-01 15:26:10 UTC
From: 5leitgeb_c@spcvxb.spc.edu
Message-ID: <1994Dec1.102610.1@spcvxb.spc.edu>
Source record: 264948

Does anyone have frequencies for Newport Centre Mall
in Jersey City,N.J.? I go there often, and I would like to listen
to security or any other services that might be using radio there.
Any help would be greatly appreciated. Please send email or post
here.
Thanks in advance...
5Leitgeb_c@spcvxa.spc.edu

6191. R.S. scanner date codes?

Newsgroup: rec.radio.scanner
Date: 1994-12-01 15:42:36 UTC
From: 5leitgeb_c@spcvxb.spc.edu
Message-ID: <1994Dec1.104236.1@spcvxb.spc.edu>
Source record: 264950

Can anyone tell me how to read the date codes on the
back of Radio Shack scanners or other radios.
What would a date code of "1A1" on my PRO-2002 or "5A0"
on my PRO-2006 mean? Any help would be greatly appreciated.
Thanks in advance...
Craig
5Leitgeb_c@spcvxa.spc.edu
Saint Peter's College
Jersey City, NJ

6192. Ftp Access

Newsgroup: rec.radio.scanner
Date: 1994-12-01 15:55:38 UTC
From: jima119256@aol.com
Message-ID: <3bkrlq$rlp@newsbf01.news.aol.com>
Source record: 264947

I have a friend in another state who does not belong to aol but he does have FTP access. How would he be able to participate in the rec.radio.scanner newsgroup.? Any help would be appreciated.

6193. Re: HELP! - How to protect oneself from eavesdropping?

Newsgroup: rec.radio.scanner
Date: 1994-12-01 16:44:04 UTC
From: v078l3eg@ubvms.cc.buffalo.edu
Message-ID: <D0555G.D5r@acsu.buffalo.edu>
Source record: 264951

In article <221304Z30111994@anon.penet.fi>, an162081@anon.penet.fi writes:
>
>Hi,
>
>
>I come from Eastern Europe. Recently I got a message from my parents
>that there was an attempt to install eavesdropping equipment in their
>apartment while they were abroad.
>
>During communism our mail correspondence was ocasionally checked and
>phone calls were taped (which we have proofs for), but there was never
>any evidence of eavesdropping equipment (althought we suspected it all
>the time).
>
>My parents do not know whether any equipment has been really
>installed, but there is very strong evidence for an entry into their
>apartment on this very purpose.
>
>I am not a novice to electronics, but I have no experience with
>electronic surveilance, because any information of this kind was
>highly classified in my country. Therefore I would like to ask several
>questions:
>
>1. What is the usual frequency, modulation and power output of
> micro-transmitters used for eavesdropping? Are any special features
> like going off air during silence, or even remote control, which
> could significantly complicate a potential search, commonly used?
>2. What is the usual size and appearance of such a thing? What are the
> most common places it is placed to?
>3. What is the usual methodics of looking for eavesdroping equipment?
> Can you provide me with any tips to facilitate a search?
>4. What kind of equipment is useful or even necessary to conduct a
> search? I know that there is professional equipment for doing this,
> but obtanining such equipment is out of question. Therefore I am
> considering some kind of a scanner. I am now in the U.S. and
> leaving for home in 10 days, so I can buy what is available there,
> but I do not have much money to spend on it.
>
>Sorry, I want to stay anonymous, because this group may be read in my
>country. Answer here or to an162081@anon.penet.fi
>
>Thank you.
>
>-nn

>
>
>--
>To find out more about the anon service, send mail to help@anon.penet.fi.
>Due to the double-blind, any mail replies to this message will be anonymized,
>and an anonymous id will be allocated automatically. You have been warned.
>Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

Well, there is such a thing as a sort of reciever that is called an
interceptor, its about the price of a good handheld scanner, but instead of the
user tuning the thing, it tunes itself to any nearby signal and then listens to
it. I cant remember the model name at this moment, but I will write again
with than info.

6194. Re: Pro-39 modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-12-01 17:11:07 UTC
From: drew.king@omail.wang.com
Message-ID: <D056EK.88p@wang.com>
Source record: 264952

In article <3beank$qa7@mozo.cc.purdue.edu>, stesta@bilbo.bio.purdue.edu says:
>
>I think i just missed this thread, but is my pro-39 modifiable?
>FCC ID:AA020-303 S.NO. #######
>No A in S.NO.
>Any help will be appreciated. stephen

I also have a PRO-39 and would like to know the procedure for removing
the block.

drew.king@omail.wang.com

6195. PRO-39

Newsgroup: rec.radio.scanner
Date: 1994-12-01 17:14:56 UTC
From: drew.king@omail.wang.com
Message-ID: <D056Kx.8CG@wang.com>
Source record: 264953

Hello,

Is there someone out there that can forward me instructions on how to remove
the 800 mhz block?

Thanks,

Drew King, drew.king@omail.wang.com

6196. Re: Bug Freq's?

Newsgroup: rec.radio.scanner
Date: 1994-12-01 17:15:55 UTC
From: mhalver@crl.com
Message-ID: <3bl0cb$e7u@crl7.crl.com>
Source record: 264954

Joshua Jeffery (Joshua.Jeffery@p79.f40.n105.z1.fidonet.org) wrote:
: Hello everyone!

: Does anyone have the freq's most commonly used for bugs and wireless
: mics? Any help would be appreicated.

Secert Service uses bumper beepers on 45 - 46 Mhz, and on 75.00 my local
police department uses 154.4150 for body wire bugs.

: Josh

: ***
: *Joshua Jeffery 1:105/40.79 FIDO Joshua.Jeffery@p79.f40.n105.z1.fidonet.org*
: *FIDO/INTERNET Dwight@Industrial.com Jefferyj@Glencoe.hillsborouh.k12.or.us*
: * USENET Explorer, Wash. Co. Sheriff's Office *
: ***

: ... Coming soon: Netware for the Nintendo!

6197. VERY BEST DESKTOP SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-12-01 18:21:36 UTC
From: rsharp@paul.spu.edu
Message-ID: <3bl47g$jc4@adam.spu.edu>
Source record: 264955

I'm getting ready to make the big plunge. Have a Pro-2032, an ICOM R-1 and a Bearcat handheld (200 channel one, it's out in the car), and a Pro 2026.

I've been playing with scanners since I had to stick those silly little crystals in em to have a big five channels.

So my simple question <G> is...

For a desktop scanner, with the most features, best sensitivity, and either comes with no "gaps" or is modifiable, and is available either in the states or Canada... under $700,

WHAT IS THE BEST?

It seems that everyone keeps hooting about the AOR 8000. So far, this is the one I plan on buying.

Short replies please.

6198. Re: Wireless Mic's. What Freq??

Newsgroup: rec.radio.scanner
Date: 1994-12-01 18:33:43 UTC
From: kjn@netcom.com
Message-ID: <kjnD05A87.BtG@netcom.com>
Source record: 264956

Rob Hall says:
" If someone would tell me at what Frequency I could pick up wireless mics,
" like the ones they use at Rock Concerts and such. Thanks

I have found the following frequencies to be active at concerts. Search the first three bands for additional ones. The frequencies 72-76 Mhz also carry the audio feeds for movie theaters that provide stereo audio for patrons.

Hope this helps.
Ken

Freq	Mode	USE
49 - 50	WFM	Wireless Mics
174 - 216	WFM	Wireless Mics
72 - 76	WFM	Wireless Mics
174.500	WFM	Wireless Mics
176.200	WFM	Wireless Mics
177.600	WFM	Wireless Mics
180.200	WFM	Wireless Mics
180.200	NFM	Wireless Mics
180.400	WFM	Wireless Mics
182.200	WFM	Wireless Mics
186.600	WFM	Wireless Mics
192.600	WFM	Wireless Mics
202.200	WFM	Wireless Mics
208.200	WFM	Wireless Mics
209.000	WFM	Wireless Mics

--
Ken

6199. FOR SALE PRO-39

Newsgroup: rec.radio.scanner
Date: 1994-12-01 18:33:53 UTC
From: mellerso@uga.cc.uga.edu
Message-ID: <mellerso.27.0024C86B@uga.cc.uga.edu>
Source record: 264968
Cross-posted to: rec.radio.scanner,rec.radio.swap

For Sale Pro-39

200 Channel Scanner with 800Mhz. Mint condition less than 2 months old. This radio has not been modified.

Price $150.00 Firm plus shipping.

If interested, contact me via e-mail

Thanks in advance.....

6200. Re: Un-Scannable

Newsgroup: rec.radio.scanner
Date: 1994-12-01 18:35:04 UTC
From: rotnapple@aol.com
Message-ID: <3bl50o$ju@newsbf01.news.aol.com>
Source record: 264959

In article <3bj9uh$g04@newsbf01.news.aol.com>, rwex@aol.com (Rwex) writes:

These systems that transmit of several groups of frequencies are called
Trunked Radio.

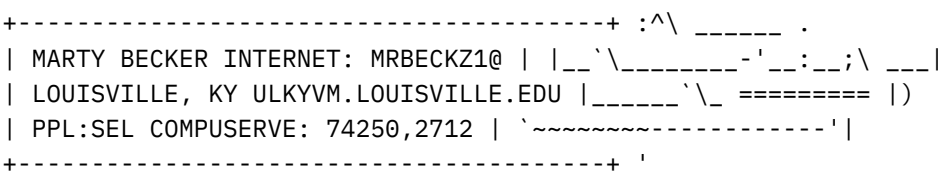
Somewhere there must be a FAQ for scanning, check it for details. Can't
post the details now, but if someone doesn't in the next few days I will.

Greg

6201. Pro-43 Bleed Throughs...

Newsgroup: rec.radio.scanner
Date: 1994-12-01 19:57:27 UTC
From: MRBECKZ1@ulkyvm.louisville.edu
Message-ID: <1707FD257S85.MRBECKZ1@ulkyvm.louisville.edu>
Source record: 264958

I am picking up alot of bleed through of other frequencies with a Pro-43 in the aviation band, particularly in the 126-134 Mhz range. The types of transmissions that are bleeding through are some type of telephone transmissions and pagers. Any one have any ideas why this is happening since the Pro-43 has triple conversion?????



6202. Re: Un-Scannable

Newsgroup: rec.radio.scanner
Date: 1994-12-01 21:51:43 UTC
From: horak@convex.com
Message-ID: <3blghf$6uk@eugene.convex.com>
Source record: 264962

In <3bl50o$ju@newsbf01.news.aol.com> rotnapple@aol.com (RotnApple) writes:

>These systems that transmit of several groups of frequencies are called
>Trunked Radio.

>Somewhere there must be a FAQ for scanning, check it for details. Can't
>post the details now, but if someone doesn't in the next few days I will.

The Police Call books from Rat Shack describe how to scan trunking stuff.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

6203. Re: Windows and OptoScan456

Newsgroup: rec.radio.scanner
Date: 1994-12-01 22:43:51 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3bljj7$e0h@umcc.umcc.umich.edu>
Source record: 264960

Windows software for the Opto is on ftp site ncftp oak.oakland.edu
it's in the ham section and it's called RM.zip and you'll want FM.zip to
manage the freqs too. It's shareware and only $30 to register. It works
like a dream on my Icom R-7000 and R-72 as well as other Icoms and now
the Opto 456. Try it......Les

6204. CTCSS?

Newsgroup: rec.radio.scanner
Date: 1994-12-01 23:14:30 UTC
From: bwkwong@hsc.usc.edu
Message-ID: <3bllcm$rm8@hsc.usc.edu>
Source record: 264961

Hello...just a couple of questions.

What is CTCSS? If I'm able to decode these tones, what then? Who uses CTCSS?

Thanks alot people...

--
+---+
| BRIAN W. KWONG, B.Sc. | University of Southern California |
| bwkwong@hsc.usc.edu | School of Dentistry |
+---+

6205. Re: Shielding pro2006

Newsgroup: rec.radio.scanner
Date: 1994-12-01 23:53:59 UTC
From: aal@cix.compulink.co.uk
Message-ID: <D05p1z.E1B@cix.compulink.co.uk>
Source record: 264964

Does Javiation sell screening spray? I know Maplin Electronics used to,
mind you it was expensive :(

Andy, Manchester, The World!

6206. Re: ICOM R1 -WARNING-

Newsgroup: rec.radio.scanner
Date: 1994-12-01 23:54:01 UTC
From: aal@cix.compulink.co.uk
Message-ID: <D05p22.E23@cix.compulink.co.uk>
Source record: 264965

This sounds like a similar phenomenon I have come across with my two radios.

This happened last night:

The first radio, a Sony 2001D (2010 in US), tuned to 79.65Mhz FM, picked up BBC Radio 2, (which broadcasts in the 88-92Mhz range).

Next to this was a second radio, a Yupiteru MVT7000, also tuned to 79.65Mhz FM, but this was picking up 'Classic FM', which broadcasts at 101.1Mhz!

I have other similar instances to this.

What gives?

Andy, Manchester, The World!

6207. Re: looking for author of scanner mod handbo

Newsgroup: rec.radio.scanner
Date: 1994-12-02 00:01:41 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-0112941900240001@alexander.terranet.com>
Source record: 264963

In article <9411240006591.The_Win-D.dousmi@delphi.com>, dousmi@delphi.com (Doug Smith) wrote:

> In article <3atsk6$fjt@bigblue.oit.unc.edu>, Rob.Cooter@launchpad.unc.edu
> (robert cootert) writes: > looking for information how to post news to fidonet
> to bill cheek???
>
> Find a FidoNet BBS near you that has the SCANNER echo. Mine is one
> 510-827-5714. Hope this helps.

Cheek runs a BBS called Hertzian Intercept: 619-578-9247. Available from 5:30pm to 1:30pm PDT; 24 hours on weekends. You can post messages to him. Anything else, he wants you to pay for.

6208. Nuts & Volts Address Please

Newsgroup: rec.radio.scanner
Date: 1994-12-02 00:40:53 UTC
From: starin@netcom.com
Message-ID: <starinD05r85.22v@netcom.com>
Source record: 264970

Could someone please post the subsription address for NUTS & VOLTS?

Thanks
--
Jeffrey
{New York}

6209. Dallas FD may be moving 800Mhz

Newsgroup: rec.radio.scanner
Date: 1994-12-02 00:40:54 UTC
From: mcw@metronet.com
Message-ID: <D05r87.8Ho@metronet.com>
Source record: 264780

I was listening to Dallas FD Dispatch on 460.575 when at 1800 they sounded the alert tones. The dispatcher said "Testing tones for new 800 megahertz system, KKN377 Fire Dept Dallas" Anyone have any info on what freqs DFD is moving to?

--
Mike Wommack mcw@metronet.com

6210. Scanner BBS's

Newsgroup: rec.radio.scanner
Date: 1994-12-02 01:14:00 UTC
From: martin.drake@woodybbs.com
Message-ID: <93.1370.7592.0NFB6E07@woodybbs.com>
Source record: 264872

Are there any scanner related bbs's around in the world ;-) ?

--- Maximus/2 2.02
* Origin: Packet BBS +44 81 547 1479 (2:254/173)

6211. Digital Phone decoder

Newsgroup: rec.radio.scanner
Date: 1994-12-02 01:19:18 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.941201171708.23504C-100000@holmes.ece.orst.edu>
Source record: 264966

Since a analog cell phone can be used to scan cell phone freqs, could a digital cellular phone be used to scan freqs and also decode it?? Does anyone know of a digital scanner?

6212. BC 200 XLT

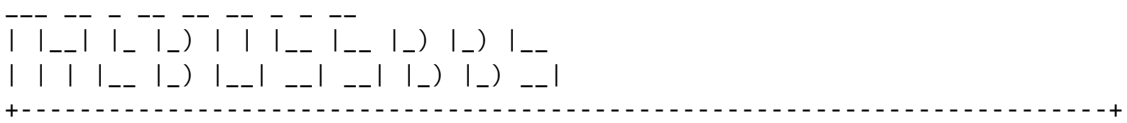
Newsgroup: rec.radio.scanner
Date: 1994-12-02 01:34:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.2218.3415@the-boss.com>
Source record: 264969

Uniden BC200XLT:
Damark,1-800-729-9000 Has them in there catolog for $19-69.99 +
$8.50 S & H. Item No. B-4600-200551 They are factory serviced. I
bought one 4 years ago, it has worked OK all this time.
-=DgP=-

> dominic.post@the-boss.com <
> f309.n2604.z1.fidonet.org <

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

+--+
Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com



+--+

6213. Re: What's from 2000-3000 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-12-02 01:47:14 UTC
From: julian@kesteven.win-uk.net
Message-ID: <178@kesteven.win-uk.net>
Source record: 264972

In article <henniger.786230804@cisco.com>, Mickey Henniger (henniger@cisco.com) writes:
>In <3biglu$svn@garuda.csulb.edu> maverick@csulb.edu (Hiran C. Fernando) writes:
>
>>Does anyone know what traffic there is between 2000-3000 MHz? Is this
>>what is called microwave? Almost all the frequency lists I've seen stop
>>around 2000 MHz.
>
>>Thanks for your help. Feel free to email me directly.
>
>Microwave ovens (i believe) run at about 2.3 to 2.4 Ghz.
>
>
>The PCS frequencies are there as well (e.g. 2.4-2.5 Ghz)
>
>Most scanners don't go over 1.3 Ghz, with some going to 2.0 Ghz.
>Above 2.0 Ghz is really rare.
>
>Any products you guys know about?

some of the satellite receivers over here cover 950-2050Mhz (eg
Pace PRD900)

Julian

6214. Bc200xlt

Newsgroup: rec.radio.scanner
Date: 1994-12-02 01:54:00 UTC
From: dominic.post@woodybbs.com
Message-ID: <93.1369.7592.0NFB6D87@woodybbs.com>
Source record: 264836

Uniden BC200XLT:
Damark,1-800-729-9000 Has them in there catolog for $19-69.99 +
$8.50 S & H. Item No. B-4600-200551 They are factory serviced. I
bought one 4 years ago, it has worked OK all this time.
-=DgP=-

> dominic.post@the-boss.com <
> f309.n2604.z1.fidonet.org <

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

--- QScan v1.131b / 01-0287
* Origin: B.F.W.K. BBS Home of Amateur Radio & UserNet (1:107/594)

6215. What's Your Scanner Strategy

Newsgroup: rec.radio.scanner
Date: 1994-12-02 02:36:19 UTC
From: mmjjmm@post.its.mcw.edu
Message-ID: <3bm173$bt5@post.its.mcw.edu>
Source record: 264971

I recently picked up a new PRO-2006. I am interested in the various methods people on the net program their scanners for flexibility and maximum coverage of important frequencies.

73 Mike
--
Michael J. Malloy Amateur Radio N9WJV
Medical College of Wisconsin Compuserve 70334,3563
Milwaukee, Wisconsin Internet mmjjmm@post.its.mcw.edu

6216. Re: Railroad End of Train Xmitter Data Wanted!

Newsgroup: rec.radio.scanner
Date: 1994-12-02 03:28:19 UTC
From: jbrooker@garnet.msen.com
Message-ID: <3bm48jqoj1@garnet.msen.com>
Source record: 264973

I don't know about the data format, but the EOT freqs are usually 452.9375 and/or 457.9375.

I thought the purpose of the boxes was to permit the crew a way of knowing the train is still intact.

Useful to know since there's no cabooses anymore.

6217. Frequency database programs?

Newsgroup: rec.radio.scanner
Date: 1994-12-02 03:44:35 UTC
From: nldaniel@kong.syr.edu
Message-ID: <3bm573$rlt@newstand.syr.edu>
Source record: 264974

Are there any shareware/public domain programs that can be used to organize and keep track of scanner frequencies? I have heard that there are commercial ones, and I suppose that a spreadsheet could be used. I'm not looking to *control* the scanner, I have a 205xlt, I just want to keep track of frequencies. Any suggestions would be appreciated.

Neer Danielli
nldaniel@mailbox.syr.edu

6218. Re: Roosevelt Field Mall Freqs??

Newsgroup: rec.radio.scanner
Date: 1994-12-02 04:00:18 UTC
From: j4dice@aol.com
Message-ID: <3bm64i$7ih@newsbf01.news.aol.com>
Source record: 264775

In article <1994Nov30.233621.113751@daniel>, hglassma@daniel.drew.edu writes:

>I've checked MONITOR AMERICA, SCANNER MASTER, and BEYOND POLICE CALL
>and I cannot find the freq for the Roosevelt Field Mall in Nassau
>County (Long Island). I'm looking for the security freq. Can anyone
>out there let me know what it is?

>Thank you.

>PS - Roosevelt Field is the largest mall on the east coast......

I believe that Roosevelt Field is managed by Pembrook Management. They are licensed for the following freqs. in Garden City (the 462.xxx are GMRS freqs.):

462.5625
462.5875
462.6125
462.6375
462.6625
462.675
462.6875
462.7125
462.725

464.375
464.925

Hope this helps you find what you're looking for.

Jim Fordyce
Coram, NY
j4dice@aol.com

6219. Which coax for discone?

Newsgroup: rec.radio.scanner
Date: 1994-12-02 05:40:49 UTC
From: maverick@csulb.edu
Message-ID: <3bmc11$c96@garuda.csulb.edu>
Source record: 264777

I am planning to put a Radio Shack discone antenna on my roof for my Pro-2006 scanner. For approximately a 50 foot run, which type of coax should I use, RG-8 or RG-8/M? I had read I should use 50 ohm coax, but I noticed that these two are 52 ohm. Will that damage my scanner?

The Radio Shack discone is $60, and I noticed that Icom sells a similar one for $100 and $120 with 80 feet of coax. Is the Icom superior to the RS for the difference in price, or are they relatively similar in performance.

Again, thank you very much for your help. I really appreciate it as a scanner novice. I try to read to learn as much as possible, so as not to disturb this group with basic questions, but sometimes I find limitations in my resources. You can email me directly if you'd like.

6220. Who Else Is Listening

Newsgroup: rec.radio.scanner
Date: 1994-12-02 06:48:57 UTC
From: cremer@delphi.com
Message-ID: <9412020146591.DLITE.cremer@delphi.com>
Source record: 264779

That (subject line) is the red letter headline in the World & Nation front page of the Las Vegas Sun newspaper for Monday 11-28-94. Quotes:

"It's very sad. People still have an expectation of privacy on a cellular phone," said Winn Schwartau of security consultants Interpact Inc. in Seminole Florida.

But every day more than 17,000 people sign up for cellular phones, estimated to reach 24 Million Americans by year-end.

"It is extreamly easy to pick up conversations," said David Haverling, network director for the Bell Atlantic Mobile cellular system. "The person listening with the equivalent of a scanner is almost a voyuer."

duh-UH

6221. Inmarsat Satellites

Newsgroup: rec.radio.scanner
Date: 1994-12-02 10:16:44 UTC
From: john.hartsell@tnlhub.esnet.com
Message-ID: <b8b_9412030549@tnlhub.esnet.com>
Source record: 264865

Would anybody be able to tell me if they have been able to receive any of the INMARSAT Satellites from the West Coast of California ? Has any one used a ICOM RC-R100 for INMARSAT use ? Any Help ?

6222. Re: HAM Radio Forsale! Blah blah

Newsgroup: rec.radio.scanner
Date: 1994-12-02 12:06:49 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.184.000C1D75@cornell.edu>
Source record: 264788
Cross-posted to: rec.radio.scanner,alt.radio.scanner,

Flame if you like but thinking is also allowed.

Not so, the present administration has deemed it politically incorrect to
think for your self. They must do it for you or else Janet Reno will send
her boys after you.
All misspelling is deliberate!
Carl KB2SGX

Carl KB2SGX (ex-jarhead) Semper Fi
"To those who fought for it, freedom has a flavor
the protected will never know"
unknown Marine; Khe Sahn, Viet Nam

6223. Programming ICOM IC-U16 UHF Transceiver channels

Newsgroup: rec.radio.scanner
Date: 1994-12-02 12:19:06 UTC
From: matthews@resmel.bhp.com.au
Message-ID: <matthews.41.000C51E8@resmel.bhp.com.au>
Source record: 264967

Hi,

I have a IC-U16 hand held transceiver of which 15 channels have been pre-programmed. I would like to program the 16th channel to monitor the local emergency service channel, it's frequency is within the transceiver range. Do I have to send it back to the suppliers (ICOM) or can it be setup through the keyboard, there is nothing in the owner's manual about it.

Thanks,
Ian

6224. WAYSU

Newsgroup: rec.radio.scanner
Date: 1994-12-02 13:43:00 UTC
From: joe.taylor@woodybbs.com
Message-ID: <93.1363.7592.0NFB6D11@woodybbs.com>
Source record: 264826

```
If, perhaps, the fellow that mispronounced YAESU or mis-spelled it might
want to buffer all these retorts and IF there is any type of diability
involved it would be neat to see what lawyers for the Americans With
Disabilities Act could do with them. The fines are tremendous for even
today's lifestyles and it takes so very little to be found guilty......
```

The moral to this little posting is "let it go guys" there may be more
to the WAYSU than superficially seen.
Joe

 BgNet 1.0 12 049/000: Pipeline BBS - Glasgow, Ky - 502-651-2556

6225. For Sale: Realistic Pro-2

Newsgroup: rec.radio.scanner
Date: 1994-12-02 13:43:00 UTC
From: joe.taylor@woodybbs.com
Message-ID: <93.1364.7592.0NFB6D12@woodybbs.com>
Source record: 264827

Hi John:
If your Scanner works okay I'll gladly buy it. Tell me where to send
the money order.
Joe Taylor, Box 1852, Glasgow, KY 42142

• BgNet 1.0•12 • 049/000: Pipeline BBS - Glasgow, Ky - 502-651-2556

6226. OptoScan 456 Info

Newsgroup: rec.radio.scanner
Date: 1994-12-02 14:36:04 UTC
From: ruhe@vms.cis.pitt.edu
Message-ID: <3bnetp$ct3@usenet.srv.cis.pitt.edu>
Source record: 264782

I'm looking for information regarding the OptoScan456. WhatI'm looking
for is how powerful of a computer is needed to run the program and how much
memory is needed. I'm thinking about using n old 8088 that I retired a few
months ago. Also how difficult is the installation of the PCB into an
RS 2006 ?? Thanks for your assistance -Dan-

6227. Re: RS PRO Scanners

Newsgroup: rec.radio.scanner
Date: 1994-12-02 14:38:40 UTC
From: dpfg@ukc.ac.uk
Message-ID: <5725@rook.ukc.ac.uk>
Source record: 264240

In article <786106690snz@javiaton.demon.co.uk> Clough@javiaton.demon.co.uk writes:
>You will find most RS scanners available in the UK & Europe.
>Curently the PRO-39, 44, 43, 46 & 50 are in the handheld range.

DO they still have full cordless phone capability, without having
to take the back off and do lots of crafty things and bust the
device??

Cheers.....

6228. Re: Dallas FD may be moving 800Mhz

Newsgroup: rec.radio.scanner
Date: 1994-12-02 14:47:50 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-0212940847500001@net48.metronet.com>
Source record: 264785

In article <D05r87.8Ho@metronet.com>, mcw@metronet.com (Mike Wommack) wrote:

> I was listening to Dallas FD Dispatch on 460.575 when at 1800 they sounded the
> alert tones. The dispatcher said "Testing tones for new 800 megahertz system,
> KKN377 Fire Dept Dallas" Anyone have any info on what freqs DFD is moving to?

Dallas has a block of TRS (Trunked Radio Systems) frequencies allocated.
I don't know what they are off hand, but they are listed in RS's Police
Call. I believe Dallas will use about 20 frequencies. The police
department will also eventually move to 800 MHz. The city is now divided
up into physical regions, assigned to specific frequencies. When the TRS
comes on line, the scanner listener will be forced to scan all 20
frequencies and listen to all traffic. The TRS unit in each city vehicle
will receive only the communications directed for it (i.e., units in the
Southwest part of the city will receive only SW dispatch). As far as the
city units are concerned, you'll still hear them say "Go to F1" or "Go to
F2", but all they are doing is telling the TRS controller to set them up a
virtual channel.

I believe there is alot of stuff on TRS in the FAQs, so I won't go into it
here. The main reason Dallas hasn't went to TRS (all the suburbs are on
TRS) is the cost. With thousands of radios out there, and TRS units
costing big $$$, it's unlikely that the police department will switch over
completely any time soon. The FD has less units, and that makes it more
practical for switchover.

At any rate, when most cities do switch, they usually simulcast on their
old frequency and the new 800 MHz frequency for quite some time, since the
transition period can take several months.

--
Marc B. Grant
marcbg@metronet.com
Voice Mail: 214-246-1150
Amateur Radio N5MEI

6229. Re: Windows and OptoScan456

Newsgroup: rec.radio.scanner
Date: 1994-12-02 15:00:28 UTC
From: daryll1@aol.com
Message-ID: <3bncqc$e15@newsbf01.news.aol.com>
Source record: 264781

In article <3bgccf$nag@newsbf01.news.aol.com>, vontrapp68@aol.com (VonTrapp68) writes:

VonTrapp68... At the Monitoring Times Convention in Atlanta about 5 weeks ago, I talked to the developer of the ScannerWEAR system, and used the system for a little while. It is a real slick interface and seems to work well. It works with the OS456, Icom R7000, and Icom R7100, which are the three scanners that I have. It was fairly fast for a Windows product, as opposed to RM, which works but is painfully S-L-O-W. I opted for the ScanStar Professional instead, only because it is much faster, and have recently ordered the Commercial edition. Just thought I'd throw in my 2 cents worth.. .....Daryll1

6230. Re: Help protect me from lightning

Newsgroup: rec.radio.scanner
Date: 1994-12-02 15:18:40 UTC
From: richm@on-ramp.ior.com
Message-ID: <3bndsg$k1q@on-ramp.ior.com>
Source record: 264804

I have something that can and will protect you from lightning email
rich.mathes@on-ramp.ior.com

6231. Re: pro 2026 mods

Newsgroup: rec.radio.scanner
Date: 1994-12-02 15:23:02 UTC
From: twwarren@iastate.edu
Message-ID: <twwarren.7.02A3A1D4@iastate.edu>
Source record: 264806
Body handling: Inline uuencoded payload not displayed: SIG.TXT

In article <3b8hno$q39@pipe2.pipeline.com> blunt@pipeline.com (Michael J. Hogan) writes:
>Path:
>news.iastate.edu!newsrelay.iastate.edu!vixen.cso.uiuc.edu!howland.reston.ans.net
>!pipex!uunet!news.pipeline.com!not-for-mail
>From: blunt@pipeline.com (Michael J. Hogan)
>Newsgroups: rec.radio.scanner
>Subject: Re: pro 2026 mods
>Date: 26 Nov 1994 18:52:24 -0500
>Organization: The Pipeline
>Lines: 44
>Message-ID: <3b8hno$q39@pipe2.pipeline.com>
>NNTP-Posting-Host: pipe2.pipeline.com

>From: steuer@clam.rutgers.edu (robert Steuer)
>Newsgroups: alt.radio.scanner
>Subject: PRO-2026 MODS!!!
>Message-ID: <Oct.20.10.55.49.1992.11077@clam.rutgers.edu>
>Date: 20 Oct 92 14:55:50 GMT
>Organization: Rutgers Univ., New Brunswick, N.J.
>Lines: 29

>Hi all, just got these mods, hot off the FAX!

>Note: It is not lawful to monitor cellular or conventional
>mobile telephone conversations.

>The 2026 has cellular frequencies deleted at the factory, but
>restoration is the easiest ever! - clip one marked wire! All
>you need is a Philips screwdriver and wire cutters.

>1. Turn the scanner upside-down and remove the four side screws
>holding the bottom cover in place; pull the cover loose and set
>it back about two inches out of the way.

>2. Locate the small circuit board at the lower right-hand
>corner and find jumper L201. Cut it and slightly separate the
>break.

>3. Reassemble the radio which now has continuous 806-956 MHz
>coverage and 30KHz search increments in the cellular band.

>*** I have not tried the above mod, but did acquire it from a
>commercial radio dealer who is very respectable, so as always,
>proceed at your own risk and realize that this will violate
>your warranty!

>Robert Steuer
>steuer@clam.rutgers.edu
>Rutgers University
>Amateur Radio:KF2EK@N3FOA.#EPA.PA.USA.NA

>Re:Posted by

>blunt@pipeline.com

I have tried this mod and it works great!

****
* Twwarren@iastate.edu SysOp- YODA "Help you I can, Yes..... *
* *
* F O R D M A N Friley20.res.iastate.edu *
****

UUENCODED by Trumpet for Windows [Version 1.0 Rev B final beta #1]

BEGIN--cut here--cut here----

[Inline uuencoded payload not displayed: SIG.TXT]

END--cut here--cut here----

6232. Wanted:Wash. State Patrol and Idaho State patrol Freqs

Newsgroup: rec.radio.scanner
Date: 1994-12-02 15:25:21 UTC
From: richm@on-ramp.ior.com
Message-ID: <3bne91$k1q@on-ramp.ior.com>
Source record: 264805

Does anyone have the freqs for the Washington State patrol (eastern and
or western) or Kootenai County Idaho or Idaho State Patrol?

6233. PRO-43 V.S. AOR AR1000

Newsgroup: rec.radio.scanner
Date: 1994-12-02 15:35:37 UTC
From: drew.king@omail.wang.com
Message-ID: <D06wnE.4Ez@wang.com>
Source record: 264784

Hello,

Does anyone have any information on the PRO-43 from R.S. ?

I am comparing it to the AR1000XLT and the AR8000.

One feature that I would like is the ability to program multiple ranges of frequencies, in addition to channels. I would like to switch between scanning the 2 meter HAM to the 70CM HAM to the 800MHZ without having to reprogram each time. The PRO-43 can only store 1 limited range scan.

Drew.
drew.king@omail.wang.com

6234. Freq Usage Question

Newsgroup: rec.radio.scanner
Date: 1994-12-02 15:41:53 UTC
From: jsaul@np.atinc.com
Message-ID: <199412021541.JAA07690@mail.cs.utexas.edu>
Source record: 264783

I live near a Navy Lab and have been trying to find their security and operations/maintenance frequencies. The security is run by a private company and judging by the antenna on the vehicles, I would guess they operate in the 400 Mhz range. I have searched the business bands with no luck. There is no listing for the security company in the frequency guides that I have. I was wondering if the could be using a frequency in the govt. range (406-420)? The maintenance vehicles are Navy vehicles with US Govt plates. The antenna is a 30" base loaded whip. Any idea where to search for these?

Thanks in advance,

Jim

##
Jim Saul Internet: jsaul@jots1.np.atinc.com
Analysis & Technology, Inc. jsaul@cc.atinc.com
One Corporate Place Phone: (401) 849-5952 x3305
Middletown, R.I. 02842 Fax: (401) 847-6660
##

6235. Re: R.S. scanner date codes?

Newsgroup: rec.radio.scanner
Date: 1994-12-02 16:53:52 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Dec2.115352@hnrc.tufts.edu>
Source record: 264786

In article <1994Dec1.104236.1@spcvxb.spc.edu>, 5leitgeb_c@spcvxb.spc.edu writes:
> Can anyone tell me how to read the date codes on the
> back of Radio Shack scanners or other radios.
> What would a date code of "1A1" on my PRO-2002 or "5A0"

1A1 = Jan, 1991
5A0 = Jan, 1990
they meant
1A1 = Jan, 1981
5A0 = Jan, 1980

How does RS distinguish between decades? (I know . . . there's no product
that's spanned decades so you get it from context.)

6236. Re: Nuts & Volts Address Please

Newsgroup: rec.radio.scanner
Date: 1994-12-02 16:59:24 UTC
From: forbes@intac.com
Message-ID: <3bnjpc$gij@uucp.intac.com>
Source record: 264787

In article <starinD05r85.22v@netcom.com>, starin@netcom.com (Jeffrey Starin) says:
>
>Could someone please post the subsription address for NUTS & VOLTS?

>Jeffrey
>{New York}

T&L Publications, Inc.
430 Princeland Court
Corona, CA 91719
(909) 371-8497
FAX (909) 371-3052
Compuserve ID# 74262,3664

Subscriptions only: 1-800-783-4624

IMHO, one of the best technically orientated publications for the HAM
or electronics experimenter!

I am not in any way connected with the above, only a very satisfied
subscriber...

- 73 -
Thom / N2CBV

6237. Re: yagi antenna for 40-50 Mhz?

Newsgroup: rec.radio.scanner
Date: 1994-12-02 17:01:12 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3bnnnm$gld@newshost.lanl.gov>
Source record: 264838

If you really want an effective 40-50 mHz Yagi just buy
an old 6 meter ham antenna. It is not quite resonant on
40-50 but since you are not going to transmit that has
little effect. If it were still legal to monitor cordless
phone this and a TV type rotor would be very effective particlarly
if the antenna was mounted vertically. 73 de Jerry

6238. Re: Who Else Is Listening

Newsgroup: rec.radio.scanner
Date: 1994-12-02 17:07:22 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D070wB.6JJ@freenet.carleton.ca>
Source record: 264791

In a previous article, cremer@delphi.com (charlie cremer) says:

>That (subject line) is the red letter headline in the World & Nation
>front page of the Las Vegas Sun newspaper for Monday 11-28-94. Quotes:
>
>"It's very sad. People still have an expectation of privacy on a cellular
>phone," said Winn Schwartau of security consultants Interpact Inc. in
>Seminole Florida.
>
>But every day more than 17,000 people sign up for cellular phones,
>estimated to reach 24 Million Americans by year-end.
>
>"It is extreamly easy to pick up conversations," said David Haverling,
>network director for the Bell Atlantic Mobile cellular system. "The
>person listening with the equivalent of a scanner is almost a voyuer."
>
Does that mean the person on the cell phone is an exhibitionist???

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

6239. Re: Dallas FD may be moving 800Mhz

Newsgroup: rec.radio.scanner
Date: 1994-12-02 17:22:12 UTC
From: horak@convex.com
Message-ID: <3bnl44$k8n@eugene.convex.com>
Source record: 264790

In <3bn47o$lgn@nntp.crl.com> Flying Turtle <vhealey@crl.com> writes:

>mcw@metronet.com (Mike Wommack) wrote:
>>
>>
>> I was listening to Dallas FD Dispatch on 460.575 when at 1800 they sounded the
>> alert tones. The dispatcher said "Testing tones for new 800 megahertz system,
>> KKN377 Fire Dept Dallas" Anyone have any info on what freqs DFD is moving to?

A friend of mine works for the Dallas FD and has been in training for
the new radio system for some time. They are going to 800 MHz. I don't
know what freqs yet.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

6240. Re: Grundig Sat 700 for sale $265 (price adjusted)

Newsgroup: rec.radio.scanner
Date: 1994-12-02 17:22:13 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3bnl45$dql@nntp.crl.com>
Source record: 264792
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,misc.forsale,alt.radio.scanner

The price has been adjusted down to $265 or best offer. A ham adviced me that
these radios can be bought on sale for $349 in New York City Cammera shops.

He also advised me there is a source for the eproms that is only $2! per chip.
You can program as many chips as you want and several can be in the radio
for instant access at any one moment. IMHO that makes this fine radio any even better
value.

Flying Turtle <vhealey@crl.com> wrote:
>
> I just purchased an AR8000 Sw/scanner and I am selling an eight
> month old Grundig Sat 700. This world class radio is in
> perfect condition. This radio realisticly can currently be bought around
> $399 from various sources. brand new.This radio is IMHO one of the finest
> SW AM and FM radios available anywhere in the WORLD.
>
>
> I will send it any where in the USA insured UPS express when I have
> $265 in hand. This radio can accept the high density Nicads from RS
> an it will charge them internally with a flip of a switch in the battery
> compartment. I use a plain set of Akline C cells and they seem to last and
> last! This radio also has programable chips that allow you to swap frequencies and data
> with others. These eproms merely sanp in and out.
>
> One feature that is really neat here in Atlanta Ga is the RDS which
> on FM after you tune in a station like 90.1 which is NPR the display
> says in English Public Radio which it gets off the fm signal.
>
> Other features are the sync decoder that locks sw am signals
> an cancels out problems that lesser radios have in giving you
> understandable audio when sw conditions are very poor.
> Some Sony radios have this feature also. Large English
> tags can be stored along with frquencies in the 256 posiiton
> eprom already in the set. There is another rom with permenant memory
> storage of key sw broadcasters. It will take two more roms which are around $15- $25
> each from Grundig or your parts place.
>
> More info can be had by emailto:vhealey@crl.com or mailto:vh@ping.com
> or mailto:vic@ping.com
>
> or call 1-404-435-6939 today or late Sat or Sun
> ask for Victor Healey if you get my wife.
>
> If someone wires me the cash by Mon noon, I will include a

> Tandy Computer case that is perfect for this radio. The case is an
> attractive blue and fully padded with room for extra batteries
> on the side. The case cost $40 when I bought it and and it is still
> worth it.
>
> Vic
>
>
>
> The manuals that come with it were destroyed
> about 5 minutes after I bought it by my spilling coffee on them.
> They had a clay finished on each page and it disolved sticking
> them together. You can still read them, they just suck.
> One probably get a new copy of the manuals from Grundig USA but there
> are only about a couple dozen pages in English for the US market and I didn't
> think it was worth it.

6241. Re: PRO-43 V.S. AOR AR1000

Newsgroup: rec.radio.scanner
Date: 1994-12-02 17:26:27 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D071s4.9IK@nntpa.cb.att.com>
Source record: 264683

In article <D06wnE.4Ez@wang.com>,
Drew King <drew.king@omail.wang.com> wrote:

>Does anyone have any information on the PRO-43 from R.S. ?

- 1 -

THE RADIO SHACK PRO-43 PORTABLE SCANNER

by Bob Parnass, AJ9S

The new Radio Shack PRO-43 is a small portable scanner made by General Research Electronics (GRE) which lists for about $350. Although it is a good step above other Radio Shack portable scanners, hobbyists awaiting a portable version of the famous PRO-2006 scanner will be somewhat disappointed.1 For instance, the PRO-43 is an "extended coverage" and not a continuous coverage scanner, covering these bands:

30 - 50 MHz (5 kHz steps), [30 - 88 MHz after modification]
118 - 136.975 MHz (25 kHz steps)
137 - 174 MHz (5 kHz steps)
220 - 225 MHz (5 kHz steps)

225.0125 - 512 MHz (12.5 kHz steps)

806 - 823.9375 MHz (12.5 kHz steps) [806 - 999.9875 MHz after modification]
851 - 868.9375 MHz (12.5 kHz steps)
896 - 999.9875 MHz (12.5 kHz steps)

Note the omission of the 10 meter ham band, the cellular phone band, the 75 MHz band, and the lack of coverage above 1000 MHz. Luckily, the September 1992 issue of Monitoring Times details a modification to restore cellular phone band coverage and expand VHF-low band coverage to 30 - 88 MHz.2

While the PRO-2006 has 400 channels, the PRO-43 has only 200 channels divided into 10 banks. Individual lockout and 2 second rescan delay may be selected for each of the memory channels. Users may select between AM and narrow band FM on any frequency. The PRO-2006 has 10 pairs of search limits

---

1. See "The Realistic PRO-2006," by Bob Parnass, AJ9S, in Monitoring Times, October 1990.

2. Speaking from experience, this modification is conceptually simple, but is quite a bit more difficult than restoring coverage in other scanners. It requires skill and good tools, including a tiny soldering iron. One must desolder a tiny surface mount diode and resolder it in a different place observing the proper polarity.

but the PRO-43 has only one pair and the step sizes are factory set. The PRO-2006 had selectable step sizes.

Both models have 10 "monitor" memories which can be written manually during a search.

The HyperscanTM feature means the PRO-43 is supposed to scan at 25 channels per second and search at 50 steps per second. The radio scans twice as fast, measured at 50 channels per second by the reviewer! When enabled, the priority channel is checked every 2 seconds. As in the PRO-2006, any channel may be designated as the priority channel.

Physical

The PRO-43 is just the right size for a portable scanner. It is smaller than the PRO-37 and Uniden 200XLT but larger than the tiny Icom R1.3 The gray plastic case feels about the same as a 200XLT, neither as rugged as the Icom IC-2GAT walkie talkie, nor as thin and chintzy as the PRO-37. Inside, there are 3 printed circuit boards and most of the components are of surface mount technology.

The top panel contains volume and squelch knobs, a 1/8" earphone jack, and a BNC antenna connector. A plastic belt clip of dubious strength is fastened to the rear with 2 screws.

A semirigid rubberized antenna is furnished with the PRO-43.

Performance Issues

The PRO-43 and Uniden 200XLT were tuned to the same frequencies both using their stock rubberized antennas.

On 857.4375 MHz, the PRO-43 heard Joliet Police signals full quieting which barely broke squelch on the 200XLT, due partly to the poor 800 MHz performance of the antenna supplied with the 200XLT. When the PRO-43 antenna was placed on the 200XLT, the 200XLT reception improved noticeably, but it was still not as good as the PRO-43.

---

3. See "Uniden/Bearcat 200XLT Scanner Review," by Bob Parnass, AJ9S, in the RCMA Journal, October 1988.

On 146.94, 162.475, and 460.1 MHz, the PRO-43 and the 200XLT were close in sensitivity.

When connected to an outdoor AV-801 antenna, paging interference rendered several VHF high band channels unusable. The problem disappeared when using the rubberized antenna supplied instead.

Owing to the use of up conversion, a high first intermediate frequency, images don't appear to be a problem as they were on other Radio Shack portable scanners like the PRO-34 and PRO-37. The PRO-43 IF frequencies are specified at 608.005 - 611.2 MHz, 48.5 MHz, and 455 kHz.

Somewhat "Mushy" Audio

The PRO-43 uses an LM-386 audio output IC and the radio is loud enough, but distorts severely when the volume control is advanced too far. This is partly due to the internal speaker as there is less distortion when using an external Motorola lapel speaker plugged into the earphone jack.

The PRO-43 audio lacks high frequency response. By comparison, the Uniden 200XLT has cleaner audio and more of it, especially when using the internal speaker.

Batteries

The PRO-43 requires 6 AA batteries, but none are included. A battery clip slides up into the bottom of the radio case and a separate trap door slides over it. Alkaline cells or NiCd cells will bring the scanner to life. Like most other Radio Shack portables, there are 2 jacks on the side, but they are smaller than usual. An optional, AC operated "wall wart" power supply/charger can power the radio or recharge NiCd batteries.

Current drain from batteries was measured at 88 ma. while scanning and 90 - 140 at various settings of the volume control with the squelch open. The PRO-43 averages 36% higher current drain than the 200XLT which means the batteries will need recharging more frequently.

Keyboard and Display

The user manual explains that the KEYLOCK slide switch "disables the keypad to prevent accidental program changes." In truth, most of the keys are disabled. The MANUAL and SCAN

keys remain enabled.

The liquid crystal display (LCD) is a smaller version of the display on the PRO-37. Being smaller, it is somewhat more difficult to read than the 200XLT display. Pushing the LIGHT button lights a single lamp behind the display. It stays lit for only as long as you keep the button pressed and is not latched or timed as in the 200XLT.

Summary

People who want a portable which covers both civilian and military aircraft frequencies should check out the PRO-43. The PRO-43 will be attractive to hobbyists who want more frequency coverage and fewer images in a smaller package than the PRO-37 or Uniden 200XLT and who don't want to fight the problems of using the more feature rich AOR 1000XLT.

x
IMPROVED AUDIO FOR THE PRO-43 SCANNER

by Bob Parnass, AJ9S

The Radio Shack PRO-43 scanner audio is too bassy.1 The lack of treble makes it difficult to hear the PRO-43 in noisy situations, especially while listening in a car or truck. Louis Shirley sent me a schematic and suggested I remove C341, a tiny 0.015 ufd surface mount capacitor.

I'm glad to report that removing C341 made a great improvement. The audio is now much "crisper," more like the Uniden 200xlt, although still not quite as loud. Turning the volume control up still overloads the PRO-43's small, internal speaker, but there's less need to do that once C341 is removed.

The PRO-43 contains 3 printed circuit boards, and the middle (second) board contains the audio circuitry. Finding C341 is difficult, as it is neither marked with a value nor a component designation. It is located on the foil side of the middle board, under IC304, an LM386 amplifier IC. C341 is in parallel with, and physically next to, R350 (33,000 ohm). R350 is slightly larger than C341 and is marked 333. Both R350 and C341 are connected between pin 2 of the LM386 and ground.

A Note About 50-88 MHz Reception

Now that I have a schematic, I see that the European version of the PRO-43 has different coils and capacitors in the low (mid) band front end filter. That explains why the 75 MHz sensitivity isn't stellar after adding diode D3 to enable 30-88 MHz coverage.

---

1. See "PRO-43 Product Review," by Bob Parnass, AJ9S, in
the November 1992 RCMA Journal.

--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6242. Re: yagi antenna for 40-50 Mhz?

Newsgroup: rec.radio.scanner
Date: 1994-12-02 17:29:39 UTC
From: Bill McCall <70003.4300@CompuServe.COM>
Message-ID: <3bnli3jo2@mhadg.production.compuserve.com>
Source record: 264793

Dear nobody,

I don't have any experience with directional antennas with my scanner, but my experience with cordless phones and my scanner and I have found my range to be 3 or 4 blocks with the rubber ducky antenna, about 1/2 mile with a telescoping antenna, and around 1.5 miles when hooked to the old omni-directional ground plane that is 30 feet off the ground at my house. Usually the limiting factor isn't the distance, but the fact that it can be hard to find a channel, of the 10 in this range, that someone closer isn't using. I guess a directional antenna may be the ticket then. An interesting question. I'll read with interest any other replies you get.

--
Clowns to the left of me, Jokers to the right, here I am stuck in the Internet with you!

6243. Re: December Monitoring Times, Terrible article, inaccurate etc.

Newsgroup: rec.radio.scanner
Date: 1994-12-02 17:31:48 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3bnlm4$dql@nntp.crl.com>
Source record: 264794
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

crisp@netcom.com (Richard Crisp) wrote:

> No, I don't want to make trouble for Grove or anyone else, but I am also
> interested in making sure there is not price fixing going on here either as it
> does affect my pocketbook. I also would like to see MT clean up its act
> and make sure that they publish factually accurate articles and ensure that
> they are of high quality and not cater only to newbies that don't know
> which of the soldering iron to hold! This is my major complaint too
> about their MT convention. There just is not much there for the non-beginner
> and I think that is a shame and is ignoring the fact that their readers
> do progress in their knowledge, capability and sophistication.
>
> Yes, all faults considered, MT is the best thing around for a monthly
> publication, but it pains me to see how it could easily be better and
> to see it moving in exactly the opposite direction.
>

I know Bob and take him and his magazine with ALOT of SALT.
He got mad with ACE communications who was a supplier of his aor radios
and the end result was that ACE refused to do any more business with him other then
a nominal advertizing presence of an old ad in his magazine.

How many other vendors of equipment has he alienated by his
business practices.

The only magazine that has lighter weight articles then Monitoring Times
is Popular Communciations. I get neither on a regular basis.

Ki4je

6244. Re: AOR AR3000A

Newsgroup: rec.radio.scanner
Date: 1994-12-02 17:40:57 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3bnm79$f75@sparc.occ.uky.edu>
Source record: 264789

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: In article <KMOUBK4G@obh.in-berlin.de> solon@obh.in-berlin.de (Solon Luigi Lutz) writes:
: >My problem is: I am desperately seeking software for this scanner !
: >If anybody has some, knows an ftp-site for it - then please EMAIL me !

: There are several programs on Compuserve that might interest you. They are in
: the Hamnet forum.

For us non-Compuserve people, would someone copy them to an ftp site?

Thanks!

: Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
: Intel Corp.
: American Fork, UT DoD#1461

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

6245. Re: Railroad End of Train Xmitter Data Wanted!

Newsgroup: rec.radio.scanner
Date: 1994-12-02 18:51:12 UTC
From: mcinnis@austin.ibm.com
Message-ID: <D075pD.2CGE@austin.ibm.com>
Source record: 264856

In article <3bh3qs$1cp@newsbf01.news.aol.com>, pfferris@aol.com (PFFerris) writes:
> Greetings,
>
> This might be a bit esoteric or inappropriate, but I'll ask anyhow... does
> anyone here know the frequency and gorry details of the End of Train
> xmitters?...

They are a 457.937 Mhz. Almost all railroads except (I think) Norfolk
Southern use the same frequency. NS uses a frequency in the standard
161 MHz train frequencies. Each Fred has a "code number" on it that is
dialed into the receiver in the engine to make each engine pick up it's
own FRED transmissions.

It's a short "chirp" sound that occurs about every 30 seconds or so. Actually,
I think they send periodically or whenever the brake pressure changes or
the FRED starts moving.

The signal is weaker than you might think. You often have the head of
an approaching train in sight before you hear the FRED on a scanner.
Also, since the duty cycle is so low, you can't just put the frequency
in a scan channel and expect to catch it very often.

FRED's transmit brake pipe pressure and a signal when the train starts
moving. (I think) Most current FRED's are one way, but there is
talk about putting a two way link to allow the engine to tell the
FRED to dump air for emergencies. This may be already in place
on some railroads.

I don't know how the data is coded, but it does sound a bit like
1200 baud modem or packet radio signals.
--
Mickey McInnis - mcinnis@austin.ibm.com (mcinnis@vnet.ibm.com outside IBM)
--

6246. Freq database on the net

Newsgroup: rec.radio.scanner
Date: 1994-12-02 19:10:22 UTC
From: gwod@rye.az.stratus.com
Message-ID: <3bnreu$qoj@transfer.stratus.com>
Source record: 264796

Hello:

Has anyone encountered an Internet site with a frequency database that will allow ftp or queries of selected information? I am interested in obtaining public service, military and commercial HF/VHF/UHF frequencies on a state/county/town level.

I have the common text based directories, but I am looking for someting on the net.

Any valid suggestions or experiences are welcome.

Thanks,

Greg
Fountain Hills, AZ
N2MFG
gwod@az.stratus.com

6247. Re: R.S. scanner date codes?

Newsgroup: rec.radio.scanner
Date: 1994-12-02 19:11:15 UTC
From: paul opitz <76703.2041@CompuServe.COM>
Message-ID: <3bnrgj$1vc$1@mhadg.production.compuserve.com>
Source record: 264795

The first letter indicates the month (1=january; 2=february...).
The letter 'A' indicates that the unit was imported through
Tandy's trading company 'A & A'. The final digit indicates the
year of manufacture (1=1991; 2=1992...note that 1 could also be
1981, 2:.1982...the last digit is reused every 10 years).

Paul Opitz
Radio Shack Publications

6248. Re: Programming ICOM IC-U16 UHF Transceiver channels

Newsgroup: rec.radio.scanner
Date: 1994-12-02 19:32:50 UTC
From: kjn@netcom.com
Message-ID: <kjnD077Mq.8pH@netcom.com>
Source record: 264799

Ian Matthews says:
" Hi,

" I have a IC-U16 hand held transceiver of which 15 channels have been
" pre-programmed. I would like to program the 16th channel to monitor the local
" emergency service channel, it's frequency is within the transceiver range. Do
" I have to send it back to the suppliers (ICOM) or can it be setup through the
" keyboard, there is nothing in the owner's manual about it.

Ian, I've sent you the programming password via e-mail.
--
Ken

6249. Re: Dallas FD may be moving 800Mhz

Newsgroup: rec.radio.scanner
Date: 1994-12-02 19:39:45 UTC
From: lrk@netcom.com
Message-ID: <lrkD077yA.8xx@netcom.com>
Source record: 264800

In article <marcbg-0212940847500001@net48.metronet.com>,
Marc B. Grant <marcbg@metronet.com> wrote:
>In article <D05r87.8Ho@metronet.com>, mcw@metronet.com (Mike Wommack) wrote:
>
>> I was listening to Dallas FD Dispatch on 460.575 when at 1800 they sounded the
>> alert tones. The dispatcher said "Testing tones for new 800 megahertz system,
>> KKN377 Fire Dept Dallas" Anyone have any info on what freqs DFD is moving to?
>
>Dallas has a block of TRS (Trunked Radio Systems) frequencies allocated.
>I don't know what they are off hand, but they are listed in RS's Police
>Call. I believe Dallas will use about 20 frequencies. The police
>department will also eventually move to 800 MHz. The city is now divided
>up into physical regions, assigned to specific frequencies. When the TRS
>comes on line, the scanner listener will be forced to scan all 20
>frequencies and listen to all traffic. The TRS unit in each city vehicle
>will receive only the communications directed for it (i.e., units in the
>Southwest part of the city will receive only SW dispatch). As far as the
>city units are concerned, you'll still hear them say "Go to F1" or "Go to
>F2", but all they are doing is telling the TRS controller to set them up a
>virtual channel.
>
>I believe there is alot of stuff on TRS in the FAQs, so I won't go into it
>here. The main reason Dallas hasn't went to TRS (all the suburbs are on
>TRS) is the cost. With thousands of radios out there, and TRS units
>costing big $$$, it's unlikely that the police department will switch over
>completely any time soon. The FD has less units, and that makes it more
>practical for switchover.
>
>At any rate, when most cities do switch, they usually simulcast on their
>old frequency and the new 800 MHz frequency for quite some time, since the
>transition period can take several months.

Close. Just not right.

So far it's only Dallas Fire Dept. 10 channels in an Ericsson-GE trunked
system with two additional simplex channels. All between 866 and 869 MHz.

Dec 1 at 1800 (maybe 1900) hrs started a 30 day acceptance test. If it
fails, they start over. The system uses six transmit sites transmitting
simultaneously. Since multiple transmitters interfere with each other,
it sounds real crappy. There is a control channel like Motorola systems
but it can be any of the ten channels.

The logical 'talk groups' include one for each of the batallion chiefs
so a structure fire will be worked on the group for the first chief

assigned. The other equipment and every firefighter will go to a channel
which gets re-grouped over-the-air to the chief's channel.

For now, VHF channels are paralleled onto 800 MHz channels.

A communications-disaster waiting to happen.

-- --
| 73, internet | lrk@k5qwb.lonestar.org |
| Lyn Kennedy | lrk@wb5nrn.cirr.com |
| pony express = P.O. Box 5133, Ovilla, TX, USA 75154 |
---Livin' on an information dirt road a few miles off the superhighway---

6250. Re: Which coax for discone?

Newsgroup: rec.radio.scanner
Date: 1994-12-02 19:43:15 UTC
From: horak@convex.com
Message-ID: <3bntcj$un@eugene.convex.com>
Source record: 264798

In <3bmc11$c96@garuda.csulb.edu> maverick@csulb.edu (Hiran C. Fernando) writes:

>I am planning to put a Radio Shack discone antenna on my roof for my
>Pro-2006 scanner. For approximately a 50 foot run, which type of coax
>should I use, RG-8 or RG-8/M? I had read I should use 50 ohm coax, but I
>noticed that these two are 52 ohm. Will that damage my scanner?

Nope. The ohms stuff is only critical for transmitting. 75 ohm coax
will work fine too. In fact, 75 ohm will do for transmitting too as
long as you aren't running a lot of power and you have a fairly modern
rig....but that's another topic. Since you have a 50 foot run of it,
get something "low loss" since you'll be attenuating UHF frequencies a
bit with a 50 foot run. With 50 feet, RG8 will do but RG58 might not.

>The Radio Shack discone is $60, and I noticed that Icom sells a similar
>one for $100 and $120 with 80 feet of coax. Is the Icom superior to the RS
>for the difference in price, or are they relatively similar in performance.

Get one with the vertical whip if you want good results on freqs below
100 MHz. Otherwise, the Rat Shack antenna will do fine above 100 MHz.

>disturb this group with basic questions, but sometimes I find limitations
>in my resources. You can email me directly if you'd like.

It is a fairly frequent question, but one I'm sure many folks need an
answer to periodically.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

6251. Re: Programming ICOM IC-U16 UHF Transceiver channels

Newsgroup: rec.radio.scanner
Date: 1994-12-02 20:03:57 UTC
From: ligosa@pipeline.com
Message-ID: <3bnujd$fln@pipe2.pipeline.com>
Source record: 264814

Hi Ian,
I just got a U-16 also.
Leave me a number where I can Fax you the instructions you
need.

Chris...

ligosa@pipeline.com

6252. Re: CHP plane frequency?

Newsgroup: rec.radio.scanner
Date: 1994-12-02 20:18:35 UTC
From: dparker@netcom.com
Message-ID: <dparkerD079qz.HAn@netcom.com>
Source record: 264801

```
: Has anyone actually heard them operating on this freq? Earlier this year I
: drove down I5, from San Francisco to LA, with 45.020 as the priority freq on
: the scanner, and never heard a thing. And that wasn't the first time.

If you see one in the sky try your CB....yes CB. We had one
in the Livermore area recently having pretty friendly conversations
with the truckers on 17. Might be worth a try to give them a shout
on the radio just for fun!

Dave

-------------------------------
Dave.......San Joaquin Valley, California
```

6253. Re: December Monitoring Times, Terrible article, inaccurate etc.

Newsgroup: rec.radio.scanner
Date: 1994-12-02 20:26:15 UTC
From: domonkos <domonkos@access.digex.net>
Message-ID: <3bnvt8$kf7@news1.digex.net>
Source record: 264825
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

I find MT a very good source of general information for the scanner/
shorwave hobbyist. I subscribed to Pop-Comm for a year and dropped
it, they occassionally carry good articles but I'd rather weed thru
it at the newstand and select the issues I want. Every month MT
has uselful info I use for shortwave listening.

Andy

6254. Re: Freq database on the net

Newsgroup: rec.radio.scanner
Date: 1994-12-02 20:48:27 UTC
From: glickman@panix.com
Message-ID: <3bo16r$s1e@panix.com>
Source record: 264802

Greg Wodynski (gwod@rye.az.stratus.com) wrote:
: Hello:

: Has anyone encountered an Internet site with a frequency database that
: will allow ftp or queries of selected information? I am interested in
: obtaining public service, military and commercial HF/VHF/UHF frequencies
: on a state/county/town level.

The best I've found is a WWW site,

http://dice.dac.neu.edu/Homepages/paul/freqs/
--

Gary M. Glickman
glickman@panix.com

6255. ***AOR1000 and FC For Sale***

Newsgroup: rec.radio.scanner
Date: 1994-12-02 21:03:08 UTC
From: Michael Alexander <michael@alexander.terranet.com>
Message-ID: <3bo22c$54i@bighorn.terra.net>
Source record: 264803

I'd like to sell my AOR 1000XLT hand-held scanner:
--500KHz to 1300 MHz. (no gaps).
--1000 channel memory
--Scans and searches at 20 ch/sec
--10 scan banks; 10 search banks
--AM/FM/WFM
-- Increments of 5 to 995 KHZ
Unit comes with all accessories
(case, strap, earphone, 4 AA nicads, AC adapter, rubber duck
antenna and AOR's cheesy instruction book). Also
included is "Guide to AR1000," a whip antenna and cassette-car
adapter to playback scanner thru autosound tape system.
Paid $460 plus shipping for all in July. Sell for☐ $370 plus
shipping.

Also for sale: Optotronics 3300 frequency counter.
Built-in rechargeable batt; covers to 2.8 GHz;
fast/slow gate times; telescope whip; hold
button. Paid. $140 plus shipping in June. Sell for
$95 plus shipping.

Both in pristine condition. Haven't used either as
much as I thought I would. Reply by e-mail if seriously
interested. Thanks.

6256. Re: Nuts & Volts Address Please

Newsgroup: rec.radio.scanner
Date: 1994-12-02 21:20:03 UTC
From: cowboy2002@aol.com
Message-ID: <3bo323$ht2@newsbf01.news.aol.com>
Source record: 264808

In article <starinD05r85.22v@netcom.com>, starin@netcom.com (Jeffrey Starin) writes:

Nuts & Volts Magazine
430 Princeland Court
Corona, CA 91719

1-800-783-4624

6257. Wilmington MA PD Tac 5

Newsgroup: rec.radio.scanner
Date: 1994-12-02 21:37:17 UTC
From: chris@ll.mit.edu
Message-ID: <1994Dec2.213717.17810@ll.mit.edu>
Source record: 264812

To all of you who gave me advice on how to locate, I have finally done it. The Tac 5 frequency is 485.387. It is one of their input channels.

Thanks again for all your help!

Chris

6258. Percon Help?

Newsgroup: rec.radio.scanner
Date: 1994-12-02 21:44:00 UTC
From: sjp117@psu.edu
Message-ID: <sjp117.5.2EDF951F@psu.edu>
Source record: 264807

I have recently purchased the PERCON FCC database. I am generally very pleased with it. I am just having trouble with understanding the section that reads "special conditions" in the licenses.

These "special conditions" often read something like ex. #18 154.890

Does anyone know what these number codes mean? I have seen them go as high as the 70's.

Also I have noticed that some frequencies show an OPERATIONAL VICINTY that says something like "70 MIRA Houston", even though it might be a Pennsylvania license. Could a Pennsylvania station possibly interfere with a Houston station? Even in the 155.xxx range?

Thank you,
Steve

6259. Re: CTCSS?

Newsgroup: rec.radio.scanner
Date: 1994-12-02 22:00:14 UTC
From: andycl168@aol.com
Message-ID: <3bo5de$ib7@newsbf01.news.aol.com>
Source record: 264809

In article <3bllcm$rm8@hsc.usc.edu>, bwkwong@hsc.usc.edu (Brian W. Kwong) writes:

>Hello...just a couple of questions.
>
>What is CTCSS? If I'm able to decode these tones, what then? Who uses
>CTCSS?
>
>Thanks alot people...

CTCSS is a subaudible tone transmitted along with the voice traffic. It stands for Continous Tone Carrier Squelch System. In places where many agencies and business use the same frequencies, CTCSS is used to control access to repeaters and lock out outsiders. By decoding the CTCSS tones, you decide who you will listen to on a multi-agency frequency.

Andy Clark
clarkan@yang.earlham.edu

6260. Re: FREQUENCY POSTING

Newsgroup: rec.radio.scanner
Date: 1994-12-02 22:15:16 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9412022215.0V9IA01@chrysalis.org>
Source record: 264835

when posting frequencies, why would you want to know the pl? you dont need it to listen to the frequencies.
Brian Oakley A.R.S WB5KXW Ft. Worth, TX brian.oakley@chrysalis.org

6261. Uniden 900mz Phone

Newsgroup: rec.radio.scanner
Date: 1994-12-02 22:16:52 UTC
From: jlager@w8hd.org
Message-ID: <3bo6ck$8hj@tango.w8hd.org>
Source record: 264810

For those of you who own a Uniden 9100 or 9200 cordless 900mz phone and want more range, here is a way to increase it that has worked for me.

Buy a Radio Shack #270-1412 "replacement telescoping antenna" for $3.49 Remove the bottom section (screw) and substitute the remaining section for the factory base antenna. Fully extended, the new antenna is about 3X longer. Connection is mechanically identical to original antenna.

Other methods that involve coax or longer wavelengths can detune the multiplexer, but this mod works very well. And of course, get the base unit as high as possible.

BTW, if you normally experience a "hum" in the audio, be sure the base is not sitting on a metal surface.

Enjoy-
Jim Lagerkvist
jlager@w8hd.org

P.S. - If you have any comments to share about this phone, please email me. Exploring this product has become a hobby with me.

6262. Re: Pro 39

Newsgroup: rec.radio.scanner
Date: 1994-12-02 22:46:05 UTC
From: Ed_Velez@smtp.svl.trw.com
Message-ID: <Ed_Velez-0212941446050001@macj713.svl.trw.com>
Source record: 264818

In article <5i-W9Ta.ebdavidson@delphi.com>, ebdavidson@delphi.com wrote:

> Michael Paul <mpaul@sr.hp.com> writes:
>
> >I get cell calls in the 859-865 MHz range. What's in the 868-894 range?
> >Just more of the same?
> > Mike
>
> Mike - I also get cellular and some business and public safety in the 851-
> 868 range. I'm not sure if it's real or an image. In any case, 868-894 is
> supposedly "common carrier" cellular phones. 894-896 I believe is airphone.

869-894 is base to mobile or fvc(Forward voice channel)
824-849 is mobile to base or rvc(Reverse voice channel)

859-865 range is used for commercial (not consumer) cellular traffic by
Nextel Corp.

894 -896 is used for commercial airlines

--
Ed Velez / KD2PM "Yet another transplant NJ----->CA"
kd2pm@n0ary.#nocal.ca.usa
kd2pm@aol.com
Ed_Velez@smtp.svl.trw.com

6263. Re: PRO-39

Newsgroup: rec.radio.scanner
Date: 1994-12-02 22:55:27 UTC
From: Ed_Velez@smtp.svl.trw.com
Message-ID: <Ed_Velez-0212941455270001@macj713.svl.trw.com>
Source record: 264819

In article <D056Kx.8CG@wang.com>, drew.king@omail.wang.com (Drew King) wrote:

> Hello,
>
> Is there someone out there that can forward me instructions on how to remove
> the 800 mhz block?
>
> Thanks,
>
> Drew King, drew.king@omail.wang.com

Here is the instruction package straight from Buffalo.edu:

This modification is courtesy of Monitoring Times magazine and the Grove Enterprises BBS - Brasstown, NC. 704-837-9200/704-837-5957/704-837-7081 (High Speed Modem).

Realisticr PRO-39 Cellular Restoration Instructions By Larry Wiland

NOTE: It is unlawful to monitor mobile telephone conversations, including cellular. Although the procedure described below will restore the missing cellular frequencies to your radio, it is possible to hear this range without any modification whatsoever by tuning in the image frequencies 21.6 MHz higher than the deleted ranges. Cellular calls will be heard from 894.01- 915.6 MHz on your scanner without restoration.

Grove Enterprises assumes no responsibility for damages or other liability resulting from attempting to duplicate this procedure. It is possible that this modification may void your warranty.

TOOLS NEEDED: Fine-tipped soldering iron, desoldering wick, small Philips screwdriver, long-nosed pliers, rosin core solder.

(1) Remove the battery door, holder and batteries from the bottom of the radio.

(2) Remove the 4 screws from the back of the scanner and carefully lift the back off.

(3) Unplug the two wiring harnesses at their connectors and remove the six bright colored screws holding the circuit board in place. Unsolder the ground wire from the lower right corner of the circuit board. Unsolder the two wire connections from the BNC antenna connector at the board. Carefully lift the board (grasping it near the Molex connector) and set it aside.

(4) Remove the two bright colored screws from the next circuit board. Carefully uplug the two-wire connector. Unsolder and lift the

rectangular metal shield exposing the diodes.

(5) Carefully unsolder and remove diode D6 only; this will restore the missing cellular frequencies which can be searched in appropriate 30 kHz steps.

This completes the cellular restoration. Reverse all procedures to reassemble the radio and test it by entering any frequency between 869-894 MHz. Curious about the other diodes? D4 would enable 68-88 MHz coverage, but deletes 30-54 MHz; D5 (present) allows 800 MHz band operation; and D7 would make cellular spacing 12.5 kHz (incorrect).

--
Ed Velez / KD2PM "Yet another transplant NJ----->CA"
kd2pm@n0ary.#nocal.ca.usa
kd2pm@aol.com
Ed_Velez@smtp.svl.trw.com

6264. Re: FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-12-02 23:34:27 UTC
From: tharrell@nmsu.edu
Message-ID: <3boau3$soi@dns1.NMSU.Edu>
Source record: 264813

David Dymarcik (david.dymarcik@straycat.com) wrote:
: CB'S/SCANNER'S/STEREO'S
: HOME and MOBILE
: ELECTRONIC'S

Tell me why I should buy something from someone who can't use
apostrophes correctly??? *half-grin*
--
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5KTO Beware of geeks bearing .gifs... |
| The Second Amendment is the '...and we're not kidding!' clause |

6265. 2006 help

Newsgroup: rec.radio.scanner
Date: 1994-12-02 23:34:59 UTC
From: glickman@panix.com
Message-ID: <3boav3$7g1@panix.com>
Source record: 264811

Is there some way to enter a frequency directly into a RS 2006 without
first assigning a channel number? I can't seem to get it!
--

Gary M. Glickman
glickman@panix.com

6266. Re: R.S. scanner date codes?

Newsgroup: rec.radio.scanner
Date: 1994-12-03 00:25:13 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3bodt9$5rl$1@mhadf.production.compuserve.com>
Source record: 264815

1A1 is Jan, 1991. First comes the month, followed by an "A", and then the last digit of the year. Yes, 1A1 could also mean Jan, 1981 and so on if the device is that old.

6267. Re: VERY BEST DESKTOP SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-12-03 00:27:17 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3boe15$5rl$2@mhadf.production.compuserve.com>
Source record: 264816

You may want to wait for the Uniden Bearcat BC9000XLT, which is getting released month before making your decision.

6268. Re: Want info - R/S 1000ch desktop

Newsgroup: rec.radio.scanner
Date: 1994-12-03 00:28:05 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3boe2l$5rl$3@mhadf.production.compuserve.com>
Source record: 264817

It's a GRE and replaces the Pro2006.

6269. WTB: PRO-51

Newsgroup: rec.radio.scanner
Date: 1994-12-03 02:12:18 UTC
From: es8m@holmes.acc.Virginia.EDU
Message-ID: <D07q4I.7sF@murdoch.acc.Virginia.EDU>
Source record: 264823

Does anyone have a PRO-51 that they would like to sell for a
reasonable price?? Must have a date code of 7A4 or lower.

Thanks.
Ed Strauss
es8m@virginia.edu

6270. Shortwave Broadcaster's E-Mail Addresses

Newsgroup: rec.radio.scanner
Date: 1994-12-03 02:15:37 UTC
From: g9153402@huey.csun.edu
Message-ID: <3bokc9$d3f@nic-nac.CSU.net>
Source record: 264820
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

E-Mail Addresses For Shortwave Broadcasters
(No guarantee for accuracy, though)

World Radio Network (satellite feed of international broadcasts)
wrn@cityscape.co.uk

IPS Australia
rwc@ips.oz.au

Radio For Peace International (Costa Rica)
rfpicr@nicarao.apc.org

Radio Havana
radiohc@tinored.cu

Radio Prague
cr@radio.anet.cz

Radio HCJB (Ecuador)
DX Partyline, The Latest Catch, and frequency matters,
e-mail to: rmcvicar@mhs.hcjb.com.ec for Rich McVivar.
jbeck@mhs.hcjb.com.ec for John Beck
English Department: english@mhs.hcjb.com.ec
ftp site: nw311.hcjb.com.ec

Italian Radio Relay Service
100020.1030@compuserve.com
100020.1013@compuserve.com Alfred Cotroneo

Radio Netherlands
letters@rnw.nl
letters@rn-hilversum.nl
Jonathan Marks: 3382983@mcimail.com

Radio New Zealand International
adrian@actrix.gen.nz
ajsainsbury@swell.actrix.gen.nz

Radio Sweden
wood@stab.sr.se George Wood
70247.3516@compuserve.com

BBC World Service
iac@bbc-ibar.demon.co.uk
World Wide Web: http://www.bbcnc.org.uk

Full Disclosure Live
fd@wwa.com Glen Roberts

Monitor Radio International (WCSN, WSHB, KHBI)
Letters/Reception Reports: letterbox@csms.com
Technical Questions: letterbox-tech@csms.com
WCSN Station Manager Bob Stessel: stes@wcsn.csms.com
KHBI Station Manager Doming Villar: doming@khbi.csms.com
WSHB Senior Station Manager Ed Evans: cee@wshb.csms.com
QSL Coordinator Judy Cook: judy@wshb.csms.com

Radio Free Europe/Radio Liberty
David Walcutt: walcuttd@rferl.org

Spectrum DX Program at WWCR Nashville
spectrum@overleaf.com
askspectrum@attmail.com
spectrumshow@genie.geis.com

Austria
Shortwave Panorama at Radio Austria International
kwp@ping.at (Wolf Harranth OE1 WHC)
wolf_harranth@p44.f22.n310.z2.fidonet.org
wolf.Harranth@p44.f22.n310.z2.st.co.at

Belgium
BRTN (Belgian Radio & Television - Dutch Language Network)
Radio Vlaanderen Internationaal
rvi@p5.f878.n292.z2.fidonet.org

Radio Denmark
rdk.ek@login.dknet.dk Erik Koie

Radio Finland
rfinland@yle.mailnet.fi

Germany
Deutsche Welle
harald.schuetz@dw.gmd.de
solbach@dw.gmd.de
Radio Ropa (DX-Report) dx-report@ng-box.wwb.sub.de

Honduras
Radio Copan International HRJA
71163.1735@compuserve.com

Radio Miami International WRMI
71163.1735@compuserve.com

WWCR, Nashville, TN
nmks01a@prodigy.com
nmks01b@prodigy.com Adam Lock

6271. Re: What's Your Scanner Strategy

Newsgroup: rec.radio.scanner
Date: 1994-12-03 02:23:43 UTC
From: g9153402@huey.csun.edu
Message-ID: <3bokrf$d3f@nic-nac.CSU.net>
Source record: 264821

Michael Malloy (mmjjmm@post.its.mcw.edu) wrote:
> I recently picked up a new PRO-2006. I am interested in the various
> methods people on the net program their scanners for flexibility and
> maximum coverage of important frequencies.

It's really whatever you like. Mine, I've got a channel bank with
law enforcement, one for fire, a couple for aircraft, cb frequencies,
one with TV and FM radio audio, some radiotelephone, military, and
commercial services, and even a group of frequencies that just let
me search up and down from certain points.
It really just depends, what interests you, what's in your area that
you can listen to, and the channel capacity of your scanner.

6272. Oki as scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-03 02:27:33 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Dec2.222422.1@cad3.uccb.ns.ca>
Source record: 264822

Hi:
I have an OKI 900 cell phone..
Can this phone scan the cell channels like a scanner?
Ron

6273. Re: Railroad End of Train Xmitter Data Wanted!

Newsgroup: rec.radio.scanner
Date: 1994-12-03 05:00:42 UTC
From: Pookie <76666.1001@CompuServe.COM>
Message-ID: <3bou1q$93l$2@mhadf.production.compuserve.com>
Source record: 264828

I am employed ay a railroad and have worked as part of a train crew
(brakeman, conductor, and student engineer). The EOT device comes in two
flavors- a 'smart' EOT (end-of-train) device and a 'dumb' EOT.
The dumb EOT is just a device that functions as a marker (red flashing
ight required 1/2 hr before sunset to 1/2 hr after sunrise- the dumb EOT
turns on and off the marker light by means of a photoelectric cell).
The 'smart' EOT sends the following data to the locomotive:
1) rear of train brake pipe pressure (must be at least 60 psi to be legal)
2) tells when rear of train is moving, so engineer knows that the slack
is stretched (there is a mercury switch inside the EOT that performs this)
3) tells if front to rear communication is lost
4) alerts engineer when batteries are low in the EOT
5) on some 'smart' EOT's, there is a feature whereby the engineer can
initiate a dump of the air in the brake pipe from the rear. The EOT
exhausts brake pipe pressure when the engineer throws a switch on the
companion EOT device in the locomotive (the in-cab unit is commonly
referred to as a 'wilma' and the rear device is often called a 'fred'.
Most EOT devices send a signal back to the front unit approx every 45
seconds.
--

*** P ***

6274. Re: Programming ICOM IC-U16 UHF Transceiver channels

Newsgroup: rec.radio.scanner
Date: 1994-12-03 05:15:37 UTC
From: scan911@aol.com
Message-ID: <3boutp$nel@newsbf01.news.aol.com>
Source record: 264829

In article <matthews.41.000C51E8@resmel.bhp.com.au>,
matthews@resmel.bhp.com.au (Ian Matthews) writes:

I have a IC-U16 hand held transceiver of which 15 channels have been
pre-programmed. I would like to program the 16th channel to monitor the
local
emergency service channel, it's frequency is within the transceiver range.
Do
I have to send it back to the suppliers (ICOM) or can it be setup through
the
keyboard, there is nothing in the owner's manual about it.

RESPONSE:

In addition to the keyboard commands, there also is a clip inside the
radio that needs to be removed. I'm not sure I can describe it via here
where you need to look to remove it. Costs too much to stay online! As
to keyboarding, you need to program in the frequency, offset, xmit CTCSS,
receive CTCSS, channel, etc. Again, too detailed for here! I clone all
my U16's; makes it easier.

Chuck
SCAN911@aol.com

6275. Pro 2011 - Do mods exist?

Newsgroup: rec.radio.scanner
Date: 1994-12-03 05:57:51 UTC
From: paul@dino.eng.monash.edu.au
Message-ID: <3bp1cv$1qq@harbinger.cc.monash.edu.au>
Source record: 264831

hi..

Does anyone have any modifications for a Radio Shack Pro 2011?

Mike

6276. Ground plane antenna

Newsgroup: rec.radio.scanner
Date: 1994-12-03 06:13:34 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.786435214@vela.acs.oakland.edu>
Source record: 264830
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I'm shure someone has answered this before, or the info is available in
a ftp some where so sorry if it's a repeat.

How does a ground plane work?

What are the benefits vs other antennae (discone ect.)?

What freqs. do they work best on ?

Thanks for any help, Neil

--

--N.C.Schultheiss
Detroit, Michigan, USA
ncschult@vela.acs.oakland.edu

6277. Gold Coast Aust. Freqs

Newsgroup: rec.radio.scanner
Date: 1994-12-03 06:52:31 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3bp4jf$7ds@hal9000.apana.org.au>
Source record: 264679

Does anyone know the frequencies used by retail department stores on the
GOLD COAST in Aust?

I am especially after freqs for MYER at Pacific fair and whether they use
5w handhelds or a 50w base setup? (Can you hear them say 10 kilometres away?)

Cheers matthew@hal9000.apana.org.au

6278. Re: BC100XLT...modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-12-03 06:59:51 UTC
From: combsb@ucs.orst.edu
Message-ID: <3bp520$kg6@gaia.ucs.orst.edu>
Source record: 264832

In article <3b7mi7$l19@lucy.infi.net>, roebuck@infi.net says...
>
>I just got a BC100XLT. It only reaches 512 MHz. I heard they aren't
>modifiable. True or not? I would like to get at least 800 MHz.
>What are my options?
>
This is very true. The board for 800 Mhz is not even in the radio!!

--Brent

6279. Re: Pro-43 Bleed Throughs...

Newsgroup: rec.radio.scanner
Date: 1994-12-03 07:57:42 UTC
From: mulligan@ACM.ORG
Message-ID: <3bp8dm$3nu@hopper.acm.org>
Source record: 264833

MRBECKZ1@ulkyvm.louisville.edu asked:
> I am picking up alot of bleed through of other frequencies with a
> Pro-43 in the aviation band, particularly in the 126-134 Mhz range.

The problem you're encountering is 'intermod' (intermodulation), where several strong local signals mix in the receiver and produce interference. The signals you're hearing are most likely from the 152 MHz common carrier band (pagers and conventional mobile telephones).
The Pro-43's triple conversion is not much help, as the signals are entering through the case and mixing in the 3rd I.F. This has been noted in the 160 MHz railroad band by a number of Pro-43 users. What is unusual is that you're hearing these FM mix products when using the AM detector.
I suspect you're quite close to an older paging/phone tower.
/* barry /&

6280. Re: R.S. scanner date codes?

Newsgroup: rec.radio.scanner
Date: 1994-12-03 08:05:02 UTC
From: mulligan@ACM.ORG
Message-ID: <3bp8re$3p4@hopper.acm.org>
Source record: 264834

```
Radio Shack date stickers of the form 'mmAy' indicate month and year of
delivery to R.S. "5A0" would be May 1990.
/* barry /&
```

6281. Re: Scanner vs Ham Radio

Newsgroup: rec.radio.scanner
Date: 1994-12-03 09:00:49 UTC
From: steinr@ucs.orst.edu
Message-ID: <3bpc42$540@gaia.ucs.orst.edu>
Source record: 264837

In article <1994Nov23.091745.24483@hpcvaac.cv.hp.com>,
bill nelson <billn@hpcvaac.cv.hp.com> wrote:
>KWCWAN@ELECTRICAL.watstar.uwaterloo.ca (Carey Wan) writes:
>:
>: I am actually rookie. I just want to know what's the difference between a
^^^^^^^^^^^^^^^^^^^^
>: scanner and a ham radio. Are they actually the same thing?
>
>
>: The second question I have is: can I use my HAM radio to make a phone call?
>
>Yes, if a phone patch is built into the equipment. Some Ham repeaters have
>this capability.
>
>Bill

Yes Bill, this is true. However, since this person stated that they are a
rookie, it would be kind of you to also inform them that they would need
to obtain a special license to use such a phone patch.

We don't want people to think that there are no strings attached now do
we? :) So not to scare the person away from purchasing a ham radio, I
will say that the licensing examination is fairly simple.
--
=+= |C =+=+=+=+=+=+=
RAY STEIN __B_|/ --/\/\--
OSU Electrical Engineering |\ ___mmm___
=+= |E =+=+=+=+=+=+=

6282. BC200XLT Question

Newsgroup: rec.radio.scanner
Date: 1994-12-03 09:03:28 UTC
From: jpelura3@illusion.com
Message-ID: <13408CMLMCJMCTLDQDG@illusion.com>
Source record: 264839

In a message dated 11-29-94 INTERNET: quioxte@netcom. wrote to ** ALL **:

Iq> I would like to reorganize my programmed frequencies but the 200XLT
Iq> will not allow duplicate frequencies to be enterd. Is there a way to
Iq> erase my current frequencies and start from scratch?

Ciao,

Yes, All you have to do is hit the enter key twice. You enter the # the
first time, the display says ch 98 (for ex) then you hit the 'e' key again.
Simple as that.

hope this helps
jpelura3@illusion.com

-> Alice4Mac 2.4.4 E QWK Eval:20Nov94
Origin: Illusion BBS---jpelura3@illusion.com--johnpthree@aol.com

6283. Re: Dallas FD may be moving 800Mhz

Newsgroup: rec.radio.scanner
Date: 1994-12-03 09:05:55 UTC
From: mcw@metronet.com
Message-ID: <D0899v.4Cq@metronet.com>
Source record: 264840

David Horak (horak@convex.com) wrote:
: In <3bn47o$lgn@nntp.crl.com> Flying Turtle <vhealey@crl.com> writes:

: A friend of mine works for the Dallas FD and has been in training for
: the new radio system for some time. They are going to 800 MHz. I don't
: know what freqs yet.

: David Horak horak@convex.com
: Plano, Texas (not your average plain-O town :-)

Ive checked Police Call and some other souces. Seems Dallas has a block of 800 MHz freqs. I always thought they were for the Dallas Police MDT's.

--
Mike Wommack mcw@metronet.com
Newsgroups: dfw.test
Path: nathan
From: nathan@metronet.com (Nathan Laredo)
Subject: INN propigation test
Message-ID: <D08A0E.58o@metronet.com>
Date: Sat, 3 Dec 1994 09:21:49 GMT
Organization: Texas Metronet, Internet for the Individual 214-705-2901 (info)
X-Newsreader: TIN [version 1.2 PL2]

testing inn article propigation via nntplink

-- nathan@metronet.com
--
nathan@metronet.com Nathan Laredo (214)424-7986, (214)424-9705
Texas \voice (214)705-2900 data (214)705-2901 (817)261-1127
MetroNet >http://www.metronet.com:70/0h/metronetinfo/About.html

6284. PRO-43 V.S. AOR AR1000 vs AR8000

Newsgroup: rec.radio.scanner
Date: 1994-12-03 10:16:41 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3bpgi9$rac@nntp.crl.com>
Source record: 264841

If you want to follow a TRS the PRO 43 is better then an AOR 1000.
The over all quality of construction is somewhat better in the PRO 43.

The AR 1000 is a neat radio and has a few strong points.
Once you understand how it is programed and why the folks designed it that way
you can do incredible things.Briefy you have 10 independent search banks that can be linked together
in a search. I someetimes programed the it to look at vhf fire, vhf police 154-156 area
,vhf police 158-159, uhf police 453 and uhf police 460 -460.6 in five consecutive search banks.
I locked out the other five banks. Then by hitting search I could quickly find
and follow activity in a new area as I traveled. Often the uhf ranges
were of no use and I could go with my favorite vhf band. You could lock
out anoying birdies, and other frequencies. There were 100 lockouts in each
search bank and you could review them.I regret selling my ar1000 several
years ago because i got alot of use out of that versatile little radio.
Many others who bought it hated it. Difficult to program, and poor quality control.

Actually it wan't all that difficult to program IMHO but the instructions
sucked.I spent a couple of days rewriting the manual in Vic Healey english
as I tried various key presses. That is why I grew to like it as some of the options
began to make sense. Even the strange ripple case was an intelligent choice
when you had wet hands and realize these little radio bricks can
squesses out of your paw like a slick block of soap.

When I was fishing in the Gulf the little metal ears made sense wehn
I realized I could firmly attach a strap to the radio and to myself
to keep it from swiming in the gulf when I was only wearing swim trunks.

The pro 43 is made to be lost with the little PLASTIC belt clip which
constantly breaks. What a cheap cludge!

The ar8000 is supposed to be the ultimate handheld reciever and I just bought
one. I will let you know how I feel about it later. I am selling my 43, complete
with knicks from hitting the ground every time that stupid clip broke.
I have a gentleman who offered me $250 locally for it and I hope he
comes up with the cash Tuesday.

Oh by the way I hated the audio from the 43. Even installing the new type
speaker failed to really improve it. It may bother you somewhat also.

Vic Healey (ki4je)
mailto:vic@ping.com

Please note new address I am closing the vhealey@crl.com account
Dec 10, 1984

drew.king@omail.wang.com (Drew King) wrote:
>
> Hello,
>
> Does anyone have any information on the PRO-43 from R.S. ?
>
> I am comparing it to the AR1000XLT and the AR8000.
>
> One feature that I would like is the ability to program multiple
> ranges of frequencies, in addition to channels. I would like to switch
> between scanning the 2 meter HAM to the 70CM HAM to the 800MHZ without
> having to reprogram each time. The PRO-43 can only store 1 limited range
> scan.
>
>
> Drew.
> drew.king@omail.wang.com
>
>
>

6285. Re: Wanted:Wash. State Patrol and Idaho State patrol Freqs

Newsgroup: rec.radio.scanner
Date: 1994-12-03 10:31:01 UTC
From: beldar@eskimo.com
Message-ID: <D08D7u.4pB@eskimo.com>
Source record: 264843

In article <3bne91$k1q@on-ramp.ior.com>, richm <richm@on-ramp.ior.com> wrote:
>Does anyone have the freqs for the Washington State patrol (eastern and
>or western) or Kootenai County Idaho or Idaho State Patrol?

W.S.P

ch.#
1 155.970 State
2 154.935 Wenatchee
3 154.755 Bellingham
4 155.505 Mt. Vernon/Ephrata
5 154.845 Everett/Colfax/Ritzville
6 155.580 Seattle North/Spokane
7 154.680 Seattle South/Vancouver/Okanogan
8 ******* Tacoma East (either 151.46 or 155.46)
9 155.520 Tacoma/Kennewick
10 154.920 Yakima/Olympia
11 155.850 Chehalis
12 154.770 Port Angeles/Kelso/Ellensburg
13 154.665 Bremerton/Colville
14 154.695 Hoquiam
15 159.075 Aircraft

6286. AR8000 Users Programing Offer

Newsgroup: rec.radio.scanner
Date: 1994-12-03 10:39:04 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3bphs8$rac@nntp.crl.com>
Source record: 264842
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

I have met a few of you via email and posts and based on
your enthusiam for the ar8000 I decided to go ahead and
buy one.

I hope to have a www site at ping.com for distribution of information
regarding the ar8000. If anyone has a page scanner an can scan in
and recognize the text from the ar8000 manuals and the computer interface
manual I would appreciate hearing from you. This information can
be the bases of helping others understand how to extend the programing
capabilites of the ar8000.

For those that don't think it is worth the effort or cost to buy
or build a computer interface to the ar8000 I will offer to
program it for you with your data whcih you can upload via ftp to my
computer by pre arrangement. You pay for fedex both ways and send a nominal
$15 to cover my time and expense of dealing with ups or fedex as well
as the time to actually program and then check your ar8000. My time
is actually worth quite a bit more then that but this is a hobby.
Specifications as to data format are forthcoming as soon as I figure them out.

To get on a list of folks interested in the ar8000 emaito:vic@ping.com
with ar8000 as the first word in your message header. This is not a lsitserv
but myself storing your replies in eudora mailbox. I don't really expect to hear from
but a few folks as the ar8000 is a rare radio in the US and rather expensive
so it isn't worth the effort to get too fancy. Please note in your message if you
have one or have ordered one or just merely interested in information about them.

Vic Healey ki4je Marietta Ga. 404 435-6939

vic@ping.com
vh@ping.com

vhealey@crl.com is being shut down Dec 10,1984.
Don't use anymore.

6287. Re: Pro 39

Newsgroup: rec.radio.scanner
Date: 1994-12-03 11:12:01 UTC
From: beldar@eskimo.com
Message-ID: <D08F46.70D@eskimo.com>
Source record: 264844

In article <3bg6ss$hsg@canyon.sr.hp.com>, Michael Paul <mpaul@sr.hp.com> wrote:
>I get cell calls in the 859-865 MHz range. What's in the 868-894 range?
>Just more of the same?

In the pro39 and the pro34 you can get some cellular images up there that are quite clear BEFORE you do the mod. After the mod these cellular images are gone. Don't own any other models so can't comment on them.

After the mod 869-894 is unlocked and the freqs there are in the proper 30 kHz steps. Not 12.5 like the other 800 areas. Do the mod cuz you will hear many, many more calls that those images give. During weekdays around 5 when folks are getting off work you can literally hear upwards of 100 calls in the 869-894 area. At least in this mid-size city.

6288. Inmarsat Satellites

Newsgroup: rec.radio.scanner
Date: 1994-12-03 14:07:47 UTC
From: john.hartsell@tnlhub.esnet.com
Message-ID: <e76_9412050716@tnlhub.esnet.com>
Source record: 264617

Would anybody be able to tell me if they have been able
to receive any of the INMARSAT Satellites from the West
Coast of California ? Has any one used a ICOM RC-R100
for INMARSAT use ? Any Help ?

john.hartsell@dennet.esnet.com

6289. Re: Shortwave Broadcaster's E-Mail Addresses

Newsgroup: rec.radio.scanner
Date: 1994-12-03 15:21:38 UTC
From: g9153402@huey.csun.edu
Message-ID: <3bq2e2$c9l@nic-nac.CSU.net>
Source record: 264845
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

> VOA Page 2

Contacting VOA and Worldnet by Electronic Mail

At this time, only a few public electronic mail addresses are available
for VOA and Worldnet. These are listed below.

We do not maintain a public directory service of electronic mail
addresses for members of our staff and we regret that we are not able
to respond to individual requests for electronic mail addresses.

Publicly Available Electronic Mail Addresses for VOA and Worldnet
==========

General Information
---

info@VOA.GOV Electronic mail information server.
Send a message with the contents
"send help" to this address for
instructions on how to use this
service.

letters@VOA.GOV General correspondence to the Voice
of America and Worldnet Television
from outside the United States

letters-usa@VOA.GOV General correspondence to the Voice
of America and Worldnet Television
from the United States

pubaff@VOA.GOV Public Affairs Office for the Voice
of America and Worldnet Television

qsl@VOA.GOV VOA reception (QSL) reports from
outside the United States

qsl-usa@VOA.GOV VOA reception (QSL) reports from
the United States

VOA-Info-Request@VOA.GOV Use this address to request inclusion
in an irregular mailing list of VOA
and Worldnet public announcements.

Specific VOA Programs
---

agri@VOA.GOV Agriculture Today

cw@VOA.GOV Communications World

VOA-Europe@VOA.GOV VOAEurope Service (English)

VOA-Morning@VOA.GOV Worldwide English Morning Program

Broadcasts to Cuba
---

ocb@USIA.GOV Radio and TV Marti

VOA Internet Audio

The following electronic mail addresses are intended for users who have questions or comments regarding the audio files available on the VOA and Worldnet public server.

arabic_program@VOA.GOV Arabic

cantonese_program@VOA.GOV Cantonese

chinese_program@VOA.GOV Standard Chinese (Mandarin)

czech_program@VOA.GOV Czech

english_worldwide@VOA.GOV English worldwide program thread

french_program@VOA.GOV French-to-Africa

hindi_program@VOA.GOV Hindi

hungarian_program@VOA.GOV Hungarian

korean_program@VOA.GOV Korean

polish_program@VOA.GOV Polish

russian_program@VOA.GOV Russian

slovak_program@VOA.GOV Slovak

spanish_program@VOA.GOV Spanish

swahili_program@VOA.GOV Swahili

ukrainian_program@VOA.GOV Ukrainian

6290. Re: HELP! - How to protect oneself from eavesdropping?

Newsgroup: rec.radio.scanner
Date: 1994-12-03 15:24:32 UTC
From: gesman@io.org
Message-ID: <3bq2jg$gml@ionews.io.org>
Source record: 264847

In article <D0555G.D5r@acsu.buffalo.edu>,
Thomas N Tumino <v078l3eg@ubvms.cc.buffalo.edu> wrote:
>In article <221304Z30111994@anon.penet.fi>, an162081@anon.penet.fi writes:
>>
>>Hi,
>>
>>
>>I come from Eastern Europe. Recently I got a message from my parents
>>that there was an attempt to install eavesdropping equipment in their
>>apartment while they were abroad.
>>
>>During communism our mail correspondence was ocasionally checked and
>>phone calls were taped (which we have proofs for), but there was never
>>any evidence of eavesdropping equipment (althought we suspected it all
>>the time).
>>
>>My parents do not know whether any equipment has been really
>>installed, but there is very strong evidence for an entry into their
>>apartment on this very purpose.
>>
>>I am not a novice to electronics, but I have no experience with
>>electronic surveilance, because any information of this kind was
>>highly classified in my country. Therefore I would like to ask several
>>questions:
>>

Good hand-held continues coverage scanners costs approx. $650+ USD and by the
way are not available in USA. (They are but with a freq. gaps).
Can frequency counter be used for detecting of radio transmission?
Another suggestion: Because entry into your apt. is not easy (for whoever)
on regular basis - any radio transmitting equipment most likely was
installed close to power source (to provide permanent power supply).
So look for power outlets or close by places.
If you'll got scanner - I've read somewhere, that small transmitters could
use: 30-200MHZ range. This of course is not the rule - just a point to
start.

--
Gleb Esman.

6291. Re: Which coax for discone?

Newsgroup: rec.radio.scanner
Date: 1994-12-03 16:40:37 UTC
From: Anthony LaBella <72737.2400@CompuServe.COM>
Message-ID: <3bq725$hf2$1@mhadf.production.compuserve.com>
Source record: 264846

Neither will physically damage your radio, but the thicker cable has
lower line losses and you will lose less signal in the cable. Both are
amout 50 ohms characteristic impedance and will match the discone.
Buy the cheaper antenna. All discones are about the same, no matter
whose label is on it.
--

Tony

Brooklyn N.Y.

6292. Re: R.S. scanner date codes?

Newsgroup: rec.radio.scanner
Date: 1994-12-03 17:03:47 UTC
From: adamld@atl.com
Message-ID: <1994Dec3.170347.29622@atl.com>
Source record: 264850

As I recall, the first digit is the year of manufacture (1991 and
1995 respectively for your two devices). The middle letter is
either "A" or "B" for "after" or "before", which relates to the
last number, which is the month of either manufacture or the
"freshness date" in the case of batteries.

In article <1994Dec1.104236.1@spcvxb.spc.edu>,
<5leitgeb_c@spcvxb.spc.edu> wrote:
> Can anyone tell me how to read the date codes on the
>back of Radio Shack scanners or other radios.
>What would a date code of "1A1" on my PRO-2002 or "5A0"
>on my PRO-2006 mean? Any help would be greatly appreciated.
>Thanks in advance...
>Craig
>5Leitgeb_c@spcvxa.spc.edu
>Saint Peter's College
>Jersey City, NJ
>

--
Adam Levin-Delson adamld@atl.com Vx: 206.487-8681
Atlantis Diagnostic Int'l Inc. Fx: 206.487-8170
18939 120th Ave. NE Ste.111 Bothell, WA 98011 USA
If this signature appears twice you're a winner!

6293. Pro 32 or Pro 2021 Mods

Newsgroup: rec.radio.scanner
Date: 1994-12-03 17:25:57 UTC
From: vmackenz@calvin.stemnet.nf.ca
Message-ID: <3bq9n5$rsh@coranto.ucs.mun.ca>
Source record: 264848

I own a RS Pro-32 portable and a Pro-2021 base. Are there any
modifications that I can do to restore 800 mhz or improve the performance
of these scanners. Please Post or Email me.
Thanks
Seasons Greetings to all.

--
Vince Mackenzie, Firefighter III
Grand Falls - Windsor, Newfoundland, Canada
1994 NFPA Learn Not To Burn Champion
vmackenz@calvin.stemnet.nf.ca

6294. WTB or advice... used Pro-2022?

Newsgroup: rec.radio.scanner
Date: 1994-12-03 17:39:22 UTC
From: syndesis@beta.inc.net
Message-ID: <3bqaga$fbb@beta.inc.net>
Source record: 264849

I'm thinking of getting a handheld scanner. The cellular mods sound like fun. I'm willing to spend $200-300.

I saw a year-old Pro-2022 (w/mods) for sale for $200. Is that a good price, and a good scanner? Should I just buy one of the newer models shown in the Radio Shack catalog instead, and do the mods myself? Are there other trade-offs involved?

6295. Re: OptoScan 456 Info

Newsgroup: rec.radio.scanner
Date: 1994-12-03 19:07:38 UTC
From: VPFS89A@prodigy.com
Message-ID: <3bqflq$q72@usenetw1.news.prodigy.com>
Source record: 264860

I have an Opto 456 and run it with an ancient Toshiba T-1000 using
ScanStar. Basic version, not the Pro version. I usually run it while
I'm working on my desktop, and since my desktop machine didn't have any
more Rs-232 ports I drug the T-1000 out of the closet, dusted it off, and
got the nicads going again, and it works perfectly. Also it can go along
if I decide to try to run the Pro-2006 from my car.
The only problem I had was installing a little clip onto one of the IC's
in the Pro-2006, the clip was very long and when I tried to put the lid
on. Trying to solder this lead without the clip caused other problems.
But, in fairness, other people have got the thing together and managed to
bend this clip down without it hopping off.
But to answer your question, ScanStar standard version should run on
about anything you have with a spare 232 port.

Enjoy --->Richard

6296. Philly POLICE 911 call transcripts

Newsgroup: rec.radio.scanner
Date: 1994-12-03 19:15:04 UTC
From: scan911@aol.com
Message-ID: <3bqg3o$38b@newsbf01.news.aol.com>
Source record: 264852

Here's a transcript of the now-famous Philadelphia Police 911 calls in
which dispatchers were cited as rude. The rudeness is at 10:44:23.
Enjoy!

Chuck Gysi, N2DUP
SCAN911@aol.com

10:01:25 p.m.
dispatcher: Police 225.
Caller: Hi. I'm sorry to call you, but could you please send a car to the
McDonald's at the corner of Hasbrook and Oxford?
Dispatcher: On the corner of Hasbrook and where?
Caller: Oxford. It's in Fox Chase.
There are a pack of kids and they're really noisy.
Dispatcher: Inside the McDonald's?
Caller: They're in the parking lot.
Dispatcher: OK, the McDonald's parking lot.
Caller: Thanks so much.
Dispatcher: You're welcome. Bye.

10:10:19 p.m.
dispatcher: Police radio [inaudible.
Caller:: Ah yes, I'm calling from the McDonald's at Fox Chase on Oxford
Avenue.
Dispatcher: Uh-huh.
Caller: I have a bunch of kids in the parking lot and they just broke one
of
my customers' windows.
Dispatcher: Where's the customer?
Caller: She's out in the parking lot and she was going through the
drive-through and they broke one of her
windows.
Dispatcher: Is she going to wait for the police?
Caller: I'm sorry.
Dispatcher: Is she going to wait for the police?
Caller: Well, how long is it going to be?
Dispatcher: I have no idea.
Caller: Uhhh, I'll find out, but I imagine she would. She could fill out a
report. OK.
Dispatcher: Uh-huh.
Caller: OK. Thank you.

10:13:58 p.m.
Dispatcher: Police radio. May I help you?

Montgomery County dispatcher: Hi, it's Montgomery County. We have a report of a disturbance at Borbeck and
Oxford.
Dispatcher: OK. On the highway?
Montco dispatcher: On Borbeck.
Dispatcher: On the street or inside somewhere ?
Monaco dispatcher: Juveniles throwing rocks -- at the McDonald's.
Dispatcher: At the McDonald's?
Monaco dispatcher: Yeah, there's about 20 of them.
Dispatcher: All right, we'll send somebody out there.

10:20:49 p.m.
Caller: Could you send some police over here to 7979 Rockwell Avenue? About
50 kids are busting up cars [Inaudible]
Dispatcher: What are they doing?
Caller: Busting up the cars, windows and everything . . . 7979 Rockwell Avenue.
Dispatcher: Uh-huh. Wait a minute.
They are inside the lot?
Caller: Yeah.
Dispatcher: Teenagers?
Caller: Yep.
Dispatcher: About how many is
there?
Caller: About 50.
Dispatcher: All righty.

10:33:58 p.m.
Dispatcher: Police 232.
Caller: Hi, this is the Oxford Avenue Pizza Hut. We have a gang of at least
50 young kids with bats outside beating each other, chasing each other. They
Just ran behind the store.
Dispatcher: How many have bats?
Caller: About 10.
Dispatcher: What hundred Oxford is?
Caller: What hundred Oxford is this? 78. They are between our store and the
McDonald's.
Dispatcher: In the parking lot?
Caller: Yep. Yes, in between both parking lots.
Dispatcher: OK.
Caller: Thank you.
Dispatcher: You're welcome.

10:37:15 p.m.
Dispatcher: Police 225.
Caller: I don't believe this-- this rang about 10 times. There's a big commotion going on outside our home. Like a gang fight.

Dispatcher: Where is that, ma'am?
Caller: Ridgeway Street. 7900 Ridgeway Street.
Dispatcher: OK.Caller: They got clubs out there. [It's a gang fight, says a
male voice in the background.] There's a kid hurt out there.
Dispatcher: All right.
Caller: Did you get that?
Dispatcher: Yeah, a kid is hurt outside and there's a fight. All right? Was
that it?
Caller: Yeah, that's it. Send a police car to Seven
Dispatcher: Wait a minute. Wait a minute. Wait a minute. You asked me and
I'm asking you. I have the infor-
mation, you can hang up now.

10:37:34 p.m.
Dispatcher: Police 244.
Caller: Thank you. I'm calling from the Fox Chase section of the city. There
seems to be a lot of gang fighting in front of my house. 7900 block of
Ridgeway Street. It's just above the recreation center. A lot of screaming,
yelling, and kids look like they are carrying clubs of some kind. They are
in the middle of the street.
Dispatcher: I'll send someone out.
Caller: Thank you.

10:37:50 p.m.
Dispatcher: Police 45. How can I help you ?
Caller: Hi, I live across the street from the Fox Chase School and the
playground and there is a tremendous amount of kids out there fighting and
... I'm afraid something's going to happen.
Dispatcher: OK, Fox Chase playground. What's the address?
Caller: Uh, it's, well, right now they're in front of Ridgeway and Rhawn in
front of the school but they just keep growing and they keep talking about a
fight ...
Dispatcher: OK. Ridgeway and what's the other street you mentioned madam ?
Caller: Rhawn.Dispatcher: Oh, OK. We'll send somebody out.Caller: Hurry up
because I don't know what's happening, there's a lot of screaming and
yelling.
Dispatcher: Yeah, OK. Bye-bye.

10:38:25 p.m.
Dispatcher: Police 170.
Caller: Hi, I'd like to report a disturbance . . .
Dispatcher: Where?
Caller: Ridgeway Street.
Dispatcher: What and Ridgeway?
Caller: 7940 Ridgeway Street. There's about 20 kids outside fighting.

Dispatcher: We'll send somebody around.
Caller: Thanks a lot.

10:41:01 p.m..
Dispatcher: Police radio.
Caller: Yeah. Could you get a couple of cars over here, 7979 Rockwell Avenue. There's about 50 teenagers, baseball bats. A gang fight down in the
complex between the Fox Chase playground and the auto body area.
Dispatcher: 7979 Rockwell?
Caller: Yeah.
Dispatcher: We'll get somebody right over.

10:41:21 p.m.
Dispatcher [alerting police officers]: 203 . . . 7845 Oxford at the Pizza Hut/McDonald's parking lot. Check for
civil males all with baseball bats. 7845 Oxford. Parking lot McDonald's and
Pizza Hut. There's no flash.
Police: 28.
Dispatcher: 28.Police: We'll swing by that location.

10:41:24 p.m.
Dispatcher: Police 157. What's your problem ?
Caller: Yeah, I just want to let you know. I live across from the Fox Chase
playground.
Dispatcher: Yeah.
Caller: And there's about 25 youths right now running around, yelling obscenities, yelling about niggers and everything else. They are running through people's yards and all. I don't know if something's going on tonight
or not, but ...Dispatcher: Somebody will be there, sir.
Caller: Thank you.

10:42:32 p.m.
Dispatcher: Police 170.
Caller: Hi, how ya doing. This is . . . I'm in Fox Chase and we've got a near riot and there's no damn police around.
Dispatcher: Where? Where?
Caller: On Ridgeway Street!
Dispatcher: Well, I don't know that!
Caller: We've been calling. Everybody in the neighborhood's been calling. I
call the district, they tell me to call 911. What are we suppose to do here?
There's cars. There's a whole damn convoy of cars coming up here. You got a
damn riot goin' up here.
Dispatcher: Police will be there.
Caller: Yeah, huh. Thanks a lot

10:44:13 p.m.
Dispatcher: Police 244
Caller: Yes. This is one of the sisters at St. Cecilia's Convent on Rhawn Street. There's a bunch of kids out in the parking lot and it looks like they are beating up one kid.
Dispatcher: 500 Rhawn, madam?
Caller: 525 Rhawn.
Dispatcher: In the parking lot?
Dispatcher: We'll send someone out.
Caller: Thank you.

10:44:23 p.m.
Dispatcher: Police 94Caller: We're in Fox Chase on Ridge way Street. They are beating the hell out of people with baseball bats up here. When are you
going to send somebody?
Dispatcher: Who's got a bat, sir?
Caller: Who got a bat? Some gorilla. What the hell do you mean?
Dispatcher: Wait a minute! Wait a minute! Don't talk to me like that. I asked you a question.
Dispatcher: Who's got the bat? Is he white, black or Hispanic?
Caller: There's a man with a bat ...
Tape ends.

10:44:37 p.m.
Dispatcher: Police 232.
Caller: Hello?
Dispatcher: Police.
Caller: [inaudible].
Dispatcher: Where?
Dispatcher: This is at Rhawn and what?
Caller: At Rhawn Street. St Cecilia
Dispatcher: OK, but that's Rhawn and what. What's the cross or what hundred
block of Rhawn.
Caller: It's St. Cecilia schoolyard. [Inaudible].
Dispatcher: Yeah, what hundred block of Rhawn Street is it on, sir/ I can't
hear you because there's something wrong with the phone. You're saying Rhawn, and it's by what?
Caller: I'm trying to find a cross street ..... What street is this [caller
speaks to someone in the background]?
Dispatcher: Look at one of the buildings and tell me the address on it
Caller: Yeah, it's on Rhawn and [inaudible].
Dispatcher: Rhawn and what? Look at one of the buildings and tell me the address on it.
Caller: 500 Rhawn Street
Dispatcher: 500?
Caller: Rhawn Street. A [inaudible] just went by.
Dispatcher: Where's he at? [Get an a dress, says another voice in radio room]

Dispatcher: OK.

10:45:37 p.m.
Dispatcher: Police 157.
Caller: Hello?
Dispatcher: Yes, police.
Caller: My friend, my friend's bleeding. He's at [inaudiblel hospital.
Dispatcher: He's what?
Caller: He's at [inaudiblel hospital.
Dispatcher: Slow down, he needs what at the hospital?
Caller: I mean. [inaudible] He needs a hospital. He's bleeding.
Dispatcher: Where's he at?
Caller: He's at St. C's. At the church.
Dispatcher: He's where?
Caller: St. Cecilia's.
Dispatcher: I can't understand you? Give me an address?
Caller: He's at St. Cecilia's.
Dispatcher: And where's that at?
Caller: Oxford Avenue.
Dispatcher: Oxford and what?
Caller: It's like. Oh my god.
Dispatcher: Listen, listen, if you don't calm down, he gets no help. Do
you
understand that much?
Caller: I'm trying.
Dispatcher: All right, so you gotta tell me. Oxford and where?
Caller: Oh God. Do you know where Fox Chase School is?
Dispatcher: No, I don't.
Caller: OK, it's, it's Oxford Avenue and Verree.
Dispatcher: Verree. All right, what happened to him?
Caller: He got beat with a bat.
Dispatcher: All right. Are the people that beat him still there?
Caller: No!
Dispatcher: Hold on. I'm Gonna connect you with rescue, you tell them
where
he is.
Caller: OK.
Rescue: Rescue.
Caller: [inaudible] got beat with a bat.
He's at [inaudiblel church.
Rescue: What?
Caller: St. Cecilia's.
Rescue: What's your address. What's the address. Where's it at?
Caller: It's right across the street from the [inaudiblel school, which is
right by ... Rhawn.
Rescue [to dispatcher]: Please, could you tell me where she's calling
from?
Dispatcher: She's calling from 501 Rhawn Street by the Free Library.
Caller: Yeah, I'm at the Free Library, but ... is at St. Cecilia's Church.
Dispatcher: She told me it was at Oxford and Verree, first. She can't seem

to get it together.
Rescue: Is that where St. Cecilia's is? Oxford and Verree?
Caller: It's, it's . . . Where are you at?
Dispatcher: Don't worry about where we're at. Tell them where you're at. Where you want him to go?
Caller: [Inaudible] I don't know the two streets. Right now, I'm at the library, but St. Cecilia's at ...
Rescue: How far are you away from it?
Caller: He's at, I think he's at Rhawn and [inaudible] Street.
Rescue: Rhawn and where?
Caller: I think it's [inaudible, but I'm not sure. It's at St. Cecilia's Church. He's right in front of the church.
Rescue: And what's wrong? What happened?
Caller: He got beat with a bat.
Rescue: He got beat with a bat?
Caller: He's bleeding.
Rescue: It's right near Rhawn and [inaudible.]
Dispatcher: No, no. It's not a good cross street. She's probably talking about Rhawn and Verree.
Caller: It's at St. Cecilia's Church. He's right at the church.
Dispatcher: Rhawn and Verree is close to where she's calling from.
Rescue: We're on the way.
Caller: Thank you.

10:45:53 p.m.
Police officer: 203.
Dispatcher: 203.
Police officer: Send rescue to the Seventh District side right at Rhawn and
Ridgeway in front of a church. We've got a kid down. I think he was beat up.
It could possibly have something to do with that Oxford Avenue thing.
Dispatcher: You said Rhawn and Ridgeway?
Police Officer: Correct. On the Seventh
District side. [inaudible] rescue, please.
Dispatcher: Thank you.

10:45:59 p.m.
Dispatcher: Police 170.
Caller: Hi, Could you send a car to Fox Chase Rec.
Dispatcher: Where's that?
Caller: Um. It's on, uh, Rockwell Avenue. There's a bunch of people in cars
and they are coming out and beating people up.
Dispatcher: OK.
Caller: It's really bad. Can you hurry?
Dispatcher: OK.

10:46:22 p.m.
Dispatcher: Police 344.
Caller: Hi. We're having a problem outside our house here.

Dispatcher: What's your address.
Caller: Ok. It's not on my street. It's at St. Cecilia's on Rhawn Street. In
the rectory. In the schoolyard.
Dispatcher: What's the address there?
Caller: OK. 525 Rhawn Street.
Dispatcher: 525 Rhawn?
Caller: Right.
Dispatcher: Is it R ...
Caller: R-H-A-W-N! We've got kids they've beat up. And no one wants to
help us!
Dispatcher: I'm trying to help you madam. I have to first understand you.
Caller: Rhawn. R as in robot. H as in
health. A as in apple. W as in linaudible] and N as in [inaudible]. Does
that help?
Dispatcher: Immensely. Now, can you continue? What's the problem there?
Caller: We've been calling for 20 minutes now to get the cops up here and
no
one's come.
Dispatcher: So, what, what's, what madam. Madam?
Caller: I'm near the Fox Chase Rec
Dispatcher: Madam, what's going on out there?
Caller: I've been telling you ...
Dispatcher: You haven't told me what's going on?
Caller: We have like a group of 50 kids out front, about.
Dispatcher: Uh-huh. What are the kids doing, madam?
Caller: Well, a few of them have golf clubs. And then this one little boy
just came down and said to us someone's
beating him up with a baseball bat.
Dispatcher: We'll send the police, madam.
Caller: Pardon me.
Dispatcher: We will send the police.
Caller: Send them now, not in 10 minutes, but now.
Dispatcher: We will send the police, madam.
Caller: Thank you. Do you know where it is?
Dispatcher: You said 525 Rhawn
madam. That's what you said, didn't you?
Caller: Yes.
Dispatcher: OK, that's where we're gonna send them.
Caller: Thank you.
Dispatcher: You're welcome.

10:46:32 p.m.
Police: Have a rescue [inaudible] in and out of consciousness.
Dispatcher: All right, 03. Rescue's in route. They got the message.

6297. Re: aor8000 sources?

Newsgroup: rec.radio.scanner
Date: 1994-12-03 19:21:26 UTC
From: perryp@iia.org
Message-ID: <3bqgfm$9td@ankh.iia.org>
Source record: 264851

Leo Hinds (leoh@hardy.hdw.csd.harris.com) wrote:

: Hi ... I was trying to find out where (outside the US) I can purchase an
: aor8000 and have it shipped to me. I have seen references to Javiation
: (in the UK) and Atlantic (in Canada), but no phone numbers.

: Can anyone post or email those (and other possible sources) - thanks

: Leonard Hinds

: --
: Leo.Hinds@mail.csd.harris.com Leo Hinds (305)973-5229
: 2101 W. Cypress Creek Rd. Ft. Lauderdale, FL 33309-1892

I'll second Mike's comments. Jonathan at Javiation is the most reliable
radio dealer I have ever found, and I have had the opportunity to test
his no quibble warranty.

Paul, WB2ERY
perryp@iia.org

6298. Re: WAYSU

Newsgroup: rec.radio.scanner
Date: 1994-12-03 19:48:12 UTC
From: twise@shell.portal.com
Message-ID: <3bqi1s$n68@news1.shell>
Source record: 264853

joe.taylor@woodybbs.com (Joe Taylor) writes:
> If, perhaps, the fellow that mispronounced YAESU or mis-spelled it might
>want to buffer all these retorts and IF there is any type of diability
>involved it would be neat to see what lawyers for the Americans With
>Disabilities Act could do with them. The fines are tremendous for even
>today's lifestyles and it takes so very little to be found guilty......

Supposing there is a disability which caused a person to mis-type a word
(hard to immagine, since he articulated the entire message just fine
except for that word), and other people posted follow up messages either
A. Correcting his mistake (as I did)
or
B. Making fun of, in some way, his mistake (as many did)

There is no form of retribution of the person with the "disability" twards
those who posted followups. If the person claimed that the followups
contributed to mental distress, or other emotional trauma, he would
be able to file a civil suit, but proving that postings on the Internet
contributed to mental distress and anguish would be very hard to do, and
quite humerous.

Otherwise, it's a freedom of speech issue.

Travis Wise
--

Travis A. Wise
twise@sparta.sjsu.edu

6299. Re: Which coax for discone?

Newsgroup: rec.radio.scanner
Date: 1994-12-03 19:53:19 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D0938w.10F@freenet.carleton.ca>
Source record: 264584

In a previous article, maverick@csulb.edu (Hiran C. Fernando) says:

>I am planning to put a Radio Shack discone antenna on my roof for my
>Pro-2006 scanner. For approximately a 50 foot run, which type of coax
>should I use, RG-8 or RG-8/M? I had read I should use 50 ohm coax, but I
>noticed that these two are 52 ohm. Will that damage my scanner?
>
>The Radio Shack discone is $60, and I noticed that Icom sells a similar
>one for $100 and $120 with 80 feet of coax. Is the Icom superior to the RS
>for the difference in price, or are they relatively similar in performance.

I am running RG-6U on my RS Discone. You can also run Belden 9913 if you
are feeling rich! I don't worry too much about line impedence on feed-line
as it really doesn't present a problem with recievers. It has 100% shielding
and very, very low loss (esp compared to RG-58 that Shack will try to sell)
RG-8U (foam dielectric) is what I would choose if you are stuck with RG-8

cheers

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

6300. Are Rochester NY - area PDs going to 800?

Newsgroup: rec.radio.scanner
Date: 1994-12-03 19:59:42 UTC
From: "Brian Heath"
Message-ID: <3bqine$8ao@uhost1.servtech.com>
Source record: 264854

Does anyone know whether Monroe County is moving its public safety radio frequencies to 800 MHz?

I saw them building a new radio tower at its communications center and I'm seeing antennas that look like 800MHz on the Rochester police cars?

If anyone knows -- any idea on frequencies?

Thanks,

Brian

A taxi driver on the information superhighway,

Brian Heath heathbar@cyber1.servtech.com
Rochester NY "Feel tired? Try STUN!! STUN is NUTS
spelled backwards!!!" -- The Three Stooges

6301. AOR8000 For sale

Newsgroup: rec.radio.scanner
Date: 1994-12-03 20:05:23 UTC
From: alex@wwa.com
Message-ID: <3bqj23$obf@sashimi.wwa.com>
Source record: 264855

AOR8000(UK)+RS232 interface, under warranty, like new.
I am looking for an offer that is closest to the US retail.

alex@wwa.com

6302. Re: WTB or advice... used Pro-2022?

Newsgroup: rec.radio.scanner
Date: 1994-12-03 20:54:26 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D0962q.ErG@nntpa.cb.att.com>
Source record: 264857

In article <3bqaga$fbb@beta.inc.net>,
John Foust <syndesis@beta.inc.net> wrote:

>...I saw a year-old Pro-2022 (w/mods) for sale for $200. Is that
>a good price, and a good scanner? ...

Strong images from cellular phone conversations make it difficult
to monitor public safety and business traffic in the 851-869 MHz
range on my PRO-2022.

RadioMap(TM) shows the nearest cell site to be several miles away
from my home.

Pay a few bucks more and look for a used PRO-2005 or PRO-2006
instead -- unless you are interested only in the 869-894 MHz
band.
--

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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6303. Looking to start scanning

Newsgroup: rec.radio.scanner
Date: 1994-12-03 21:32:46 UTC
From: R3PMP@VM1.CC.UAKRON.EDU
Message-ID: <17081E8AES86.R3PMP@VM1.CC.UAKRON.EDU>
Source record: 264858

Over the summer a friend of mine let me borrow his scanner. When he asked for it back, I didn't want to give it up. I'm addicted. I am looking to buy my own and am hoping someone can offer me some advice. I've been looking at the ones Radio Shack has, can anyone offer some words on these. I'm not looking to spend more that $160.00. Can I get anything that I won't be dissapointed with later on.

Thanx a lot...
Pat Prather

6304. Re: Philly POLICE 911 call transcripts

Newsgroup: rec.radio.scanner
Date: 1994-12-03 22:08:49 UTC
From: WALLY@ukcc.uky.edu
Message-ID: <17081F123S86.WALLY@ukcc.uky.edu>
Source record: 264859

Unbelievable...

Actually, it's believeable... I reported a man who had a shotgun pointed at a lady (presumably his SO) in his front yard kicking her in the gut, on a Tuesday night (IE: not a busy night for the police) and it took 25 minutes for them to get there from the time I called.. Took 15 minutes for dispatch to alert officers...

This is in Lexington Kentucky, but I guess it doesn't matter.. How much do we pay 'em, again?

--- _
Walter _ //
R ⊗X/ Wally@POP.CC.UKY.EDU Wally@UKCC.UKY.EDU
Francis Francis@UKPR.UKY.EDU Francis@MIK.UKY.EDU

6305. Hooper swan tracking?

Newsgroup: rec.radio.scanner
Date: 1994-12-03 22:25:00 UTC
From: henry@g0gku.demon.co.uk
Message-ID: <12031994222534um@g0gku.demon.co.uk>
Source record: 264682

In a thread, miles back, I asked about Hooper swan tracking, if anyone knew the frequencies.
Then, I noticed after some time in the rec.radio.info group a news item with that title, but I couldn't get it, since I saw it as a header, only.
When I went to fetch it, it had already gone off the machine.
Anyone manage to get it? or at least, know the frequencies used?
Thanks

--
Henry Brugsch
aka hbj elsewher, CIS: 75366.317.com
hbj@bix.com, Moderator of adaptive.tech conference, bix
(Join adaptive.tech)
The freedom of information is a right not a privilege.
"Striking the electric chain wherewith we are darkly bound"
(Lord Byron - a Worde for Windowes User)

6306. Kansas City unked

Newsgroup: rec.radio.scanner
Date: 1994-12-03 23:19:53 UTC
From: jrainekc@cyclops.pei.edu
Message-ID: <3bquep$uvi@kasey.umkc.edu>
Source record: 264861

Does anyone know when the Kansas City, Missouri PD will switch to 800Mhz? They've had their licenses for 23 repeater frequencies for over a year now and I can't wait for their switch because they are still using a VHF simplex system that I'm getting a little tired of.

6307. kansas city trunked

Newsgroup: rec.radio.scanner
Date: 1994-12-03 23:32:22 UTC
From: jrainekc@cyclops.pei.edu
Message-ID: <3bqv67$uvi@kasey.umkc.edu>
Source record: 264862

Does anyone know when the Kansas City, Missouri PD will switch to 800Mhz? They have had their licenses for 23 repeaters for over a year now and I'm really getting tired of their VHF simplex system. Thanks a lot.

6308. Re: Uniden 900mz Phone

Newsgroup: rec.radio.scanner
Date: 1994-12-04 00:15:21 UTC
From: dctrhappy@aol.com
Message-ID: <3br1mp$87s@newsbf01.news.aol.com>
Source record: 264863

In article <3bo6ck$8hj@tango.w8hd.org>, jlager@w8hd.org (Jim Lagerkvist) writes:

>>P.S. - If you have any comments to share about this phone, please email me. Exploring this product has become a hobby with me.

-Do you have a fix for the slight echo in the 9100? Actually, I have gotten used to it completely ,however I would like to hear your input.

6309. Re: Which coax for discone?

Newsgroup: rec.radio.scanner
Date: 1994-12-04 01:16:46 UTC
From: julian@kesteven.win-uk.net
Message-ID: <190@kesteven.win-uk.net>
Source record: 264485

In article <3bmc11$c96@garuda.csulb.edu>,
Hiran C. Fernando (maverick@csulb.edu) writes:

>I had read I should use 50 ohm coax, but I noticed that these two
>are 52 ohm. Will that damage my scanner?

No, because you're not transmitting (ignoring the IF bleed from the
tape-out phono). What is more important is that you won't even
notice any appreciable difference in Rx S-level, because 50 Ohms is
a nominal value only, and 4% is an acceptable tolerance. In fact by
the time it's been nailed to the wall, folded back upon itself
etc., thus altering its actual impedance further, in most cases
it'll still perform adequately.

Toodle pip!

/==\ /================\
Julian C. Grammer (julian@kesteven.win-uk.net)		(G1EKW)
Kesteven Communications, London W13, UK		(0) - (0)
+44 (0)181 723 6415 ||	
The views expressed herein are my own.		\ V /
They are also those of the company.		_____/
\==/ \================/

6310. Re: Freq Usage Question

Newsgroup: rec.radio.scanner
Date: 1994-12-04 01:31:48 UTC
From: julian@kesteven.win-uk.net
Message-ID: <191@kesteven.win-uk.net>
Source record: 264484

In article <199412021541.JAA07690@mail.cs.utexas.edu>,
Jim Saul (jsaul@np.atinc.com) writes:

>I live near a Navy Lab [snip...] I would guess they operate
>in the 400 Mhz range. [snip...] The antenna is a 30" base
>loaded whip. Any idea where to search for these?

Jim, the loading coil is a bit of a giveaway - certainly not
400MHz, sounds more like somewhere 35-45Mhz (sorry, I'm not
familiar with official US bandplans).

Happy hunting.

/==\ /================\
Julian C. Grammer (julian@kesteven.win-uk.net)		(G1EKW)
Kesteven Communications, London W13, UK		(0) - (0)
+44 (0)181 723 6415 ||	
The views expressed herein are my own.		\ V /
They are also those of the company.		_____/
\==/ \================/

6311. Re: HAM Radio Forsale! Blah blah

Newsgroup: rec.radio.scanner
Date: 1994-12-04 02:35:50 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Dec4.023550.17380@hpcvaac.cv.hp.com>
Source record: 264864
Cross-posted to: rec.radio.scanner,alt.radio.scanner,

price@jove.acs.unt.edu (Price Charles) writes:
: Gerald Schmitt (ggs@aerie.lanl.gov) wrote:
:
: > > So I am not allowed to poke fun at a person who is selling an
: > expensive
: > > radio, but apparently cannot even spell the name correctly?
:
: Poking fun is one thing, but your post didnt look humorous to me. I saw
: no "grin" or ":)" or anything or even any phrase that was remotely
: funny. I just saw a person so bored he had to flame a guy for
: misspelling a word, instead of simply correcting him.

I don't believe in using "smileys" to indicate humor or other emotions.

I suppose you never heard of "irony". You might look it up in a dictionary,
it has nothing to do with iron vitamins.

If I must explain: It is ironic that a person has a rig for sale, which
he/she has presumably been using for some time - and probably even has
handy to examine - and yet misspells the name. To me, this is a large
incongruity between the actual and normally expected results.

Bill

6312. Re: Simple (?) connector question

Newsgroup: rec.radio.scanner
Date: 1994-12-04 02:44:41 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Dec4.024441.17607@hpcvaac.cv.hp.com>
Source record: 264866
Cross-posted to: alt.radio.scanner,rec.radio.scanner

jadantin@ndlc.occ.uky.edu (Jim Dantin) writes:
:
: You have a short somewhere in the coax between the shield and the center
: conductor. I would guess the short is in the connector at the radio end
: of the cable.
:
: Use an ohmmeter to check - with cable disconnected from radio, you should
: have a high resistance between center and shield. If it shows a short,
: cut off the connector from the radio end and check again.

This is not totally true. Many antennas also show a DC short. To test the
coax, it would have to be disconnected at both the radio and antenna ends.

Bill

6313. Re: Wanted:Wash. State Patrol and Idaho State patrol Freqs

Newsgroup: rec.radio.scanner
Date: 1994-12-04 03:15:11 UTC
From: medic1@gwis2.circ.gwu.edu
Message-ID: <3brc7v$cir@cronkite.seas.gwu.edu>
Source record: 264867

richm (richm@on-ramp.ior.com) wrote:
: Does anyone have the freqs for the Washington State patrol (eastern and
: or western) or Kootenai County Idaho or Idaho State Patrol?

Idaho State Police - 460.100, 460.200, 460.275, 460.300

6314. Orgen State Freq.

Newsgroup: rec.radio.scanner
Date: 1994-12-04 04:02:24 UTC
From: Brad Herring <herring@nps.navy.mil>
Message-ID: <3brf0g$9ta@nps.navy.mil>
Source record: 264870

Hello All,
I am looking for the freqs. for the state of Orgen. I can
FTP. I would appereciate any information on how to get these
freqs. e-mail to: herring@nps.navy.mil

THANKS IN ADVANCE
Brad

6315. Fish and Game Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-12-04 04:05:15 UTC
From: Brad Herring <herring@nps.navy.mil>
Message-ID: <3brf5r$9td@nps.navy.mil>
Source record: 264871

Hello All,
Once again I am asking for the fish and game freqs for the
state of Califorina. I can FTP so any information will be greatly
apperecated. e-mail to: herring@nps.navy.mil

THANKS IN ADVANCE
Brad

6316. Re: CTCSS?

Newsgroup: rec.radio.scanner
Date: 1994-12-04 04:13:46 UTC
From: Anthony LaBella <72737.2400@CompuServe.COM>
Message-ID: <3brflr$ob0$1@mhadg.production.compuserve.com>
Source record: 264868

Continuous Tone Coded Squelch System...

SUBAUDIBLE tone is transmitted along with the carrier.

Those who DO NOT WANT to hear transmissions from units WITHOUT a
specific tone turn on their tone squelch (CTCSS). Then, they will
hear ONLY those transmissions that are accompanied by the tone. Note
that this acts only as a filter for the listener. If you don't have
CTCSS in your receiver you will hear EVERYTHING on the channel.
bwkwong@hsc.usc.edu (Brian W. Kwong) writes:
> Hello...just a couple of questions.
>
> What is CTCSS? If I'm able to decode these tones, what then? Who uses
> CTCSS?
>
> Thanks alot people...
>
>
> --
> +---+
> | BRIAN W. KWONG, B.Sc. | University of Southern California |
> | bwkwong@hsc.usc.edu | School of Dentistry |
> +---+

--

Tony

Brooklyn N.Y.

6317. Re: Programming ICOM IC-U16 UHF Transceiver channels

Newsgroup: rec.radio.scanner
Date: 1994-12-04 04:19:20 UTC
From: Anthony LaBella <72737.2400@CompuServe.COM>
Message-ID: <3brg08$ob0$2@mhadg.production.compuserve.com>
Source record: 264869

Hold down the finction key and press 1-5-9-3-5-7. This places you
in the program mode. Then hold down func. key and press 5. The recv.
fqy will b displayed. Then enter the new fereq frequency from the
keyboard and pres enter. (Hold down FUNC thru entire process).
To return to OPERAT. mode hold FUNC & press CLR.
Wny not get PROGRAMMING MANUAL from ICOM? ...or ask your supplier
for a copy!
--

Tony

Brooklyn N.Y.

6318. Re: OptoScan 456 Info

Newsgroup: rec.radio.scanner
Date: 1994-12-04 04:50:44 UTC
From: Glen Johnson <wb2mpk@gti.net>
Message-ID: <3brhr4$q5g@gti.gti.net>
Source record: 264873

ruhe@vms.cis.pitt.edu wrote:
>
> I'm looking for information regarding the OptoScan456. WhatI'm looking
> for is how powerful of a computer is needed to run the program and how much
> memory is needed. I'm thinking about using n old 8088 that I retired a few
> months ago. Also how difficult is the installation of the PCB into an
> RS 2006 ?? Thanks for your assistance -Dan-

Optoelectronics does product support on GEnie. If you have a GEnie account,
they hang out in the Radio & Electronics RoundTable. Or you can email
'em at opto@genie.geis.com .

6319. West Orange, NJ Police

Newsgroup: rec.radio.scanner
Date: 1994-12-04 04:56:43 UTC
From: Glen Johnson <wb2mpk@gti.net>
Message-ID: <3bri6b$q5g@gti.gti.net>
Source record: 264874

Anyone got the freqs for the West Orange, NJ PD? They just recently moved to 800mhz someplace within the last 6 months.

6320. Berkeley, Cal. Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-04 05:54:51 UTC
From: glarsh@news.holonet.net
Message-ID: <3brljb$ask@colossus.holonet.net>
Source record: 264675

Anyone with main Fire & Law enforcement frequencies for this area?

Thanks.....
.....Joe

6321. Re: What's Your Scanner Strategy

Newsgroup: rec.radio.scanner
Date: 1994-12-04 06:43:45 UTC
From: szhoag@dale.ucdavis.edu
Message-ID: <3brof1$pod@mark.ucdavis.edu>
Source record: 264676

Michael Malloy (mmjjmm@post.its.mcw.edu) wrote:
: I recently picked up a new PRO-2006. I am interested in the various
: methods people on the net program their scanners for flexibility and
: maximum coverage of important frequencies.

I also have a 2006; I have split my banks by region and service, since I'm
mostly interested in Fire/EMS/PD. I have also reserved some for local
rail and aircraft. Since I'm in California, I also have banks reserved
for Office of Emergency Services freqs, CA Dept of Forestry, USFS.

==================================-->>**88**<<--==================================
* Phillip Hoag, B.A., A.H.T. "Many men go fishing all of their lives
* EMT-1A, Volunteer Firefighter without knowing that it is not the fish
* Yolo Co. Heavy Rescue they are after." Henry David Thoreau
* Woodland, CA ->All comments are mine and mine alone<-
==================================-->>**88**<<--==================================

6322. Re: 2006 help

Newsgroup: rec.radio.scanner
Date: 1994-12-04 06:47:13 UTC
From: szhoag@dale.ucdavis.edu
Message-ID: <3brolh$pod@mark.ucdavis.edu>
Source record: 264677

Gary M. Glickman (glickman@panix.com) wrote:
: Is there some way to enter a frequency directly into a RS 2006 without
: first assigning a channel number? I can't seem to get it!
: --

Not that I've found. I'd be interested as well...

==================================-->>**88**<<--================================
* Phillip Hoag, B.A., A.H.T. "Many men go fishing all of their lives
* EMT-1A, Volunteer Firefighter without knowing that it is not the fish
* Yolo Co. Heavy Rescue they are after." Henry David Thoreau
* Woodland, CA ->All comments are mine and mine alone<-
==================================-->>**88**<<--================================

6323. Re: Berkeley, Cal. Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-04 07:01:28 UTC
From: szhoag@dale.ucdavis.edu
Message-ID: <3brpg8$pod@mark.ucdavis.edu>
Source record: 264678

Gerald A. Larsh (glarsh@news.holonet.net) wrote:
: Anyone with main Fire & Law enforcement frequencies for this area?

PD 460.175 Ch1 - Dispatch
460.250 Ch2 - Secondary
460.050 Ch4 - Records
460.250 Ch5 - CLEMARS
460.200 Liason to Albany PD
460.4125 Low power surveillance

154.770 UCB PD (repeater input)
155.445 UCB PD
155.475 UCB PD
155.505 UCB PD

FD 154.190 Ch1 - Dispatch
154.280 Ch2 - State freq. "White 1"
153.830 Ch3 - Portables only
154.920 BART Tunnel fire
157.050 Coast Guard interlink

Oakland is 800mHz & trunked--personally I find this a b--ch to listen to...

Hope this helps.

==================================-->>**88**<<--==================================
* Phillip Hoag, B.A., A.H.T. "Many men go fishing all of their lives
* EMT-1A, Volunteer Firefighter without knowing that it is not the fish
* Yolo Co. Heavy Rescue they are after." Henry David Thoreau
* Woodland, CA ->All comments are mine and mine alone<-
==================================-->>**88**<<--==================================

6324. What should a pro subscribe to? (was Re: December Monitoring Times...)

Newsgroup: rec.radio.scanner
Date: 1994-12-04 08:37:34 UTC
From: gkd@bigwpi.WPI.EDU
Message-ID: <3brv4e$18d@bigboote.WPI.EDU>
Source record: 264680
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <3bnlm4$dql@nntp.crl.com>, Flying Turtle <vhealey@crl.com> wrote:
>
>The only magazine that has lighter weight articles then Monitoring Times
>is Popular Communciations. I get neither on a regular basis.

I gave up on Popular Communications a year ago, but still find enough
in Monitoring Times to justify the subscription price. I agree that its
content is rather superficial though.

Let me turn the question around and ask what publications an experienced
listener (or even a newcomer with aspirations of graduating past the first
grade) should subscribe to. Are there communications periodicals which
are geared toward the serious listener, with a focus on information
rather than on being entertaining? I presume that any such publications
will be more specialized than Monitoring Times, and that choosing one will
depend upon which specific aspect of monitoring one wishes to pursue (i.e.
shortwave broadcasting, HF military monitoring, maritime, VHF/UHF scanning,
AM/FM DXing, etc.).

Greg

6325. Re: 2006 help

Newsgroup: rec.radio.scanner
Date: 1994-12-04 10:23:10 UTC
From: xcetus@bga.com
Message-ID: <3bs5ae$e5f@ivy.bga.com>
Source record: 264681

In article <3brolh$pod@mark.ucdavis.edu>,
Phillip Hoag <szhoag@dale.ucdavis.edu> wrote:
>Gary M. Glickman (glickman@panix.com) wrote:
>: Is there some way to enter a frequency directly into a RS 2006 without
>: first assigning a channel number? I can't seem to get it!
>: --
>
>Not that I've found. I'd be interested as well...

I guess a long way about it would be to make it a limit search with the
frequency as both the high and the low limit. Then you could save it as
a monitor channel. Then maybe transfer it to a bank channel.

Not a real timesaver :)
--
Chris Baleine

6326. Re: HAM Radio Forsale! Blah blah

Newsgroup: rec.radio.scanner
Date: 1994-12-04 10:41:42 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3bsofv$jm9@newshost.lanl.gov>
Source record: 264706
Cross-posted to: rec.radio.scanner,alt.radio.scanner

As I remember the original posting that started all
this; the poster was posting for a friend. If this is
the case there is no presumption of knowledge or availability
of resources to spell the name correctly. Yaesu is a
difficult name to spell correctly in the best of circumstances.
I really have been trying to quit the flame wars but your
attitude inspires. It take a dull and uncreative person
to spell all words the same as others do. Don't fall off
the soapbox and hurt yourself. :-)

6327. Re: Looking to start scanning

Newsgroup: rec.radio.scanner
Date: 1994-12-04 13:06:25 UTC
From: R3PMP@VM1.CC.UAKRON.EDU
Message-ID: <17082720AS86.R3PMP@VM1.CC.UAKRON.EDU>
Source record: 264684

In article <17081E8AES86.R3PMP@VM1.CC.UAKRON.EDU>
R3PMP@VM1.CC.UAKRON.EDU (Patrick M. Prather) writes:

I'm looking at the one Radio Shack has for $169.99. There isn't a model number
on it, but it has 50 channels and 800MHz. Could someone tell me what exactly
I will gain by having access to the 800MHz range.
Would you recommend this particular model or should I just go ahead and buy the
PRO-39 for $219.99?

Thanx, I really appreciate all the responses I've gotten.

Pat Prather

6328. 10 CODES NEEDED

Newsgroup: rec.radio.scanner
Date: 1994-12-04 13:10:03 UTC
From: garyj92556@aol.com
Message-ID: <3bsf3b$fml@newsbf01.news.aol.com>
Source record: 264685

Does anyone have a listing of the 10 codes and signals for Trenton,
Lawrenceville,
and Hamilton New Jersey. Thanks for the help.
Garyj92556@aol.com (Gary Johnson)

6329. Re: yagi antenna for 40-50 Mhz?

Newsgroup: rec.radio.scanner
Date: 1994-12-04 13:35:08 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <3bsgic$1ajg@bigblue.oit.unc.edu>
Source record: 264686

In article <199412011621.AA27728@xs1.xs4all.nl>,
nobody <nobody@vox.xs4all.nl> wrote:
>What is a good directional antenna for 40-50 MHz? What is the practical
>range at which one can receive pick up cordless using a Yagi?
>
Well, the distance from which you can pick up cordless phones using a Yagi
is limited by the transmitted power (not terribly high), and especially
two other factors: The gain of the transmit antenna, and the gain of the
receive antenna. (I'm skipping all the math junk I learned last year in
my antennas class :-)

Since most cordless antennas are not the best things in the world, and
since they transmit at relatively low powers, that means that to hear them
from large distances, you would have to have a pretty good receive
antenna. That, in concept, at least, if feasible.

There's only one thing: a Yagi meant for 49MHz is not going to be your
typical light, hand-held, easily mobile antenna. The wavelength at that
frequency is ~300/49, or 6.12meters=~20ft. So a 1/4 wavelength above the
mast of the antenna, and another 1/4 wavelength below, means a Yagi with
element lenths of approximately 10 feet.

Then the whole idea of the element spacing comes into play (I won't get
into the numbers on this part), and what you end up with is an
unmanageablely large antenna useful only for mounting on a tower or some
other similar structure.

So, yes, you can build a good Yagi antenna at any frequency you want, but
the issue of its size is often prohibitive at lower VHF frequencies.

Sherrod

--
-- --
Launchpad is an experimental internet BBS. The views of its users do not
necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
-- --

6330. Data Transmissions

Newsgroup: rec.radio.scanner
Date: 1994-12-04 14:16:38 UTC
From: an132339@anon.penet.fi
Message-ID: <142313Z04121994@anon.penet.fi>
Source record: 264687

Is there a way to decode the data transmissions that are recieved using a
modem or soundblaster stereo soundcard? Thanks in advance.

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

6331. Galveston, TX - Dickens on the Strand

Newsgroup: rec.radio.scanner
Date: 1994-12-04 15:27:00 UTC
From: wright@uhcl2
Message-ID: <4DEC199410270500@uhcl2>
Source record: 264688

The annual Dickens on the Strand Christmas celebration is this weekend (12/03) in Galveston. The Galveston PD are using 460.225 mhz for comms along the strand. Another freq is in use by the folks working events (gates, booths, clean-up, food, etc) but I could not find it. I searched all the UHF splinter freqs but it was not there. It may be a VHF freq (the antennas on the handhelds were UHF or VHF, not 800 mhz).

Russell Wright wright@cl.uh.edu

6332. Re: WAYSU

Newsgroup: rec.radio.scanner
Date: 1994-12-04 17:22:01 UTC
From: glennh@pnw.net
Message-ID: <3bstrp$7sn@cascade.pnw.net>
Source record: 264689

Joe Taylor (joe.taylor@woodybbs.com) wrote:
: If, perhaps, the fellow that mispronounced YAESU or mis-spelled it might
: want to buffer all these retorts and IF there is any type of diability
: involved it would be neat to see what lawyers for the Americans With
: Disabilities Act could do with them. The fines are tremendous for even
: today's lifestyles and it takes so very little to be found guilty......

Ahhh, the American way! If somebody says something you don't like sue them!!
Are you a lawyer youself Joe? Do you also chase ambulances? Are you now
going to sue me? I guess the disability act will cover you, it is quite
apparent that you have suffered massive head injuries. :-O

--
Glenn Hansen - KB7PKC
<glennh@pnw.net>
Tacoma, Wa

6333. Attach Scanner Out to Phone Line

Newsgroup: rec.radio.scanner
Date: 1994-12-04 18:03:24 UTC
From: starin@netcom.com
Message-ID: <starinD0Asto.MJ7@netcom.com>
Source record: 264691

Anyone know how I should go about hooking up my scanner's audio out to a phone line so the audio can be piped into it so a friend listening on the other end can hear the scanner activity? I figure you take the jack out leads and attach them to the microphone leads in parellel. But aren't there some ohm considerations and other stuff I should do so I don't blow out the central switching office? Not to mention my own phone.

Thankis
--
Jeffrey
{New York}

6334. Pro-43 Mods Anyone ??

Newsgroup: rec.radio.scanner
Date: 1994-12-04 18:12:58 UTC
From: ac871@cfn.cs.dal.ca
Message-ID: <D0At9n.4H2@cs.dal.ca>
Source record: 264690

I have seen numerous mentions of mods to the Pro-43 to engage the Cell band, to stretch the lower range from 30-50 to 30-88. Does anyone off-hand recall what specifically is required to do these mods ??

Thanx in advance ...

--

6335. Re: OptoScan 456 Info

Newsgroup: rec.radio.scanner
Date: 1994-12-04 18:32:23 UTC
From: tham@fas.harvard.edu
Message-ID: <3bt1vn$jik@decaxp.harvard.edu>
Source record: 264692

VPFS89A@prodigy.com (Richard Talley) writes:
>........
>The only problem I had was installing a little clip onto one of the IC's
>in the Pro-2006, the clip was very long and when I tried to put the lid
>on. Trying to solder this lead without the clip caused other problems.
>But, in fairness, other people have got the thing together and managed to
>bend this clip down without it hopping off.
>.........
>Enjoy --->Richard

FYI... First I hook the clip onto the legs of the IC about 30 degrees
from the circuit board. Second make sure the clip doesn't short out other
pins of the IC. Last, I hot glued the clip right to the RF tight metal
case, right next to the IC. That will not come off even when you shake
the 2006.

Fu

6336. OKI 900 + PC can target MINs

Newsgroup: rec.radio.scanner
Date: 1994-12-04 18:52:09 UTC
From: nobody@vox.xs4all.nl
Message-ID: <199412042131.AA01979@xs1.xs4all.nl>
Source record: 264699

In the premiere issue of WIRED, John Markoff of The New York Times wrote about V.T. and N.M., two Silicon Valley "telecommunications hobbyists" who were among the first to discover that cellular telephones could be reprogrammed to do new, wonderful things. One especially intriguing idea they had was the following:

"V.T. and N.M. have considered writing software to particular phone numbers. They could easily design a program that turns the OKI 900 on when calls are originated from a specific number, or when specific numbers are called."

Several companies manufacture hardware units that will scan cellular freqs for specific MINs, ignoring all non-targeted cellular trans-missions. Tech Support Systems of Menlo Park, Calif., makes the Cellmate, which fits into a briefcase and can scan for up to 10 MINs (area code + seven-digit number of the targeted telephone) at a time. Another company whose name escapes me makes Mac-based unit called the Triggerfish which does the same thing. These systems cost 10s of thousands of dollars, and the manufacturers will sell only to cops and spooks.

I'm not a programmer, but it would seem to me that V.T. and N.M. have a practical idea. With just a little work writing code, one should be able to make a software program that would enable an OKI 900 or any other cellular telephone with a PC interface to target cellular telephones by their MINs. Just as Phil Zimmermann's freeware PGP program put strong, practical crypto in the hands of ordinary people without badges and big budgets, the writer of a MIN scanning program could enable ... Well, you get the idea.

6337. Nuts & Volts Address Plea

Newsgroup: rec.radio.scanner
Date: 1994-12-04 19:17:00 UTC
From: jack.treger@channel1.com
Message-ID: <40.12457.2433@channel1.com>
Source record: 264694

JS>Could someone please post the subsription address for NUTS & VOLTS?

JS>Thanks
JS>--
JS>Jeffrey
JS>{New York}

Nuts & Volts Magazine
430 Princeland Court
Corona, CA. 91719

---
* SLMR 2.1a * ########################

6338. Re: What should a pro subscribe to? (was Re: December Monitoring Times...)

Newsgroup: rec.radio.scanner
Date: 1994-12-04 19:38:19 UTC
From: malamb@mailbox.syr.edu
Message-ID: <3bt5rb$gva@newstand.syr.edu>
Source record: 264693
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Gregory K Doerschler (gkd@bigwpi.WPI.EDU) wrote:

: Let me turn the question around and ask what publications an experienced
: listener (or even a newcomer with aspirations of graduating past the first
: grade) should subscribe to. Are there communications periodicals which
: are geared toward the serious listener, with a focus on information
: rather than on being entertaining? I presume that any such publications
: will be more specialized than Monitoring Times, and that choosing one will
: depend upon which specific aspect of monitoring one wishes to pursue (i.e.
: shortwave broadcasting, HF military monitoring, maritime, VHF/UHF scanning,
: AM/FM DXing, etc.).

I would suggest the club bulletins, such as the NASWA Journal, since those
are usually more specialized. Also, I'd also suggest "fine tuning" for
those interested in more difficult shortwave DX.

73--
Marie Lamb
malamb@mailbox.syr.edu

6339. BC855 and BC860 Data Squelch?

Newsgroup: rec.radio.scanner
Date: 1994-12-04 20:25:24 UTC
From: jwilkers@freenet.columbus.oh.us
Message-ID: <3bt8jk$s0s@acme.freenet.columbus.oh.us>
Source record: 264695

I saw an ad for the new BC 860 XLT Scanner and saw it had a data squelch built in. I am wondering if perhaps then, a mod to the BC 855 could enable such a sqhelch control? Both scanners are virtually identical, so maybe this may not be so hard....

Has anyone attempted anything on this scanner?

Thanks

--

John L. Wilkerson Jr. jwilkers@freenet.columbus.oh.us

6340. Re: HAM Radio Forsale! Blah blah

Newsgroup: rec.radio.scanner
Date: 1994-12-04 20:39:29 UTC
From: glennh@pnw.net
Message-ID: <3bt9e1$d8q@cascade.pnw.net>
Source record: 264696
Cross-posted to: rec.radio.scanner,alt.radio.scanner,

bill nelson (billn@hpcvaac.cv.hp.com) wrote:

: I suppose you never heard of "irony". You might look it up in a dictionary,
: it has nothing to do with iron vitamins.

: If I must explain: It is ironic that a person has a rig for sale, which
: he/she has presumably been using for some time - and probably even has
: handy to examine - and yet misspells the name. To me, this is a large
: incongruity between the actual and normally expected results.

I find it ironic when people post replies and don't have a clue
concerning the facts. Isn't it ironic that the original poster that
couldn't spell Yaesu stated in his message that he was posting the ad for
a friend? Isn't it ironic that people have accused him of all sorts of
things just because he was trying to a friend a favor?
--
Glenn Hansen - KB7PKC
<glennh@pnw.net>
Tacoma, Wa

6341. Re: HAM Radio Forsale! Blah blah

Newsgroup: rec.radio.scanner
Date: 1994-12-04 21:12:20 UTC
From: tkc@ins.infonet.net
Message-ID: <3btbbk$pn0@insosf1.infonet.net>
Source record: 264697
Cross-posted to: rec.radio.scanner,alt.radio.scanner,

Glenn! Now just look at all the fun the gang has had!

In article <3bt9e1$d8q@cascade.pnw.net>, glennh@pnw.net (Glenn Hansen) writes:
>bill nelson (billn@hpcvaac.cv.hp.com) wrote:
>
>: I suppose you never heard of "irony". You might look it up in a dictionary,
>: it has nothing to do with iron vitamins.
>
>: If I must explain: It is ironic that a person has a rig for sale, which
>: he/she has presumably been using for some time - and probably even has
>: handy to examine - and yet misspells the name. To me, this is a large
>: incongruity between the actual and normally expected results.
>
>I find it ironic when people post replies and don't have a clue
>concerning the facts. Isn't it ironic that the original poster that
>couldn't spell Yaesu stated in his message that he was posting the ad for
>a friend? Isn't it ironic that people have accused him of all sorts of
>things just because he was trying to a friend a favor?
>--
> Glenn Hansen - KB7PKC
> <glennh@pnw.net>
> Tacoma, Wa

6342. **revised** For Sale:

Newsgroup: rec.radio.scanner
Date: 1994-12-04 21:18:00 UTC
From: joe.taylor@woodybbs.com
Message-ID: <93.1373.7592.0NFB6EE8@woodybbs.com>
Source record: 264709

Make my offer $40 and tell me where to send the check.
73 Joe Taylor N4NAS
PO Box 1852
Glasgow, KY 42142-1852

 BgNet 1.0 12 049/000: Pipeline BBS - Glasgow, Ky - 502-651-2556

6343. For Sale: Uhf Public Safe

Newsgroup: rec.radio.scanner
Date: 1994-12-04 21:18:00 UTC
From: joe.taylor@woodybbs.com
Message-ID: <93.1374.7592.0NFB6EE9@woodybbs.com>
Source record: 264710

Hi Mike:
Make it $25 and you've sold it. I hope it has a BNC connector.
Joe Taylor N4NAS
PO Box 1852
Glasgow, KY 42142-1852

• BgNet 1.0•12 • 049/000: Pipeline BBS - Glasgow, Ky - 502-651-2556

6344. Re: rochester, NY frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-12-04 21:33:23 UTC
From: pgoldsmi@bu.edu
Message-ID: <3btcj3$25n@news.bu.edu>
Source record: 264698

Monroe County EMS--everything except City of Rochester--uses 155.295
for just about everything countywide. All the other freqs I know are for the
other side of the city.
Phil Goldsmith
pgoldsmi@acs.bu.edu

6345. Re: West Orange, NJ Police

Newsgroup: rec.radio.scanner
Date: 1994-12-04 22:40:42 UTC
From: HFDJ33D@prodigy.com
Message-ID: <3btgha$gk4@usenetw1.news.prodigy.com>
Source record: 264700

West Orange, NJ PD/FD/EMS/PW are using the following 800 MHz trunked system: 867.075, 867.725, 868.325, 868.6625.

Hope this helps.

Ian Rosenblum

6346. whiteman AFB

Newsgroup: rec.radio.scanner
Date: 1994-12-04 22:50:07 UTC
From: jrainekc@cyclops.pei.edu
Message-ID: <3bth2v$s1a@kasey.umkc.edu>
Source record: 264702

Does anyone know some aircraft fequencies that are in use on the Whiteman AFB, Missouri? Thanks for the help.

6347. Mods for bc70xlt

Newsgroup: rec.radio.scanner
Date: 1994-12-04 22:55:00 UTC
From: tromero@sdcc15.ucsd.edu
Message-ID: <76905@sdcc12.ucsd.edu>
Source record: 264701

I was wondering if there is any modifications that can enhance the preformance and capabilities of my scanner. Thanks

Tim

6348. Wanted: DTMF decoder and freq inversion circuits

Newsgroup: rec.radio.scanner
Date: 1994-12-04 23:42:02 UTC
From: mm884030@LANCE.ColoState.Edu
Message-ID: <3btk4a$grr@yuma.ACNS.ColoState.EDU>
Source record: 264703

Howdy all!

I was wondering if anyone out there has schematics for a dtmf decoder,
and a frequency inverter (decoder, even though I believe they're the same.)

I'm looking for something to do over xmas break. If you can mail them to
me, I'll reimburse you for photocopying, mail, etc. If you can scan them
and send them to me, that would be great!

Thanks for your time

Marek Marasch
mm884030@longs.lance.colostate.edu

6349. NOAA weather alert tone?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 00:44:17 UTC
From: linley@netcom.com
Message-ID: <linleyD0BBDt.4tG@netcom.com>
Source record: 264718

What is the "alert tone" that the NOAA transmits before a severe weather warning? I've never heard it. Is it an audible tone or a CTCSS tone? Thanx.

--
Reality (more or less).....Bruce James Robert Linley | Intel: United they
Internet...linley@netcom.com (linley1@aol.com if you must) | stand divided they
Postal.....3675 S. Rainbow Blvd. #107, Las Vegas, NV 89103 | fall, all for 1 &
Amateur Radio.....KE6EQZ (-.- . -.... . --.- --..) | 1.0000379 for all!

6350. Mods for Uniden/Bearcat SC150 "Twin Turbo SPORTCAT" ?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 01:39:46 UTC
From: Pat_Barron@transarc.com
Message-ID: <oisaxWOSMV1b5KRk9y@transarc.com>
Source record: 264704

Anyone have any mods for this scanner? I looked on the FTP server on oak.oakland.edu, and didn't find anything.

Thanks!
--Pat.

6351. Re: OKI 900 + PC can target MINs

Newsgroup: rec.radio.scanner
Date: 1994-12-05 02:10:23 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3btsqf$hcr@nntp.crl.com>
Source record: 264705

Below is one the things that intrigues me about the AR8000.
It shou be able to do the same thing under software control.
You can target certain phone numbers if you are in law enforcemnt
and track considerable data about them by using I believe the top of
the line icom vhy uhf radio. I forget the model number but it is
a desk unit. I saw in Nuts and Volts about a year ago there was software
and a commercial interface for cellular technicians to track calls
in their cell systems.

If any one knows were those articles are in electronic format
I would like to have a copy of them. I gave my issue away to a buff.

IF IT IS POSSIBLE to control the ar8000 while the radio is on from
a software program one could route the data from the audio
to a decoder and serial port for input and use that data
to switch the other vfo to the proper signal with your targets speech.

The switching signal is heard on the target channel and yoiu merely would have to follow
its instructions
to go elsewhere or go back to scanning the data channel for fruther instructions.

Am I correct in this? I am trying to remember what I learned about how the
cellular ssytem worked.

Next would be how to follow a TSR used by public saftey. Another
rainny weekend project.

Any comments

mailto:vic@PING.COM

PS I learned a few minutes ago the unix os requires some urls
like the one above to have mixed case before they will work.
You can always mix the case of machine domain since it dosn't matter
to the server.

nobody@vox.xs4all.nl (nobody) wrote:
>
> In the premiere issue of WIRED, John Markoff of The New York Times wrote
> about V.T. and N.M., two Silicon Valley "telecommunications hobbyists"
> who were among the first to discover that cellular telephones could be
> reprogrammed to do new, wonderful things. One especially intriguing idea
> they had was the following:
>
> "V.T. and N.M. have considered writing software to particular phone
> numbers. They could easily design a program that turns the OKI 900 on
> when calls are originated from a specific number, or when specific

> numbers are called."
>
> Several companies manufacture hardware units that will scan cellular
> freqs for specific MINs, ignoring all non-targeted cellular trans-
> missions. Tech Support Systems of Menlo Park, Calif., makes the
> Cellmate, which fits into a briefcase and can scan for up to 10 MINs
> (area code + seven-digit number of the targeted telephone) at a time.
> Another company whose name escapes me makes Mac-based unit called the
> Triggerfish which does the same thing. These systems cost 10s of
> thousands of dollars, and the manufacturers will sell only to cops and
> spooks.
>
> I'm not a programmer, but it would seem to me that V.T. and N.M. have a
> practical idea. With just a little work writing code, one should be
> able to make a software program that would enable an OKI 900 or any
> other cellular telephone with a PC interface to target cellular
> telephones by their MINs. Just as Phil Zimmermann's freeware PGP
> program put strong, practical crypto in the hands of ordinary people
> without badges and big budgets, the writer of a MIN scanning program
> could enable ... Well, you get the idea.
>
>

6352. Re: aor8000 sources?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 02:25:07 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3bttm3$i4g@nntp.crl.com>
Source record: 264707

I have to say it seems that dealing with Jonathan is as they say,
though I haven't received my radio yet. I ordered it via a
phone call to Bradford UK. Several hours later was email with a tracking number
and a check sat showed it was in US customs. You can
check only after 8PM on Sunday and they told me that it had cleared customs and was
enroute for am delivery Mon.

Now that is fast I think considering how another told me he ordered one last tuesday
from US source and expects it sometime mid week next.

The cost came to 450LB with the extra stuff I ordered.
Looking in Sat's business news it said the exchange was 1LB = 1.56 US.
That comes to $744.12 delievered after you add the 6% US import tarrif.
When Gatt goes into effect it may be even cheaper. :>)

mailto:vic@PING.com

perryp@iia.org (Paul Perry) wrote:
>
> Leo Hinds (leoh@hardy.hdw.csd.harris.com) wrote:
>
> : Hi ... I was trying to find out where (outside the US) I can purchase an
> : aor8000 and have it shipped to me. I have seen references to Javiation
> : (in the UK) and Atlantic (in Canada), but no phone numbers.
>
> : Can anyone post or email those (and other possible sources) - thanks
>
>
> : Leonard Hinds
>
> : --
> : Leo.Hinds@mail.csd.harris.com Leo Hinds (305)973-5229
> : 2101 W. Cypress Creek Rd. Ft. Lauderdale, FL 33309-1892
>
> I'll second Mike's comments. Jonathan at Javiation is the most reliable
> radio dealer I have ever found, and I have had the opportunity to test
> his no quibble warranty.
>
> Paul, WB2ERY
> perryp@iia.org

6353. Re: Wireless Mic's. What Freq??

Newsgroup: rec.radio.scanner
Date: 1994-12-05 03:33:33 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1994Dec5.033333.2435@grian.cps.altadena.ca.us>
Source record: 264713

kjn@netcom.com (Ken Navarre) writes:

>Rob Hall says:
>" If someone would tell me at what Frequency I could pick up wireless mics,
>" like the ones they use at Rock Concerts and such. Thanks

>I have found the following frequencies to be active at concerts. Search
>the first three bands for additional ones. The frequencies 72-76 Mhz also
>carry the audio feeds for movie theaters that provide stereo audio for
>patrons.

>Hope this helps.
>Ken

> Freq Mode USE
>----------- ----- -------------------
> 49 - 50 WFM Wireless Mics
>174 - 216 WFM Wireless Mics
> 72 - 76 WFM Wireless Mics
> 174.500 WFM Wireless Mics
> 176.200 WFM Wireless Mics
> 177.600 WFM Wireless Mics
> 180.200 WFM Wireless Mics
> 180.200 NFM Wireless Mics
> 180.400 WFM Wireless Mics
> 182.200 WFM Wireless Mics
> 186.600 WFM Wireless Mics
> 192.600 WFM Wireless Mics
> 202.200 WFM Wireless Mics
> 208.200 WFM Wireless Mics
> 209.000 WFM Wireless Mics

I think you'll find more baby monitors in 49-50 than wireless mics.
I spent one summer working for Cetec-Vega in El Monte, CA. They make
(made? I haven't talked to anybody there in years) top-quality wireless
mics that were frequently ordered on VHF TV frequencies. When I asked
about that, the answer was that they were ordered by local companies that
rented them out, and they were on _unused_ TV channels in that area.

So look at the TV channel allocation chart in a reference book and try
searching the unused TV channels in your area. I'd try the wide FM
mode. You'll probably find multiple signals - one of Vega's products
that was sold on TV frequencies was the "six pack" - a single box with 6
receivers, diversity antennas, and a audio mixer, and six wireless mics
on different frequencies. They also made 9-packs and 12-packs.
This system allows on-the-fly audio management, allowing any mic or

combination of mics to be killed by itself (Watch a Garth Brooks concert sometime - he has a hand signal he uses when he has to cough. This alerts the sound man to kill his mic for a second).

I tried to borrow a 6-pack for my wedding, but the sales manager was overseas for 3 weeks. My idea was to have a 6-pack feeding a multi-track tape deck - one track per mic - resulting in nice clear audio from each person (the preacher, the lector, my wife's father, my wife, my self, etc) on the final edit of the video tape... Oh well.

Have fun scanning....

--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

6354. Re: Frequency database programs?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 03:42:15 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1994Dec5.034215.2871@grian.cps.altadena.ca.us>
Source record: 264714

nldaniel@kong.syr.edu (The Cosmic Weenie) writes:

> Are there any shareware/public domain programs that can be
>used to organize and keep track of scanner frequencies? I have heard
>that there are commercial ones, and I suppose that a spreadsheet could
>be used. I'm not looking to *control* the scanner, I have a 205xlt, I
>just want to keep track of frequencies. Any suggestions would be
>appreciated.

> Neer Danielli
> nldaniel@mailbox.syr.edu

I've tried several, and I end up coming back to Microsoft Access.
I've set up a small database which includes freq, service, channel name
(their name - like "Freq 1"), callsign, use (like "prime dispatch"),
site (like "Mt. Wilson"), building (like "MRA"), and a Notes field.

Many local sites have multiple buildings. One of my hobbies is ham
radio, and I do some part time work for a two-way house. One ofthe
things I help do is interference tracking and analasis, and many times
it helps to know what site a given signal is coming from, and once in a
while what building. So when I find out, I add it. Then down the road
when we have a problem on Mount Lukens, we can seperate all the sources
on thet site out and check each frequency for problems...
PS: "MRA" is Mobile Radio Associates - they have buildings on a dozen or
so sites here in LA. Used as an example only.
--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

6355. Re: Nuts & Volts Address Plea

Newsgroup: rec.radio.scanner
Date: 1994-12-05 05:04:22 UTC
From: "Gregory yea... you can call me Greg" <gregmason@delphi.com>
Message-ID: <B281Oie.gregmason@delphi.com>
Source record: 264711

Jack Treger <jack.treger@channel1.com> writes:

>JS>Could someone please post the subsription address for NUTS & VOLTS?

here is the subscription tel# ask em for a sample issue... I got one for free
1.800.783.4624
Pretty interesting mag.

---Greg

6356. Re: Attach Scanner Out to Phone Line

Newsgroup: rec.radio.scanner
Date: 1994-12-05 05:07:24 UTC
From: "Gregory yea... you can call me Greg" <gregmason@delphi.com>
Message-ID: <BW8Xm8U.gregmason@delphi.com>
Source record: 264712

Jeffrey Starin <starin@netcom.com> writes:

>Anyone know how I should go about hooking up my scanner's audio out to a
>phone line so the audio can be piped into it so a friend listening on the
>other end can hear the scanner activity? I figure you take the jack out

Go get yourself a telephone-tape recorder adapter. You can get em at RatShak
Instead of puting the micro jack into the tape player... put it into the ear
phone out of your scanner... put the switch on PLAY and youre in business.
---Greg

6357. BC9000XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-05 05:25:25 UTC
From: andycl168@aol.com
Message-ID: <3bu885$qbk@newsbf01.news.aol.com>
Source record: 264716

I'm about to return the Bearcat 8500 that I received the other day, and I was wondering if anyone had any information about the 9000 XLT that's supposed to come out next month. Specifically, I'm wondering if it's going to have the features of the 8500 (500 channels, alphanumeric, CTCSS) without the pitfalls (you can only program CTCSS and alphanumeric on the first 250 channels. If anyone has any information, even unsustantiated rumor, I'd be interested in hearing it.

Thank you for your help.

Andy Clark
clarkan@yang.earlham.edu

6358. Looking for a way to get signal from scanner to modem?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 05:29:32 UTC
From: "Gregory yea... you can call me Greg" <gregmason@delphi.com>
Message-ID: <JW3U+2c.gregmason@delphi.com>
Source record: 264715

I was answering a post from someon asking for a way to play scanner audio to a friend on the phone. It occured to me that the scanner-modem question is the very same one.

I told the person that they should get a radio shack telephone recorder. You know the type that has the female modular plug in it? Just plug the audio in/out jack into the scanner earphone plug. I tried this after posting, and and of course, it works.

It occured to me that people asking for an easy way to connect their scanners to their modems would benefit from this trick.

Let me know if it helps.

---Greg

6359. Secret Service

Newsgroup: rec.radio.scanner
Date: 1994-12-05 06:10:22 UTC
From: aidekman@mail2.sas.upenn.edu
Message-ID: <3buase$54k@netnews.upenn.edu>
Source record: 264717

A friend of mine is interested in scanning and he was wondering if its possible to get Secret Service frequencies. If anyone has any info on this, please post here or e-mail me, thanks....

--
Dave Aidekman
aidekman@sas.upenn.edu

6360. Re: NOAA weather alert tone?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 08:35:06 UTC
From: scan911@aol.com
Message-ID: <3bujbq$sll@newsbf01.news.aol.com>
Source record: 264719

In article <linleyD0BBDt.4tG@netcom.com>, linley@netcom.com (Bruce James Robert Linley) writes:

>What is the "alert tone" that the NOAA transmits before a severe weather >warning? I've never heard it. Is it an audible tone or a CTCSS tone? Thanx.

It's a 2,000 Hz tone. It opens receivers equipped with a 2,000 Hz tone decoder.

Chuck
SCAN911@aol.com

6361. Re: Do police use DIGITAL TRANSMISSIONS?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 09:44:50 UTC
From: steinr@ucs.orst.edu
Message-ID: <3bunei$ff4@gaia.ucs.orst.edu>
Source record: 264720

In article <785807137.AA02773@jina.rain.com>,
Joshua Jeffery <Joshua.Jeffery@p79.f40.n105.z1.fidonet.org> wrote:
....
....>
> MV> Can anyone tell me if their local police department use digital
> MV> transmissions at all? (Cannot be understood on scanner!)
>
> MV> I am just wondering if digital is used much throughout the world.
>
>Well, my department went to 800 MHz a couple of months ago, and we're all
>setup for digital communication, although it isn't rolling as of yet, and
>I hope it doesn't, because I consider it very annoying.
>
>Josh
>
>***
>*Joshua Jeffery 1:105/40.79 FIDO Joshua.Jeffery@p79.f40.n105.z1.fidonet.org*
>*FIDO/INTERNET Dwight@Industrial.com Jefferyj@Glencoe.hillsborouh.k12.or.us*
>* USENET Explorer, Wash. Co. Sheriff's Office *
>***
>
>
I consider 800 MHz trunked communications annoying in general.

Especially when more than one department trunks through the SAME group
of frequencies. That way, you can't set your scanner to scan through
the group of frequencies and expect to hear your ONE favorite department.

I guess that won't be a big deal when communications go digital. Then
we won't be able to scan them at all (in the normal fashion at least).
--
=+= |C =+=+=+=+=+=+=
RAY STEIN __B_|/ --/\/\--
OSU Electrical Engineering |\ ___mmm___
=+= |E =+=+=+=+=+=+=

6362. N. Wx Serv WWIN?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 10:48:25 UTC
From: scott@hp8c.nrl.navy.mil
Message-ID: <scott.47.000ACEED@hp8c.nrl.navy.mil>
Source record: 264579

Reading thru todays Washington Post Business Section and found an interesting article.
The National Weather Service has developed the Wireless Weather Information Network (WWIN). They transmit from Silver Spring, Md.. Signals "carry text, graphics and satellite photos to anyone who has a personal computer, a $60 police scanner and a special $150 hardware and software kit."

Sounds interesting, perhaps take the audio from the scanner and try to decode the data sent. Now to find the frequency.

Any ideas?

Scott

6363. Re: Ftp Access

Newsgroup: rec.radio.scanner
Date: 1994-12-05 10:53:05 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.39.000AE2D8@ccm.hf.intel.com>
Source record: 264586

In article <3bkrlq$rlp@newsbf01.news.aol.com> jima119256@aol.com (JimA119256) writes:

>I have a friend in another state who does not belong to aol but he does
>have FTP access. How would he be able to participate in the
>rec.radio.scanner newsgroup.? Any help would be appreciated.

I do not know of any link between FTP and Usenet (r.r.s). It is possible that some FTP site has Usenet messaged archived, but I am not aware of any such sites. I do know that there are some places you can send e-mail to and if you format it properly, it will get posted to whichever newsgroup you want, but that won't let you read the messages. Probably the best way to get access to r.r.s is to find a local BBS that carries the traffic (and supports off-line message reading).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

6364. Re: **revised** For Sale:

Newsgroup: rec.radio.scanner
Date: 1994-12-05 11:12:40 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3busj8$r9r@nntp.crl.com>
Source record: 264721

joe.taylor@woodybbs.com (Joe Taylor) wrote:
>
> Make my offer $40 and tell me where to send the check.
> 73 Joe Taylor N4NAS
> PO Box 1852
> Glasgow, KY 42142-1852
> ---

Make that out to Hedi Fliess, Left Coast.

Explain your hooby to your wife when she sees the canceled check. <grin>

ki4je

6365. Re: VERY BEST DESKTOP SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 11:21:59 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.40.000B5E2D@ccm.hf.intel.com>
Source record: 264587

In article <3bl47g$jc4@adam.spu.edu> rsharp@paul.spu.edu (RC Sharp) writes:

>For a desktop scanner, with the most features, best sensitivity, and
>either comes with no "gaps" or is modifiable, and is available either in
>the states or Canada... under $700,

>WHAT IS THE BEST?

>It seems that everyone keeps hooting about the AOR 8000. So far, this is
>the one I plan on buying.

THe 8000 is a hand held, not a desktop. If you can get a Pro-2006, that would be the best desktop currently available. I would put the AR3000A second, but it is over your price range.

Like Jeff said, you may want to wait until Uniden releases the 9000xlt base unit. Who knows, maybe Uniden will get it right this time.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

6366. Re: Frequency database programs?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 11:26:19 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3butcr$r9r@nntp.crl.com>
Source record: 264722

morris@grian.cps.altadena.ca.us (Mike Morris) wrote:
>
> nldaniel@kong.syr.edu (The Cosmic Weenie) writes:
>
> > Are there any shareware/public domain programs that can be
> >used to organize and keep track of scanner frequencies? I have heard
> >that there are commercial ones, and I suppose that a spreadsheet could
> >be used. I'm not looking to *control* the scanner, I have a 205xlt, I
> >just want to keep track of frequencies. Any suggestions would be
> >appreciated.
>
> > Neer Danielli
> > nldaniel@mailbox.syr.edu
>
> I've tried several, and I end up coming back to Microsoft Access.
> I've set up a small database which includes freq, service, channel name
> (their name - like "Freq 1"), callsign, use (like "prime dispatch"),
> site (like "Mt. Wilson"), building (like "MRA"), and a Notes field.
>

I have tried several but IMHO Microsoft Excel is the absolute best way
to mangage frequency lists for scanners.You can paste a copy of plain text
into it with frequencies and then convert it on the fly into data format
that you really can manipulate! The output can be easily moved to other forms
for compute control of the scanner.

The little applet that comes with os/2 warp is pretty but not anywhere
near as powerful or as easy to use. It may be a start though for someone just
playing around who dosn't really care that they may reach a dead end in choices.

Vic ki4je

mailto:vic@ping.com

6367. Re: How to shield a PRO-2006?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 11:31:14 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.41.000B859E@ccm.hf.intel.com>
Source record: 264588

In article <bq2zO44oEMF8kSol06b@cms.uncwil.edu> blythe@cms.uncwil.edu (Marshall Blythe) writes:

>If anyone has any ideas for adding RF shielding to the stock plastic PRO-2006
>case please e-mail me. Perhaps there is an aftermarket metal case available to
>replace the plastic one. If you know of such a case I'd like to hear from you!

I have seen lots of ideas on this. The most simple method seems to be to get some condutive tape - You can get the stuff from hardware stores. I was also told pilot shops carry "propeller" tape that is conductive. Cover the top and bottom case with the tape and make some connection from case to ground.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

6368. Re: NOAA weather alert tone?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 11:41:42 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3buu9m$r9r@nntp.crl.com>
Source record: 264723

linley@netcom.com (Bruce James Robert Linley) wrote:
>
> What is the "alert tone" that the NOAA transmits before a severe weather
> warning? I've never heard it. Is it an audible tone or a CTCSS tone? Thanx.
>

It is a combination of two tones mixed together that you hear
and that can be decoded by circuit to unlatch the receiver's
audio and set off a local alarm. In the Atlanta metro area the NOAH
Weather System is tested every Wed morning. Before I bought one
of those $19 alerting receivers from RatShack while working I
would tune a vhf radio to local continous broadcast during severe weather.
Then if I heard a tone instead of the continous chat you know I paid close
attention to the urgent broadcast.I usually give gifts of wx receivers
each spring when the go on sale and the weather gets 'hot'.

There are new developments that others may fill you in on as to details.
The government can take over local broadcast and cable tv systems
with the flip of a switch for things like a tornado warning.
This was use locally for the first time last year by our
local Cobb County government and some others.

You can't easily modify a wx receiver to work as an alerting
unit on the ham bands. I would modify a pager first as it would
be esier and cost the same. MHO only.

ki4je

6369. Re: Whiteman AFB Freqs

Newsgroup: rec.radio.scanner
Date: 1994-12-05 12:50:06 UTC
From: jstone@iglou.iglou.com
Message-ID: <D0C8zI.MAI@iglou.com>
Source record: 264605

To: jrainekc@cyclops.pei.edu (Jonathan Raines)
Subject: Re: Whiteman AFB Freqs

>From: jrainekc@cyclops.pei.edu (Jonathan Raines)
J>Does anyone know some aircraft fequencies that are in use on the Whiteman
>AFB, Missouri? Thanks for the help.

These are the freqs that I have listed in the IFR Supplement

Pilot to Dispatch: 372.2
Approach control: 125.1, 284.0
Tower: 134.2, 255.6
Ground Control: 275.8
Departure Control: 127.45, 398.2
Clearance Del: 127.525, 335.8
Command Post: 311.0, 321.0
Hawk Ops: 41.0 FM
Metro: 344.6

These are from 1993, someone who lives nearby or has been to the base
recently may have more accurate info.

Hope this helps,

John Stone

6370. Re: HAM Radio Forsale! Blah blah

Newsgroup: rec.radio.scanner
Date: 1994-12-05 13:18:34 UTC
From: julian@kesteven.win-uk.net
Message-ID: <198@kesteven.win-uk.net>
Source record: 264608

In article <1994Dec4.023550.17380@hpcvaac.cv.hp.com>,
bill nelson (billn@hpcvaac.cv.hp.com) writes:
> price@jove.acs.unt.edu (Price Charles) writes:
>: Gerald Schmitt (ggs@aerie.lanl.gov) wrote:

>:
>: > > So I am not allowed to poke fun at a person who is selling an
>: > expensive
>: > > radio, but apparently cannot even spell the name correctly?
>:
>: Poking fun is one thing, but your post didnt look humorous to me. I saw
>: no "grin" or ":)" or anything or even any phrase that was remotely
>: funny. I just saw a person so bored he had to flame a guy for
>: misspelling a word, instead of simply correcting him.
>
>I don't believe in using "smileys" to indicate humor or other emotions.
>
>I suppose you never heard of "irony". You might look it up in a dictionary,
>it has nothing to do with iron vitamins.
>
>If I must explain: It is ironic that a person has a rig for sale, which
>he/she has presumably been using for some time - and probably even has
>handy to examine - and yet misspells the name. To me, this is a large
>incongruity between the actual and normally expected results.

Is it not at least equally ironic that a person has news reading
software available, which he/she has presumably been using for
some time, and yet flames without noticing the fact that the
original poster was attempting to help a friend, from whom he/she
got his/her (admittedly erroneous) information? You may not believe
in smileys, Bill, but I think I smell humour (sorry, you'd prefer
humor) impairment.

Let's start having fun,

Julian.

/==\ /================\
Julian C. Grammer (julian@kesteven.win-uk.net)		(G1EKW)
Kesteven Communications, London W13, UK		(0) - (0)
+44 (0)181 723 6415 ||	
The views expressed herein are my own.		\ V /
They are also those of the company.		_____/
\==/ \================/

6371. Finally got one...

Newsgroup: rec.radio.scanner
Date: 1994-12-05 13:31:49 UTC
From: R3PMP@VM1.CC.UAKRON.EDU
Message-ID: <1708377F5S86.R3PMP@VM1.CC.UAKRON.EDU>
Source record: 264724

I finally did it, I bought a PRO-39. I am having a good time with it, and was wondering if there are other sources for frequencies besides searching. I do a lot of traveling and it would be inefficient for me to search every time I pass through a new part of the country. Is there a book that lists basic frequencies by geographical location?
I was impressed with the Radio Shack salesman. He handed me a page full of local frequencies when I bought the scanner. That was very helpful.

Also... I'm using (for lack of the correct term) one of those things that connects the coax in computer networks to the network card. I use it as an elbow for my antenna so I can lay the scanner flat and keep the antenna vertical. Does anyone know if this will affect my reception?

Thanx.
Pat Prather

6372. SW Radio Reviews (VERY LONG - 65K)

Newsgroup: rec.radio.scanner
Date: 1994-12-05 13:37:04 UTC
From: jlloyd@pluto.cs.clemson.edu
Message-ID: <3bv520$2fm@hubcap.clemson.edu>
Source record: 264575
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

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Below is a collection of SW receiver reviews written by readers of Rec.radio.shortwave. The number following the brand and model number is the number of readers, who indicated they use this type of receiver.

All credit for these reviews should be given to the readers of this group and not me.

John Lloyd

Radios Reviewed:

AR3000
DAK DMR-3000
Emerson PSW-4010
Grundig Satellit 500
Grundig Satellit 700
Icom IC-R70
Icom R-71A
Japan Radio Company NRD-515
Japan Radio Company NRD-525
Kenwood TS-450
Lowe HF-150
Lowe HF-225
Magnavox 3625
Magnavox AE-3805
Panasonic RFB-65L
Philips AE3905
Realistic DX-342
Realistic DX-350
Realistic DX-375
Realistic DX-380
Realistic DX-390
Realistic DX-440
Sangean ATS-803A
Sony 2010
Sony ICF-5100
Sony ICF-5900W
Sony ICF-7601
Sony ICF-SW20
Sony ICF-SW33
Sony SW-1
Sony SW-15

Sony SW-55
WATKINS-JOHNSON HF-1000

****

Sony 2010 - 3

I found it VERY easy to plug in and start listening. The supplied instructions are adequate for what they do, but are not really enough to really start enjoying the radio. The whip antenna works great at home, but just doesn't cut it at work (way too much metal/interference). Even the supplied wire antenna does not seem to help at work (I have not yet tried it at home (no real need).

****
Realistic DX-342 - 1

I've owned this little radio for about a year now and am really pretty happy with it.

Advantages: Size - Measuring approximately 4 3/4 x 2 5/8 x 1, you can take this little mini anywhere! Even slip it into your shirt pocket!
SW bands - Covers 9 SW bands: 49m, 41m, 31m, 25m, 21m, 19m and 16m.
MW, FM, FM Stereo (thru headphones)
Travel Power lock
Push button control
Runs on two AA batteries or AC adapter
Travel pouch
Carrying strap

Disadvantages: It's an analog unit, guys and gals, no digital display.
No back stand
Antenna does not rotate up

I've had a lot of fun with this little receiver. The SW sensitivity is quite good for my area of the country, Cleveland, Ohio. The speaker has a nice sound and improves thru the earphones. FM stereo thru headphones is great! MW DXing is surprisingly good! I can grab signals from Boston, Chicago, New York and Cincinnati much better than on my Magnavox AE 3625 Digital!

Summary: A nice little travel radio that's fun to fiddle with or take for travel when you're in a pinch. Radio Shack has discontinued this model so you might be able to find it on sale for around $50.00. I love the size! Ideal for travel! I'm

beginning to think that anything larger is too
cumbersome. I do miss the Digital Display and all the
features that go with it: Freq. display, Alarms,
world time display, etc. If I were buying today, though,
I'd consider what else is out there for just a bit more
money. For example, the new Sangean 606 is only
slightly larger and has all the digital features mentioned above that I miss. I
've seen it priced for as little as
$179.95!

****
Realistic DX-350 - 1

I bought this radio when I first started out in shortwave listening
because it was the cheapest thing at Radio Shack. I think I paid $60
for, but I'm pretty sure the price has gone down since then.

Nowadays I mostly use it as my travel radio. Sesnitivity is okay for the
price, but not too great. When I'm at home (western US) I can pick up
the major international broadcasters, but no too much else. On my trips
back East, I've found sensitivity picks up some, but it's still only
fair.

Performance on the AM and FM bands is average, but longwave seems to be
nearly useless. I've never heard any nav beacons on this one, even
though there are several near my house.

Radio Shack sells a reel antenna for about $8, and I picked one of these
up when I bought my radio. It helps reception a little, but not very
much. A much better solution is to wrap a stripped end of a wire around
the the whip antenna, and attach the other end to a metal windowframe.
I've tried connecting my longwire to it, but that just overloads the
receiver (not surprising).

One major problem that I've noted is that the dial markings on some
shortwave bands seem to be off by up to 10 kHz. If you know about it,
it's not much of a problem to work around, but initially it could be
quite confusing.

Overall, this receiver is average for its price. There's no real
surprises, either good or bad. If you really want an inexpensive radio,
go for this one. Otherwise, I would advise saving your money and going
for an inexpensive digital radio.

****
Realistic DX-375 - 1

It costs $99.99 though I got it for $89 since I had a coupon for a
rebate. For the price I think I got a good deal. It has digital tuning
and direct input of frequencies which allows tuning to be a pretty
simple job and not a time consuming act of patience. It uses two C type
batteries... I use rechargable ones and they last a pretty long time..

It is not small enough to carry in your shirt pocket but it could fit in the front or side pocket of an average sized backpack. It is just great when you are walking back home from school/work ... it can be easily carried in one hand as you catch up on the news from BBC/Deutschewelle/Radio Australia/etc.... as you walk home..
I get decent reception of all the `big stations' even indoors and have, on occasion also been able to tune to Radio UAE....

The sleep function is perfect for someone like me who likes to fall asleep with music... the FM sound is pretty good in stereo (headphones)... The AM reception is also fairly good but it has a very high tendency to catch those Bible bashing stations...probably a reflection of the region where I live...

The strap is a little shoddy and I have a feeling I may have to `fix it' soon... I expect it to pop out any moment....
Despite that, I like it...

****
Realistic DX-380 -2

I've owned a DX-380 for about 9 months now and....
It's a GREAT RADIO! However, I should qualify this. I bought it on sale from Radio Shack for the bargain price of $129.95! It regularly retails for $179.95. At $130.00, this radio is a real steal!

About the size of a large paperback book, the 380 is feature packed!

*DUAL CLOCKS
*ALARM WITH RADIO/BUZZER
*60 MINUTE SLEEP TIMER
*DUAL BANDWIDTHS
*DIRECT FREQ. ENTRY TUNING
*TUNING KNOB
*SLEW TUNING
*TUNES IN 1 OR 5 KHZ STEPS
*CLOCK DISPLAYED SEPARATELY
*BACKSTAND
*STEREO THRU HEADPHONES
*CONTINUOUS SW COVERAGE...NO GAPS!
*AUTO SCAN UP OR DOWN
*ANTENNA ROTATES AND SWIVELS
*CARRYING CASE

The sensitivity of this radio is GREAT! With a reel antenna, it's even better! I read another review that said reception was lousy....I think that individual should check his particular receiver as he might have the rare defective unit. MW reception is also outstanding and with a Slect-A-Tenna is greatly improved! Herein Cleveland, I pick up Chicago, Cincinnati, and Pittsburgh during the day WITHOUT the select-a-tenna! With the S-A-T reception gets an added boost!

(these are all 50,000 watt stations)

I have found it to be about the perfect travel size. I would like something smaller, like the 606. This size, however is fine. I've carried hardbound books on jets that are larger. The many features makes up for it's slightly larger size over a mini. It does not have SSB, but I really don't miss it.

All in all, A great radio priced at $130.00! I would not have bought it for the price of $179.95. There are other radios in that price range that ive ya more bang for the buck. At $130.00, it's a great deal! If you can get it at that price, snap it up!

I am by no means an expert, but I have a DX-380 and can give some of my experiences. First of all, I would pay the extra to get the 390 to get the single side band capability. I miss it. I miss it. Also, the sensitivity for foreign broadcasts (I'm in DC) without an external antenna is poor. You get the BBC and some German broadcast relays from Canada transmitters, some south american stuff, and that's it. BUT with a 50 m Cu wire out my 2nd story window attached to the antenna with an alligator clip, I regularly get Abu Dhabi and Australia at night.

****
Realistic DX-390 - 2

Great mid-sized digital portable. Good sensitivity and selectivity. Digital display shows time, frequency, signal strength, and memory location. Covers LW (in 9 kHz steps), MW (in 9 or 10 kHz steps) and SW continuously from 150 kHz to 30000 kHz. FM reception (88-108 MHz) with stereo through headphone jack. BFO control for SSB reception. Built-in timer/clock, 9 programmable memory locations per band, except 18 on SW. Good audio output. RF Gain and AM bandwidth controls. Keypad frequency entry. External antenna, AC-adapter inputs.

A great radio for the beginner or as an upgrade from a smaller and/or analog unit.

Purchased from Radio Shack for $219 in January, 1992.

I have a new Realistic DX-390 (alias Sangean 813??). Seems to be a great value for the price $169 US. I haven't yet heard from someone who can recommend a radio for the same price that is better, and can back it up with facts.

****
Grundig Satellit 700 - 3

Truly a world-class portable, digital receiver. Excellent sensitivity and selectivity. Digital display with two separate clock/timers, signal strength meter, band selection, frequency readout, and user-definable eight-character "name" for each

memorized station. Has RDS circuitry on FM to decode the newly-phased-in system for identifying stations by call letters, format, etc. 512 memory positions, upgradable to 2048. Tunes in .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. Receives USB and LSB. Synchonous detector helps pick difficult-to-receive stations out of the crowd. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz). Excellent audio output, with separate treble and bass controls. Stereo through headphones or external speakers. Line-level out (left and right), external antenna, and 12 VDC-in jacks. Local/DX switch. Built extremely rugged. Multi-national power supply included.

An outstanding performer, and worth the price to a serious SWL or DX'er who requires portability.

Purchased from Universal Radio for $479 in April, 1993.

The Following is a comparison of the SONY ICF-SW77 and the GRUNDIG SATELLIT 700:

Both of the receivers you are looking at are pretty solid. The Sony is slightly smaller and has a somewhat more "finished" feel about it. The Grundig is SOLID with a much better sound. Neither is as good a SW signal receiver as the previous Sony, the '2010 (2001). However, they both have very advanced features; multiple (and in the Grundigs case, expandable) memories with alphanumeric tags so that you have a name as well as a frequency, all sorts of memory grouping and scanning etc. The Grundig has good RDS ident. on it's FM band, but I have a feeling that this isn't used much, if at all, in the US. If you intend to buy second-hand, be very wary of the SW77 - the early version was pretty flakey. The later version is better but still not as good as the '2010.
I think that the choice comes down to "feel". They are both quite complex to use, but both work as advertised. Try 'em both as they have quite distinct operational methods. If sheer performance on SW is the main point for you, compare them with the Sony ICF2010. You'll buy it and save some loot !
For what it's worth, I tried them both and settled on the Grundig. I have my Satellit 700 in daily use and it's performed without a hitch.

My reasons for the choice were:

1. Performance. The Grudig was much better than the early SW77.
2. Sound. I happen to prefer the slightly bassy Grundig sound to the somewhat sharper Sony.
3. Power. The Grundig takes D cells and can self-charge Nicads in the set, which is how I have it set up. (The SW77 used C cells)

They both run down batteries fast. The Sony worse than the Grundig due to it's smaller cells.
4. RDS. I love it and the SW77 doesn't have it.
5. Feel. I like the, I don't know, Germanic solidity and sheer heft of the Satellit. A Satellit with a full load of 4AH Nicads can tip the scales at twice the weight of a SW77. Of course, if drop one on your foot the Sony would be the better bet ! I only use the Grudig about the house. I have a '2010 for the road.

I hope this splurge hasn't clouded the issue for you.

Editor's Note:
I have one of these radios and love it! I sent the following message to someone just after I bought it.

I just recently forked out $500 and bought a Grundig Satalit 700. The sound from the radio is truely impressive! I have always wondered why broadcasters put music on shortwave, because it alway sounded like garbage. However with the 700 I can listen and enjoy the music. The 700 has Bass and Treble controls, which improve the sound quality but the Automatic Gain Control most likely does the most toward improving the sound (I'm not an expert, so this is just a guess!). Anyway my Wife regularly listens to music coming from a 60m band radio station in Guatemala, and can enjoy the sound. However there are some bad points. It is programable, but I have not worked out how to do it yet. Well I tried once and gave up. This is not too bad though, because BBC, Deutche Welle, and about 10 others are stored in a ROM table. And these frequences actual work (i.e. they are the frequencies for North America and NOT Germany).
Also I connected a long wire antenna and found my local AM station on shortwave. I guess the front-end is not good enough to sort the signals out when coming from a large antenna. But don't worry about this either.
If you only want to listen to the biggies like BBC, Deutche Welle, you won't need an external antenna. I am planning to put a Pre-selector between The Radio and the Antenna, and I think this will cure the problem of AM stations on shortwave and cut out some interference. Finally I recommend this radio to you. I'm sure you will have hours if enjoyment from it.

****
Grundig Satellit 500 - 2

Formerly Grundig's flagship portable SW receiver, this is still an excellent piece of equipment. Excellent sensitivity and selectivity. Digital display with two separate clocks (only one displayed at a time), signal strength meter, frequency readout, and four-character user-definable "name" for each memorized station. 42 memory positions. Tunes to .1 kHz

increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. In addition to AM, has three receiving "modes" for LW, MW, and SW: USB, LSB, and "Sync," which should more accurately be described as "fine tuning," as this implementation of synchronous detection operates differently from the Satellit 700 or Sony 2010. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz).
Excellent audio output, with separate treble and bass controls. Stereo through headphones. Line-level out (mono), external antenna, and 12 VDC-in jacks. Local/DX switch.
Built extremely rugged. Power supply included.

An all-around great performer. Now that it's discontinued, many outlets are selling this unit at close-out prices, making this radio an excellent value for the money.

Purchased from Universal Radio for $379 in December, 1992.

I have a Grundig Satellit 500 and am basically satisfied with it. I miss the 512 memories of 700 and 'SSB clarify' control sometimes.

Yes, its 'sync' is exactly fine tuning in 100 Hz steps. However, it is rather simple to make it work similarly to '700 and '2010, because the detector chip is the same in all three. Only a switch with two pairs of contacts is needed. Another design fault, the excessive distortion in SSB mode, can be partly cured by adding two resistors. For serious DX-ers it may be important that the internal ferrite rod cannot be disabled on MW and LW in both 500 and 700, so the in-house noise may become a problem on these bands.

****
Lowe HF-150 - 1

The Lowe HF-150 (sold by Universal and EEB) is a nice compromise. Similar number of cubic inches as the Sony (different shape), but offering some features of the R8. Also the Lowe is made with a mostly solid alumnum case, which is better than the Sony or the Drake. The Lowe has dual antenna inputs (wire or SO-239), record out, audio out, 12vDC in. It can run off any 12V DC battery.
I use 7 aH gelcells which I recharge. The Lowe also takes 8 internal AA nicads *OR* disposable batteries. It will recharge the nicads with a builtin recharger if you plug it into an external power supply. It's a nice semi-portable radio. It has a few ideosyncracies, but you might want to look at it.

****
Lowe HF-225 - 2

I've had an HF-225 for a few years now, and I'm pretty happy with it. I use it mainly for broadcast listening. It's connected to 25m of random wire via a 5m coax run inside the house.

I tried using an ATU to improve the matching between the aerial and the coax, and on some frequencies it gave a (small) improvement in signal strength, but it was such a pain to keep retuning that I gave up using it.

I recently bought a "magnetic longwire balun", and this seems to offer the best of both worlds - improved matching between the wire and the coax, but no retuning necessary. It's rather expensive, though, and it may be that I'd have been just as well off with a home brew transformer on a ferrite ring...

The other potential advantage of an ATU, filtering out of strong signals well away from where you're listening, seems to be completely irrelevant on the HF-225. I've never yet found a case where switching in the attenuator did anything beneficial. The receiver's front end seems to be excellent in this respect.

I've got the sychronous detector option, and I wouldn't be without it. It quite often makes a heavily fading signal quite pleasant to listen to. Pity it doesn't have a selectable sideband option, though - I quite often find myself tuning an AM signal in the LSB or USB modes to try to get rid of an adjacent interfering signal.

Would I buy it again? Yes, unless I decided that I really wanted a receiver which offered a computer interface.

****
Sony SW-1 - 2

I bought an SW1E over a year ago, for listening to broadcast SW and FM at home and while travelling. I like this very small radio a lot. It is maybe expensive for a portable, but the build quality is very good, - everything looks and feels right.
Battery life is good, and the set DOES work with NiCads (2*AA) contrary to the instructions. Reception of broadcast SW is good, either with the whip or clothes-line antenna. I've never noticed any big problems from adjacent channels either. As a bonus, FM stereo reception is good through headphones. Audio quality from the in-built speaker is fair, but you'll want to use phones for noisy environments. The only bug with this radio is the memory capacity - only 10 mems is really not enough to cover ALL of AM and FM.
Summary - if you want a very small portable, and appreciate high quality (and can afford it), I would recommend the SW1E. Note the E, which denotes the SW1 kit without the active antenna and brief case - these add a lot to the price, and I don't rate the antenna too highly either.

****
Sony SW-15 - 1

I bought one of these puppies on impulse the other day (at my age you should give in to the occasional impulse, just so they keep coming). Cost $85; you could probably do better by shopping the discounters.

Specs:

Dual Conversion Receiver, 6 1/2 x 4 x 1 1/2 inches, 3 AA or 4.5v DC.

Nine Bands:

FM: 76-108 Mhz, 10.7 Mhz IF.

SW: 5.775 -6.425; 6.875-7.525; 9.375-10.025; 11.6.5-12.265; 15.00-15.65 17.50-18.15; 21.325-21.975. 1st IF 10.7 Mhz; 2nd IF 455 Khz.

MW: 530 - 1710 Khz; 455 Khz IF.

Analog Tuning dial, volume control, music/news tone switch, 7 position SW band selector. FM/MW/SW select buttons double as "on" switches. "Off" button. "Hold" button to disable "on" (prevents accidental turnons) Slide rule, multicolumn frequency display. Hand strap, foldout stand to hold at angle on table, soft carrying case. Basic shortwave guide. Telescoping antenna. FM/MW/SW "on" and tuning LEDs. Mono earphone jack.

Subjective Review:

I'm pretty impressed. Sensitivity is up there with the Pomtrex [:-)] without the "splatter" of strong stations. Analog tuning dial requires a delicate touch but for me that's part of the fun. Drift seems nonexistent; you get a station and it keeps it without a lot of vernier twiddling. MW performance was surprisingly good, as was FM. I'd recommend it as a starter radio.

****
Sony ICF-5100 - 1

I bought this radio in Kuala Lumpur in 1988, and I'm not sure if it goes by the same model number in other parts of the world. It is a shirt pocket analog tuned radio with coverage from 6MZ to about 21MZ in seven bands. The radio is very rugged and has served me well despite of the physical abuse it has gone through. Because of its small size the speaker is only small and the sound from it it a little tinny, but I used it mainly to receive news in countries without English language news services and in remote areas while camping etc. I recommend this radio to anyone, who considers size the most important factor. Cost was about US$70.

****
Sony ICF-7601 - 2

In some respects this is my favorite radio. No bells no whistles no FM stereo -- just a good solid (feels like a small brick)

analogue unit. It covers AM, FM and has 10 SW bands that cover most of the "out of band" frequencies. Band switching on SW is done by a slide on the front of the radio while buttons are used to switch from AM to FM to SW. The dial is accurate to 5 kHz so is very easy to locate a station. I believe that it was simply the best low cost analogue rig out there. It's still around and can be had for well under $100.00. Grab it!!

I have a 7601 also. Most of its weight is from the batteries and the speaker, giving it better tone and volume than smaller, lighter sets.

As with other cheap analog sets, it wasn't very hot out of the box.

If you "super tweek" the 7601, it's pretty good on AM, but no match for a 2010 or Superradio III. Most of the shortwave bands peaked up well, but I never could get 19 meters working right. As with most analog portables, the whip is part of the RF tuned circuit, so one must be careful to duplicate the exact listening conditions when tweeking the radio. Even the presence of headphones will shift the antenna tuning.

Unfortunately the 7601 picks up FM stations at various places on the shortwave bands. If you're far enough away from FM and TV stations you might have room for an R-390.

When going on trips I usually take my SW-1 because of the convenience of the presets and the reception flexibility provided by the active antenna that comes with it.

****
Sony ICF-SW33 - 1

I've owned this radio (SW33) for about 9 months and use it as my "carrying around the house rig." It was purchased to replace a Sony 7601 that now resides on my desk at college (things electronic can grow legs on a college campus). By far the best features of this unit are its convenient size and excellent performance on all bands, AM, SW and FM stereo. Don't get me wrong -- this is not a DX machine on SW but for listening to the major broadcasters, it's excellent.

The single filter selection seems just about right and tuning on SW is in 1 kHz intervals. This at least gives you a "fighting chance" to move away from interference. That's a major improvement over the 5 kHz that many radios in this price range allow. In addition, the dual conversion design on SW keeps image interference at bay - a major plus for a small portable.

The radio does not have a keypad so entering frequencies is a bit clumsy. However, by entering the middle frequency of each of the major SW bands in the 7 memories (5 memories plus 2 timer

memories) and slewing up or down from those positions you can get around reasonability fast. The SW bands are changed by a combination of 2 keystrokes.

The sleep control (shuts the radio off after 1 hour) can let you be lulled to sleep and the timer alarm can make sure that you get to work on time (radio shuts down after 2 hours if it is turned on by the timer). Setting the radio alarm is very easy - once you have set the clock, but that frankly, is a pain. The clock function, which works very well (combination world/home time), takes at least 7 distinct steps to set it. Fortunately the clock is fairly accurate (looses about 0.2 sec/day) so you don't have to reset it very often. The lighted dial (stays on for 20 sec at the touch of a button) is a nice touch.

Battery life is excellent contrary to the 1994 Passport to World Band Radio (see below). The radio has a battery "gauge" that is activated at the touch of a button radio and shows in the display as a battery icon with 3, 2, 1 or 0 dots inside of the battery outline. It disappears after about 5 seconds. As soon as the number of dots reaches 0, the radio shuts off immediately. I ran a a series of tests with Radio Shacks Super Alkaline batteries and got the following results: 3 dots showed for 37 hours, then 2 dots showed for an additional 11 hours, and finally 1 dot showed for 3.0 hours for a total of 51 hours. (Radio ran 1.5 to 2.5 hours/day with the volume control set at 1/2 volume most of the time). At $2.89 (plus 5% for tax) for a package of four AA batteries (the radio takes 3), that figures out to 4.5 cents/hour which is excellent. This figure differs greatly from that given in the 1994 Passport (25-30 cents/hour). I have no explaination for the difference but I stand by my test values.

Would I recommend this radio to anyone? If you do a lot of band-scanning, forget it; it will drive you crazy. But at about $140.00 plus shipping (NYC mail-order) it's an excellent "second" radio to carry around for listening to the major broadcasters. I like it!

****
Realistic DX-440 - 2

I have a DX-440 and I think it is a good 'dabble' radio but if I ever get serious I will look for a > $500 table model.

I love this radio! It's my main radio and I use it exclusively at home, moving it from room to room. It really is too large for travel

I've found the sensitivity to be tremendous on SW, MW and FM! Very rarely do I need to attach a clothsline antenna! It has continuous SW coverage, a great sounding speaker, BASS and Treble controls, two bandwidths, great sensitivity, good spurious signal rejection...It has all the features I wanted in a starter radio! I bought it about three years ago on sale for $150.00! I still

don't know why Radio Shack discontinued it. If you're
looking for a good starter shortwave radio and can still
find one laying about at a Radio Shack store priced to move,
GRAB IT!

****
DAK DMR-3000 - 1

I bought this radio since they have a 30-day money back guarantee
and I did not know if I would like the hobby or the radio. Good
points: direct-entry tuning, 36 station memories, fairly small so
it is easy to travel with, speaker sound was good, reception was
okay, but improved dramatically with the addition of the Radio
Shack 23' rollup longwire ($8.95). Bad points: only 5kHz tuning
steps, only major broadcast bands tunable (large gaps between
bands), selectivity not so good, no fine tuning, no BFO, no SSB
or CW, poor FM reception. All in all, not a bad radio of $69.90,
however, it left me wanting for more, so I got rid of it.

I have seen a couple of posts asking for a low cost SW receivers.
I have recently bought a DAK Model DMR-3000, for just
$69.90+$6.00 shipping from DAK - a mail order company.
The receiver has a direct access, so you can type in the desired
frequency, and a manual / automatic scanning system. It also has
a dual time clock with alarm and 'sleep' timer. Unfortunately you
can tune only to the commercial frequencies on SW, AM and FM
bands. I have to say though that cheapness comes at a price. The
first receiver I got was defective so I had to ship it back and
ask for a replacement. Now, I received a new one which works very
well.

Compared to my Sony ICF-7601 the DAK unit is an insensitive
brick. The fancy clock and timer features aren't really worth it.
About the only thing nice is the FM Stereo support if you plug in
headphones but the FM sensitivity leaves much to be desired as
well.
Something else to watch for.... That pretty lettering on the
buttons will wear off REAL fast. If you haven't used it much yet
you won't see a wear off REAL fast. If you haven't used it much
yet you won't see a problem. After you've done some tuning you'll
see the pretty arrows disappear from the buttons.

****
Sangean ATS-803A - 1

Since I was now turned on by SWL'ing, I moved up to what most
people agree is the best all-around radio for this price. Good
points: excellent frequency band coverage (150kHz to 30mHz), fine
tuning, good selectivity, BFO for SSB and CW, many scanning
options, lots of accessories included, good AM and FM reception.
Bad points: way too big to travel with, high battery consumption,
synthesizer noise in background all the time, scanning frequently

skipped lots of "listenable" stations that I was able to get by manual tuning (what's the use in scanning, then?). I found that adding a longwire antenna only increased interference and noise while not improving the set's scanning sensitivity. Overall, a fairly good radio for the price...

I have a Sangean ATS803A which I love. Comments to quote me on would be that it's an excellent beginner's radio for the price. Although I've heard that the 818 is the "latest and greatest" in this price/performance category. I especially love the full coverage 150kc-30mhz and the (albeit lo tech bfo) SSB capability.

****
Sony ICF-SW20 - 1

I was in dispair when I could not find a decent travel portable for under $200. However, I accidentally crossed paths with a Sony ICF-SW20 on sale (normally $99, on sale for $49.99) at a local store and had to check it out. It is an analogue set, but since I got a 30-day return policy on it, what the heck? Good points: analogue tuning so no problem with confining 5kHz tuning steps, INCREDIBLE SENSITIVITY - this radio blew the DAK and Sangean away with the number of stations I picked up, good selectivity (no fine tuning knob - all you need to do is turn the tuning knob slowly), tiny size (4"w x 3"t x 1"d), small whip antenna (only 18"), addition of Radio Shack rollup longwire increased sensitivity even more, great low price (if I lose it or its gets destroyed, no problem replacing it), tuning bands are wider than the major broadcast bands, so you do get some utilitiy reception as well as WWV, AM and FM are really sensitive while FM goes from 76mHz to 108mHz so I can pick up some TV as well. Bad points: frequencies cover only seven broadcast bands (I can live with that, though), only monaural earphone included (however, you can get a $1.39 mono to stereo headphone plug), no BFO for SSB or CW, no station memories. All in all, this radio gave me the best price/features/size ratio of the ones I checked out first-hand. It's a keeper for me!

****
Magnavox 3625 - 1

Finally received my Magnavox 3625! Well, I'm certainly happy I purchased this little radio. Sure, it's not top shelf, but it's suitable for travel purposes and gives adequate SW coverage.

Has these features:
Travel Lock
Alarm (beeps, does not turn on radio)
Sleep Timer
9/10 KHz switch - for world travel
12 hour clock (however, when unit is swith to 9 KHz steps 24 hour

clock kicks in)
20 presets - 5 for each band FM, AM, SW1, SW2
Dual time
Auto store - this feature allows the radio to automatically find
the five strongest stations in an area and program
them into the memory of the FM & AM band.
Back stand
Antenna swivels and rotates
Runs on four AA batteries.

Well, the sensitivity is quite good. Steps in 1 KHz increments.
No tuning knob but the slew tuning buttons work just fine. It's
about the size of a paperback book and can be taken anywhere
reasonably well. No carrying strap,
though. The SW coverage is limited but it grabs the major
broadcasters exceptionally well. Example: the 41 meter band is
covered from 7100 to 7300. So if you want to listen to the BBC
on 7325, you're oput of luck.

However, I like to listen to the BBC on 12095 or 15070 European
signals during the day that I cangrab when I attach a long wire.
The 3625 can't tune these freqs. but it can grab 15400 (from
africa) WITHOUT a long wire antenna! I'm pretty impressed.

Bottom line....A GREAT little travel radio for $70.00! Call a
Magnavox outlet if you are interested.

****
Magnavox AE-3805 - 2

Great little digital portable. Good sensitivity, average
selectivity. Covers MW (in 10 kHz steps only), FM (no stereo),
and SW in two "bands": 3200-7300 kHz and 9500-21750 kHz. Built-
in timer/clock (12 hour format only), 5 programmable memory
locations per band. Great for travel use.

Purchased from Damark for $49 in May, 1993.

$50 from Damark closeout -- cheapie category

****
Emerson PSW-4010 - 1

Great analog portable. Good sensitivity and selectivity. Covers
MW, FM (stereo through headphones), and SW in 8 bands (roughly
split out as 13m, 16m, 19m, 25m, 31m, 41m, 49m, and
60/75/90/120m). An excellent travel portable.
This is the same radio as the Sangean SG-789.

Purchased from DAK for $49 in June, 1988.

****
Sony ICF-5900W - 1

Sony ICF-5900W was a good radio in its day, but isn't worth
listing now.

****
Icom IC-R70 - 1

I purchased my R70 in early 1983. It came with a scratched plastic
window for the digital display, which the factory replaced. It is
an extremely sensitive receiver. I installed the FM detector board
option, which is highly useful for Sub-Carrier detection from FM
broadcast receivers in conjuction with the R70's ability to tune
below 100khz without a frequency convertor. The so-called PassBand
Tuning (PBT), in actuality an asymmetrical bandwidth narrowing
control, is very mediocre with the factory 455khz filters. Replacing
the 455Khz ceramic SSB filter with a Fox-Tango FT-44 2.4khz 8-pole
crystal filter (equivolent to the ICOM FL-44) makes the passband
filter work as one would want. The AM 455Khz ceramic filter is junk,
and was replaced with a higher quality "4Khz" ceramic filter from
the long-defunct Radio Plus firm. The actual specs for the 4Khz filter
indicate that it is a slightly asymmetrical filter of 5.6Khz bandwidth,
causing a slight degredation of the "highs" (The original spec is
for a 6Khz bandwidth; the 9Mhz AM filter is a 6-pole device). Inclusion
of both replacement 455Khz filters results in a combined shape factor
of much better than 2:1 on AM or SSB. In addition, the RF amplifier
was enabled for AM broadcast band use, and an MOV was placed across
the AC input for protection against voltage transients. [Actually,
a Transorb would be far better in defending against narrow transients.]
For awhile, I replaced the diode AM detector with a Shottkey diode,
but my ears could detect no difference in distortion, and so the
original AM diode was returned to the circuitry. It's been serviced
once by ICOM for an intermittant problem ($150 ouch). There exists
several modifications to enable selection of the 455Khz SSB filter
whilst in AM mode for additional selectivity.

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YORX AM908 - 1

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Drake R8 - 1

****
Drake SPR-4 - 1

****
Icom R-71A - 2

Eskab & Edvis of Sweden used to offer a Phase-Locked AM (PLAM) detector for
the R-70 and later R-71; they also offer a version for the NRD525. I have
the R71 version. It is a synchronous detector which allows selection of USB
or LSB via the IF filter/BFO offset. The PLAM board phase-locks one of the
R71 local oscillators (I forget which one, probably the BFO) to the AM
carrier. It contains its own product detector. The lock range is not very
large, perhaps +/- 20 Hz. The detector seems to have lower distortion than

the ICOM AM detector.

Compared to ECSSB, aside from the advantages of phase-locking the product detector BFO, the PLAM unit also lowers the corner-frequency of ICOM's low-pass audio filter, giving better bass response than normal SSB mode on the R71. I find that this improves the intelligibility of the signal.

The PLAM board piggybacks in the mounting area for the ICOM FM option board; both can coexist. Installation is somewhat difficult, as it involves connecting over a dozen wires to various boards in the R71.

Eskab & Edvis also offered a 4 KHz 2nd IF crystal filter for the R71. This installs fairly easily in place of the narrow CW filter. It is very much better than the stock ICOM 6 kHz bandwidth, which is wide-open until it hits at cheap ceramic filter in the 3rd (455 kHz) IF.

I don't know if Eskab & Edvis still offer the R-71 PLAM and 4 kHz filter. They used to advertise in the WRTH.

Regarding other options: I believe Sherwood Engineering offers an outboard synchronous detector for the R71 as well as other receivers. The Kiwa MAP unit should also be adaptable to the R71.

Also, Dom Moman of Shortwave Horizons publishes a modification manual, which details mods like enabling the preamp on MW, true pass-band tuning, sub-10 Hz RIT, etc.

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Kenwood R-2000 - 1

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Kenwood R-5000 - 1

****
Kenwood TS-450-1

I know it's not a reciever, but since it has general coverage,I decided to put it in here.The TS-450S is an amateur transciever that costs little more than a R-5000,and if you have your ham ticket or are thinking about getting it,may be worth checking out if you are in the market for a new toy.I'd be willing to bet the replacement for the 5000 will look just like the 450,just like the 5000 looks like the 450's predacessor,the TS440S.First thing it is EXACTLY the same size as the 5000/440.Unlike the 5000/440,it has an LCD display that is unlike any other I've ever seen.It is almost too bright!The brightness cannot be adjusted,unfortunatly.The 450 recieves in all the standard modes except for fax.It has a"normal"keypad unlike the 5000 and the aggravating CW that is produce when a major button is pressed can be silenced by y -a simple menuss,you dont have to cut a wire like the 5000he S-Meter is a bar-graph type that I like but some people dont.It also has an Audio meter function that kin baffles me.I still dont know what use it is,but it looks nice!Probably the most notable thing you will observe when using the 450 is the QUIET!It is so quiet,it seems strange the first couple of times you use it.The AGC is non-defeatable and has a fast/slow toggle.It is the strangest

and slowest AGC I've ever seen,on slow the S-Meter just sits there and then SLOWLY goes down.On fast,it just isn't quite so slow.It seems to work ok,but is really odd.The stock filter for AM is a mile wide but you can add the YK88 AM filter but you wll lose the open slot for the 8.83 ssb filter.I'm not sure,but the 450 seems to have the same stock am filter the 5000 has.On SSB,it uses one of the better Murata ceramic filters and is ok but the optional SSB filters are highly recommended.The audio is FANTASTIC on all modes and if you put one of the minimus speakers from Radio Shack on it,you will like it a lot.Dont bother with the Kenwood speakers,the one that goes with the 450 is not too good and is expensive too!The ergonomics are pretty good,except for the tuning knob,yes like all the recent vintage Kenwood rigs,IT DOESN'T HAVE A FINGER HOLE!!Why does Kenwood insist on putting these awful knobs on all the rigs they have made lately!All in all,it is a very good riever in almost all respects,and since t it only costs about $100 more than a 5000,it is worth a lookND as a bonus, the recieve coverage goes up to 40 mhz!If you are into low band scanning,you will hear things on the 450 you never knew existed on your scanner.If you can swing the 450's sister model the TS690,you can recieve all the way to 60 mhz. When the 5000 is put out to pasture,if it's replacement is the 450 without the transmitter,it will be very tough competition for the other makes.All it needs is Sync.detection and you really couldn't ask for much more.

****
Japan Radio Company NRD-515

THE all time most user-friendly recieveof recent vintagHas PBT,analog fine tune,four I.F.bandwiths,AM,LSB,USB,and RTTY modes.There is no squelch but it really doesnt matter much.Of all the recievers I have owned,or ad over here to play with,it is the most sensitive in the SSB modeI have the standard 6 and 2.4 khz filters,and th600 and 300 hz filters whitch are great for RTTY or CW(if you are truly desparate!)The "protection"diodes have been removed due to intermod from a local AM station.The reciever's case,front and back panels are made of Aluminum,no plastic to crack on the 515!The audio in AM is very bad,almost as bad as the Icom R-71a,but in a different way.The audio is "fuzzy"out of the speaker jack,but not too bad out of the record jack but still a little "fuzzy".In the SSB modes,the audio is pretty clear and doesn't fatigue me like the Icom dos far as thergonomics goes,it's almost prefect!All the knobs are the right size,the tuning knob is large and has a nice deep finger hole(Kenwood,are you listening???).The S-meter is big and easily seen across the room.Dynamic range is very good after the diodes have been clipped(a one minute operation).The filters all are good quality and have good shape factors.This was the first "affordable"rig that had a memory option that was worth something with 24 or 96 channels available. The NDH-518 I have(96 ch.)is also made totally out of cast and sheet aluminum and matches the 515's styling.It stores frequency only,unfortunatly, due to the year it was designeIm guessing.There are lots of these recievers floating around on the used market for about $600 or so.Universal seems to have a lot of them passing thrgh the store.

****
Japan Radio Company NRD-525 - 1

This is a great reciever,marred only by bad audio and a hiss that will drive
you bonkers if you have good hearing and a speaker that can put out the highs.
I have had two of these,the first I traded for a sateite setup,and the one I
have now.The newer reciever has mucbetter audio then the first one and lesess
hiss too.Ergonomics are very good MUCH,MUCH better than the Drake
R-8.(IMHO,the Drake is seriously overrated and all the stuff about made in the
U.S.A.is kind of funny cause a LOT of the innards are MADE IN JAPAN!!!)Oh
well,back to the 525,if you are into AM,it's probably not the reciever for you,
but in allthe other modes,it is one of the best consumer grade recievers ever
made.Performance in all modes is basically excellent except fothe audio pr
problem,and stability is rock solid.JRC has only cut a few corners compared
to the 515,probably the ultimate in construction for consumer recievers.
The case is made of very thin sheet metal and the front panel is plastic.The
keys fit loose in the keypad but work ok.The display has four brightness
levels and is very easily read from across the room.The S-Meter is "digital"
and is a floating vertical bar segment that seems to be yellow on some samples,
and green on some others.It is sort of "spastic"and twitched a lot on the
first one I had,but not as much on the seconone.The first 525 I had would
"click" on strong AM signals,but the new one doesn't.The main tuning knob
spins very smoothly and has a nice finger hole.(KENWOOD,WHY DONT YOU LISTEN!!)
All in all, a great reciever.

****
Japan Radio Company NRD-535D - 2

I have been using a NRD-535 for two years and i am very pleased
with it. Although the relative high price makes this a radio
for the serious DXer and maybe not the average Shortwave listener.

The NRD-535 has very good ergonomics. It is very easy to operate
during long listening passes. It has 200 memory channels which comes
in handy for storing interesting frequencies that you want to
check later, or stations that you want to check regulary.

+ side:
On the plus side there is the BWC and the very good sensitivity.
The BWC combined with the PBT makes it possible to make
a station readable that is very close to another station, or
a interfering RTTY transmitter. I find that i mostly uses
the SSB mode and zero tunes the station, and then uses the
BWC and PBT to get the most readable signal. The BWC and
PBT has saved a lot of reports for me. The sensitivity
is excelent. It is among the best in this price class.

- side:
The audio in the built in speaker is mediocre to put it mildly.
A station that you read loud and clear in the earphones can be
inaudible in the built in speaker. The selectivity is not as
good as it could be. The NRD is very sensitive for splatter from
nearby stations, and this can totally drown the station that you
want to listen to. The ECSS option that you can equip your NRD with
is a joke. I have it installed but i NEVER uses it. The only time
you can use the ECSS with any improvement of the signal, is if the

received signal is strong to begin with. Don't waste your money on the ECSS.

The conclusion is that the NRD-535 is a very good receiver for the serious DXer but it has some shortcomings. The 535 is much better than the Icom R-70 that i had before, and i would recommend it to anyone that asked me. What you might want to do is change the filters to somewhat sharper filters. That goes for both the 9 MHz and the 455 kHz filters.

****
Yaesu FRG-100 - 1

****
Panasonic RFB-65L - 2

$220 from Universal, EEB, etc. -- my main set, an excellent portable, many features, nice construction and details.

****
Sony SW-55 - 2

This is my principal radio at the present time (I also have the Sony ICF-SW33 and the Sony 7601). This rig is an extremely sophisticated piece of equipment. I especially like the fact that you can store up to 125 frequencies on 25 electronic pages that can be named as you wish (by country). Once programed this is very convenient. The two filter selections are well chosen (much better than the stock Sony 2010 filters). My use the radio to copy WEFAX with excellent results attests to its stability (and that it receives USB and LSB).

The versatile timer/alarm and tape remote feature allow automatic recording with certain tape recorders (Sony and others) of up to five times and frequencies in a 24 hour period. I use this feature all of the time. Audio (stereo on FM) qualitity for a portable is very good; better I believe than the stock 2010 although as with the 2010, it is improved with a set of external speakers.

Unlike the 2010, the SW55 does not have synchronous detection. That's too bad because I believe that if it had this feature it would blow away
tition. As it stands it is an excellent radio. Most interference can be eliminated with the narrow filter or moving away from the interference a bit (the radio is tunable in steps of 0.1 kHz) so the lack of sd is not critical. I really believe that Sony did not include it because it would have then had a very negative impact on sales of the SW77.

Would I buy this radio again. You bet! The only problem I've had in the year an
owned it is that the lettering has worn off the 1, 5, 0 and EXE

keys on the keypad. That should not happen on a $300.00 radio!

I just got a SW-55 for Christmas and find it to be an outstanding radio. Now that I've said that, you should know that I am new to all of this "DX-ing" (is that how you say it?). However, I can tell you that it's reception with the built-in antenna and with the included auxiliary antenna is very good. I found that the radio comes pre-programmed with a number of stations (BBC, Radio Moscow, etc.) and they come in great.

As for your questions, I've found the speaker in the SW-55 to be very high quality, delivering plenty of volume and good sound. There are several "tone" switches (news vs. music setting, etc.) that enhance the reception and its sound. And, the unit is packaged well for travel.

The radio itself has several nice features (I don't know how they compare to other radios since I didn't comparison shop). There are several output jacks that make it easy to connect to external speakers, tape recorders, headphones, etc. There are local/long distance antenna settings. There are lots of ways to set and look at the time (local, UTC, Daylight savings, etc.) There are alarms and sleep settings (for on the road).

The tuning portion is quite nice. The radio of course offers digital tuning (punching numbers in to get to a freq.). But I find that I often use the "analog" tuning dial as well to either fine tune a station or to see what else is out there.

Best of all, the unit is packaged well. As a new user, I have enjoyed the little things Sony has done to make this experience a good one for the new user. Everything from the documentation to the carrying case has made it quick and easy for me to start listening to short wave. Included is a book that is a publishing of all the various countries broadcasting, with their freqs and times. (I gather that these things change quite a bit, but I presume that Sony updates it often)

****
Philips AE3905 - 1

In short, in my experience, the AE3905 is no real great shakes. It looks neat as hell, and marks its owner as a man of taste and distinction with more money than brains (like I said, *I* have one). Its shortwave performance is mediocre. Using this in a hotel last February, I found that attaching the included reel antenna caused the radio to overload fairly badly. The batteries don't last very long. The filters included are fair, but you still get a fair amount of interference from adjacent stations (not as bad as some small portables, but not good). I certainly wouldn't want to use this as my primary radio. For portability, it's fantastic. I can listen to the BBC or VoA anywhere. The radio fits in my shirt pocket, although reception in my pocket isn't all that good. In short, the radio isn't worth what Philips charges for it, but if you've got more money than you know what to do with and a desire to have a flashy looking toy, it'll do.

The radio has only recently been available in small quantities in the U.S., and appears to have been discontinued in Europe. I got a reconditioned copy for $179 from the Magnavox factory outlet in Kentucky. Universal lists the radio in their catalog for something like $250 new if I recall correctly. You're not likely to find it anywhere else.

****
WATKINS-JOHNSON HF-1000 HF RECEIVER

I will be doing a lot of comparisons to my other receiver, an NRD-525. To give a basis for comparison, the NRD-525 has been upgraded by the following modifications:

ESKA PLAM board with four added filters following the IF strip
Installation of ESKA Aux filter in the NRD Aux position
Installation of the JRC 1.8 KHz filter in the Narrow position
Replacement of RF chokes on the filter board with shielded units
ESKA agc modification

These modifications have improved the shape factor on the NRD's filters from an average of 2.0:1 to 1.7:1 (60:6 dB). The ultimate rejection has improved from about -60 dB to -75 dB. These modifications are noticeable in on the air listening tests. The NRD hiss has been removed.

About two months ago, I bought another receiver, a Watkins-Johnson HF-1000. I didn't really think this receiver would be much better than the NRD, and I intended to return it if this was the case. I was wrong. The Watkins-Johnson receiver is clearly superior to the NRD in on the air listening tests, almost in every case. In rare cases it is a tie. The comparisons are done using an A/B switch that switches both the RF and audio lines so that comparisons can be made quickly on the same signal. Comparisons were all done in ECSS mode with the receiver settings made as close as possible to each other.

I also did some bench testing of both receivers, and the numbers that the tests give are not all that much different for both receivers, with the exception of filter shape factor. The HF-1000 shape factors run about 1.1:1 (60:6 dB). This does not explain the main difference between the comparisons, however. The HF-1000 seems to be superior in pulling out weak signals. I have heard many signals that are muddled and hard to understand on the NRD-525 sound sharp and clear on the HF-1000. Several other points:

AGC: The digitally processed AGC on the HF-1000 is far superior to the analog AGC on the NRD, even with the ESKA kit installed.
Notch filter: Again, the digital IF notch filter is superior.
Audio: The NRD audio has always sounded low frequency and mushy; audio on the HF-1000 is crisp and clear. This is an important item.
Operating: I like the controls on the HF-1000. They are flexible, yet easy to use. The set is a pleasure to operate.
Synthesizer spikes: The NRD has a synthesizer spike every 100 KHz. While these are not all that strong, some of them fall on inconvenient

frequencies, like the propagation beacons on 14100 KHz. There are
a few spikes on the HF-1000 at even 2 MHz points.

The only shortcomings in the HF-1000 I've noticed are the lack of synchronous
detection (this is supposed to be sent out as an upgrade chip later), and
IF passband tuning would be useful in the SSB modes. It is present in CW.

As you have probably guessed, I'm real happy with this receiver. I think
it will be the last one I will have to buy for quite a while.

Watkins-Johnson HF-1000 Review Part 2

Watkins-Johnson SAM option for HF-1000

Recently I received the firmware for installing Synchronous AM
(SAM) detection in my HF-1000 receiver. I was able to install it in
about 1/2 hour and it worked great. In testing it I compared it to the
ESKA phase lock AM board installed in my NRD-525. Here are the results
for strong and weak signals:

Parameter	ESKA+NRD	HF-1000+SAM
Weak signal lock range	+- 20 Hz	+-250 Hz
Strong sig lock range	+- 40 Hz	+-900 Hz

As an on-the-air test I tried to lock onto Radio Pyongyang, 13760 KHz at
1300 UTC. The signal was weak and fading rapidly at 1300 UTC and was being
broadcast on 13760.1 KHz. The HF-1000 was able to lock it immediately even
when set to 13760.000. NRD was not able to lock it at all, even when set to
13760.1. Impressive!

Another modification in the new firmware is a change in the AGC function.
It is now possible to set three decay rates from the front panel for each
AGC setting, Fast, Medium and Slow. In addition it is possible to allow
the manual gain setting to control the AGC threshold while in AGC mode.
This is a great help for the AGC control. I spent many hours trying to
get the AGC decay rates correct on my NRD receiver, and was never happy
with that AGC. This required pulling out the IF board, replacing some of
the SMDs, putting it all back together, and then trying it. Digital AGC
processing on the HF-1000 makes this a snap, taking only a few seconds.

After several months of using this new mode of reception, it is the one
I nearly always use for SWLing and DXing. For weak AM signals it is hard
to beat. If the signal is readable at all, it will be able to lock on it.
By using both sidebands, you end up with a better signal to noise ratio
than with only one sideband. The HF-1000 is even more impressive now
with this addition. The only times that I have had to resort to ECSS on
AM signals is when there is interference on one sideband. Watkins-Johnson
reports that they will have single sideband SAM in the future which will
get around this. There are several other options that they are working on,
one of which is a plug in board for PC processing. I assume this will have
real time spectrum analysis and memory functions built in.

****
AR3000 - 1 (More Info is Available by e-mail from (jlloyd@cs.clemson.edu)

My general impression, is that this is anyhow a very good apparate. It offers continuous coverage 0.1 : 2036 Mhz, all mode, RS232 interfacing, quite good operating commands, triple conversion, 400 memories; it is very compact (small tabletop, 1.2 Kg.), semi-portable; its 13 auto-selected front-end band filters reduce to some extent unavoidable intermodulation. In general, this set offers a self contained and very well balanced compromise of a lot of different demanding features, but will show its best when fully interfaced.

Its price, here in Italy, has been varying greatly during the years. Therefore I cannot say how it really competes with the choice of HF receiver + scanner setup. It is still unclear to me how far is the AR3000 from dedicated traffic receivers.

I'm finding a number of defects and "whish it was" that I'm going to list (I would like to hear comments about), but perhaps I'm just pretending too much from a receiver in which something had to be traded off between versatility and performance. Please note that I have a 4 years old AR3000; some defects could have been amelio-rated in the 3000A, or may eventually be specific of my unit.

Hardware limits:

-AM selectivity is mediocre (approx 10 khz bandwidth). I feel the lack of a variable Am bandwidth. SWL in crowded bands is too often spoiled by the 5Khz whistle. Thinking it was a problem of i.f. detuning, I once sent it to the service to have it retuned, but with no perceivable gain.

-In AM I do experience blocking. A strong transmitter mutes any weaker adjacent signal lying some -+30 khz apart. I suspect this may be rather a problem of AGC voltage (see below on squelch), because the feedback signal is obtained from the previous to the last i.f. stage, which may have a larger than necessary (for AM) bandwidth.

-The squelch control (essential in search mode) is not very functional. On my set almost everything passes for knob positions below .3 and only >S6 passes when I increase to .5. It may be a problem of adjustment, but also reflect the inaccurate behaviour of the S-meter, which (I have no measurements to support) seems not properly logarithmic. I have the impression that weak signals give a high S readout when close to stronger ones, because the S-meter averages on a larger bandwidth than the demodulator.
Also, the squelch just mutes the a.f. output, but not the line out signal.

-The internal speaker fidelity is scarce. No tone controls exist. Clarity improves a lot when connected to an external speaker or lineout. No noise reduction circuitry is present. External audio equalization does a lot, but of course is not the cure for low selectivity.

-There is no i.f. direct output for say a spectrum analyzer or a different demodulator (say wide band AM for satellite or TV, stereo FM decoder, sinchro SB AM decoder). A modify could be to buffer it to a backpanel jack.

-Intermodulation IS present. I live very close to power MW transmitter, and in the times they're on the whole band .5 : 2.5 Mhz is unusable, with crosstalk on every possible combination of transmitter frequencies. At evening I sometimes hear sw bc stations crosstalks on 20 : 30 Mhz, even with a short random wire antenna. However, I don't hear crosstalk due to FM transmitters, which are also close to my place. The 13 front end filters seem to do their job, since strong signals don't cause crosstalk out of their respective preselector bands.

-I'm not very satisfied with the small and clicking rotary tuning control. In the AR3000a it has been replaced with a (I guess optically encoded) smooth one. I would rather appreciate a jog-shuttle like the one on VCRs, and the mod itself seems quite easy too.
The tuning is however digital, and stepping frequency causes clicks, which eventually trigger the squelch threshold during search. The final a.f. is briefly muted while stepping, but I prefer the line-out signal which is unaffected and thus has a faster response.

-There is a single antenna input for the entire range. I think this however is correct, because whichever choice on different antennas is entirely dependent on the user setup, and should be rather left to an externally programmed antenna switch.

-Some digital RFI is generated, expecially in the high HF and low VHF. A real antenna connected with a shielded cable and a good earth however wash it out.

-Some small change in sensivity and background noise can be perceived when passing across one of the 13 band boundaries (by the way, they are 0.1-0.5, 0.5-2.5, 2.5-10, 10-30, 30-50, 50-108, 108-136, 136-174, 174-224, 224-335, 335-500, 500-940, 940-2036 Mhz), but this is unavoidable, and also due to the change of the superetherodyne scheme.

Software limitations:

-Scanning is already very versatile for such a small machine. However, auto memory storage of catched frequencies was forgotten. Also, the oddities in the S-metering (see above) impose manual choice when scanning non regularly channellized bands.

-There is a priority channel lookup feature, but the attention threshold has to be the current squelch position. Apparently (see
//ftp.funet.fi/pub/dx/receivers/mods/aor300.mod) in
the 3000a a programmable lookup time was implemented, but it is not present on the 3000.

-The mode and the tuning step change are set with several keystrokes. I feel it quite tricky, expecially considering that I generally have to switch quickly between 50 Hz/SSB, 500Hz/Am, 1.25 Khz/nfm, 50 Khz/WFM. The step x10 command is

very useful, but not enough.

Since the S-meter signal is output on the RS232, and the unit may be fully remotely commanded, all this limits can be cleverly threspassed by an external control software, thought.

I have experienced problems with the 232 interface. The cpu goes crazy very easily when the connector is plugged in/out, unless the "remote" switch on pin 7 is previously operated. This is (I understand) the reason why it was added on the 3000a. When the cpu goes on the moon, one generally has to open the set and to push the reset button (backside of the keyboard), losing all the memories .
Also, I cannot interface the scanner with an Atari St, either because the TTL level Txdata is to low for that serial port or because the continuous output of the S-meter simply is too fast for the Atari bios.
Passing by, note that the RS232 speed can be set to 9600 baud with a switch on the cpu board.
:
--
John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

--
John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

6373. Time travel?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 13:41:50 UTC
From: julian@kesteven.win-uk.net
Message-ID: <199@kesteven.win-uk.net>
Source record: 264609

In article <3bphs8$rac@nntp.crl.com>,
Flying Turtle (vhealey@crl.com) writes:

>My time is actually worth quite a bit more then that.

[snip...]

>vhealey@crl.com is being shut down Dec 10,1984.
>Don't use anymore. ^^^^

Hmmmm... :-)

```
/================================================\ /================\
| Julian C. Grammer (julian@kesteven.win-uk.net) || (G1EKW) |
| Kesteven Communications, London W13, UK || (0) - (0) |
| +44 (0)181 723 6415 || | |
| The views expressed herein are my own. || \ V / |
| They are also those of the company. || \_____/ |
\================================================/ \================/
```

6374. Re: West Orange, NJ Police

Newsgroup: rec.radio.scanner
Date: 1994-12-05 14:57:29 UTC
From: wb2mpk@gti.gti.net
Message-ID: <3bv9op$fqd@gti.gti.net>
Source record: 264576

Ian Rosenblum (HFDJ33D@prodigy.com) wrote:
: West Orange, NJ PD/FD/EMS/PW are using the following 800 MHz trunked
: system: 867.075, 867.725, 868.325, 868.6625.

: Hope this helps.

It sure does. Thanks, you're a good man, Ira!

6375. Testing!

Newsgroup: rec.radio.scanner
Date: 1994-12-05 14:58:35 UTC
From: 00103003@cpccux0.cphk.hk
Message-ID: <3bv9qr$1hr@cpccux0.cphk.hk>
Source record: 264519

Sorry! This is a testing message.

--
Name: William C.K. Wong
E-mail: 93103003@CityU.edu.HK
00103003@cpccux0.CityU.edu.HK

6376. Re: West Orange, NJ Police

Newsgroup: rec.radio.scanner
Date: 1994-12-05 14:58:35 UTC
From: wb2mpk@gti.gti.net
Message-ID: <3bv9qr$fqj@gti.gti.net>
Source record: 264577

Ian Rosenblum (HFDJ33D@prodigy.com) wrote:
: West Orange, NJ PD/FD/EMS/PW are using the following 800 MHz trunked
: system: 867.075, 867.725, 868.325, 868.6625.

: Hope this helps.

Oops, I mean Ian :)

6377. Freq for Life Support, Health-Tech & Donahue Amb

Newsgroup: rec.radio.scanner
Date: 1994-12-05 15:29:13 UTC
From: men0@ns1.CC.Lehigh.EDU
Message-ID: <3bvbk9$2pfu@ns1.CC.Lehigh.EDU>
Source record: 264581

We have three for-profit EMS co's active in our area: Life Support (formally Valley Ambulance), Health-Tech and Donahue. Anyone aware of frequencies for these services? Many thanks.

Michael
Michael E. Nagel
Office of Development

6378. 2006 SIGNAL STRENGTH METER

Newsgroup: rec.radio.scanner
Date: 1994-12-05 15:37:07 UTC
From: uc630@ciao.trail.bc.ca
Message-ID: <D0CGpw.36B@ciao.trail.bc.ca>
Source record: 264589

I want to add a signal strength meter to my 2006. Anyone have schematics
etc to do this work?

6379. BC2500

Newsgroup: rec.radio.scanner
Date: 1994-12-05 15:38:17 UTC
From: jkpotts@gdwest.gd.com
Message-ID: <3bvc59$8ac@gdwest.gd.com>
Source record: 264578

Newsgroups: alt.radio.scanner
Expires:12/31/94
Sender: jpotts@den.mmc.com
Followup-To:
Distribution:
Organization:
Cc:jpotts@den.mmc.com
Subject: BC2500 cellular restore
Sender: J. Potts
Summary: Can late model BC2500 be restored
Keywords: BC2500 cellular restore
Does anyone know what the I.F. frequencys are for the BC2500?

Thanks,
Thanks
J. Potts
--
James K. Potts II
email: jpotts@den.mmc.com
303-977-8887

6380. j&r music world

Newsgroup: rec.radio.scanner
Date: 1994-12-05 15:42:04 UTC
From: jqtaylor@boi.hp.com
Message-ID: <D0CGy5.1vK@boi.hp.com>
Source record: 264580

Attention: J&R Music World Customer Service 1-800-221-8180
59-50 Queens-Midtown Expressway
Maspeth, New York 11378-9896

Dear J&R Music World,

In 1993, I wrote to J&R Music World when I was dissatisfied because I could not return a shaver (I ended up with a full refund from the manufacturer). I was very upset at J&R Music World's "non" return policy on some items, and opted to take all my future business elsewhere. Additionally, I felt compelled to post my bad experience on the world-wide Internet bulletin board, and did so. In my public letter, I was careful to point out that the reason I felt so compelled to waste so much of my time on this matter is that J&R Music World does offer a very good product line at very competitive prices, and that I regretted that I would be paying more just to avoid such negative experiences in the future.

I must confess that I have ordered several items from J&R Music World recently and I have been very pleased every time. While I no longer buy personal items (which cannot be returned once they are used), I do not hesitate to buy other items from them. Their phone operators are always knowledgeable and I have always received exactly what I ordered and have not had any negative experiences since the incident of the non-returnable shaver.

Most sincerely,

John P. "Quill" Taylor

Hewlett-Packard Company
Storage Systems Division Marketing Department
Senior Learning Products Developer

--

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MDT = GMT - 6) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 230 \ \ \ _\/

_\/
"When in doubt, do as doubters do." -jqt

haiti, rwanda, cuba, bosnia, ... we have a list,
where is our schindler?

6381. PRO-57

Newsgroup: rec.radio.scanner
Date: 1994-12-05 16:16:03 UTC
From: jphipps@aztec.inre.asu.edu
Message-ID: <3bvec3$ged@news.asu.edu>
Source record: 264582

Hi! I'm new to this thing, so pardon my mistakes. I recently picked up a PRO-57 at a carport sale. I would be very interested in any info pertaining to it, especially any mods that would enhance the present 10 channel capacity.

My email address is "jphipps@aztec.inre.asu.edu"

Thanks in advance for any help anyone can give me.

Regards, John

6382. Re: Secret Service

Newsgroup: rec.radio.scanner
Date: 1994-12-05 16:48:06 UTC
From: tharrell@nmsu.edu
Message-ID: <3bvg86$jih@dns1.NMSU.Edu>
Source record: 264583

David S Aidekman (aidekman@mail2.sas.upenn.edu) wrote:
: A friend of mine is interested in scanning and he was wondering if its
: possible to get Secret Service frequencies. If anyone has any info on
: this, please post here or e-mail me, thanks....

I've put together the following list from several different sources.
Have fun!

US Secret Service frequencies

(weasel@acca.nmsu.edu http://rever.nmsu.edu/~weasel)

Routine transmissions will probably be in the clear. If the President
is in town, expect transmissions to be DES encrypted (try the local
police departments and media in this event).

Chuck Gysi (scan911@aol.com) has suggested the following for CTCSS-
capable scanners, in order to eliminate receiving DES transmissions:
set the CTCSS tone to 103.5 Hz. This only opens the receiver for
'in-the-clear' transmissions.

32.230 Able WHCA Transportation
166.5125 Alpha Escort and security
165.7875 Baker Field offices (nationwide)/Pres/VP/VIP Escorts
165.3750 Charlie Field offices primary/command post (nationwide)
169.9250 Delta WHCA vans / phone patches / Marine Service Detachment
407.850 Echo Air Force 1/2 phone patch (uplink)
415.700 Foxtrot Air Force 1/2 phone patch (downlink)
166.4000 Golf Field offices (nationwide)(Charlie repeater input)
165.6875 Hotel WHCA VP staff / White House garage
166.2125 Hotel Presidential protection
167.900 Hotel WHCA VP staff / White House garage
166.200 India Headquarters / Presidential protection
407.925 India Headquarters / Presidential protection / Treasury
170.0000 Juliet Camp David paging
167.825 Kilo Presidential residence (LBJ) phone (duplex)
168.7875 Lima Presidential residence (LBJ) phone (duplex)
418.125 Lavender WHCA Transportation
165.2125 Mike Former President and dignitary protection
166.7000 November WHCA White House Staff
164.8875 Oscar Presidential protection (primary)
164.4000 Papa Field offices / White House perimeter patrols
166.7000 Quebec White House staff
166.4000 Romeo X-Ray repeater input
165.5125 Sierra WHCA White House Staff / pagers
164.6500 Tango Field offices / Pres/VP protection

165.0875 Uniform AF1 Communications
361.600 Uniform AF1 Communications
164.1000 Victor WHCA Pres/VP protection
167.0250 Whiskey Paging
166.4625 X-ray Treasury common
162.6875 Yankee Air Force 1/2 phone patch (uplink)
171.2875 Zulu Air Force 1/2 phone patch (downlink)

415.750 407.875 Green Training division
415.100 418.325 Black Training division
414.800 Blue Training/protective support divisions
415.875 Violet Training division
415.800 Gray Protective support division
415.675 419.075 Gold Communications division
415.675 Black Executive protection division
414.950 Orange Executive protection division
414.850 Tan Foreign Mission divisions
414.850 418.800 Brown Uniformed division
415.975 419.725 Red Foreign Mission/Uniformed divisions
415.650 419.100 Silver Foreign Mission/Uniformed divisions
418.350 407.750 Gray Uniformed division
418.775 414.950 Orange Uniformed division
414.675 418.150 Yellow Uniformed/Technical security divisions
419.725 Green Technical security division

Technical security division (special use)
408.000 F1 RF Alarm
411.000 F2 RF Alarm
408.500 F3 Tracker (F1)
408.975 F4 Tracker (F2)

406.2625 Wireless body microphones
407.825 Wireless body microphones
407.875 Wireless body microphones
407.975 Wireless body microphones

Presidential Nighthawk Aircraft Fleet (HMX)
46.750 Helicopter ops/transport (primary)
46.700 Helicopter ops (secondary)
46.800 Helicopter ops (alternate)
34.350 VIP transport net
375.000 Transport
142.750 Command post
265.800 Squadron common

407.850 408.450 Limousines (local-DC)(duplex)

AF1/2 Orderwire UHF (wideband FM)
(sidebands used for phone patches)
Uplink Downlink
382.350 326.000 F1
305.550 246.950

336.800 344.000
322.750 366.000
397.050 390.000

407.475 415.800 Nationwide-2 phone patch

Other observed US Secret Service frequencies
163.7375
165.225
407.800

--
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5KTO Beware of geeks bearing .gifs... |
| The Second Amendment is the '...and we're not kidding!' clause |

6383. Re: N. Wx Serv WWIN?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 17:46:11 UTC
From: jcarter@orl.mmc.com
Message-ID: <3bvjl3$r82@theopolis.orl.mmc.com>
Source record: 264585

/Reading thru todays Washington Post Business Section and found an interesting
/article.
/The National Weather Service has developed the Wireless Weather Information
/Network (WWIN). They transmit from Silver Spring, Md.. Signals "carry text,
/graphics and satellite photos to anyone who has a personal computer, a $60
/police scanner and a special $150 hardware and software kit."
/
/Sounds interesting, perhaps take the audio from the scanner and try to decode
/the data sent. Now to find the frequency.
/
/Any ideas?

Yes!

There's a new program called WeatherMan which will decode Weather fax
with a sound blaster board. There's an older version on "oak.oakland.edu"
in the ham radio/digital area. Or you can write the author Paul Hitchcock
at "paulhtc@netcom.com". I don't think a scanner will work unless you
can tune to a sideband and adjust the BFO.

Jim

\/\/ * \/ _._. __._ /\/\/ | James A. Carter (Jim) | jcarter@orl.mmc.com |
/|\ | Senior Software Engineer |_____________________|
/\|/\ K D 4 P O N | Martin Marietta | These views are my own |
/\/|\/\ ORLANDO | Mail Point 138 | and not that of my |
/\/\|/\/\ FLORIDA USA | 5600 Sand Lake Road | employer. |
/\/\/|\/\/_____________| Orlando, FL 32819-8907 |__________73's_Jim ____|

6384. Re: whiteman AFB

Newsgroup: rec.radio.scanner
Date: 1994-12-05 18:02:24 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <786650544snz@javiaton.demon.co.uk>
Source record: 264526

In article <3bth2v$s1a@kasey.umkc.edu>
jrainekc@cyclops.pei.edu "Jonathan Raines" writes:

> Does anyone know some aircraft fequencies that are in use on the Whiteman
> AFB, Missouri? Thanks for the help.
>

As I have my (quite dated) US DoD suppliment on my desk....

Despatch: 372.20
FSS Radar: 285.60, 352.00, 119.65
Tower: 255.60, 125.70
Ground: 275.80
Command Post: 311.00, 321.00
National Guard Ops: 41.00 FM (Forty One MHz)

As I say my Suppliment is a few years old now and things may have
changed.

--
Cheers,
/--\
Jonathan Clough,	
Javiation,	AOR - Alinco - Camnis - Commtel - Bearcat -
Bradford, UK	Fairmate - Icom - Sony - Lowe - Realistic -
Tel: +44 (0)1274 732146	Signal - Tandy - Uniden - Yupiteru & Others
Compu$$erve: 100117,535 \---
Internet : Clough@javiaton.demon.co.uk
\--/

6385. Re: Shielding pro2006

Newsgroup: rec.radio.scanner
Date: 1994-12-05 18:10:53 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <786651053snz@javiaton.demon.co.uk>
Source record: 264527

In article <D05p1z.E1B@cix.compulink.co.uk>
aal@cix.compulink.co.uk "Andrew Longdon" writes:

> Does Javiation sell screening spray? I know Maplin Electronics used to,
> mind you it was expensive :(
>

Sorry Nope.....we usually use Farnells or RS Components for
stuff like this but looking at the price they will be about the same
as Maplins, soreeee.

Farnells price for 400ml Electrolunbe RFI screening is 15.72 plus
VAT. If your in our area bob in - we can spray whatever you
have for you if you wanted.

--
Cheers,
/---\
Jonathan Clough,	
Javiation,	AOR - Alinco - Camnis - Commtel - Bearcat -
Bradford, UK	Fairmate - Icom - Sony - Lowe - Realistic -
Tel: +44 (0)1274 732146	Signal - Tandy - Uniden - Yupiteru & Others
Compu$$erve: 100117,535 \---
Internet : Clough@javiaton.demon.co.uk
\---/

6386. Re: Philly POLICE 911 call transcripts

Newsgroup: rec.radio.scanner
Date: 1994-12-05 20:03:22 UTC
From: levy@fndcd.fnal.gov
Message-ID: <1994Dec5.140322@fndcd.fnal.gov>
Source record: 264592

In article <3bqg3o$38b@newsbf01.news.aol.com>, scan911@aol.com (SCAN911) writes:
> Here's a transcript of the now-famous Philadelphia Police 911 calls in
> which dispatchers were cited as rude. The rudeness is at 10:44:23.
> Enjoy!

[snip]

Geez, glad I don't live around there...

==
[Fermi National Accelerator Laboratory]
==
[Mark E. Levy, N9RXF |]
[BitNet: LEVY@FNAL | Unix: The only computer virus]
[Internet: LEVY@FNAL.GOV | with a user interface.]
[HEPnet/SPAN: FNAL::LEVY (VMS!) | (such as it is...)]
==

6387. Re: Alinco 580, or alternative..

Newsgroup: rec.radio.scanner
Date: 1994-12-05 20:14:19 UTC
From: greg@core.rose.hp.com
Message-ID: <D0CtJv.Cu9@icon.rose.hp.com>
Source record: 264590
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Walter R Francis (WALLY@ukcc.uky.edu) wrote:
: I am looking for a ham radio to get me started into Amateur, and a friend
: has suggested the Alinco 580 several times due to its ability to receive
: a wide array of frequencies (even heard it can do 1khz to 1300 mhz?)
: and maybe even transmit there, but I don't see a reason for that..

Uh, that would be a neat thing to be able to do, but the Alinco DJ-580 isn't going to do it for you. Rx (with the Red wire mod) is about 110-174, 400-520, and 810-999. Each unit will vary a bit on the edges (whether the PLL will operate or not). There is an out-of-band Tx mod also (blue wire), but I strongly advise against it unless you really have a business being there.

If you are looking for a DC-Daylight receive, consider the ICOM R-1, or one of the high-end scanners. If you also want to transmit, ICOM used to make a two-antenna model (2SRA?) which had a real scanner and a real 2meter tranceiver bolted together.

Still, having said all that, the Alinco 580 is a good moderate-to-high end Ham tranceiver. I have one, and it works well for me.

Greg KD6KGW

6388. Re: FBI director says they may pursue outlawing non snoopable crypto!

Newsgroup: rec.radio.scanner
Date: 1994-12-05 20:21:53 UTC
From: jrc@indy.net
Message-ID: <D0CtwH.D0C@indy.net>
Source record: 264623
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,alt.2600,alt.privacy,comp.org.eff.talk

Simon Waddington (simon@snake.wrs.com) wrote:

: PLO genetic Mossad Kennedy ammunition Ft. Meade FSF security Honduras
: Noriega assassination jihad plutonium AK-47 Soviet

: cryptographic SEAL Team 6 Honduras domestic disruption Peking North
: Korea Clinton security NORAD BATF Croatian DES munitions class
: struggle quiche

: Legion of Doom arrangements FBI bomb Serbian jihad KGB SDI colonel
: security South Africa Clinton Croatian Noriega Rule Psix

How about 'Hanger 49' ? :-)

Don't forget de., fj., and all the other international groups. You would need
german, french, japanese, finnish, etc equivs of some of those words too.

I would put in rot13 versions for safe measure too.

--
Jeffrey Comstock
INET: jrc@brainiac.mn.org jrc01@maroon.tc.umn.edu jrc@indynet.indy.net
CW: -. .-. ----- -..

6389. Re: CHP plane frequency?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 20:23:23 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Dec5.122323.4932@cmkrnl>
Source record: 264607
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3bjfgi$o01@ccnet.ccnet.com>, rwilkins@ccnet.com (Bob Wilkins n6fri) writes:
> Jamie Hanrahan, Kernel Mode Systems (jeh@cmkrnl.com) wrote:
>
> : Yep. I think Mark is hearing CHP on 154.920 courtesy of a scanner with poor
> : selectivity (not uncommon). No way would the CHP be routinely using the
> : CLEMARS frequency.
>
> Check out a CHP portable at your local crumb cake shop. 154.920 is there.
> In the Golden Gate Division the officers know how to use this frequency
> for all kinds of activities with the local agencies. CHP helocopters are
> often found on vhf CLEMARS.

I stand by what I said: Neither CHP nor any other agency routinely uses
CLEMARS for intra-agency comms... which is what I thought was the original
topic of discussion (CHP aircraft to CHP ground).

That they *can* access CLEMARS easily, and that they *do* use it for
inter-agency comms, was not a point of contention. (I've heard CLEMARS used by
CHP, SDPD, SDSO, and other locals during many late-night chases... including
one that went all the way from the LA area to near the border; I was driving
south on that same stretch of I-5 at the time and being damned careful not to
come anywhere close to catching up to them, thank you very much!)

> Aircraft on the Blue or Ivory frequencies can be heard quite a distance
> working CHP cars on the ground. If you hear the cars, you know you are
> close.

Yep.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

6390. Re: Railroad End of Train Xmitter Data Wanted!

Newsgroup: rec.radio.scanner
Date: 1994-12-05 20:25:10 UTC
From: frankoke@aol.com
Message-ID: <3bvsv6$5kh@newsbf01.news.aol.com>
Source record: 264591

In article <D075pD.2CGE@austin.ibm.com>, mcinnis@austin.ibm.com (Mickey McInnis) writes:

I have picked these devices up at about 1/2 mile from a train with a portable in my vehicle. It seems to always let me know when a train is in the area.
FrankOke Frank Okrasinski

Of course I usually here the rumble before the data.

6391. Re: Whar are these frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 21:17:07 UTC
From: dtiller@rmc.edu
Message-ID: <3c000j$ogm@gnd0.rmc.edu>
Source record: 264594

Marty Focazio (martyf@panix.com) wrote:
: Al Martinez (drjose@maestro.maestro.com) wrote:

: : While reading my scanner manual (BC2500XLT) on the back of it they had
: : all the frequencies that are covered. They're are three groups of
: : frequencies that I can't get:

: : 1. 550 MHz - 759.995 MHz
: : 2. 824 MHz - 849.012 MHz
: : 3. 867 MHz - 894.012 MHz

: : My questions are: What are these frequencies and how could I be able to
: : get them?

: item # 1 is in the range of UHF TV. Not much to listen to.

Also most scanners stick at least one of their IFs in there - you gotta
put them somewhere!
--
David Tiller | Network Administrator | Voice: (804) 752-3710 |
dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| Fax: (804) 752-7231 |
Don't let your SKS get | P.O. Box 5005 | ICBM: 37d 42' 43.75" N |
"Tainted with Defilement!" | Ashland, Va 23005 | 77d 31' 32.19" W |

6392. Re: What's from 2000-3000 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 21:25:06 UTC
From: dtiller@rmc.edu
Message-ID: <3c00fi$ohn@gnd0.rmc.edu>
Source record: 264595

brian varine (varine@ece.orst.edu) wrote:

: On 30 Nov 1994, Hiran C. Fernando wrote:

: > Does anyone know what traffic there is between 2000-3000 MHz? Is this
: > what is called microwave? Almost all the frequency lists I've seen stop
: > around 2000 MHz.
: >

: Well, air traffic control radars, telemetry, long range military radars
: and things like that. I think PCS is pretty close to 2 GHz but I don't
: think it exceeds it. It is microwave, you oven is around 2.7 GHz. The
: "proper" term would be SHF (Super High Frequency). Military (Electronic
: Warfare) is E band. Standard is S band.

Microwave ovens are on 2.450 GHz. That's in the middle of an ISM band.
(Industrial, Scientific, Medical). There's a ham band up there, from
about 2304-2450.
--
David Tiller | Network Administrator | Voice: (804) 752-3710 |
dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| Fax: (804) 752-7231 |
Don't let your SKS get | P.O. Box 5005 | ICBM: 37d 42' 43.75" N |
"Tainted with Defilement!" | Ashland, Va 23005 | 77d 31' 32.19" W |

6393. Computer Interface Software?..

Newsgroup: rec.radio.scanner
Date: 1994-12-05 21:36:12 UTC
From: gt0737c@prism.gatech.edu
Message-ID: <3c014c$ka7@acmex.gatech.edu>
Source record: 264593

I own a PRO43 and am interested in any software that might be available for connecting the scanner to my computer...or for that matter any radio signal. Thanks for any suggestions.

Brian

--
BAXTER,BRIAN ANDREW
Georgia Institute of Technology, Atlanta Georgia, 30332
uucp: ...!{decvax,hplabs,ncar,purdue,rutgers}!gatech!prism!gt0737c
Internet: gt0737c@prism.gatech.edu

6394. AOR8000 and RT3800, TR4000?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 21:52:12 UTC
From: petrova@yvax.byu.edu
Message-ID: <1994Dec5.145212.10743@yvax.byu.edu>
Source record: 264600

I am looking for SW reception performances of AOR AR8000 as compared
with Sony ISF-PRO 80 or other Sony or Grundig receivers.
When I call ACE and ask about AOR AR8000 they suggested me try Trident
TR3800. Daes anyone have any opinion(s) or information on Trident TR3800 and
TR4000 scanners?
I woul like find some information on TR3800 and TR4000:
1. sensitivity,
2. selectivity,
3. IFs,
4. tuning increments,
5. VFO control (?),
6. who manufactured.

6395. Re: Un-Scannable

Newsgroup: rec.radio.scanner
Date: 1994-12-05 21:56:34 UTC
From: henniger@cisco.com
Message-ID: <henniger.786664594@cisco.com>
Source record: 264596

Does anyone have documentation on the protocols used on trunking?
Modulation types? Message formats? error correction? Data transmission
rate? How is access arbitrated?

Does it vary by manufacturer? If so, what changes? what is consistent?

Is there a box which can decode and follow trunked subgroups?

Mick
(ac6eu)

In <3blghf$6uk@eugene.convex.com> horak@convex.com (David Horak) writes:

>In <3bl50o$ju@newsbf01.news.aol.com> rotnapple@aol.com (RotnApple) writes:

>>These systems that transmit of several groups of frequencies are called
>>Trunked Radio.

>>Somewhere there must be a FAQ for scanning, check it for details. Can't
>>post the details now, but if someone doesn't in the next few days I will.

>The Police Call books from Rat Shack describe how to scan trunking stuff.

>David Horak horak@convex.com
>Plano, Texas (not your average plain-O town :-)

6396. 855 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 22:04:09 UTC
From: chris@ll.mit.edu
Message-ID: <1994Dec5.220409.25936@ll.mit.edu>
Source record: 264604

Can anyone tell me if there is an archive site for mods on the Uniden 855XLT?

Thanks in advance,
Chris

6397. PRO-2035 Anyone?

Newsgroup: rec.radio.scanner
Date: 1994-12-05 22:48:00 UTC
From: synchro@access4.digex.net
Message-ID: <3c05b0$qrv@news1.digex.net>
Source record: 264615

Subject: PRO-2035 Anyone?
Newsgroups: alt.radio.scanner
Organization: Express Access Online Communications, Greenbelt, MD USA
Summary:
Keywords:

Has anyone tried out the PRO-2035 - I think it replaced the legendary
2006 model ? Any mods for the 2035 to complete the 30-1000 range?

Thanks in advance,

Steve

6398. Monitor America, 3RD edition

Newsgroup: rec.radio.scanner
Date: 1994-12-05 22:57:21 UTC
From: permisch@mcimail.com
Message-ID: <3c05sh$789@hermes.dna.mci.com>
Source record: 264598

Just got a 1995 Scanner Master catalog and they will be offering a new, improved 3rd edition of Monitor America. Looks like they'll now be including Amateur Radio repeater and AM/FM broadcast frequencies and PL tones (where possible). $29.95

They're also planning to offer state-only versions for $5.95 or $7.95 (latter are the big states).

I called and it won't be out until Feb/Mar 1995 but they are taking orders now. (Of course, they will not bill until it ships.) I do not work for or have a financial interest in Scanner Master - just a satisified customer and user of Monitor America.

From the catalog in may hands...

Scanner Master
P.O. Box 428
Newton Highlands, MA 02161

Information: 508.655.6300
Orders : 800.722.6701
FAX : 508.655.2350
EMail : ScanMaster@aol.com

6399. Mods for BC890, PRO-2036???

Newsgroup: rec.radio.scanner
Date: 1994-12-05 23:00:22 UTC
From: tnorris@ulibnet.mtsu.edu
Message-ID: <3c0626$9sn@isdnlin.mtsu.edu>
Source record: 264597
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I have asked this question several times in the past couple of months,
but have not gotten ANY response.

Are there any mods for the Uniden BC890 or Radio Shack
PRO-2036 scanners? Ther have been several refences to
these scanners being modifiable, but no details on the actual
modification.

A company called "Cellular Security Group" advertises in Popular
Communications and lists both scanners as being "restorable".
They want $40 to do it....

Any ideas, guys?

(of course this is for use around the commo shop as a test receiver,
not to actually listen to phone conversations, etc......)

Email any help you may have.

Thanks!

Tom
tnorris@ulibnet.mtsu.edu
badger@telalink.net

6400. Damark: BC350A or 560xlt

Newsgroup: rec.radio.scanner
Date: 1994-12-05 23:30:31 UTC
From: aentenma@tuba.aix.calpoly.edu
Message-ID: <1994Dec05.233031.171151@zeus.aix.calpoly.edu>
Source record: 264606

Can anyone tell me if any of these two scanners is worth getting from
Damark? Anyone had any problems or complaints about the 350A?

--
****
Alex Entenman
aentenma@oboe.aix.calpoly.edu

Quote of the week:
"I believe we are on an irreversible trend toward more freedom and
democracy - but that could change."
-- Vice President Dan Quayle

6401. Attach Scanner Out to Phone Line

Newsgroup: rec.radio.scanner
Date: 1994-12-05 23:49:02 UTC
From: starin@netcom.com
Message-ID: <starinD0D3Hr.ALr@netcom.com>
Source record: 264601

Get Bill Cheek's Scanner Modification Handbook, which has all sorts of useful stuff, including that modification you seek. Get Volume No. 2, which is the most current. He can be contacted at:

Commtronics Engineering
PO Box 262478
San Diego, CA. 92196-2478

Or call his BBS at 619.578.9247.

By the way, to all those people who are asking how to connect a computer to a scanner, his CE-232 interface unit is the way to go. It has awesome capabilities.

Hope that helps.
--
Jeffrey
{New York}

6402. Flagler County Fla

Newsgroup: rec.radio.scanner
Date: 1994-12-05 23:53:33 UTC
From: "Scott Souva"
Message-ID: <3c0978$1u1@xmission.xmission.com>
Source record: 264599

My folks just moved [retired] to Flagler County, Florida. Does anyone have any frequencies for
this area. The notable cities nearby are St Augustine and Daytona Beach. Any help would be much
appreciated. They have a 2006 with a lot of empty channels.

Thank you.

--
/ Scott D. Souva / Layton, Utah USA
/ KA2AEW / Southwest Research Institute
/ SSouva@XMission.Com / Research Analyst

6403. Re: Philly POLICE 911 call transcripts

Newsgroup: rec.radio.scanner
Date: 1994-12-05 23:54:29 UTC
From: dbushong@wang.com
Message-ID: <D0D3qu.C0L@wang.com>
Source record: 264611

scan911@aol.com (SCAN911) writes:

>Here's a transcript of the now-famous Philadelphia Police 911 calls in
>which dispatchers were cited as rude. The rudeness is at 10:44:23.
>Enjoy!

[...]

Oh, great. Now these people who deal with life and death have to be politically correct, too.

Look, jerk (not you, the guy who posted, but 'you' as in 'people who get upset that 911 operators aren't so polite'): Someone calls, says someone is getting beat up. 911 op calls the cops. Job done.

No one expects her to be sympathetic, understanding, kind, or anything other than accurate. If you want to gripe about someone, then you should go after the guys with the baseball bats who were causing the problems in the first place.
--
Dave Bushong
Wang Labs

6404. RE:Secret Service

Newsgroup: rec.radio.scanner
Date: 1994-12-06 00:09:04 UTC
From: James.Colburn@pressroom.com
Message-ID: <57.47823613.The.PressRoom@pressroom.com>
Source record: 264620

In article of 6:10 AM 12/5/94, aidekman@mail2.sas.upenn.edu writes:

>A friend of mine is interested in scanning and he was wondering if its
>possible to get Secret Service frequencies.

If we told you we'd have to shoot you....

6405. Re: j&r music world

Newsgroup: rec.radio.scanner
Date: 1994-12-06 00:15:47 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <pa722QT.donhayes@delphi.com>
Source record: 264602

Yes...I also have found J&R to be extremely helpful and their prices are very compettitve. I purchased a laser printer for my Mac and saved about $250 or so and was very pleased with the product and their service!!!

6406. RS PRO-35 Modifications

Newsgroup: rec.radio.scanner
Date: 1994-12-06 00:25:55 UTC
From: gyoung@trendell.win-uk.net
Message-ID: <1@trendell.win-uk.net>
Source record: 264603

Does anyone know if it is possible to modify the RS PRO-35 to
receive cellular frequencies?

Cheers,
Geoff

6407. Re: Philly POLICE 911 call transcripts

Newsgroup: rec.radio.scanner
Date: 1994-12-06 00:29:19 UTC
From: patmorgm@interport.net
Message-ID: <patmorgm.4.0043B6D8@interport.net>
Source record: 264619

>Oh, great. Now these people who deal with life and death have to be
>politically correct, too.

>Look, jerk (not you, the guy who posted, but 'you' as in 'people who
>get upset that 911 operators aren't so polite'): Someone calls, says
>someone is getting beat up. 911 op calls the cops. Job done.

>

This message is not to flame you, it is just a message replied to and what needs to be said. I agree with you in your message. I just needed a reference point for my message

I spent 9 years of my life working as a 911 operator / dispatcher for New York City Police Dept.

I loved what I did, I enjoyed the people I worked with. The job also nearly killed me. It killed numerous employees.

No one knows what a dispatcher/operator goes through. No one knows unless you are there listening to all of the calls.

Callers who refuse to give you information like the apartment number in a 20 story building. Or a description of the man with the concealed gun. They just say the police will know when they get there. The lying public who wants the car there faster because a person is urinating on the building so a police officer shot is called in. Parents who are screaming at children call the police to take away their child because their child refuses to go to bed on time. People who stub their toe and want a police car rather than asking a friend to take them to the hospital or a taxi. They call over and over again to take them to the emergency room and a child choking call has to wait because ambulances are not available.

These are some of the calls we go through. In addition to the calls where you try to talk a teenager into giving an address because the teenager has failed math and wants to commit suicide. Or talking to the person who has just reached the phone during their heart attack and a trace has to be activated. Enhanced 911 is not available in NYC as of yet. So the operator will stay on the phone during the entire call trace. It can take as long as 4 hours. And the operator cannot take a break because they might lose the caller. Yeah it is part of the job, but people do want to go to the bathrooms.

Imagine talking to people who are being held hostage and you get the caller who manages to get to the telephone. Or talking to the person who is in the room where the fire is burning uncontrollably. Or talking to someone who is being shot at in the street. Ever talk to someone and their head is blown off and all you hear after the gunshots is "dangle, dangle".

Well this is what some of us go through.

You are right, go after the perps, not the people who answer the calls. Not everyone is rude on the phone. 911 personnel go through hell. And listen to it daily. I have spoken to kids who were raped. One 12 year female who was raped who gave me a description of her rapist then screamed into the phone "HELP ME" caused me to go bonkers for a long time. Nightmares and then when the cats were yowling in the yard, it sounded like her and it haunted me for months. That was when I decided to quit. I was burnt out and could not do my job.

911 operators in municipalities are some of more stressed people around. A high burnout rate and a high drinking rate. Yet who cares enough to say to 911 operators who give up Christmas and Thanksgiving and their kids birthdays and anniversaries, thanks for being there.

How many who will be reading this message will be saying thanks for being there.

6408. Belt Clip on 43

Newsgroup: rec.radio.scanner
Date: 1994-12-06 00:35:24 UTC
From: hoffj@mhd1.moorhead.msus.edu
Message-ID: <1994Dec5.193524.3257@msus1.msus.edu>
Source record: 264622

For a great scanner, it has a wussie belt clip. Maybe I shouldn't be skydiving with it...

Anyway, I am assuming that maybe a person or two has had this happen to them before, and being I hate dealing with Radio Shack, are there any alternitives? What solutions have been used?

BTW, I've glued it twice...no go.

Thanks for the help!

Jerad


```
+--------------------------------------=---------------------------------+
|Citizens Band - Fubar MOORHEAD STATE UNIVERSITY Jerad Hoff |
|Amateur Radio - KB0PCH Moorhead, Minnesota |
|Scanner - NUIQ0 ( ( | ) ) |
|Telephone - (218) 236-3406 /-\ |
|Internet Email- hoffj@mhd1.moorhead.msus.edu /---\ |
|Packet Address- Coming Soon /-----\ |
|Snail Mail - 750 Nelson Hall, MSU; Moorhead, MN 56563 "Clapton is God"|
+--------------------------------------=---------------------------------+
```

6409. Motorola Mods

Newsgroup: rec.radio.scanner
Date: 1994-12-06 02:24:22 UTC
From: jhoaglun@gate.net
Message-ID: <3c0i0m$232o@tequesta.gate.net>
Source record: 264610

Does anyone have the mods for the Motorola C-7 radio/scanner ?

I have a radio and would like to be able to here more of the channels
that it can recieve but has locked out.

JH

6410. My Christmas list

Newsgroup: rec.radio.scanner
Date: 1994-12-06 03:37:14 UTC
From: bseburn@vaxxine.com
Message-ID: <D0DE22.AF6@vaxxine.com>
Source record: 264624

Dear Santa,

My name is Christopher Seburn, I am 3 1/2 years old. I have a brand new little brother named Bradley that is only 3 weeks old, and I love him very much!

I have been a very good boy this year, and from now until Christmas I'm going to be EXTRA good, just in case.

Some of the things I'm hoping to get for Christmas are:

- An orange big boys bike (two wheels)
- "Gator Golf" golf game
- Some Lego building blocks

Those are what I'd really like. I'd also like to know if you could bring my little brother a few baby toys, he's to small to play with most of mine, and I'd like him to have some of his own to be able to play with.

Say hi to Mrs. Claus, and all the Reindeer for me too please.

Thank You VERY VERY much, and have a safe trip delivering all the toys!

Love Christopher & Bradley Seburn

X O X O X O X O

___ Mountain Reader II - #00000039

6411. Pro-51 Mods? let's squelch the static

Newsgroup: rec.radio.scanner
Date: 1994-12-06 03:45:13 UTC
From: markcohen@aol.com
Message-ID: <3c0mo9$b94@newsbf01.news.aol.com>
Source record: 264612

Anyone out there tell me the truth on late model pro-51's? it's a good little scanner and RS sells it for $208. I'm looking for an electronic mod before I buy one. Any help would be most greatly app.

6412. WTB: Pro-51 w/mod

Newsgroup: rec.radio.scanner
Date: 1994-12-06 03:50:12 UTC
From: markcohen@aol.com
Message-ID: <3c0n1k$bb9@newsbf01.news.aol.com>
Source record: 264613

Need a good used pro-51 that's been 800MHz modified.

6413. Re: Oregon State Freq.

Newsgroup: rec.radio.scanner
Date: 1994-12-06 04:03:11 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.941205195722.9655D-100000@holmes.ece.orst.edu>
Source record: 264614

Okay heres what I use for the OSP.

155.475
159.210
154.650
.68
.695
.785
.860
.890
.905
.935
155.910
156.030
156.06
156.225
158.790
158.910
159.030
159.045
155.105
159.150
154.665
154.770
154.815
154.845
154.920
155.310
155.445
155.460
155.745
155.505
155.520
155.580
Thats all of the ones I listen to. I suggest getting a police call since Oregon is a really big state. I noticed you're in the Navy, what do you do? I just got out, I did EW and really like EW stuff. Too bad the rest of the Navy wasn't so nice.

6414. Re: Kansas City unked

Newsgroup: rec.radio.scanner
Date: 1994-12-06 04:14:43 UTC
From: cmassey@onramp.net
Message-ID: <cmassey-0512942314430001@dal07.onramp.net>
Source record: 264618

In article <3bquep$uvi@kasey.umkc.edu>, jrainekc@cyclops.pei.edu (Jonathan Raines) wrote:

> Does anyone know when the Kansas City, Missouri PD will switch to 800Mhz?
> They've had their licenses for 23 repeater frequencies for over a year
> now and I can't wait for their switch because they are still using a VHF
> simplex system that I'm getting a little tired of.

I was in K.C. in early fall and had a long talk with the capt. in charge of communications while my co-workers were interviewing the chief...she said it would be well into 1995 before the switch is made...they apparently requested the freqs. but because of $$ can't make the switch for a while...hey you could be in New Orleans where they don't even use repeaters.

6415. Mods wanted - Pro 2003 ?

Newsgroup: rec.radio.scanner
Date: 1994-12-06 04:44:32 UTC
From: kfisher@freenet.edmonton.ab.ca
Message-ID: <3c0q7g$6gv@news.sas.ab.ca>
Source record: 264616

I am interested in mods for a Realistic Pro 2003 scanner,
I have been unable to find any ? In particular the disabling of the beep
and speed increases are of the most interest . Any assistance would be
appreciated . Thanks. kfisher@freenet.edmonton.ab.ca.

6416. Need opinion on Bearcat 8500XLT-K Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-06 06:10:00 UTC
From: jlim@Auspex.COM
Message-ID: <26970@auspex-gw.auspex.com>
Source record: 264621
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I just say an ad for the Bearcat 8500XLT-K Radio Scanner from Communication Electronics for $368.95. Does anyone have any experience with this scanner or Communication Electronics??

I understand this scanner although skips the 800 band but it can pick it up at 400Khz above the actual. Any thoughts is apreciated.

Jeff

****

Usual employer disclaimer applies here.

jlim@auspex.com "Still shaking it in California"
****

6417. Re: Those rechargeable akalines aa size (any good?)

Newsgroup: rec.radio.scanner
Date: 1994-12-06 06:47:40 UTC
From: jeff.wright@chrysalis.org
Message-ID: <9412060647.09JMN00@chrysalis.org>
Source record: 264529

You might want to pick up a copy of the most recent consumer reports magazine...they just rated batteries. If I remember right, they said the batteries rechargeable alkalines were okay for certain applications, and poor for others.

Check out the article.

Jeff

6418. pager scanning

Newsgroup: rec.radio.scanner
Date: 1994-12-06 08:34:32 UTC
From: Pat_Barron@transarc.com
Message-ID: <Ait28MuSMV1bEiGUti@transarc.com>
Source record: 264525

Does anyone have data on the protocols used by numeric and/or alphanumeric pagers (Motorola type), perhaps even software that can be used to decode the data? I was thinking that one could hook the audio output of the scanner into the A/D converter of a SoundBlaster card to decode the stuff.....

--Pat.

6419. Re: aor8000 sources?

Newsgroup: rec.radio.scanner
Date: 1994-12-06 11:57:23 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.42.000BF53A@ccm.hf.intel.com>
Source record: 264544

In article <3bttm3$i4g@nntp.crl.com> Flying Turtle <vhealey@crl.com> writes:
>The cost came to 450LB with the extra stuff I ordered.
>Looking in Sat's business news it said the exchange was 1LB = 1.56 US.
>That comes to $744.12 delievered after you add the 6% US import tarrif.
>When Gatt goes into effect it may be even cheaper. :>)

Seeing how they cost about $600 for US version, does that mean you paid $144
extra for cellular coverage?

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

6420. Re: Belt Clip on 43

Newsgroup: rec.radio.scanner
Date: 1994-12-06 12:32:03 UTC
From: "Insert username here"
Message-ID: <Insert-0612941232030001@kjohnston-mac.qualcomm.com>
Source record: 264536

Jerad; Same thing happened to my 43,, Radio Shack sells a great stainless steel belt clip with super adhesive and super velco, If your going to skydive I'd bend a lip at its very end, but otherwise mine works great.

Keith Johnston
Qualcomm Inc.
San Diego, CA
kjohns@qualcomm.com

> For a great scanner, it has a wussie belt clip. Maybe I shouldn't be
> skydiving with it...
>
> Anyway, I am assuming that maybe a person or two has had this happen to
> them before, and being I hate dealing with Radio Shack, are there any
> alternitives? What solutions have been used?
>
> BTW, I've glued it twice...no go.
>
> Thanks for the help!
>
> Jerad
>
>

6421. Re: Pro-43 Mods Anyone ??

Newsgroup: rec.radio.scanner
Date: 1994-12-06 12:40:08 UTC
From: "Insert username here"
Message-ID: <Insert-0612941240080001@kjohnston-mac.qualcomm.com>
Source record: 264537

Nick; send e-mail to "ftpmail@exchange.tlh.fl.us" and in body say

"Get pro43.mod"

a mod article will be mailed to you automatically.

Keith Johnston
San Diego, CA
kjohns@qualcomm.com

In article <D0At9n.4H2@cs.dal.ca>, ac871@cfn.cs.dal.ca (Nick J Keip) wrote:

> I have seen numerous mentions of mods to the Pro-43 to engage the Cell
> band, to stretch the lower range from 30-50 to 30-88. Does anyone
> off-hand recall what specifically is required to do these mods ??
>
> Thanx in advance ...
>
>
>
> --

6422. Re: My Christmas list

Newsgroup: rec.radio.scanner
Date: 1994-12-06 13:11:05 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <3c1nt9$jp5@umcc.umcc.umich.edu>
Source record: 264528

Christopher,

All you're going to get from Ol' Saint Nick this year is a lump
of coal, AND a gift certificate to visit an optometrist.

You are a BAD BOY for posting totally irrelevent stuff to the
scanner newsgroup!

Go sit on a hoe Hoe HOE...

Santa

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve: 72571,1005 GEnie: T.Tyler5 AOL: Hooligan
Ypsilanti MI
48197 You never get a first-chance to make a second impression.

6423. Re: Those rechargeable akalines aa size (any good?)

Newsgroup: rec.radio.scanner
Date: 1994-12-06 13:33:15 UTC
From: hanebuth@eden.rutgers.edu
Message-ID: <3c1p6r$7pm@er2.rutgers.edu>
Source record: 264530

jeff.wright@chrysalis.org writes:

I keep two sets on hand for my scanner. One set in the radio, and one in the charger.

Just my Two Sets worth. B*)
-Stu
--
* Stuart Hanebuth * Minister of the Obsolete *
* hanebuth@eden.rutgers.edu * Dogberts New Ruling Class *
* (908) 932-8319 Rutgers University * My XT is faster than my 386-40 *
* (908) 745-7685 TeleType (For Real) * running windows, and my XT was FREE! *

6424. Re: Belt Clip on 43

Newsgroup: rec.radio.scanner
Date: 1994-12-06 14:02:39 UTC
From: schuster@panix.com
Message-ID: <3c1qtv$p5u@panix3.panix.com>
Source record: 264531

In article <1994Dec5.193524.3257@msus1.msus.edu>,
Jerad Hoff <hoffj@mhd1.moorhead.msus.edu> wrote:
>
>For a great scanner, it has a wussie belt clip. Maybe I shouldn't be
>skydiving with it...
>
>Anyway, I am assuming that maybe a person or two has had this happen to
>them before, and being I hate dealing with Radio Shack, are there any
>alternitives? What solutions have been used?
>
>BTW, I've glued it twice...no go.

Find a dealer that sells the AOR/Trident/Camnis/Fairmate radios. Order an extra belt clip from their parts department. It's a long metal clip that has properly spaced holes for the PRO-43. My original belt clip is in the drawer, and I didn't even wait for it to break.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6425. Re: CTCSS?

Newsgroup: rec.radio.scanner
Date: 1994-12-06 15:37:17 UTC
From: peter@Thoth.st.3Com.com
Message-ID: <3330@bridge2.NSD.3Com.COM>
Source record: 264532

In article ib7@newsbf01.news.aol.com, andycl168@aol.com (AndyCl168) writes:
>In article <3bllcm$rm8@hsc.usc.edu>, bwkwong@hsc.usc.edu (Brian W. Kwong)
>writes:
>
>>Hello...just a couple of questions.
>>
>>What is CTCSS? If I'm able to decode these tones, what then? Who uses
>>CTCSS?
>>
>>Thanks alot people...
>
>CTCSS is a subaudible tone transmitted along with the voice traffic. It
>stands for Continous Tone Carrier Squelch System. In places where many

small point: It's Continuous Tone Coded Subaudible Squelch.

73,
Peter

Peter Simpson, KA1AXY Linux! Peter_Simpson@3com.com
3Com Corporation The free Unix (508) 836-1719 voice
Northborough, MA 01532 for the 386 (508) 393-6934 fax

I speak only for myself...not 3Com...nor Canter & Siegel.

6426. Re: 2006 help

Newsgroup: rec.radio.scanner
Date: 1994-12-06 15:53:37 UTC
From: mzimmer@gate.net
Message-ID: <3c21e1$k4j@tequesta.gate.net>
Source record: 264533

Gary M. Glickman (glickman@panix.com) wrote:
: Is there some way to enter a frequency directly into a RS 2006 without
: first assigning a channel number? I can't seem to get it!
: --

Not to my knowledge, but I usually use channel 1 as a 'scratchpad
channel' so I don't have to find an empty one. I lock it out when I'm not
using it.

\ |__ /_ _| \ | \ | ____| _ \ | Mark Zimmerman, N5NBD
|\/ | / | |\/ | |\/ | __| | | | email: mzimmer@gate.net
| | / | | | | | | __ < | amateur ax.25: n5nbd@n5lyt
_| _|____|___|_|@gate.net|_____|_| _\ http://www.gate.net/~mzimmer

6427. Miami/area Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-12-06 15:56:14 UTC
From: jmichael@uoguelph.ca
Message-ID: <3c21iu$s4n@nermal.cs.uoguelph.ca>
Source record: 264534

I'm looking for a fairly complete list of frequencies for Miami & area.
I someone could e-mail them to me or diorect me to an fcc database on
gopher/lynx/ftp (if sych a beast exists!) it would be much appreciated.

I know about police call but it is not sold in any of the radio stores
that I frequent in Canada.

Thanks in advance.

Jesse

--
==
Jesse Michaels at = Canada....The TRUE North Strong and Free!
The University of Guelph, = "Neither Capitalism nor Socialism can
Guelph, Ontario, Canada = pretend to be an ideology. They are merely
jmichael@uoguelph.ca = methods for dividing ownership and income."
= John Ralston Saul in "Voltaire's Bastards"
Politcal Studies Major = Am Yisrael Chai!
And Proud Of It! =
==

6428. Re: Need opinion on Bearcat 8500XLT-K Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-06 16:12:55 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.177.001C0325@mail.mei.com>
Source record: 264539
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <26970@auspex-gw.auspex.com> jlim@Auspex.COM (Jeff Lim) writes:

> I just say an ad for the Bearcat 8500XLT-K Radio Scanner from
> Communication Electronics for $368.95. Does anyone have any
> experience with this scanner or Communication Electronics??

> I understand this scanner although skips the 800 band but it
> can pick it up at 400Khz above the actual. Any thoughts is
> apreciated.

The 8500. Is that the handheld portable?? If so, read on...

Recently, about 25 radio amateurs in our area, including me, met for our usual Tuesday evening coffee clutch at a local restaurant. As usual, everyone brought their latest handheld transceivers and other toys. It's all quite amusing to the non-hams. Twenty or so people noisily conversing while they all have their HTs blaring. Quite a little nerd society. ;-)) We practically own the restaurant, so what can they do?

One guy had the latest Uniden Scanner (the best one they make, the 8500, right?). Anyway, many of the amateur handy-talkies also receive well out of band. About 5 different HTs, including the Uniden 8500, were set to the Milwaukee Fire Dept dispatch freq of 154.385 Mhz. While all the amateur tranceivers (including some radio shack scanners) were nice and quiet when the dispatcher was not transmitting, the 8500 would frequently chatter with noisy and annoying intermod from a near-by paging transmitter.

The person who purchased the 8500 was rather annoyed with it's suseptibility to intermodulation distortion which, in his opinion, made it virtually useless. This was all with the stock rubber duck antenna inside a building.

P A R A D I S E * *
TAR & ASPHALT * * * *
* *)
__ *) (
|| _____ || kevin.jessup@mail.mei.com (
\||/ ++) [ ]
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|| _ |******|______|*n9sqb|))
_\/ _-- ___ ****__________****_____
"Paving paradise and putting up parking lots."

6429. Re: Ground plane antenna

Newsgroup: rec.radio.scanner
Date: 1994-12-06 17:04:12 UTC
From: daled@xetron.com
Message-ID: <daled-0612941204120001@tc_mac1.xetron.com>
Source record: 264548
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <ncschult.786435214@vela.acs.oakland.edu>,
ncschult@vela.acs.oakland.edu (N C Schultheiss) wrote:

> How does a ground plane work?
>
> What are the benefits vs other antennae (discone ect.)?
>
> What freqs. do they work best on ?
>
I assume that you are probably referring to a 1/4 wave vertical antenna supported over a conducting ground plane surface. This antenna has a radiation pattern just like a 1/2 wave dipole. The ground plane creates an image antenna, the other half of the 1/2 wave dipole. The impedance of the ground plane antenna is 1/2 that of the regular dipole, which would be about 35 ohms with some inductive reactance.

Its benefit is that you can get performance like a dipole, but you only have to put up with half of the physical height. Also, if you have a metal structure that would interfere with the vertical dipole, you can use it to your advantage as a ground plane (like the roof of a car).

Sometimes, instead of a 1/4 wave element, a 5/8 wave element is used, which theoretically concentrates the radiation pattern on the horizon for maximum range.

These antennas are typically used at VHF and UHF, because at lower frequencies, the required ground plane gets rather large.

Hope that helps, Dale

6430. Re: Attach Scanner Out to Phone Line

Newsgroup: rec.radio.scanner
Date: 1994-12-06 18:06:35 UTC
From: kmorrill@brahms.udel.edu
Message-ID: <3c297b$t80@brahms.udel.edu>
Source record: 264637

In article <BW8Xm8U.gregmason@delphi.com>,
Gregory yea... you can call me Greg <gregmason@delphi.com> wrote:
>Jeffrey Starin <starin@netcom.com> writes:
>
>>Anyone know how I should go about hooking up my scanner's audio out to a
>>phone line so the audio can be piped into it so a friend listening on the
>>other end can hear the scanner activity? I figure you take the jack out
>
>Go get yourself a telephone-tape recorder adapter. You can get em at RatShak
>Instead of puting the micro jack into the tape player... put it into the ear
>phone out of your scanner... put the switch on PLAY and youre in business.
>---Greg

I just broke my telephone tape recorder adapter by sending a tape recorder signal through the micro jack to try to play a portion of a tape to a friend on the other end, even with the switch on play. I am unclear about the purpose of the play switch, but I think it is for when one plays back the recorded call--because it frees up the record control plug and allows the tape player to operate--yes, that is it. This reverse signal attempt ruined my unit. I won't try it with my new one.

--
Ken Morrill <kmorrill@strauss.udel.edu>

6431. HELP-need instrc. for Bearcat 210XL

Newsgroup: rec.radio.scanner
Date: 1994-12-06 19:01:29 UTC
From: donsug@netcom.com
Message-ID: <donsugD0EKuH.L0H@netcom.com>
Source record: 264535

I've just found an old Bearcat 210XL but don't have any instructions on how to use it. Can anyone refer me to somewhere I could get an instruction book.

also, if anyone is familiar with this model, I'd appreciate info on how tune to a specific frquency. I'll wait to do the fancy stuff until I can get the written instructions.

Thanks

Don Sugarman

6432. Buy Me--2028

Newsgroup: rec.radio.scanner
Date: 1994-12-06 19:49:33 UTC
From: "ADAM_INCH_(aka INCHY!!!)" <G4W5@UNB.CA>
Message-ID: <06DEC94.17091981.0120@UNBVM1.CSD.UNB.CA>
Source record: 264538

I'm a pro 2028 '92 US Model <if ther is actually a difference from the canadian one except for the name on the Unit> I have 50 channels, and cover 29-54 108-174 406-512MHz, <also by simultaniously pressing 2 9 and the lockout key when you turn me on you can also get 54-85Mhz>...I'm in mint condition come with my original box and Manual...I'm being sold cause my owner wants to upgrade to a model with 800MHz...I'm perfect for a beginner or someone who wants a basic model to tinker with... A note from the owner...I'm upgrading to a 2032 does anyone know of mod's for this scanner??? .....Adam Inch g4w5@unb.ca

6433. Pro 32 Mods

Newsgroup: rec.radio.scanner
Date: 1994-12-06 21:20:20 UTC
From: jmacneil@unb.ca
Message-ID: <3c2kik$h9d@darwin.nbnet.nb.ca>
Source record: 264547

I am interested in any simple (I can clip a diode but am weak with the soldering tools) modifications for the Realistic Pro 32. By the way, what's the story with this model- it doesn't seem that common but had good coverage and features for it's time?

If there is a FAQ regarding this subject I would appreciate knowing it's location as I am a newcomer to the newsgroup

JMN
macneilj@nbnet.nb.ca
(e-mail that works)

6434. Re: Wireless Mic's. What Freq??

Newsgroup: rec.radio.scanner
Date: 1994-12-06 22:15:25 UTC
From: kd4tzw@aol.com
Message-ID: <3c2npt$99l@newsbf01.news.aol.com>
Source record: 264541

In article <kjnD05A87.BtG@netcom.com>, kjn@netcom.com (Ken Navarre)
writes:

I have a wireless mic on 183.125mhz.

6435. Looking for Worldwide Freq. Info

Newsgroup: rec.radio.scanner
Date: 1994-12-06 22:23:10 UTC
From: jlynch@MCS.COM
Message-ID: <3c2o8e$ke5@Mars.mcs.com>
Source record: 264540

I'm trying to find a reference that documents frequency allocation around the world. I'm working with a company that is using UHF (467.8500MHz) equipment licenced for business use in the U.S.. I need to find out where this equipment can and cannot be installed worldwide. I would be ideal if this refernce also listed the FCC-like entities that I would need to contact worldwide.

I appreciate the help.

--
==========
John Lynch
Chicago, IL
INTERNET:jlynch@mcs.com
COMPUSERVE:75203,1666

6436. Re: Need opinion on Bearcat 8500XLT-K Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-06 22:30:55 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3c2omv$inc@nntp.crl.com>
Source record: 264542
Cross-posted to: alt.radio.scanner,rec.radio.scanner

kevin.jessup@mail.mei.com (Kevin Jessup) wrote:
>
> In article <26970@auspex-gw.auspex.com> jlim@Auspex.COM (Jeff Lim) writes:
>
> > I just say an ad for the Bearcat 8500XLT-K Radio Scanner from
> > Communication Electronics for $368.95. Does anyone have any
> > experience with this scanner or Communication Electronics??
>
> > I understand this scanner although skips the 800 band but it
> > can pick it up at 400Khz above the actual. Any thoughts is
> > apreciated.
>
> The 8500. Is that the handheld portable?? If so, read on...
>
> Recently, about 25 radio amateurs in our area, including me, met for our usual
> Tuesday evening coffee clutch at a local restaurant. As usual, everyone
> brought their latest handheld transceivers and other toys. It's all quite
> amusing to the non-hams. Twenty or so people noisily conversing while they
> all have their HTs blaring. Quite a little nerd society. ;-)) We practically
> own the restaurant, so what can they do?
>
> One guy had the latest Uniden Scanner (the best one they make, the 8500,
> right?). Anyway, many of the amateur handy-talkies also receive well out of
> band. About 5 different HTs, including the Uniden 8500, were set to the
> Milwaukee Fire Dept dispatch freq of 154.385 Mhz. While all the amateur
> tranceivers (including some radio shack scanners) were nice and quiet when
> the dispatcher was not transmitting, the 8500 would frequently chatter with
> noisy and annoying intermod from a near-by paging transmitter.
>
> The person who purchased the 8500 was rather annoyed with it's suseptibility
> to intermodulation distortion which, in his opinion, made it virtually useless.
> This was all with the stock rubber duck antenna inside a building.
>
>
>

I have yet to see any made in the states that is state of the art and the Uniden scanners for the most choice are a poor choice for a demanding person.

IMHO

ki4je

6437. RS PRO-2005 cellular mods

Newsgroup: rec.radio.scanner
Date: 1994-12-06 22:33:34 UTC
From: news@pts.mot.com
Message-ID: <D0Euny.G31@pts.mot.com>
Source record: 264545

In all of the posts, I cannot find info on PRO-2005 mods. Do they exist for the cellular band? Please respond via E-mail to kbarrett@pts.mot.com.

thx

6438. Indiana Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-12-06 22:41:23 UTC
From: dbasinge@nickel.ucs.indiana.edu
Message-ID: <3c2paj$sqv@usenet.ucs.indiana.edu>
Source record: 264543

I understand there are some laws limited scanner use in Indiana, can
someone explain to me what they are.

thanks (sorry if this is a FAQ),
mike
--
D. Michael Basinger [N9YYO]
dbasinge@nickel.ucs.indiana.edu
<http://bronze.ucs.indiana.edu/~dbasinge/>
"Not speaking for Indiana University"

6439. Atlantic Phone

Newsgroup: rec.radio.scanner
Date: 1994-12-06 22:58:00 UTC
From: walter.olechny@canrem.com
Message-ID: <60.12108.5773.0N1C26F4@canrem.com>
Source record: 264663

For whoever is looking for Atlantic Ham's phone number...

ATLANTIC HAM RADIO.
368 WILSON AVE.
DOWNSVIEW, ONTARIO.
416-636-3636
FAX 416-631-0747

MERRY CHRISTMAS!!!

... INTERNET: walter.olechny@canrem.com or ab499@torfree.net FIDO:(1:229/1
___ Blue Wave/QWK v2.12

6440. New to North Carolina

Newsgroup: rec.radio.scanner
Date: 1994-12-06 23:03:03 UTC
From: swatts@nntph17.nt.com
Message-ID: <3c2qj7$gte@nrtphaa9.nt.com>
Source record: 264546

Hi

I've recently arrived in North Carolina from the UK where I
bought an AOR scanner - can't remember the model but it's
continous to 1300 MHz and been in storage for 12 months :<

Being a newbie on the 'net I was hoping some kind soul could
point me in the right direction to find good frequency listings
for the Raleigh/Durham RTP areas?

Any help would be greatly appreciated - particulary interested in
airborne intercepts (non-commercial)

Cheers

Simon Watts

6441. Re: Need opinion on Bearcat 8500XLT-K Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-06 23:48:56 UTC
From: keithr@primenet.com
Message-ID: <keithr.231.00E2088F@primenet.com>
Source record: 264557
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <kevin.jessup.177.001C0325@mail.mei.com> kevin.jessup@mail.mei.com (Kevin Jessup) writes:

>The 8500. Is that the handheld portable?? If so, read on...

The 8500 is a base tabletop scanner. You're probably talking about the 2500.

>The person who purchased the 8500 was rather annoyed with it's suseptibility
>to intermodulation distortion which, in his opinion, made it virtually useless.
>This was all with the stock rubber duck antenna inside a building.

So this is the trouble with the 2500!?! The 8500 may or may not exhibit the same problems. The 2500 is double conversion (I think) and the 8500 is triple conversion and so doesn't have as many image problems.

I have the 8500, while it doesn't have the image problems of double conversion receivers, it does lack a little in sensitivity, which might account for the lessened acceptablity to images and IM.

Best Regards, Keith

==========
Internet Address: keithr@primenet.com
Personal WWW Page: http://www.primenet.com/~keithr/
Packet Radio Address: KG7EL@KC7Y.AZ.USA.NA
Earthly Address: Mesa, Arizona, USA, North America

6442. Grand Rapids Area Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-12-07 00:05:07 UTC
From: robocop@aol.com
Message-ID: <3c2u7j$akq@newsbf01.news.aol.com>
Source record: 264551

Looking for Freqs. in the Grand Rapids,MI area.

6443. Re: 2006 help

Newsgroup: rec.radio.scanner
Date: 1994-12-07 00:47:26 UTC
From: jdark@myhost.subdomain.domain
Message-ID: <3c30mu$9ci@news.halcyon.com>
Source record: 264549

Gary M. Glickman (glickman@panix.com) wrote:
: Is there some way to enter a frequency directly into a RS 2006 without
: first assigning a channel number? I can't seem to get it!

I just hit 'program', 'limit', the 'freq', then 'enter'.

6444. Re: Need opinion on Bearcat 8500XLT-K Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-07 00:55:04 UTC
From: andycl168@aol.com
Message-ID: <3c3158$b9n@newsbf01.news.aol.com>
Source record: 264552

In article <26970@auspex-gw.auspex.com>, jlim@Auspex.COM (Jeff Lim)
writes:

> I just say an ad for the Bearcat 8500XLT-K Radio Scanner from
> Communication Electronics for $368.95. Does anyone have any
> experience with this scanner or Communication Electronics??
>
> I understand this scanner although skips the 800 band but it
> can pick it up at 400Khz above the actual. Any thoughts is
> apreciated.

I bought mine from Tucker Electronics, and I sent it back yesterday. I never bothered to try to pick up cellular on it (they're boring), but one can program everything else in the spectrum into it. I sent it back because alphanumerics and CTCSS tones can only be programmed on the first 250 channels. All the mail-order places fail to mention this. I have to admit that I really liked the radio, but the shortcoming described caused me to send it back. I'm waiting for the next model. Any questions, feel free to email me.

Andy Clark
clarkan@yang.earlham.edu

6445. ghansen

Newsgroup: rec.radio.scanner
Date: 1994-12-07 02:59:15 UTC
From: USERID@InforMNs.k12.MN.US
Message-ID: <USERID-061294221030@msp81-5.nas.mr.net>
Source record: 264562

Need advice on Pro 51 mod.

6446. Harrisburg Area Frequencies, Please?

Newsgroup: rec.radio.scanner
Date: 1994-12-07 03:19:04 UTC
From: veith@cherokee.nsuok.edu
Message-ID: <D0F7vs.ILJ@cherokee.nsuok.edu>
Source record: 264481

I will be visiting Harrisburg, Baltimore, and DC over the
holidays and would really appreciate a list of interesting
frequencies to listen to in this area.

Thanks in advance to responders.

73 de Charles (KG5TV) veith@cherokee.nsuok.edu Tahlequah, OK

6447. Re: New to North Carolina

Newsgroup: rec.radio.scanner
Date: 1994-12-07 03:26:20 UTC
From: coyote@cybernetics.net
Message-ID: <3c3a0s$jav@jabba.cybernetics.net>
Source record: 264550

Simon Watts (swatts@nntph17.nt.com) wrote:
: Hi

: I've recently arrived in North Carolina from the UK where I
: bought an AOR scanner - can't remember the model but it's
: continous to 1300 MHz and been in storage for 12 months :<

: Being a newbie on the 'net I was hoping some kind soul could
: point me in the right direction to find good frequency listings
: for the Raleigh/Durham RTP areas?

: Any help would be greatly appreciated - particulary interested in
: airborne intercepts (non-commercial)

: Cheers

: Simon Watts

It isn't on the net, but the North Carolina EMS BBS (704-637-6906) has a very large collection of North Carolina frequencies. The BBS is setup for firemen and emergency personal, but is open to everyone. The frequencies are grouped by counties, and cover all of the services. BBS useage is limited to 30 min. per day. A good place to start your collection. Till later, Si B.

6448. My Christmas list

Newsgroup: rec.radio.scanner
Date: 1994-12-07 04:23:44 UTC
From: bseburn@vaxxine.com
Message-ID: <D0FAvK.MCM@vaxxine.com>
Source record: 264556

Reguarding the message sent to Santa here a day or so ago. I do appologize for it ending up in the wrong place. It was sent using a offline QWK reader, and for whatever reason the host system on this end sent it too this newsgroup, instead of Email. I double checked my files and they were fine, and a second posting via the same .REP packet, resulted in the message being sent to the correct Email address. It was a system error, not mine.. and I'm sure doesn't require the flame I have already received. I was waiting to see if it was indeed posted here before I said anything. If anyone can tell me how to stop a post from being sent out, when I see it being posted to the incorrect group ever again.. I'm all ears, cause I would have loved to have stopped it.

Thank you Brian..

___ Mountain Reader II - #00000039

6449. Re: Need opinion on Bearcat 8500XLT-K Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-07 04:32:28 UTC
From: snake@netcom.com
Message-ID: <snakeD0FBA4.AFq@netcom.com>
Source record: 264558

jlim@Auspex.COM (Jeff Lim) writes:

> I just say an ad for the Bearcat 8500XLT-K Radio Scanner from
> Communication Electronics for $368.95. Does anyone have any
> experience with this scanner or Communication Electronics??

> I understand this scanner although skips the 800 band but it
> can pick it up at 400Khz above the actual. Any thoughts is
> apreciated.

> Jeff

I went today and looked at the 8500XLT today at Tucker Electronics,
and I was really impressed, I would buy it myslef, but can't afford it
right now. Of course Cellular is blocked, not continous, but can't be
modified either. I would recomend going ahead and buying it, GOOD LUCK!

Brian

--
snake@netcom.com

6450. Re: PRO-2035 Anyone?

Newsgroup: rec.radio.scanner
Date: 1994-12-07 04:37:39 UTC
From: 5leitgeb_c@spcvxb.spc.edu
Message-ID: <1994Dec6.233739.1@spcvxb.spc.edu>
Source record: 264560

In article <3c05b0$qrv@news1.digex.net>, synchro@access4.digex.net (Steve) writes:
> Subject: PRO-2035 Anyone?
> Newsgroups: alt.radio.scanner
> Organization: Express Access Online Communications, Greenbelt, MD USA
> Summary:
> Keywords:
>
> Has anyone tried out the PRO-2035 - I think it replaced the legendary
> 2006 model ? Any mods for the 2035 to complete the 30-1000 range?
>
> Thanks in advance,
>
> Steve
>
The PRO-2035 is the replacement for the PRO-2006. I own a 2006
and I am very impressed with its performance and ease of modification.
However, in order to comply with Federal laws concerning the monitoring
of cellular phones, the 2035 is suppose to be unmodifiable. The
cellular phone bands are permanently locked-out and cannot be restored.
While I have not had hands-on experience with the 2035, I have read
a review on it in Monitoring Times (Oct '94) which says that its
performance is equal to that of the 2006, plus it has the advantage
of 1000 channels, a VFO, and a "search and store feature."
If the cellular phones are not important to you, you should seriously
consider the 2035. However, if you want to monitor the cellular bands, try
to find a used 2006.

6451. Re: pager scanning

Newsgroup: rec.radio.scanner
Date: 1994-12-07 04:38:52 UTC
From: hrick@news.gate.net
Message-ID: <3c3e8s$234d@hopi.gate.net>
Source record: 264553

Wouldn't it be rather boring to monitor the signals going to numeric
pagers? I doubt that the alpha-numerics are much more fascinating --
"call office" or "meet drug dealer at corner payphone" mostly.
Anyway, if you closely watch the magazines such as Popular Communications
and Monitoring Times, you will probably eventually see an ad for gear
to monitor that sort of thing. If not, make friends with some
technicians who work in the paging industry.

6452. Radio Shack Pro-25

Newsgroup: rec.radio.scanner
Date: 1994-12-07 04:43:39 UTC
From: dbasinge@nickel.ucs.indiana.edu
Message-ID: <3c3ehr$emd@usenet.ucs.indiana.edu>
Source record: 264554

I would like to know if anybody has any info on the Radio Shack
PRO-25. Is it a good scanner, or should I look at others.

thanks,
mike
--
D. Michael Basinger [N9YYO]
dbasinge@nickel.ucs.indiana.edu
<http://bronze.ucs.indiana.edu/~dbasinge/>
"Not speaking for Indiana University"

6453. HELP! Need MOD for BC 200XLT!

Newsgroup: rec.radio.scanner
Date: 1994-12-07 04:45:26 UTC
From: snake@netcom.com
Message-ID: <snakeD0FBvq.BoH@netcom.com>
Source record: 264563

HELP!

I just got an old UNiden BearCat 200 XLT, and have seen the cellualr restoration mod, but can't remember it.

Could someone re-post it or E-Mail me, I would really appreciate it, THANKS!

Brian
snake@netcom.com

--
snake@netcom.com

6454. Alinco DJ580T "tone frequency decimal point"?

Newsgroup: rec.radio.scanner
Date: 1994-12-07 05:16:07 UTC
From: mc2@alcyone.darkside.com
Message-ID: <k67Xwc1w200w@alcyone.darkside.com>
Source record: 264555

I just got myself an Alinco DJ580T, which I'm very pleased with, but I have question concerning its operation.

On p. 19 of the manual, it reads "When the Tone frequency is displayed, the decimal point divides Hz and 0.1 Hz." This "tone frequency decimal point" appears, though, one digit to the right of the "frequency decimal point," which divides 1 MHz and 100 kHz. Schematically, if reading a 500 MHz signal, normal displays as

5 0 0.0 0

but when the tone frequency decimal point is active, which is only on certain channels at certain times, 500 MHz would appear as

5 0 0.0.0

but the second decimal point cannot possibly divide 1 Hz and 0.1 Hz. My only guess is that the tone frequency decimal point is related to a tone squelch, but even then I don't understand the reference to the 1 Hz to 0.1 Hz dividing line.

Can anyone help me out here? Thanks.

mc2@alcyone.darkside.com

6455. WTB: Pro 43 w/Mods

Newsgroup: rec.radio.scanner
Date: 1994-12-07 06:25:34 UTC
From: pp000933@interramp.com
Message-ID: <pp000933-0612942225340001@ip153.san-francisco.ca.interramp.com>
Source record: 264564

I'm looking to buy a Pro-43 with Mods already done. Anybody have one they want to get rid of (I just bought a Pro-62 that is unmodifiable, so I'm going to return it).

...Michael

6456. Re: Philly POLICE 911 call transcripts

Newsgroup: rec.radio.scanner
Date: 1994-12-07 07:28:50 UTC
From: hoffj@mhd1.moorhead.msus.edu
Message-ID: <1994Dec7.022851.3269@msus1.msus.edu>
Source record: 264573

In article <D0D3qu.C0L@wang.com> dbushong@wang.com (Dave Bushong) writes:
>scan911@aol.com (SCAN911) writes:
>
>>Here's a transcript of the now-famous Philadelphia Police 911 calls in
>>which dispatchers were cited as rude. The rudeness is at 10:44:23.
>>Enjoy!
>
>[...]
>
>Oh, great. Now these people who deal with life and death have to be
>politically correct, too.
>
>Look, jerk (not you, the guy who posted, but 'you' as in 'people who
>get upset that 911 operators aren't so polite'): Someone calls, says
>someone is getting beat up. 911 op calls the cops. Job done.

I totally agree with you, these dispatchers are under alot of stress,
where errors can cost lives. As this incident proved. If they had called
an officer to the scene after the first call, those kids running around
with bats would have been off the streets for a couple of hours, instead
of killing someone.

From the reports I got, the dispatcher did NOT CALL THE COPS. Please
correct me if I am wrong.

Jerad

+--------------------------------------=---------------------------------+
|Citizens Band - Fubar MOORHEAD STATE UNIVERSITY Jerad Hoff |
|Amateur Radio - KB0PCH Moorhead, Minnesota |
|Scanner - NUIQ0 ((|)) |
|Telephone - (218) 236-3406 /-\ |
|Internet Email- hoffj@mhd1.moorhead.msus.edu /---\ |
|Packet Address- Coming Soon /-----\ |
|Snail Mail - 750 Nelson Hall, MSU; Moorhead, MN 56563 "Clapton is God"|
+--------------------------------------=---------------------------------+

6457. Aussie DJ580T

Newsgroup: rec.radio.scanner
Date: 1994-12-07 08:07:17 UTC
From: 925613@edna.cc.swin.edu.au
Message-ID: <3c3qfIINNvo@edna.cc.swin.edu.au>
Source record: 264565

I have an Australian Alinco DJ580T, which does _not_ have the the
red and blue wires as mentioned in the mod files.

Has anyone sucessfully modified one of these ??

Adam

6458. Computer Interface with Scanner!

Newsgroup: rec.radio.scanner
Date: 1994-12-07 08:22:44 UTC
From: termi@mindvox.phantom.com
Message-ID: <0oFywc2w165w@mindvox.phantom.com>
Source record: 264559

Ok what's the bottom line..

If someone wants to listen to a specific cellular number or numbers and
follow them through the cell sites what do you need?

What is out there? Where do you get it? Who do you contact?
How much does it cost?

Someone always has the answers..

Later

termi@phantom.com

6459. Re: aor8000 sources?

Newsgroup: rec.radio.scanner
Date: 1994-12-07 10:21:09 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3c42al$ip2@nntp.crl.com>
Source record: 264561

The cost of buying from Johnathan is about the same as buying
from the USA. It is much faster though. He dosn't fool around
if he has the stuff in stock it goes out immediately express ups
delievery guranteed second day. The only reason I didn't get it
Sunday is UPS dosn't deliever Sunday.

No the cost of the radio was $612. The computer interface and and extra
manual was the rest. I will send a message tommorow regarding observations
of this complicated radio. At first I didn't like it. But after
using it all day yesterday my oinion has changed and especially
after I reread the manual last night.

IMHO the manual could have been done much better then it was.
You don't find out how to make it scan until page 60 !

I have got to run
Brett, I have to go to south Ga. today.

Vic ki4je

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) wrote:
>
> In article <3bttm3$i4g@nntp.crl.com> Flying Turtle <vhealey@crl.com> writes:
> >The cost came to 450LB with the extra stuff I ordered.
> >Looking in Sat's business news it said the exchange was 1LB = 1.56 US.
> >That comes to $744.12 delievered after you add the 6% US import tarrif.
> >When Gatt goes into effect it may be even cheaper. :>)
>
> Seeing how they cost about $600 for US version, does that mean you paid $144
> extra for cellular coverage?
>
>
> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
> Intel Corp.
> American Fork, UT DoD#1461

6460. Standard CCR708A- I'm still hacking...Anyone Else

Newsgroup: rec.radio.scanner
Date: 1994-12-07 13:18:59 UTC
From: stone@apple.com
Message-ID: <stone-071294141859@stone.atg.apple.com>
Source record: 264655

Oh hi,

I am now positive that there is some keyboard sequence to expand the range to 25 - 1300 mhz. (It is 50 - 905). I have hacked the hardware as much as I have been able to figure out (with aid of the service manual) and got the display to register from 25 -1300 mhz, but when I enter a freq below 50 or above 905 it switches to a different tuner section. How have people discovered the keyboard sequences for other (any brand) scanners?

-Glen

6461. Re: Need opinion on Bearcat 8500XLT-K Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-07 15:24:05 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.185.013A413F@mail.mei.com>
Source record: 264634
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <keithr.231.00E2088F@primenet.com> keithr@primenet.com (Keith Rowland) writes:

I said...

>>The 8500. Is that the handheld portable?? If so, read on...

You said...

>The 8500 is a base tabletop scanner. You're probably talking about the 2500.

I said...

>>The person who purchased the 8500 was rather annoyed with it's suseptibility
>>to intermodulation distortion which, in his opinion, made it virtually useless.
>>This was all with the stock rubber duck antenna inside a building.

Sorry for the confusion. The above comment refers to the 2500.

---

kevin.jessup@mail.mei.com "It is dangerous to put limits on wireless."
marquette electronics inc Guglielmo Marconi, 1932
milwaukee, wi 53223
LIVE FREE OR DIE! N9SQB * ARRL

6462. Re: BC9000XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-07 15:34:25 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3c4kmtluc1@mhadg.production.compuserve.com>
Source record: 264566

I talked with an exec at Uniden and he found out that the BC9000XLT will still only have up to 250 alpha-tagged channels. They claim that there isn't enough memory to have all 500 channels alpha-tagged.

The BC9000XLT will still use accomodate the optional BC005 PL board.

Other additions are Data Skip during Scans or Searches, 300cps during VHF-Lo or VHF-Hi Searches, Attenuator function, Hi Cut feature, switchable modes (NFM, AM, WFM), and the ability to lockout up to 50 freqs during a Search. Also, I believe that you can plug in a pair of stereo earphones/head-phones and hear out of both ears. <g>

The one thing you lose is the ability to use Priority during a Search.

The BC9000XLT is due next month.

-Jeff

6463. Re: Need opinion on Bearcat 8500XLT-K Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-07 15:40:19 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3c4l13luc2@mhadg.production.compuserve.com>
Source record: 264567
Cross-posted to: alt.radio.scanner,rec.radio.scanner

First of all, the model is BC8500XLT. A letter after the T is just a way of tracking what ad you you saw the scanner in.

The BC8500XLT has been discontinued and will be replaced by the BC9000XLT next month.

-Jeff

6464. Re: Scanner BBS's

Newsgroup: rec.radio.scanner
Date: 1994-12-07 15:43:18 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3c4l6mluc3@mhadg.production.compuserve.com>
Source record: 264568

There's CompuServe HamNet Forum (Section 2 VHF/UHF Scanning).

-Jeff

6465. Re: My Christmas list

Newsgroup: rec.radio.scanner
Date: 1994-12-07 15:43:24 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.43.000FB9A3@ccm.hf.intel.com>
Source record: 264638

In article <D0DE22.AF6@vaxxine.com> bseburn@vaxxine.com (Brian Seburn) writes:
> Dear Santa,
> My name is Christopher Seburn, I am 3 1/2 years old. I have a
>brand new little brother named Bradley that is only 3 weeks old, and
>I love him very much!
> I have been a very good boy this year, and from now until
>Christmas I'm going to be EXTRA good, just in case.

> Some of the things I'm hoping to get for Christmas are:

>- An orange big boys bike (two wheels)

try rec.bicycles.marketplace

>- "Gator Golf" golf game

try alt.games.video.*

>- Some Lego building blocks

try alt.toy.lego

Who needs santa when you've got Usenet!? :-)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

6466. Re: WTB: PRO-51

Newsgroup: rec.radio.scanner
Date: 1994-12-07 15:44:37 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3c4l95luc4@mhadg.production.compuserve.com>
Source record: 264569

It may still be on sale at RS for $219. You should doublecheck. And there are lots of 7A4s still in the stores.

6467. Re: Need opinion on Bearcat 8500XLT-K Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-07 16:02:57 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.44.00100D0B@ccm.hf.intel.com>
Source record: 264639

In article <snakeD0FBA4.AFq@netcom.com> snake@netcom.com (Brian Morale) writes:
>jlim@Auspex.COM (Jeff Lim) writes:
>> I just say an ad for the Bearcat 8500XLT-K Radio Scanner from
>> Communication Electronics for $368.95. Does anyone have any
>> experience with this scanner or Communication Electronics??

>> I understand this scanner although skips the 800 band but it
>> can pick it up at 400Khz above the actual. Any thoughts is
>> apreciated.
>> Jeff

> I went today and looked at the 8500XLT today at Tucker Electronics,
>and I was really impressed, I would buy it myslef, but can't afford it
>right now. Of course Cellular is blocked, not continous, but can't be
>modified either. I would recomend going ahead and buying it, GOOD LUCK!
>
> Brian

Wait a few months until the BC9000XLT comes out. It should be an improved
version of the 8500.

>--
> snake@netcom.com

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

6468. Re: Un-Scannable

Newsgroup: rec.radio.scanner
Date: 1994-12-07 16:13:51 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.45.00103B92@ccm.hf.intel.com>
Source record: 264640

In article <henniger.786664594@cisco.com> henniger@cisco.com (Mickey Henniger) writes:

>Does anyone have documentation on the protocols used on trunking?
>Modulation types? Message formats? error correction? Data transmission
>rate? How is access arbitrated?

>Does it vary by manufacturer? If so, what changes? what is consistent?

>Is there a box which can decode and follow trunked subgroups?

Johnson, GE, Motorola, etc. all use their own protocols.
As far as I know, they don't publish the specs (unless you could get some kind
of service manual).

I have heard that there is a company working on a box that will track trunked
systems, but I don't think such a product is currently available to the public.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

6469. Naval Ordnance Station, Louisville, Kentucky

Newsgroup: rec.radio.scanner
Date: 1994-12-07 16:22:31 UTC
From: Harold G Peach Jr <hpeach@pop.uky.edu>
Message-ID: <3c4ng7$9df@convex.cc.uky.edu>
Source record: 264570

Does anyone have any frequencies for the Naval Ordnance Station in Louisville, Kentucky? It is a part of the Crane Division of the Naval Surface Warfare Center in Crane, Indiana, but does not appear to use the same frequencies as the Crane, Indiana facility.

Harold
hpeach@pop.uky.edu

6470. Re: Looking to start scanning

Newsgroup: rec.radio.scanner
Date: 1994-12-07 16:52:43 UTC
From: psewell@cc-mail.pica.army.mil
Message-ID: <D0G9Jv.BI9@pica.army.mil>
Source record: 264571

In article <17081E8AES86.R3PMP@VM1.CC.UAKRON.EDU> R3PMP@VM1.CC.UAKRON.EDU (Patrick M. Prather) writes:
>Over the summer a friend of mine let me borrow his scanner. When he asked for
>it back, I didn't want to give it up. I'm addicted. I am looking to buy my
>own and am hoping someone can offer me some advice. I've been looking at the
>ones Radio Shack has, can anyone offer some words on these. I'm not looking to
> spend more that $160.00. Can I get anything that I won't be dissapointed with
> later on.
>
>Thanx a lot...
>Pat Prather

Pat,

One of the constants of our hobby [and most others] is no matter what equipment you start with, you will probably "buy up" to something bigger, better, stronger, etc. within a short period of time. We are always adding new stuff, either receivers/scanners with broader coverage or features, or antennas, or ...

So, first decide what it is that you want to listen to in your area and get the best radio that you can afford that meets your needs.

You didn't specify if you want the unit at home, or in the car, or handcarried, or ... all of the above. See, it all makes a difference. Don't forget a good antenna and a book or two to answer many of the basic questions as well as providing some starter frequencies.

Good luck and good listening ...

Pres

6471. Portable Scanner Recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-12-07 16:59:43 UTC
From: jdangel@denali.ccs.neu.edu
Message-ID: <3c4plv$dv9@chaos.dac.neu.edu>
Source record: 264572

I want to get a portable (handheld) scanner that can receive:

- Air band
- 800mhz (cellular has to be restorable)

And the big one: Cheap.

I have seen adds for the Realistic stuff. I owned a Pro2004
for a long time and loved it. Are their handhelds as good?

Thanks! Jeff

6472. Uniden Sportcat SC-150

Newsgroup: rec.radio.scanner
Date: 1994-12-07 17:14:05 UTC
From: neilberg@deepcove.com
Message-ID: <3c4qgt$ado@Kaos.deepcove.com>
Source record: 264626

Hello, I have a few questions to ask, if I may. I have an Uniden Sportcat SC-150 and access to a SC-200. I got myself into a bit of trouble a couple of days ago but managed to get out ok ... but lost all my channel memory in the SC-150. My questions are simple, what combination of keys did I hit to get where I ended up and are there any other key strokes I should know about that would get me into trouble? I know the inputing practice is good but I'd like to know before I do it. Also are these models upgradeable to opening up the locked out channels?
Thanks, Neil

6473. Bob Parnass Joins MT

Newsgroup: rec.radio.scanner
Date: 1994-12-07 17:16:44 UTC
From: jocatch@vnet.ibm.com
Message-ID: <3c4qlsINNnh2@afshub.boulder.ibm.com>
Source record: 264635

I just read that "our own" Bob Parnass is joining MT starting with next month's issue! He will be reviewing scanner equipment. Sounds great to me.

Good luck, Bob!

Joe Cacciatore

6474. Re: Looking to start scanning

Newsgroup: rec.radio.scanner
Date: 1994-12-07 17:16:56 UTC
From: joep@bear.com
Message-ID: <40327@ursa.bear.com>
Source record: 264645

Patrick M. Prather (R3PMP@VM1.CC.UAKRON.EDU) wrote:
: Over the summer a friend of mine let me borrow his scanner. When he asked for
: it back, I didn't want to give it up. I'm addicted. ...
<SNIP>:
: Thanx a lot...
: Pat Prather

Well my first thoughts are about your friends scanner. Was it in your price range? Did it have features that you liked/disliked? This should play into your choice. Was it a hand-held? Did you ever find yourself asking things like:

I wish the battery lasted longer?
or
I wish this could do this or that...

You have had a free trial of that model and a chance to find out that you like it before laying out any cash...

I suggest you read the Intro to Scanning posts and the info on the various models available. Good Luck and Happy Scanning...
--
p
|
_|_
|SSN|
. |698|
|\ ~~~~~~
| \ / joep@bear.com \
| \ / Opinions are all mine. Flames to the bilge \
%|-- +~~~~~~)
| / \ Living the American Dream I helped preserve /
| / ____/
|/
'

6475. Re: Mods for BC890, PRO-2036?

Newsgroup: rec.radio.scanner
Date: 1994-12-07 17:40:00 UTC
From: clint.bradford@ectech.com
Message-ID: <9412080940231849@ectech.com>
Source record: 264480

TOM>>I have asked this question several times in the past couple of
TOM>>months, but have not gotten ANY response.
TOM>>Are there any mods for the Uniden BC890 or Radio Shack PRO-2036
TOM>>scanners?

Yes.

There are several modifications for these units.

Maybe if you were specific in what you wanted your unit to do that it
doesn't do now, you would get appropriate responses.

Clint Bradford, KE6LCS
---
* TLX & OLX * Nothing in fine print is ever good news.

6476. Re: PRO-50

Newsgroup: rec.radio.scanner
Date: 1994-12-07 17:41:00 UTC
From: clint.bradford@ectech.com
Message-ID: <9412080940231850@ectech.com>
Source record: 264482

GBLUE>>I just bought a pro 50. It is modifiable and is picks up at a far
GBLUE>>range.

Cool.

What are you using for power source(s)? Rechargeables? Give us further
1st-hand reports! Are you in a metropolitan area?

Clint Bradford, KE6LCS
---
* TLX v4.00 * If there's one thing I can't stand, it's intolerance.

6477. Re: Belt Clip on 43

Newsgroup: rec.radio.scanner
Date: 1994-12-07 17:42:17 UTC
From: tharrell@nmsu.edu
Message-ID: <3c4s5p$969@dns1.NMSU.Edu>
Source record: 264574

Michael Schuster (schuster@panix.com) wrote:
: In article <1994Dec5.193524.3257@msus1.msus.edu>,
: Jerad Hoff <hoffj@mhd1.moorhead.msus.edu> wrote:
: >Anyway, I am assuming that maybe a person or two has had this happen to
: >them before, and being I hate dealing with Radio Shack, are there any
: >alternitives? What solutions have been used?

: Find a dealer that sells the AOR/Trident/Camnis/Fairmate radios. Order an
: extra belt clip from their parts department. It's a long metal clip that
: has properly spaced holes for the PRO-43. My original belt clip is in the
: drawer, and I didn't even wait for it to break.

If you're cheap, creative, and/or desperate, a serviceable clip can be
fabricated using a coat hanger and two eyelet crimp connectors. I rigged
one up to hold my PRO-43 at the last airshow. That was three months ago,
and I haven't had to replace it yet.

Bend the coat hanger in a "U" shape. Mine looks sort of like this:
(Warning: crude ASCII art follows!!)

```
| |
() () <-- Crimp connectors (eyelet style)
\\ //
| | The top part is angled so the crimp
| | connectors don't slide up, down, or
| | off of the wire. (You could conceivably
| | solder the connectors to the wire after
| | scraping the wire bare and crimping the
-------- connector on it.) The two top parts
```

extending past the connectors should be covered with electrical tape
or something similar so they don't scratch the radio (or you). If you
can get the bend just right, they'll rest against the radio case and
provide a bit of spring action.

Screw the connectors to the radio using the existing screws, then bend
the hangar to shape. Crimp the connectors on and you're good to go
until you can get that nice shiny metal belt clip.
--
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5KTO Beware of geeks bearing .gifs... |
| The Second Amendment is the '...and we're not kidding!' clause |

6478. Looking for scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-07 18:11:49 UTC
From: dbasinge@nickel.ucs.indiana.edu
Message-ID: <3c4tt5$kb5@usenet.ucs.indiana.edu>
Source record: 264625

I thinking about asking for a scanner for x-mas, I need some help on what to look for.

It would be probably purchased at Radio Shack, so I'm looking at their models.

Some questions:

1. What is IF conversion, and what is the difference between double and triple conversion?

2. Most of Radio Shack scanner don't carry the 200-400MHz band. Will I miss out on much if I get a scanner that doesn't include those frequencies?

3. Where are the Weather Service Bands located?

Thanks for any info,
mike
--
D. Michael Basinger [N9YYO]
dbasinge@nickel.ucs.indiana.edu
<http://bronze.ucs.indiana.edu/~dbasinge/>
"Not speaking for Indiana University"

6479. Re: HELP! Need MOD for BC 200XLT!

Newsgroup: rec.radio.scanner
Date: 1994-12-07 18:32:31 UTC
From: dwwn@uhura.cc.rochester.edu
Message-ID: <1994Dec7.183231.16627@galileo.cc.rochester.edu>
Source record: 264628

Add me to the list of people looking for the mods.

6480. Re: Monitor America, 3RD edition

Newsgroup: rec.radio.scanner
Date: 1994-12-07 18:54:43 UTC
From: msmith@pluto.njcc.com
Message-ID: <msmith.34.0012E9AE@pluto.njcc.com>
Source record: 264478

In article <3c05sh$789@hermes.dna.mci.com> permisch@mcimail.com (Paul Ermisch) writes:
>Just got a 1995 Scanner Master catalog and they will be offering a new,
>improved 3rd edition of Monitor America. Looks like they'll now be including
>Amateur Radio repeater and AM/FM broadcast frequencies and PL tones (where
>possible). $29.95

>I called and it won't be out until Feb/Mar 1995 but they are taking orders
>now.

I called to order some other stuff, and they told me April 95.

Mark

6481. Re: What is the 1701-D's shield frequency?

Newsgroup: rec.radio.scanner
Date: 1994-12-07 19:15:53 UTC
From: linley@netcom.com
Message-ID: <linleyD0GG6H.F4M@netcom.com>
Source record: 264627
Cross-posted to: rec.arts.startrek.tech,rec.radio.scanner

Thanks to all who replied. The shield frequency is 257.4 MHz. It's probably just a coincidence, but it is interesting that 257.4 MHz falls within the range of frequencies allocated (in the USA) to military aircraft. So I guess that Starfleet really is a military organization. Oh well, I'd better get back to reality now.

<Followups directed back to rec.arts.startrek.tech>

--
Reality (more or less).....Bruce James Robert Linley | Intel: United they
Internet...linley@netcom.com (linley1@aol.com if you must) | stand divided they
Postal.....3675 S. Rainbow Blvd. #107, Las Vegas, NV 89103 | fall, all for 1 &
Amateur Radio.....KE6EQZ (-.- . -.... . --.- --..) | 1.0000379 for all!

6482. Classic Bearcat Scanner info wanted

Newsgroup: rec.radio.scanner
Date: 1994-12-07 20:55:29 UTC
From: dwicker@lilly.com
Message-ID: <1994Dec7.155529.3537@inet.d48.lilly.com>
Source record: 264631

I seem to remember seeing an article posted that contained repair information for Electra's scanners. I am needing voltage test points for a BC300. The feature board is dead. The scanner synthesizer is not operating but the audio functions(static). Any help would be appreciated.

Daryl Wicker
dwicker@lilly.com

My opinions -- Not Eli's

6483. freqs needed for Summit of Americas in S.Florida

Newsgroup: rec.radio.scanner
Date: 1994-12-07 21:47:06 UTC
From: habu@gate.net
Message-ID: <3c5agq$1f67@tequesta.gate.net>
Source record: 264636

Looking for freqs for the Summit down here in S.Florida.

Thanks
Mike

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

6484. Re: Indiana Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-12-07 22:23:50 UTC
From: jkronz@pts.mot.com
Message-ID: <D0Govr.940@pts.mot.com>
Source record: 264642

Mike Basinger (dbasinge@nickel.ucs.indiana.edu) wrote:
: I understand there are some laws limited scanner use in Indiana, can
: someone explain to me what they are.

: thanks (sorry if this is a FAQ),
: mike
: --
: D. Michael Basinger [N9YYO]
: dbasinge@nickel.ucs.indiana.edu
: <http://bronze.ucs.indiana.edu/~dbasinge/>
: "Not speaking for Indiana University"

Mike,

This may not be exactly true, laws may have changed, but
basically having a scanner in the car or on your person is a no no
execpt if you are:

policeman,fireman,a goverment official,a news reporter, or
a ham radio operator.

Like I said this may not be the exaclt law but it came from a
law student who was a scanner enthusiast.

btw, he got his ham radio liscence just to get around the laws...

I suggest if you don't have your HAM liscence to go ahead and get it.

-jason

These Are MY opinions and do not reflect those of Motorola Inc.

Jason Kronz |
jkronz@pts.mot.com | (This space intentionally left blank)
N9OFN |
Cyber-Pilot (VFR only) |

6485. AR8000 Couple of first observations from KE4OI & Ki4je

Newsgroup: rec.radio.scanner
Date: 1994-12-07 23:23:20 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3c5g58$d17@nntp.crl.com>
Source record: 264643
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

Ke4oi wrote >

>Actually the radio is a little scary at first.
^^^

Big understatement!! ^^^^^^^^^^^^^^^

>What I have noticed so far is :
>Bad
>1. VFO knob sometimes skips a bit and kind of cheap feeling. Has lots of
>popping in USB/LSB/CW modes.

Did not notice this in mine.

>2. Construction quality of the case so - so

6486. Re: My Christmas list

Newsgroup: rec.radio.scanner
Date: 1994-12-07 23:35:47 UTC
From: max@alcyone.darkside.com
Message-ID: <c3LZwc1w200w@alcyone.darkside.com>
Source record: 264226

bseburn@vaxxine.com (Brian Seburn) writes:

> If anyone can tell
> me how to stop a post from being sent out, when I see it being
> posted to the incorrect group ever again.. I'm all ears, cause I
> would have loved to have stopped it.

Probably stop using a QWK offline reader for Usenet.

Erik Max Francis, &tSftDotIotE ...!uuwest!alcyone!max max@alcyone.darkside.com
San Jose, CA ... GIGO, Hg, Omega, Universe, Psi ... ICBM: 37 20 N 121 53 W _
H.3`S,3,P,3$S,#$Q,C`Q,3,P,3$S,#$Q,3`Q,3,P,C$Q,#(Q.#`-"C`- ftmfbs kmmfa / \
Omnia quia sunt, lumina sunt. ("All things that are, are lights.") -><- _/

6487. Re: How to shield a PRO-2006?

Newsgroup: rec.radio.scanner
Date: 1994-12-07 23:59:25 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <D0HL3E.K89@utnetw.utoledo.edu>
Source record: 264660

In Article <brett_miller.41.000B859E@ccm.hf.intel.com>
brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>In article <bq2zO44oEMF8kSol06b@cms.uncwil.edu> blythe@cms.uncwil.edu (Marshall Blythe)
writes:
>
>>If anyone has any ideas for adding RF shielding to the stock plastic PRO-2006
>>case please e-mail me. Perhaps there is an aftermarket metal case available to
>>replace the plastic one. If you know of such a case I'd like to hear from you!
>
>I have seen lots of ideas on this. The most simple method seems to be to get
>some condutive tape - You can get the stuff from hardware stores. I was also
>told pilot shops carry "propeller" tape that is conductive. Cover the top and
>bottom case with the tape and make some connection from case to ground.
>
>Get some copper paint from M-D (Mckinnon-Dickson??)I'm not sure of the exact
name\spelling.It's not cheap but it works pretty good.I'm sure somebody will
post the exact name and address.Remember to put THIN coats on (3 is ok)and let
it dry all the way before you put it together or it will "smear"the chassis
when you reassemble the radio.Be careful and you wont have any problems!

Barry Felstein N8PVX
Using Brad's acct!!!

6488. Re: Need opinion on Bearcat 8500XLT-K Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-08 00:23:51 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <D0HM86.4s@utnetw.utoledo.edu>
Source record: 264661

In Article <snakeD0FBA4.AFq@netcom.com>
snake@netcom.com (Brian Morale) writes:
>jlim@Auspex.COM (Jeff Lim) writes:
>
>
>> I just say an ad for the Bearcat 8500XLT-K Radio Scanner from
>> Communication Electronics for $368.95. Does anyone have any
>> experience with this scanner or Communication Electronics??
>
>> I understand this scanner although skips the 800 band but it
>> can pick it up at 400Khz above the actual. Any thoughts is
>> apr

> This thing is a Dog with a capital D!!Uniden pulled the plug on the piece of
crap due to it's many problems:

HUGE intermod (FM BCB on 800 mhz)Plus a whole lot more!
Images galore(may be a plus at some freqs)
The bizarre Ctcss and alpha numeric deal where only HALF the memories are
able to be used that way.

Don't buy this thing unless you can send it back!!
When will Uniden make a radio that has all the features we want AND is a decent
reciever too!
If you could take the features of the Uniden radios and have the MUCH better RF
performance of the Realistic(the ones made by GRE)radios it would be
unbeatable!
> I've dealt with CE for about 8 years,I've never had a problem with them.

Good Luck!
Barry Felstein,N8PVX
Using Brad's acct!!

6489. Re: Pro 32 Mods

Newsgroup: rec.radio.scanner
Date: 1994-12-08 00:35:31 UTC
From: vmackenz@calvin.stemnet.nf.ca
Message-ID: <3c5kcj$jcv@coranto.ucs.mun.ca>
Source record: 264649

John D. MacNeil (jmacneil@unb.ca) wrote:

: I am interested in any simple (I can clip a diode but am weak with the soldering
: tools) modifications for the Realistic Pro 32. By the way, what's the story with
: this model- it doesn't seem that common but had good coverage and features for
: it's time?

: If there is a FAQ regarding this subject I would appreciate knowing it's location
: as I am a newcomer to the newsgroup

: JMN
: macneilj@nbnet.nb.ca
: (e-mail that works)

I too share your views on the Pro-32 I've dragged mine through hell and
back. I've been looking for a mod as well now for some time and my post
is unanswered as well. I would be happy enough just knowing if the mod
exists. If I come across anything I will surely let you know.

Does anyone else out there own a Pro-32 ?

Regards,
Vince Mackenzie, Firefighter III
Grand Falls - Windsor, Newfoundland, Canada
1994 NFPA Learn Not To Burn Champion

6490. 700MHz Transmition

Newsgroup: rec.radio.scanner
Date: 1994-12-08 00:40:10 UTC
From: Chris Hall <chall@server0>
Message-ID: <Pine.SUN.3.91.941207193908.16249B-100000@server0>
Source record: 264641

I am trying to make a transmitter for the televisions in my house. I am never in my room but I always want to listen to my stereo. MTV doesn't seem to appeal to me. We have TV's all over the house and...

MY IDEA:
I am going to make a low power transmitter to transmit in the upper 700MHz my stereo output so that I can just turn any TV close to me to channer 67 or whatever frequency I can use. Our cablevision stops at 44 other than showtime (68) and I know the sound part of channels something to 69 is 512MHz to 812MHz. It'll be closed captioned (obviously). Does anyone know any specific frequencies of those high channels and does anyone know how to get such a crystal for that frequency? Thanks.

```
------------ ------------ ------------ ------------
chall chal| chall | chall | chall | chall |hall chall
hall chall| @ | @ | @ | @ |chall chal
all chall | jabba | jabba | jabba | jabba | chall cha
ll chall c| . | . | . | . |l chall ch
l chall ch|Cybernetics |Cybernetics | Cybernetics| Cybernetics|ll chall c
chall cha| . | . | . | . |all chall
chall chal| NET | NET | NET | NET |hall chall
~~~~~~~~~~~~ ~~~~~~~~~~~~ ~~~~~~~~~~~~ ~~~~~~~~~~~~
@jabba.Cybernetics.NET @oven.ccds.charlotte.nc.us @pro-charlotte.vnet.net
```

6491. Re: Classic Bearcat Scanner info wanted

Newsgroup: rec.radio.scanner
Date: 1994-12-08 00:41:26 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D0Gv92.K0M@nntpa.cb.att.com>
Source record: 264262
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <1994Dec7.155529.3537@inet.d48.lilly.com>,
Daryl S. Wicker <dwicker@lilly.com> wrote:

>I seem to remember seeing an article posted that contained
>repair information for Electra's scanners. I am needing
>voltage test points for a BC300.....

Last changed: July 12, 1994 |

REPAIR TIPS: BEARCAT SCANNER RADIOS |

Copyright 1993, 1994 by Bob Parnass, AJ9S |

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publications which charge for service without permission of
the author. Free distribution is encouraged.]

Introduction |

The original Bearcat scanner line was manufactured by |
Electra of Cumberland, Indiana. In the mid 1980s, Uniden |
bought out the Bearcat scanner line and Uniden's first |
Bearcat scanner was the 800XLT model. |

Most of the models discussed in this article are |
base/mobile units made by Electra during the 1970s and |
1980s. Electra stamped all of its scanners with a |
manufacturing date code on the rear of the cabinet. The |
code is comprised of a single character (C = Cumberland, |
Indiana, P = Puerto Rico), followed by four digits denoting |
year and week the radio was built. For example, "P8422" |
denotes the radio was made in the Puerto Rico factory |
during the 22nd week of 1984.

Schematics and Parts Available |

Schematic diagrams may be obtained from Uniden/Bearcat's |
parts department, (317)842-2483. |

G & G Communications (telephone 716-768-8151) is a family |
owned company which repairs scanners and stocks parts for |
several older models, especially Electra/Bearcat and |
Regency brands. They are located at 9247 Glenwood Drive, |
LeRoy, NY 14482. |

Electronic Repair Centers in Franklin Park, Illinois | (telephone 708-455-5105) has been repairing Bearcat | scanners for several years. They charge a flat $45 repair | rate for programmable and $30 for crystal scanners, and | shipping is extra. Electronic Repair Centers will fix | Regency scanners if they can obtain the parts. |

Bad Solder Joints Common

Before addressing specific symptoms, circuit boards in the malfunctioning scanner should be inspected for poor solder joints.

The Electra/Bearcat BC350, BC300, BC250, BC220, BC20/20, | BC211, BC210, and BC210XL models were hand assembled, and every one I've serviced had several connections that were either soldered poorly, or not soldered at all.

Resoldering joints on the ribbon cable connecting the RF and keyboard logic circuit boards in a BC250 attenuated the microprocessor/synthesizer hash noise noticeably.

A Bearcat 20/20 was experiencing periodic loss of memory on some, but not all channels. When the problem occurred, the frequencies on some channels would be completely changed. On other channels, the frequency would still be intact, but the channel would be locked out, and the delay toggled from "on" to "off". Some channels were not affected.

The 2 "AA" memory backup batteries, and their holder, tested good. Much time was spent tracing logic, heating and cooling components, and making voltage measurements.

One of the secondary leads from the power transformer was connected to the main circuit board through a hole drilled through foil traces on both the top and bottom sides of the board. A close examination revealed that this lead had been soldered only on the top of the board - the bottom side had never been soldered.

Soldering the lead on both sides of the board solved the memory loss problem. |

Symptom: Blank Display

The BC300 scanner, and several other Bearcat models, employ a switching type power supply stage to generate plus and minus voltages in excess of 20 volts DC. When this switcher fails to function, the display goes blank, but the squelch control appears to work, and white noise can be heard in the speaker.

In two of the BC300 scanners I've fixed, C98, a capacitor in series with the primary of the switching transformer | failed, causing the output of the supply to drop below the |

level needed to power the display. The switching transformer is mounted on the RF circuit board, and is much, much smaller than the main power transformer, which is usually fastened to the metal chassis. The 22uF/16V * capacitor used for C98 in early BC300s was marginal, and was replaced with a 47uF/25V capacitor in later units.

I recently replaced the 22 uF capacitor in the switching power supply stage of a BC210XL which caused the same symptom. Other capacitors in the switcher stage have failed. C114, a 4.7 uF/35V tantalum capacitor failed in at least one BC250, causing the display to blank.

A more sinister problem affects the switcher in earlier models. The switching supply stage in the BC250 and original BC210 is driven by a clock signal derived from a custom Exar NC57902 divider integrated circuit (designated | IC6 in the BC250 scanner). I've seen this divider IC fail in several BC250s, causing a blank display (except for a decimal point in the BC250's rightmost digit). This custom IC is no longer available from Uniden. |

Symptom: Invalid Frequency Displayed

A common Bearcat 250 malady is manifested by an invalid frequency displayed on the readout. This condition is temporarily "cured" by unplugging the AC line cord from the wall, then replugging it. This condition is symptomatic of a power supply problem in which Q204, a Texas Instruments TIP-29 located on the feature circuit board, fails.

A Philips ECG291 will work as a substitute for the TIP-29. | Don't try a Radio Shack substitute, it hasn't worked. See Martin Toomajian's article, "Bearcat 250 Erratic Display Cure", in January 1987 Monitoring Times. *

A similar problem in the Bearcat 20/20 was discussed previously in the section on bad solder joints. |

Symptom: Squelch Won't Eliminate White Noise

Most Uniden/Bearcat base/mobile scanners feature an AUTO squelch position, actuated by rotating the squelch knob fully counter clockwise. The BC350 used a separate pushbutton switch for this purpose. These scanners use a | flimsy potentiometer (designated R81 in BC300s) internally mounted on the RF circuit board, to set the level of signal required to open the squelch when in the AUTO position. This pot also has an effect on the squelch action in the non-AUTO mode, and determines at which point the squelch knob must be positioned in order to silence the radio.

Although the potentiometer is adjusted at the factory, changes in component values due to aging often necessitate readjustment of this internal pot. Misadjustment of this pot has been the cause of "no squelch" complaints in two BC300s and a BC250 I fixed.

Another squelch failure is due to a blown transistor that acts as the electronic switch in the squelch circuit. I replaced this transistor in only one BC300, so I don't know if this is a common problem. |

Symptom: Scanner Completely Dead

In Bearcat scanners using an internal power supply (e.g., BC350, BC250, etc.), the main power transformer is connected directly to the AC line. Since the on/off switch is on the secondary side of the transformer, current flows in the primary as long as the AC line cord is plugged into an active AC outlet. These transformers contain an internal circuit breaker, not visible without unwinding (destroying) the transformer. The internal breaker is known to fail prematurely in a batch of Bearcat power transformers.

If your scanner is completely dead, check the primary of this transformer for an open circuit condition. |

Symptom: Keyboard Bounce

After much use, the Chromerics keyboards in Bearcat scanners start to wear out. The first sign of trouble is usually keyboard bounce on the most frequently used key, | e.g., the MANUAL key. Replacement keyboards are usually available from UNIDEN, but replacement requires dexterity, as one must take care not to tear the flat, flexible strip connecting the keyboard to the logic board. |

Symptom: Keyboard Completely Unresponsive

The keyboard matrix is "scanned" by the microprocessor. Another problem is when none of the keys seems to function; the receiver just keeps scanning in spite of key depressions. I found this condition in a BC210XL scanner owned by a heavy smoker. Perhaps nicotine smoke was to blame, as the resistance between two input port pins on the microprocessor was down to about 1000 ohms, fooling the microprocessor into believing that a key was stuck in the "down" position. Scraping the circuit board between the two pins with an X-Acto knife fixed the problem. |

Other Problems

Complaints of low audio output and occasional microphonics | in a Uniden/Bearcat 800XLT was caused by a bad 47 ufd

electrolytic capacitor in series between the external
speaker jack and audio amplifier.

--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6492. Orgen State Freq.

Newsgroup: rec.radio.scanner
Date: 1994-12-08 00:42:23 UTC
From: Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
Message-ID: <786860222.AA03079@jina.rain.com>
Source record: 264651

On (04 Dec 94) Brad Herring wrote to All...

BH> From: Brad Herring <herring@nps.navy.mil>
BH> Newsgroups: rec.radio.scanner
BH> Organization: Naval Postgraduate School, Monterey, CA

BH> Hello All,
BH> I am looking for the freqs. for the state of Orgen. I can
BH> FTP. I would appereciate any information on how to get these
BH> freqs. e-mail to: herring@nps.navy.mil

BH> THANKS IN ADVANCE
BH> Brad

I think you mean Oregon. There is no state of Oregn. What freq's do you
need? State police?

Josh

Hillsboro, Oregon

```
***************************************************************************
*Joshua Jeffery 1:105/40.79 FIDO Joshua.Jeffery@p79.f40.n105.z1.fidonet.org*
*FIDO/INTERNET Dwight@Industrial.com Jefferyj@Glencoe.hillsborouh.k12.or.us*
* USENET Explorer, Wash. Co. Sheriff's Office *
***************************************************************************
```

... Error! Get the sledge hammer away from me!

6493. Re: FTP site for Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1994-12-08 01:01:13 UTC
From: markme@microsoft.com
Message-ID: <D0Gw63.8no@microsoft.com>
Source record: 264629
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

from the FAQ

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

KD4MOJ maintains a scanner modification server for people without FTP access. You can request a list of scanner modifications by sending electronic mail with the words GET INDEX.TXT to FTPmail@exchange.tlh.fl.us

6494. Re: Pro 2006 Mod

Newsgroup: rec.radio.scanner
Date: 1994-12-08 01:08:36 UTC
From: markme@microsoft.com
Message-ID: <D0GwID.8xK@microsoft.com>
Source record: 264630

From: rats@ihlpm.UUCP

PRO-2006 Modifications

NOTE: The Electronic Communications Privacy Act of 1986 makes it unlawful to monitor mobile telephones, including cellular. The following modification is intended only to restore continuous 760-1300 MHz coverage as originally provided by the design of the PRO-2006 microprocessor.

BE SURE TO TEST YOUR PRO-2006 FULLY BEFORE ATTEMPTING THIS MODIFICATION. ANY MODIFICATION MAY VOID YOUR WARRENTY.

824-851, 869-896 MHz Frequency Restoration

Tools Required: small Phillips screwdriver, small wire cutters.

Procedure: With the power cord unplugged, remove the two rear cabinet screws holding the upper cover. Lift off the upper cover, being careful not to stretch the speaker leads. Examine the inner, right-hand-corner of the front panel to find two glass diodes, labelled D503 (upper diode) and D502 (lower diode).

Using the clippers, very carefully snip the visible lead of the lower diode (D502) at its bend and slightly separate the cut ends. If it is ever necessary to send the radio back for warrenty repair, the diode leads should be carefully resoldered.

Reassemble, plug in AC cord, turn on scanner, and press RESET.

Keyboard Beep Delete

With the top cover removed as described above, locate connector CN3, a 15-pin connector with colored wires at the front of the main circuit board. There are two precedures which will stop the beep tone from being heard through the speaker; read both to decide which procedure you want to follow.

(1) Find the center grey wire coming from CN3 and cut it midway to disable the beep tone. You may wish to solder a resistor in series to reduce the beep volume, a trimpot to vary the volume of the beep tone, or a minature switch to choose between beep and no beep.

(or)

(2) Using a pair of needle-nose pliers, CAREFULLY pry the plug from CN3, revealing a row of pins. Locate the center pin (#8) which corresponds to the grey wire and bend it down flat, disabling the beep circuit.

Reinsert the plug. The pin may be erected again later to restore the
beep tone if desired.

This completes the restoration procedure. Reattach the cover and replace
the screws.

WARRANTY REPAIR

Should it be necessary during the first year of ownership of your new
PRO-2006 to exercise your warrenty, it should be carefully double-boxed
(as you received it) and returned to Grove Enterprises. Be sure to
include a copy of the original bill to establish warranty
privileges.

You must prepay only shipping and insurance; return shipping and
insurance to you will be paid by the dealer.

Grove Enterprises, P.O. Box 98, 140 Dogbranch Road
Brasstown, NC; 1-704-837-9200
==========

pas@jupitercmc.ca (Peter Stokes)
Date: Tue, 27 Oct 1992 18:38:46 GMT
Reply-To: pas@jupiter.ic.cmc.ca
Sender: usenet@venus.ic.cmc.ca (News Administrator)

nguyen@aladdin.eng.hou.compaq.com (Nghia Nguyen) writes:
|>
|> Has anyone tried the Scanning Speed Mod on the PRO-2006.
|> Any side-effect? A guy from Marymac told me the mod
|> increases scanning speed significantly.
|> nvn

There are two diodes behind the "3" key on the keypad.
Clipping one restores cellular, clipping the other
increases scan speed by about 13%. I did this to my
Pro-2006 after the warranty expired and did indeed measure
a 13% scan and search speed increase. I don't think
this has had any adverse effects on the radio although
its theoretically possible that the increased scan speed
might cause the radio to miss some carriers - but this
is purly speculation on my part.

Cheers,
Peter

Peter A. Stokes ~~~~~~~~ pas@jupiter.ic.cmc.ca ~~~~~~~ (613) 545-2923 ~~~~~
~~~~~~

From: thieleke@icaen.uiowa.edu (Jeffrey Ray Thieleke)
Date: Wed, 28 Oct 1992 01:23:09 GMT

horak@convex.com (David Horak) writes:
~~~~~~

>pas@jupitercmc.ca (Peter Stokes) writes:

>>There are two diodes behind the "3" key on the keypad.
>>Clipping one restores cellular, clipping the other
>>increases scan speed by about 13%. I did this to my

>What about the crystal mod. The Pro-2004 and Pro-2005 could be revved up
>with a faster crystal. According to the Scanner Mod Handbook #2 (by Bill
>Cheek), it is theoretically possible to increase the Pro-2006 in the same
>manner, although he warns that he hasn't personally tried it. Since it
>already scans *much* faster than the 2004/5 (Hyperscan) with a 12 MHz
>crystal, he cautions that it may or may not work. HAS ANYONE TRIED A
>CRYSTAL FASTER THAN 12 MHZ IN THE PRO-2006?

Yes, I have done the Crystal mod. I used a 16.630 MHz crystal from an old
cordless phone (no bull), and I got a big speed increase (approx. 46 channels
per second). I tried several different crystals, ranging from 16MHz to 39MHz,
and my results seem to indicate that the highest crystal freq. should be about
18 MHz. If the crystal is too fast, the 2006 just uses the 3rd harmonic (ie
a 39MHz crystal operates like a 13Mhz.)

From: ross@novax.llnl.gov

>>The Scanner Mod Handbook #2 says to replace the 12 MHz crystal with something
>>faster; however, the author, Bill Cheek, says he hasn't actually tried it. I
>>haven't either, although I'd be interested in knowing if it is a successful
>>mod.
>

Well gang, right after I got my Mod handbook 2, I tore into my 2006. At first I
tried a 20 MHz xtal, the processor locked up and not all the LCD display
segments were happy (I had already done the diode clip speed mod). So I tried
an 18 MHz xtal, same problems. I contacted Cheek (the author) and he reported
that 16 MHz was the safe upper limit as he had seen no lockups at that speed
and higher speeds had produced lockups on SOME units.

So I changed xtals again. The 16 MHz runs fine without any loss of sensitivity
and I find enough delay left to still be able to use it (a faster
microprocessor xtal shortens delay time).

My favorite 2006 mod is a wired remote control (Monitoring Times Aug 91 - Bill
Cheek). I added a few extra parts and can control the following functions from
a six foot detachable cord: Scan, Manual, Search up, and Search down. Searching
is a snap when you can't reach the keyboard or it is dark.

Gary

From: IN%"horak@eugene.convex.com" 7-NOV-1992 11:49:43.95
From: horak@eugene.convex.com (David Horak)
Subject: RE: PRO-2006 Scanning Speed Mod.

Well, I changed the crystal in my Pro34, which is the same type of crystal and harder to get to than the 2006; however, I haven't changed the 2006 crystal yet. Some of the following instructions come from the Scanner Mod Handbook Vol. 2 on removing the logic board. Please read it all before doing anything. If you royally screw up your scanner, IT IS NOT MY FAULT!!!!!

Before you start anything, make sure you are at a static safe workstation. Unplug the A/C power cord. Remove the top and bottom covers. Remove the 4 countersunk machine screws from thesides of the front panel, then gently pull the panel away from the main chassis. All wires and cables will have to be disconnected from the top and bottom of the logic board (the board that the crystal is on). This will cause your memory channels to be lost and you will have to reprogram them :-((If you can work around it, you could leave CN-3, a 15 wire connector, connected to save your memories). At this point you may have to desolder a ground wire from the chasses going to the bottom of the logic board metal shield. Next, remove 6 small screws that secure the logic board to the front panel. Then, face the inside of the front panel placed in an upright position and locate the white 13-pin connector (CN-501) at the upper left corner of the board. This connector doesn't have any wires, just metal pins going into it. Gently pry this connector apart with a small flat blade screwdriver and the board should slip away from the plastic front panel and come loose in your hand. Also, you may need to remove the volume and squelch knobs. Desolder the metal shield at six places around the logic board and lift it up and off the board. This is fairly easy to do with a low wattage soldering iron. Apply pressure with your fingers while the shield is heated at each leg. As the solder melts, that leg of the shield will slip upward and pop free. Now there are two choices. If you have an air sucking soldering iron, you can procede to desolder each of the three leads. If you have a normal iron, this will be impossible. The remaining choice is to crush the crystal with a pair of needle-nose pliars until only three leads remain sticking up off the board. Then you can heat and remove each of the three leads. The center lead is ground. You will only use the outer two leads when installing the new crystal. It would be a good idea to insulate the body of the crystal with shrink tubing (whatever you do, don't use electrical tape!) to avoid it shorting out to another component. The crystal will have to be bent over so that the metal shield can fit back on top of the logic board. Before you completely hook everything back together, get the scanner in a usable state and make sure it works. It would be a real bummer to tear it all apart because something is wrong.

Hope this helps,

David

---

alt.radio.scanner
Subject: Pro2005/6 SSB MOD HERE!
From: horak@convex.com (David Horak)

Date: Mon, 31 May 1993 18:04:59 GMT

I had a few requests for this mod so I thought everyone would benefit...

This is the mod for adding SSB capability to your Pro2005/2006. It is taken in part from Bill Cheek's Scanner Mod Handbook Volume 1. As long as you have a shortwave receiver with an external antenna jack and capability to tune to 455 KHz, you can interface it to the Pro2006 with this mod. It is best if you use a static safe work environment to perform this mod and you should have some technical knowledge. Also, a schematic would be helpful but is not necessary.

You will need the following parts:

Output jack (I use a 1/8 mini earphone jack but some like a BNC. The 1/8 mono jack is easier to install because you don't have to drill as big a hole in the back of the unit)

.01 uF capacitor

5 Kohm resistor (1/4 watt)

6 inches of mini coax or other shielded cable

A cable to run from the 2006 to your shortwave. I use the shielded cable that has the 1/8 plug on one end and a phono plug on the other end (1992 catalog Radio Shack P/N 42-2444 works for me). The phono plug is perfect for the antenna input of my DX440 shortwave receiver.

The first step is to remove the cover of the unit and drill a hole in the back of the 2006 for your 1/8 or BNC plug. (You will want to wrap some tape around the drill bit about an inch from the end to keep it from cruising right on into the electronics once it punches through the metal!) Solder the 5K resister to one end of the .01 uF cap. Solder the other end of the cap to the shielded coax wire. Solder the other end of the coax to your 1/8 phono plug (or BNC) and ground the cable at this end. Now that the cable is in place you are ready to connect it to the 455 KHz source which is D33. It is on the top circuit board near the middle left, not too far from a huge capacitor. Solder the end of the resistor to the cathode of D33. (This should be the top of the standup part) Now you can test it out before you put the cover back on to make sure you did everything correct. You should be able to tune to some local airport or CB frequency on your 2006 and receive the same thing on your shortwave (with it tuned to 455 KHz and hooked up to the 2006 of course). If you tune something on your scanner that is SSB, you should be able to switch your shortwave to SSB and tune in the signal just fine. Beware of one thing, since the 2005/6 only tunes in 5 KHz increments minimum, you may notice from time to time that the signal on your shortwave isn't real clear. It may be that you will need to tune the shortwave anywhere from 451 to 459 KHz to tune in the signal well!

If you don't succeed or this description has you baffled you probably shouldn't be doing the mod in the first place. I assume no responsibility for screwups. Good luck

David

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Compiled for garfield.catt.ncsu.edu, world.std.com and other FTP servers by:

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

6495. Re: NFL Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-12-08 01:08:41 UTC
From: newman@netcom.com
Message-ID: <newmanD0GwIH.Byq@netcom.com>
Source record: 264657

In article <NT.Boy-2911940218460001@slip-199-234-232-125.voicenet.com> NT.Boy writes:
>
>They're scrambled.

Couldn't someone figure out how to decrypt them?

6496. Re: scanner laws in Oklahoma and Texas

Newsgroup: rec.radio.scanner
Date: 1994-12-08 01:23:20 UTC
From: newman@netcom.com
Message-ID: <newmanD0Gx6w.D6x@netcom.com>
Source record: 264654

In article <3bi4br$6o6@newsbf01.news.aol.com> jeffpmil@aol.com (JeffPMil) writes:
>Here in Texas - I am not aware of any restrictions and I drive a Jeep with
>several prominent antennas showing in the back. I have a pro-2026.
>
>And no problems....
>
>Be seeing you,
> No. 6
>

Just having an antenna would not be enough to make you suspicious.
How do they know you might not be using CB or HAM. I have seen cars on the
road with dual CB antennas.

6497. Re: WANTED: Mods for the Pro-2025 (Realistic)

Newsgroup: rec.radio.scanner
Date: 1994-12-08 01:25:35 UTC
From: markme@microsoft.com
Message-ID: <D0GxAx.9ww@microsoft.com>
Source record: 264632
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

Here is a review you might find useful on your scanner, I believe you should be able to do the same mods as
a 2006 which I just possed on another thread. Let me know if you can't find it and I'll post again

markme@microsoft

==========

copied from UUCP:
Newsgroups: rec.ham-radio
Subject: Review - The New Radio Shack PRO-2005 Scanner

THE RADIO SHACK PRO-2005 PROGRAMMABLE SCANNER
by Bob Parnass, AJ9S

Manufactured in Japan by General Research Electronics, the Radio Shack PRO-2005 is a 400 channel, wide coverage scanner radio, incorporating NBFM, WBFM, and AM modes. It is the successor to the PRO-2004, the super scanner which put Radio Shack out in front of its competition in the base station scanner market.

The 2005 is basically a 400 channel PRO-2004, built using surface mount components, and housed in a smaller package.

Frequency Coverage

Radio Shack's last minute decision to remove cellular telephone frequency coverage from the PRO-2004 caused a 7 week delay in its introduction. The PRO-2005 appeared in the stores promptly on the heels of the 2004 closeout sale. Both the PRO-2004 and PRO-2005 cover 25-520 and 760-1300 MHz, except for 2 gaps in the cellular telephone bands. The two gaps in the 800 MHz range can be restored in either scanner by clipping a diode.

A matrix of diodes, attached to the microprocessor's input port, is often used to configure radios for sale in different markets. The diode matrix on new the PRO-2005 is located on the vertical circuit board just behind the front panel. There are 2 diodes present, and holes drilled for 2 more.

Lots of Memory

The PRO-2005 has the usual features that scanner buffs have come to expect: individual channel lockouts, selectable rescan delay, an external speaker jack, etc. But, the 400 channel

capacity of the PRO-2005 sets another an industry record, just as the 300 channel PRO- 2004 did! Casual scanner users may scoff at the usefulness of having so many channels, but seasoned monitorists can have those channels filled up in no time flat, especially with frequencies in the vast 225-400 MHz military air band, and other federal government allocations.

With so many channels to program, one dreads the thought of a power failure, which could clear memory in a hurry. Not to worry, the PRO-2005 memory is backed up by a conventional 9 volt alkaline battery (not supplied). The 400 channels are divided into 10 banks of 40 channels each, and one can select or deselect any channel bank from the scan list. Individual channels can be locked out in the customary way, but the PRO-2005 maintains the handy feature introduced in the PRO-2004, a LOCKOUT REVIEW. Successive depressions of this key step through the locked out channels.

Scanners worth their keep have a priority feature, with channel 1 usually designated the priority channel. The PRO-2005 is more flexible; any of the 400 channels may be designated the priority channel. When the PRIORITY key is depressed, that channel will be sampled every 2 seconds, and the radio will stay there if a signal is heard.

The PRO-2005 has two scan speeds, approximately 8 and 16 channels/second, although one would probably use the fas- ter speed in most instances. This is the same speed as the stock PRO-2004, as measured by your reviewer. A diode could be added to the PRO-2004 diode matrix to speed up the scan and search rates by 25%. The provision for extra diodes in the diode matrix makes one hopeful that the same speedup trick can be applied to the newer PRO-2005.

When programming a channel, the PRO-2005 firmware sets the mode automatically, based on its idea of what mode is most prevalent on that frequency. This feature saves extra keystrokes, and makes one appreciate the thought that went into the design of this radio. The default mode can be overridden easily, if need be, like to listen to a NBFM satellite in the 225-400 MHz range, which is mainly populated with AM signals.

Searching

The SEARCH facility found on most programmable scanners allows the entry of a pair of frequencies, then by pressing a key, the radio searches frequencies between those limits. The PRO-2005 allows for 10 pairs of limits! These pairs of limits are stored in their own memory, and don't use up any of the conventional 400 memory channels. One can set up several search pairs, for instance:

- 46.610-46.970 MHz: cordless telephones
- 144-148 MHz: the 2 meter ham band
- 30.01-30.56, 32-33, 36-37 MHz: US Govt

Another unique feature is the MONITOR key, which stops the search and stores the frequency in one of ten special monitor memories. These memories are separate from the 400 main memory channels. The search can be restarted from where it left off by striking the up or down arrow key.

The user can select the search direction (up or down), and step size of 5, 12.5, or 50 kHz, although the PRO- 2005 is intelligent enough to select a default step size based on the frequencies being searched. As on the PRO- 2004, there is a hidden step size of 30 kHz, but apparently this step size was disabled when the cellular telephone frequency coverage was removed.

The selected parameters are displayed on the LCD panel, smaller than the panel in the PRO-2004. Search speed is switchable between slow and fast, with fast search being about 14 increments/second (versus 12 for the Uniden/Bearcat 800XLT). For a 12.5 kHz increment, this translates to 11.2 MHz/minute (versus 9.6 MHz/minute for the 800XLT).

The DIRECT key allows one to start searching up or down from whatever frequency is on the display. Let's say the scanner is in MANUAL mode, and set at channel 26, which contains 460.100 MHz. Striking the DIRECT then UP-ARROW keys starts the PRO-2005 searching upwards from 460.100. This is a nice feature.

The PRO-2005 contains a "window detector" circuit, which is called into play during a SEARCH operation. This circuit tries to detect when the radio is tuned close to the center frequency of a station, and prevents the search from halting prematurely, off to the side of the signal.

The AFC (automatic frequency control) circuit of the Bearcat 800XLT often causes a search of 850 MHz signals to halt prematurely. Even though the signal sounds on frequency, the display reads the wrong frequency. Neither the PRO-2004 nor the PRO-2005 have this problem.

The PRO-2005 includes a SOUND SQUELCH, resembling the VSC circuit on the Icom R-7000, which may be used during scan or search operations. With the the sound squelch enabled, signified by a red lamp above the pushbutton, the scanner will skip over unmodulated signals. This is handy for skipping over "birdies", or link signals with a constant carrier. The manual warns that the sound squelch may be fooled by signals with low modulation, and skip over them. The PRO-2005 SOUND SQUELCH tries to detect the presence or absence of modulation (not human speech), so unfortunately, it thinks that noisy dead carriers, digital data signals, and paging tones are worth monitoring and will stop

the scanner to listen to them.

Taping Facility

A tape recorder can be connected to the TAPE phono jack on the rear panel, which provides 600 mV of audio at a 10,000 ohm impedance. An audio filtering circuit rolls off the high frequency components before they reach the TAPE jack, which makes it impossible to use it for picking off FM subcarrier signals. In addition to a rear mounted external speaker jack, there is a miniature head- phone jack on the front of the scanner.

The PRO-2005 lacks a COR (carrier operated relay) output, like ICOM R7000 and older Bearcat 300 have, which would be useful for actuating a tape recorder.

Basic Performance

To evaluate sensitivity, the PRO-2005 was compared with it's father, the PRO-2004. Since a signal generator was not used, quantitative measurements could not be made. Instead, an Antenna Specialists AV-801 antenna was switched between radios, signals from stations were compared by ear, and the results tabulated.

Simply put, the PRO-2005 proved moderately more sensitive than the PRO-2004 on most bands tested, and just slightly more sensitive on a few bands. The cost one pays for the 2005's increased sensitivity is having to put up with hearing 800 MHz trunked systems and cellular telephone conversations while searching the 118 - 132 MHz commercial aircraft band. The 800 MHz interference was heard only on the 2005, not the 2004. Other than that, intermodulation interference from paging affected both scanners to the same degree, and on the same frequencies.

Although both the 2004 and 2005 can suffer the effects of intermod, they are much more immune than the overly sensitive, image laden Bearcat 800XLT. The PRO-2005 has a 10 dB attenuator, operable by a slide switch on the rear. The up conversion design of both the ICOM R-7000 and Radio Shack PRO-2005 allows use of a very high IF (inter- mediate frequency), which helps avoid image problems. The PRO-2004 owner's manual contains a frequency allocation chart and a section on images. This section appears in the manuals for other Radio Shack models, and was thoughtlessly thrown into the 2005 manual. It babbles on about images being 21.4 MHz away from the real frequency -- true for simpler models, but not so for the PRO-2005.

The audio output quality is good, although the top mounted speaker directs the sound at the ceiling, but adding an external speaker would allow the sound to be directed at the user.

Unfortunately, the audio level of AM signals is somewhat below that of NBFM signals, requiring a different setting of the volume control. When scanning both AM and NBFM modes, one has to find a compromise position of the volume control.

The PRO-2005 squelch control has a wee bit too much hysteresis, a trait inherited from its ancestors. It's like having too much play in a car's steering wheel, or backlash in a gear set. This hysteresis forces one to keep the squelch at a tighter setting, missing weaker signals when scanning or searching. It's not as sloppy as in the early PRO-2004s. I've successfully eliminated this problem completely by replacing a single resistor on the 800XLT, as well as the PRO-2002, PRO-2003, PRO-2004 and PRO-24 scanners.

Mechanical Construction

The PRO-2005 is lighter than the 2004. It is enclosed in a gray plastic cabinet, with a plastic front panel. If one is going to pay $420, one deserves to own some metal, but several stages are internally shielded in their own metal compartments. The entirely plastic cabinet of the older PRO2003 allowed wideband noise to radiate out of the scanner and into nearby shortwave receivers.

The PRO-2005 vertical front panel is an advancement over the sloping panel of the 2004. Now you can stack the scanner on top of other equipment and see the controls without standing up. If sitting directly on a table, two hinged plastic feet, padded with rubber bumpers, can fold out from under the front of the radio to tilt it at a good viewing angle.

There is a single BNC antenna connector on the rear of the PRO-2005, and a single telescoping antenna is supplied.

Internal construction is excellent, and the internal shielding is commendable. Interstage shielding is very important in a wide band receiver, to prevent it from "hearing itself", an undesirable phenomena which results in birdies. The PRO-2005 owner's manual lists the birdie frequencies. The shielding is much better in the PRO- 2005 than in the 800XLT, which uses no shielding around the 800 MHz converter stage, and probably accounts for some of the birdies in the Bearcat.

Frequencies and other indicators are displayed on a backlit LCD (liquid crystal display) panel, and the level of backlighting can be dimmed by a pushbutton switch.

Vision impaired scanner buffs will appreciate the conventional raised rubber keyboard in the PRO-2005, which replaced the flat membrane keyboard in the PRO-2004. Only moderate pressure is required for actuation, and key depressions are confirmed by a mild "beep" audio tone.

The PRO-2005 is the right size to fit under the dashboard of intermediate sized cars. Although it can be operated on 12 VDC, neither a mobile power cord nor mounting bracket are provided. These items were included with earlier, pre-PRO-2004 Radio Shack models. The AC power cord is not detachable, and would have to be bundled up to keep it out of the way in a mobile installation.

Owner's Manual

The user manual is outstanding compared with the fold out sheet furnished with Uniden scanner.

A single page frequency allocations chart is included, but is not current. There is no schematic. Thankfully, detailed service manuals for Radio Shack scanners are usually available for $7.50 or $10.00.

The PRO-2005 is warranted for 1 year, which is reassuring.

What's Missing?

So with all these neat features, what's missing from the PRO-2005? A "search and store" mode, like that on the ICOM R7000 and older Bearcat 250 would have been nice. A lighted keyboard and a signal strength meter would also be welcome, as would a mobile mounting bracket and SCA output jack.

Summary

If all one wants is a scanner to monitor local police and fire, there are certainly cheaper and simpler models than the PRO-2005. This scanner is for those who enjoy actively exploring voice communications in the VHF/UHF spectrum. If you already own a PRO-2004 and have added the diode to expand it to 400 channels, there is little to be gained by purchasing a new PRO-2005 -- unless, of course, you are a passionate scanner collector.

The PRO-2005 has the right features and performance, especially for scanning the wide 225-400 MHz military aircraft band. Good design should not to be taken for granted. GRE engineers used the power of the microprocessor to implement useful features in the PRO-2005. Similar processing horsepower was not used so wisely in the Yaesu FRG-9600.

At about $420, the PRO-2005 provides a good alternative to those not wishing to spend $1050 for an ICOM R7000.

Bob Parnass AJ9S, AT&T Bell Laboratories

6498. Rutgers Newark Police Freqs

Newsgroup: rec.radio.scanner
Date: 1994-12-08 01:30:12 UTC
From: palermo@pegasus.rutgers.edu
Message-ID: <3c5nj4$oom@pegasus.rutgers.edu>
Source record: 264644

Can anyone advise me what freqs Rutgers Newark uses for their police? I monitor their main dispatch channel, 155.685 but was advised by an officer that their

portables have 6 active channels. Thank you

6499. Re: WANTED: Mods for the Pro-2025 (Realistic)

Newsgroup: rec.radio.scanner
Date: 1994-12-08 01:31:14 UTC
From: markme@microsoft.com
Message-ID: <D0GxK4.A79@microsoft.com>
Source record: 264633
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

ok, forgot that last post, I read those numbers a bit too fast!
I did find something on (FTP oak.oakland.edu) dealing with a 2026, don't know how close these
models are...

==========

From: steuer@clam.rutgers.edu (robert Steuer)
Newsgroups: alt.radio.scanner
Subject: PRO-2026 MODS!!!
Message-ID: <Oct.20.10.55.49.1992.11077@clam.rutgers.edu>
Date: 20 Oct 92 14:55:50 GMT
Organization: Rutgers Univ., New Brunswick, N.J.
Lines: 29

Hi all, just got these mods, hot off the FAX!

Note: It is not lawful to monitor cellular or conventional mobile
telephone conversations.

The 2026 has cellular frequencies deleted at the factory, but
restoration is the easiest ever! - clip one marked wire! All you need
is a Philips screwdriver and wire cutters.

1. Turn the scanner upside-down and remove the four side screws
holding the bottom cover in place; pull the cover loose and set it
back about two inches out of the way.

2. Locate the small circuit board at the lower right-hand corner and
find jumper L201. Cut it and slightly separate the break.

3. Reassemble the radio which now has continuous 806-956 MHz coverage
and 30KHz search increments in the cellular band.

*** I have not tried the above mod, but did acquire it from a
commercial radio dealer who is very respectable, so as always, proceed
at your own risk and realize that this will violate your warranty!

Have Fun!
Rob KF2EK

| Robert Steuer Internet: steuer@clam.rutgers.edu |
| Rutgers University Amateur Radio: KF2EK@N3FOA.#EPA.PA.USA.NA |

6500. Re: 2006 help

Newsgroup: rec.radio.scanner
Date: 1994-12-08 02:22:08 UTC
From: mdm30@juts.ccc.amdahl.com
Message-ID: <1994Dec8.032155.14372@ccc.amdahl.com>
Source record: 264665

You can use the scan limit (I reserve scan bank 0) memory for entering a
frequency without using a memory.

Mike

In article <3brolh$pod@mark.ucdavis.edu>, <szhoag@dale.ucdavis.edu> writes:
> Path:
juts.ccc.amdahl.com!amdahl.com!pacbell.com!uop!lll-winken.llnl.gov!sol.ctr.colu
mbia.edu!spool.mu.edu!agate!news.ucdavis.edu!dale!szhoag
> From: szhoag@dale.ucdavis.edu (Phillip Hoag)
> Newsgroups: rec.radio.scanner
> Subject: Re: 2006 help
> Date: 4 Dec 1994 06:47:13 GMT
> Organization: University of California, Davis
> Lines: 14
> Message-ID: <3brolh$pod@mark.ucdavis.edu>
> References: <3boav3$7g1@panix.com>
> NNTP-Posting-Host: dale.ucdavis.edu
> X-Newsreader: TIN [version 1.2 PL2]
>
> Gary M. Glickman (glickman@panix.com) wrote:
> : Is there some way to enter a frequency directly into a RS 2006 without
> : first assigning a channel number? I can't seem to get it!
> : --
>
> Not that I've found. I'd be interested as well...
>
>
==========-->>**88**<<--==========
> * Phillip Hoag, B.A., A.H.T. "Many men go fishing all of their lives
> * EMT-1A, Volunteer Firefighter without knowing that it is not
the fish
> * Yolo Co. Heavy Rescue they are after." Henry David
Thoreau
> * Woodland, CA ->All comments are mine and mine
alone<-
>
==========-->>**88**<<--==========
>

6501. Swiss Radio International

Newsgroup: rec.radio.scanner
Date: 1994-12-08 02:23:00 UTC
From: larry.nebron@pcgfx.com
Message-ID: <e7.13834.2508.0NE7454A@pcgfx.com>
Source record: 264650

HAS ANYONE NOTICED?

Swiss Radio International's Relay in French Guiana has not been carrying regular programs? They have been playing recorded announcements saying the feed from Switzerland to French Guiana has been interrupted! Interrupted for four days now!

There is this great new invention that replaces a satellite feed lose, it's called a TELEPHONE Line.

I wonder if SRI is testing us? Many local stations replace programs they think are unpopular without notice and see if they get any complaints.

Swiss Radio International is the station, common sense forgot!

---
* QMPro 1.52 * Zug is the name of the game

6502. Re: How to shield a PRO-2006?

Newsgroup: rec.radio.scanner
Date: 1994-12-08 02:30:04 UTC
From: mdm30@juts.ccc.amdahl.com
Message-ID: <1994Dec8.033017.18040@ccc.amdahl.com>
Source record: 264667

I bought a small bottle of nickel paint and painted the inside of the case, both top and bottom on the inside. It helped a lot. If you paint the inside of the overlapping area, it will form a good seal and it will also touch the metal all around the back. This only leaves the front panel without shielding. The front panel can be taken apart too, but it is a pain.

Mike

In article <brett_miller.41.000B859E@ccm.hf.intel.com>, <brett_miller@ccm.hf.intel.com> writes:
> Path: juts.ccc.amdahl.com!amdahl.com!amd!netcomsv!netcomsv!ix.netcom.com!howland.reston.ans.net!cs.utexas.edu!asuvax!chnews!ornews.intel.com!ccm.hf.intel.com!brett_miller
> From: brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ)
> Newsgroups: rec.radio.scanner
> Subject: Re: How to shield a PRO-2006?
> Date: Mon, 5 Dec 1994 11:31:14
> Organization: Intel Corp.
> Lines: 16
> Message-ID: <brett_miller.41.000B859E@ccm.hf.intel.com>
> References: <bq2zO44oEMF8kSol06b@cms.uncwil.edu>
> NNTP-Posting-Host: 128.215.210.124
> X-Newsreader: Trumpet for Windows [Version 1.0 Rev A]
>
> In article <bq2zO44oEMF8kSol06b@cms.uncwil.edu> blythe@cms.uncwil.edu (Marshall Blythe) writes:
>
> >If anyone has any ideas for adding RF shielding to the stock plastic PRO-2006
> >case please e-mail me. Perhaps there is an aftermarket metal case available to
> >replace the plastic one. If you know of such a case I'd like to hear from you!
>
> I have seen lots of ideas on this. The most simple method seems to be to get
> some condutive tape - You can get the stuff from hardware stores. I was also
> told pilot shops carry "propeller" tape that is conductive. Cover the top and
> bottom case with the tape and make some connection from case to ground.
>
>
>
> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
> Intel Corp.

> American Fork, UT DoD#1461

6503. Re: What's from 2000-3000 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-12-08 02:57:05 UTC
From: bat@gdstech.grumman.com
Message-ID: <1994Dec8.025705.15883@gdstech.grumman.com>
Source record: 264658

In article <3c00fi$ohn@gnd0.rmc.edu> dtiller@rmc.edu (David Tiller) writes:
>brian varine (varine@ece.orst.edu) wrote:
>
>
>: On 30 Nov 1994, Hiran C. Fernando wrote:
>
>: > Does anyone know what traffic there is between 2000-3000 MHz? Is this
>: > what is called microwave? Almost all the frequency lists I've seen stop
>: > around 2000 MHz.
>: >
>
>: Well, air traffic control radars, telemetry, long range military radars
>: and things like that. I think PCS is pretty close to 2 GHz but I don't
>: think it exceeds it. It is microwave, you oven is around 2.7 GHz. The
>: "proper" term would be SHF (Super High Frequency). Military (Electronic
>: Warfare) is E band. Standard is S band.
>
>Microwave ovens are on 2.450 GHz. That's in the middle of an ISM band.
>(Industrial, Scientific, Medical). There's a ham band up there, from
>about 2304-2450.
>--
>David Tiller | Network Administrator | Voice: (804) 752-3710 |
>dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| Fax: (804) 752-7231 |
> Don't let your SKS get | P.O. Box 5005 | ICBM: 37d 42' 43.75" N |
>"Tainted with Defilement!" | Ashland, Va 23005 | 77d 31' 32.19" W |

Hams have a band at 2304. And there's the MDS three TV channels
at 2156. Also, closed circuit school channels in the ITFS band
nearby. I once built a 2156 Mhz downconverter and watched some
interesting TV signals. -pat
--
--
* Pat Masterson D12-25 | KE2LJ@KC2FD *
* Grumman Data Systems | 516-346-6316. *
* Bethpage, NY 11746 | bat@gdstech.grumman.com *

6504. Indiana Scanner Law

Newsgroup: rec.radio.scanner
Date: 1994-12-08 03:50:56 UTC
From: gianotti@aol.com
Message-ID: <3c5vr0$5v8@newsbf01.news.aol.com>
Source record: 264648

The following is reproduced from Indiana Law:

35-44-3-12 Unlawful use of a police radio; exemptions; "portable police radio" defined
Sec.12. (a) A person who knowingly or intentionally possesses a portable police radio commits unlawful use of a police radio, a Class B misdemeanor.
(b) This section does not apply to:
(1) a governmental entity;
(2) a regularly employed law enforcement officer;
(3) a common carrier of persons for hire whose vehicles are used in emergency service;
(4) a public service or utility company whose vehicles are used in emergency service;
(5) a person who has written permission from the chief executive officer of a law enforcement agency to possess a portable police radio;
(6) a person who holds an amateur radio license issued by the Federal Communications Commission;
(7) a person who uses a portable police radio only in his dwelling or place of business;
(8) a person:
(A) who is regularly engaged in news gathering activities;
(B) who is employed by a newspaper qualified to receive legal advertisements under IC 5-3-1, a wire service, or a licensed commercial or public radio or television station; and
(C) whose name is furnished by his employer to the chief executive officer of a law enforcement agency in the county in which the employer's principal office is located; or
(9) a person engaged in the business of manufacturing or selling portable police radios.
(c) "Portable police radio" means a radio receiving set that is capable of receiving signals transmitted on frequencies assigned by the Federal Communications commission for police emergency purposes and that:
(1) can be installed, maintained, or operated in a vehicle; or
(2) can be operated while it is being carried by an individual.

This term does not include a radio designed for use only in a dwelling. As added by Acts 1977, P.L.342, SEC.1.

6505. Re: Pro-51 Mods? let's squelch the static

Newsgroup: rec.radio.scanner
Date: 1994-12-08 04:23:35 UTC
From: es8m@holmes.acc.Virginia.EDU
Message-ID: <D0H5JB.LIH@murdoch.acc.Virginia.EDU>
Source record: 264646

After date code 7A4 forget it.

6506. Re: VERY BEST DESKTOP SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-12-08 04:53:47 UTC
From: CPCW87A@prodigy.com
Message-ID: <3c63gr$lok@usenetw1.news.prodigy.com>
Source record: 264647

At the price range you have described the closest thing has to be the
RS Pro2006 but then there is that gap between 500 and 700 megs.
I hope someone else comes up with a good answer I'm looking too.

-
KENNETH STELLA ESQ CPCW87A@prodigy.com

6507. pro-2006 tips

Newsgroup: rec.radio.scanner
Date: 1994-12-08 05:28:10 UTC
From: jdark@myhost.subdomain.domain
Message-ID: <3c65ha$8hc@news.halcyon.com>
Source record: 264652

After failing to get the spec manual from RS, does anyone have any undocumented tips on the 2006, ie; pressing certain keys while powering up or somesuch? Thanks for any info.

6508. Re: Indiana Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-12-08 06:11:25 UTC
From: rbd8400@exodus.valpo.edu
Message-ID: <1994Dec8.011125.1@exodus.valpo.edu>
Source record: 264653

Here's the actual text from the Indiana state statutes regarding possession of a portable scanner. If you think that Indiana has strict laws, I understand that police officers in Kentucky have the authority to destroy a scanner on the spot if it's being used in a car at the time of a traffic stop. At least a bill which would have outlawed possession of scanners in my home state of Illinois was withdrawn by the state representative who originally sponsored it. It's good to see that we scanner owners still have some rights in a few places. Happy reading!

Roger Diercks
Valparaiso University
Valparaiso, IN

IC 35-44-3-12 Unlawful use of a police radio; exemptions; "portable police radio" defined

Sec. 12. (a) A person who knowingly or intentionally possesses a portable police radio commits unlawful use of a police radio, a Class B misdemeanor.

(b) This section does not apply to:

(1) a government entity;

(2) a regularly employed law enforcement officer;

(3) a common carrier of persons for hire whose vehicles are used in emergency service;

(4) a public service or utility company whose vehicles are used in emergency service;

(5) a person who has written permission from the chief executive officer of a law enforcement agency to possess a portable police radio;

(6) a person who holds an amateur radio license issued by the Federal Communications Commission;

(7) a person who uses a portable police radio only in his dwelling or place of business;

(8) a person:

(A) who is regularly engaged in newsgathering activities;

(B) who is employed by a newspaper qualified to receive legal advertisements under IC 5-3-1, a wire service, or a licensed commercial or public radio or television station; and

(C) whose name is furnished by his employer to the chief executive officer of a law enforcement agency in the county in which the employer's principal office is located; or

(9) a person engaged in the business of manufacturing or selling portable police radios.

(c) "Portable police radio" means a radio receiving set that is capable of receiving signals transmitted on frequencies assigned by the Federal Communications Commission for police and emergency purposes and that:

(1) can be installed, maintained, or operated in a vehicle; or

(2) can be operated while it is being carried by an individual.

The term does not include a radio designed for use only in a dwelling.
As added by Acts 1977, P.L.342, SEC.1.

Historical Note

Acts 1977, P.L. 342, Sec. 1, eff. Oct. 1, IC 35-44-3-11.
1977, added this section. Acts 1933, c. 66, s. 1.
Acts 1941, c. 87, s. 1.
Formerly: Acts 1972, P.L. 224, SEC. 1.
IC 35-21-1-1. Acts 1977, P.L. 26, SEC. 21.

Cross References

Sentence for Class B misdemeanor, see section 35-50-3-3.

Notes of Decisions

1. In general

This section governing unlawful use of portable police radios does not prohibit possession of a portable police radar detection device.
Wallman v. State, App. 1981, 419 N.E.2d 1346.

2. Notice

Statute governing unlawful use of portable police radios is sufficiently clear and definite to prohibit possession of portable police radios capable of receiving local police radio communications, but does not afford adequate notice to a person of ordinary intelligence that possession of a portable radar detection device violates law.
Wallman v. State, 1981, 419 N.E.2d 1346.

6509. Re: Attach Scanner Out to Phone Line

Newsgroup: rec.radio.scanner
Date: 1994-12-08 07:08:04 UTC
From: "Gregory yea... you can call me Greg" <gregmason@delphi.com>
Message-ID: <Ba12mg0.gregmason@delphi.com>
Source record: 264656

Kenneth J Morrill <kmorrill@brahms.udel.edu> writes:

>I just broke my telephone tape recorder adapter by sending a tape recorder
>signal through the micro jack to try to play a portion of a tape to a
>friend on the other end, even with the switch on play. I am unclear about
>the purpose of the play switch, but I think it is for when one plays back
>the recorded call--because it frees up the record control plug and allows
>the tape player to operate--yes, that is it. This reverse signal attempt
>ruined my unit. I won't try it with my new one.

yikes... im surprised to hear this.... ive used mine in that way more than once
without any ill effect to phone, box, or tape player... wonder what happened.

are you using 48-228A
(ive got it here in front of me now)

its got two male mono jacks branching out of a single wire on one side,
a modular plugged phone wire and a female modular phone jack on the other,
and a slide switch in the middle marked PLAY and RECORD.

Ive used the thing a number of times to play a tape over my phone using a
3v casette player. The scanner idea was an afterthought, but i _have _ done th
that also. Id hate to think you lost a piece of equipment on my advice.

---Greg

6510. Re: Motorola Advisor Software

Newsgroup: rec.radio.scanner
Date: 1994-12-08 07:46:20 UTC
From: mpage@netcom.com
Message-ID: <mpageD0HEx8.9oK@netcom.com>
Source record: 264659

rling@cad3.uccb.ns.ca wrote:
: Looking for Motorola Pager(Advisor)Software.
: Ron

The only place you will find it is from Motorola or a Motorola rep. I am in the market for it too and Motorola has a VERY strict policy about all of their software.

--

Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
MEDIA PAGE
Internet: mpage@netcom.com Breaking Stories to the
CIS: 71674,1610 News Media since 1978

6511. SOLD was Re: Grundig Sat 700 for sale $265 (price adjusted)

Newsgroup: rec.radio.scanner
Date: 1994-12-08 11:52:15 UTC
From: vic@ping.com
Message-ID: <vic.161.2EE6F36F@ping.com>
Source record: 264662
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,misc.forsale,alt.radio.scanner

The radio was sold locally to a netter. Thanks for all the email and offers.

6512. Re: AR8000 Couple of first observations from KE4OI & Ki4je

Newsgroup: rec.radio.scanner
Date: 1994-12-08 12:13:30 UTC
From: <>
Message-ID: <3c6t9a$1jd@news.ping.com>
Source record: 264664
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

In <3c5g58$d17@nntp.crl.com>, Flying Turtle <vhealey@crl.com> writes:
>
>Ke4oi wrote >
>
>>Actually the radio is a little scary at first.
>^^
>Big understatement!! ^^^^^^^^^^^^^^^
>
That message somehow got truncated. Here is some of the rest of it.

What I have noticed so far is :
>Bad
>1. VFO knob sometimes skips a bit and kind of cheap feeling. Has lots of
>popping in USB/LSB/CW modes.

Did not notice this in mine.

>2. Construction quality of the case so - so.
AGREE for this kind of money I expected a ham grade case like better HT's.

>3. Rubber duck sucks big time, and I don't mean signals.

I noticed this within the first ten minutes while driving and looking at it.
Stuck Pro 43 stock antenna on it an signal really jumped. Nice feature of
the rf indicater is you can actual look at the difference the antenna makes
on the same signal.

>4. So So reception on medium wave but adequate for local stuff.
If you are outside. Mine isn't so hot at all sitting in a car with it near
a window.

>5. Bandscope is kinda neat, but it mutes the audio while it goes out and
>checks the adjacent freqs. Haven't really decided how usefull this is.

Haven't looked at this much. Got a few ideas though to try later.

>6. The Auto step setting picks some step sizes that may not be appropriate
>for some freq. ranges. This could be a little confusing to the new user.
>
???? I thought this was a problem in mine since I bought it from Europe.
I don't use auto at all after the first hour when I noticed the radio changing
frequencies seconds after I input them to something else. This is one of the things that
got my blood pressure worked up BIG TIME. Now that I understand somethings inherient in its
design it dosn't bother me a bit any more.
I use expert mode only. The other mode is useless for my purposes.

>Good
>1. Very good keypad
Yes and no. I wonder how long it will be before the lettering on the keys wears off.

>2. Very very good audio quality and quantity for a scanner.
I disagree. I like the audio from a police ht. I like the audio from my ham ht's. I live with the audio with this radio. Every opportunity I connect it
to an amplified speaker of 7 to 10 watts max output. Now that is quanity!

>3. FM broadcast reception quite good, probably would sound good with an
>external speaker.
Agree here.

>4. Good sensitivity in the VHF bands when used with any other duck except
>the one supplied.
I am extremely pleased with it in the vhf uhf and high uhf bands. Few birdies.
How did they do that?

>5. Good selection of accessories.

>6. Respectable SW and Amateur band performance when used with any other
>antenna except the duck. Actually I was suprised that this worked as well as

>it did. My experience with most scanners with SW capability has been dismal.
>This one actually performs very well as a SW receiver.
>7. Excellent Freq. organization tools.
This later is in spades! By the end of the third day of use I can say I love this radio. No previous radio that I am aware of can do the things I can do with this bugger. I have found practical uses for many of its expert mode features that are nothing short of astounding to me. Many agrevations associated with driving and listening to a scanner are gone with this product.
>
>Overall, this radio will probably become the scanners enthusiast's scanner
>until the competition gets on the ball.
>Mike Ellerson
>Manager of Microcomputer Support
>UCNS/Client Services
>University of Georgia
>Telephone 706-542-5359
>E-Mail Mellerso@uga.cc.uga.edu
>KE4RQI
>

Again I agree!

Vic Ki4je

6513. AR8000 (Search funtion)

Newsgroup: rec.radio.scanner
Date: 1994-12-08 12:40:16 UTC
From: <>
Message-ID: <3c6urg$1nf@news.ping.com>
Source record: 264666
Cross-posted to: rec.radio.scanner,alt.radio.scanner

My version of the AR8000 came with all banks pre programed with things
like marine usaf mil air civ air etc. Did yours? Did you check the parameters?

None of the parameters in mine were correct. I have got to conclude that in some
part of the world these may be what are used but we have a completely different allotment
here.

Last night I reprogramed a couple of banks to cover the mil from 138 to 150.50 since I live
close to Dobbins AFB. BINGO within a few minutes I heard a chilling rescue taking place
on 141.3625. I called my favorite radio news station WGST AM and tipped them to
what may be a breaking story. They called back for more information after they found they
could not program this into any of their scanners. By then the story was there had been
a refrigerant leak with six victims. Medic one ambulances were on the scene and the local
goverment Smyrna City had sent rescue 103 to assist the afb fire/crash teams. SMYRNA
actually
came up on that frequency and talked to AFB control regarding additional assistance.

I suggested that WGST contact SMYRNA for information as I didn't want them to
bother the base in a critical moment. Again they called back and said that Smyrna said it
was an exercise. By that time I also was able to determine by the nature of the radio
traffic that it was a very realistic simulation that was going to include the ER
of local hospitals etc. OK no qudos for being the first with a breaking story tonight. :>(
But at least no one was seriously injured. The last one I called in the pilot was died
and the poor fellow at WGST had to stay an extra 3 hours covering the story past
his quiting time.

Now here is a question for someone with a reference book. What is 141.3625
supposed to be used for at Dobbins AFB. I thought the crash trucks were
on 172 something. Does the government jump around to foil scanner users?

Thanks

ki4je

6514. Re: VERY BEST DESKTOP SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-12-08 13:53:58 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3c735m$8it@nntp.crl.com>
Source record: 264668

CPCW87A@prodigy.com (Kenneth Stella esq) wrote:
>
> At the price range you have described the closest thing has to be the
> RS Pro2006 but then there is that gap between 500 and 700 megs.
> I hope someone else comes up with a good answer I'm looking too.
>

I have used them all except the top of the line icom.

After four days of use nothing can beat the AR8000 period.

When you add the cost of features that are built into the AR8000
to a 2006 you will spend far more on the 2006 and still not be able to
do all the neat things the 8000 can do.

A very nice computer interface to the 8000 is $132 or thereabouts.
It is comletely portable so you can hook it to a lap top while
traveling or engaging in counter espionage. The automatic search
and store function works so well that I truely don't believe
that you need a frequency meter to locate an elusive service.
Just common sense and an 8000 and you have them as soon as they transmit.

When I first used the 8000 I was ready to send it back but now
I wouldn't be without one. If you know radio and some radio theory
this is an incredible tool.

ki4je

6515. 1995 Orange Police CAll Books

Newsgroup: rec.radio.scanner
Date: 1994-12-08 13:58:05 UTC
From: robert@eden.com
Message-ID: <3c73dd$6os@boris.eden.com>
Source record: 264669

I just got a notice in the mail of the 95 Orange cover Police Calls books now available. This was from Public Safety Radio Data, 362 Union St, Doylestown, PA 18901 215-230-0331. I called the number and left a message on the answer machine 2 days ago. No return call as of yet. Has anyone seen them at Radio Shack yet? It's 9.95 + 3.50 shipping (add 1.00 for extra books shipped such as Beyond Police Call)

6516. Percom's $29 dollar cdrom

Newsgroup: rec.radio.scanner
Date: 1994-12-08 14:12:57 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3c7499$bkf@nntp.crl.com>
Source record: 264671

I see Bill Cheek raving about the new Percom CDRom is WSR.

Has anyone here bought one and used it?

What do you think about it compared to the data from
Radio Shck in their various call books.

6517. Police jargon

Newsgroup: rec.radio.scanner
Date: 1994-12-08 14:13:30 UTC
From: R3PMP@VM1.CC.UAKRON.EDU
Message-ID: <1708681BAS86.R3PMP@VM1.CC.UAKRON.EDU>
Source record: 264670

If the police codes are standardized throughout the country, could someone please put a translation up.

Thanx,
Pat Prather

6518. Re: Berkeley, Cal. Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-08 14:30:09 UTC
From: newman@netcom.com
Message-ID: <newmanD0HxMA.Bzo@netcom.com>
Source record: 264672

I read one that "trunked" transmissions are supposed to be 100%
private and unscannable. Also, I heard some time back that Sacramento, Ca.,
will eventually go to 800MHz trunked.

6519. WTB: Icom R-1 or BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-08 15:00:08 UTC
From: jeevan@chinook.halcyon.com
Message-ID: <3c771o$7st@news.halcyon.com>
Source record: 264475

Looking to purchase one of these beasts, with cellular if R-1, with or without the mod if BC2500xlt. Email me with your device and the price.
-Zeet

6520. Re: Looking for Worldwide Freq. Info

Newsgroup: rec.radio.scanner
Date: 1994-12-08 15:15:19 UTC
From: scan911@aol.com
Message-ID: <3c77u7$cif@newsbf01.news.aol.com>
Source record: 264673

In article <3c2o8e$ke5@Mars.mcs.com>, jlynch@MCS.COM (John Lynch) writes:

>I'm trying to find a reference that documents frequency allocation around
>the world.

Try the ITU for starters, but you'd probably have to deal with each
individual country. You might also get your hands on a copy of MONITOR
THE WORLD from Scanner Master Books. It might help a little. Available
by calling (800) SCAN-701, or via e-mail at ScanMaster@aol.com

Chuck Gysi, N2DUP
SCAN911@aol.com

6521. BC8500XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-08 15:26:34 UTC
From: jbs@vetmed1.vetmed.ufl.edu
Message-ID: <3c78jb$6rs@no-names.nerdc.ufl.edu>
Source record: 264674

Has anyone found any mods for the BC8500 XLT yet?
Please post or send email.

Thanks,
JON jbs@vetmed1.vetmed.ufl.edu

6522. Re: 1995 Orange Police CAll Books

Newsgroup: rec.radio.scanner
Date: 1994-12-08 15:52:23 UTC
From: CTTH99B@prodigy.com
Message-ID: <3c7a3n$dq0@usenetw1.news.prodigy.com>
Source record: 264476

robert@eden.com (Robert Barker) wrote:
>
>I just got a notice in the mail of the 95 Orange cover Police Calls
books
>now available. This was from Public Safety Radio Data, 362 Union St,
>Doylestown, PA 18901 215-230-0331. I called the number and left a
message
>on the answer machine 2 days ago. No return call as of yet. Has
anyone
>seen them at Radio Shack yet? It's 9.95 + 3.50 shipping (add 1.00 for
>extra books shipped such as Beyond Police Call)
>
>
>
>

Here in Kalamazoo, MI as of yesterday RS still had 1994 on display. In
fact by the looks of it they just got stock in. They had something like
50 or more copies on the shelf.

-
STEVE PHILLIPS CTTH99B@prodigy.com

6523. Re: Percom's $29 dollar cdrom

Newsgroup: rec.radio.scanner
Date: 1994-12-08 16:11:20 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D0I2Ax.1Hp@nntpa.cb.att.com>
Source record: 264477

In article <3c7499$bkf@nntp.crl.com>,
Flying Turtle <vhealey@crl.com> wrote:

> ...the new Percom CDRom .. Has anyone here bought one and used it?

It works fairly well on a 486DX2-66 with 8 MB of RAM
and I think it's a good buy at $29 + shipping.

In general, querying the FCC database, whether on CDROM, floppy,
or microfiche, is an art in itself. You can search for all
licensees with a transmitter location of "Oswego, IL"
but you might miss several dozen entries for Oswego transmitters
which for which the Transmitter City field is blank. That's
more a fault of the FCC data rather than the media.

Many entries specify lat/lon without a transmitter city, and
you must use the lat/lon info if you want to know whether they
are located near you. That's part of the motivation for
inventing RadioMap(TM).

Although the Percon Spectrum CDROM supports several different queries,
you cannot query for stations based on latitude and longitude.
The lat/lon info exists on the CDROM, and you can see it,
but you cannot say "show me all the transmitters within 3 miles
of 41 41 15 N lat and 88 18 33 W lon."

> What do you think about it compared to the data from
> Radio Shck in their various call books.

Both are useful in very different ways. The Police Call books contain
listings for only a small subset of stations you can scan.
It omits business and industrial stations, for instance, and
those are areas I enjoy monitoring. Also missing are transportation and
many aero frequencies, as well as common carrier, telephone repair, etc.

Police Call is great for folks who scan state and local
government stations because it contains information as to *how*
the frequencies are used, and you won't find that on the
Percon or Grove CDROMs. Some of the RCMA folks around
here contribute the usage info to the local Police Call volume.

Police Call and the Grove CDROM (according to Bill Grove) are
purposely seeded with some bogus license info to protect against
copying, but I don't know if that's true with the Percon products.

Of course, the Police Call is inexpensive, and highly portable :-)
I buy Police Call each year and recommend it as the first book

a new hobbyist should get.
--

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6524. Re: Portable Scanner Recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-12-08 16:51:29 UTC
From: richm@on-ramp.ior.com
Message-ID: <3c7dih$729@on-ramp.ior.com>
Source record: 264479

As with all things you get what you pay for, so the "and cheap" part I cannot help with. As for the other recommendation, lay down your cash and get a BearCat 2500 if you can still find one. They are modifieable. To cover the 800 MHz band, the new 3000's will have this band blocked. Dealers are allowed to sell the remaining 2500's but after they're gone they're gone. Act quickly to avoid being limited.

6525. Re: UNlisted Freq's?

Newsgroup: rec.radio.scanner
Date: 1994-12-08 17:41:30 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D0I6H6.2H6@nntpa.cb.att.com>
Source record: 264261
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3c61ap$3m5$3@mhadf.production.compuserve.com>,
Aaron <75232.3232@CompuServe.COM> wrote:

>.......,I was wondering there is a way
>to get frequencies for a Police Department that
>are not listed in any frequncy directories but that
>we KNOW they are using besides their main freqs.

This is one part of the hobby which makes scanning fun -- the hunt for new freqs! Some possibilities I've found by "sleuthing:"

1) They use other, non-police frequencies licensed to the town or county, like road department, tax assessor, electrical department channels. (Like Plainfield (IL) Police and Kendall County Sheriff did).

2) If they use a repeater, they use the output freq for simplex transmissions. (like most agencies do)

3) If they use a repeater, they turn off their PL (CTCSS) and use the input freq for simplex transmissions.

4) They use frequencies for which they have recently applied for or have been granted an FCC license but are too new to appear in current frequency books (happens on a continuing basis).

5) They use Citizens Band (like Kendall County Sheriff did).

6) They use frequencies without benefit of licenses or for which the license expired years ago. (like some PDs in Cook County, IL)

7) They use rented radios on business or SMR frequencies.

8) They use marine frequencies (like the "police" at Santa Fe Speedway in Willow Springs, IL did).

There are many techniques for finding them and you can improvise your own if you tell us how you did it :-)

In the past few years, more and more products are being sold to scanner hobbyists to assist in searching for signals like these.

You could use a portable frequency counter if you can get close enough, or a counter and a beam pointed at a cop :-)

You can leave one of those new Scout counters overnight
in a car parked near the police, powered by the car battery.

If the police use PL and you have a PL decoder on your
scanner, have it search day in and day out for traffic
on other likely frequencies for signals with a matching PL code
and use a tape recorder.

Other tips are found in the attached FAQ.

last changed November 30, 1994 |

HOW DO YOU FIND THESE SCANNER FREQUENCIES?

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in
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the author. Free distribution is encouraged.]

I am often asked, "How do you find these frequencies?"
Scanner enthusiasts can obtain frequency information from
several sources, including books, government microfiche
records, or other listeners.

Books

The most convenient source of fire and police frequencies
is the Police Call Radio Guide, published each year in 9
regional volumes by Hollins Radio Data, and sold at Radio
Shack and larger book stores for under $10. Police Call is
basically a computer printout of FCC license information in
the fire, police, local government, and conservation
services in two lists: by licensee name within state, and
by frequency. Later editions have included a few pages of
local airport and nonsensitive federal government
frequencies.

I highly recommend Richard Barnett's 1992 book, Monitor
America, published by Scanner Master Corp., and available
from Grove Enterprises for about $25. This second edition
is crammed full of police, fire, local government, news
media, sports, national park, and commercial broadcast
frequencies for all 50 states. The information was
compiled mainly from members of the world's largest
scanning club, the Radio Communications Monitoring
Association (RCMA). Monitor America contains detailed
communications system profiles and precinct maps for major
metropolitan areas. Police and fire radio codes and unit
identifiers unique to local agencies are listed for several
cities. This differs from Police Call, which gives a more
sterile, but uniform treatment of licensees, listing even
the smallest of towns.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.

Beyond Police Call, available from several sources including Radio Shack, covers the business, schools, and other stations not covered by Police Call, its sister publication. One volume covers the entire USA, but no call signs are shown.

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide. The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $20. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is the best book in print for this difficult to obtain information.

A more accurate, but smaller and less comprehensive book is Midwest Federal Frequency Directory. It was published in 1986, and copies are getting scarce. Copies may still be available for $10 from Scan America.

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells information on CDROM for $100 | instead. The fields are similar to PerCon's Spectrum CDROM | (see below), but the transmitter and licensee location are | intermixed which makes query results confusing. The first | release has problems with mistakes in the data and | documentation, and I look forward to a new release to | correct these shortcomings.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The new PerCon Spectrum CDROM sells | for $29 and contains a handful of fields for every FCC | license in the US. It works well.

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

As I have already done for dozens of radio enthusiasts in | several states, I will locate FCC licensed and selected FAA | transmitter sites in an area of your choice, and produce a | custom color map. I call this new innovation RadioMap(TM) | service. It allows you to identify antenna sites | (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood,

near your office, at an airport, and other places of | interest -- from VLF through microwave. |

This is completely different from the limited maps | displayed on the Grove Enterprises CDROM. Through a new | licensing arrangement with a professional mapping company, | RadioMap shows detailed streets, railroads, rivers, and | cities. Ham radio stations are not shown as they would | clutter the RadioMap. RadioMap includes key sheets which list frequencies, callsigns, and licensee names. In rural areas, ranges of up to 10 miles are possible, while ranges of 1/2 to 3 miles produce best results in urban cities.

I will produce custom color 8-1/2" by 11" RadioMap reports, | suitable for framing or laminating, for areas in any of the | 50 states. Send $19.95 for each color RadioMap, your name, address, and telephone number, along with center location | (nearest intersection of 2 streets, or latitude & | longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL | 60543. tel. 708-554-3839 6-10 PM central time.

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)1. Only 12 of the 21 information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau", indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'2.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information is marked 'unclassified', but all fields are furnished, including some which indicate security related usage. Grove sold this set of 33 microfiche cards for about $13.

Two way radio equipment formerly used by the armed forces often appears for sale at hamfests. Less often, Secret Service and FBI radios appear there from time to time, too. When you see such equipment, look over the radio for a frequency label and write down the frequencies stamped on

the crystals or channel elements. Make note of any service or property tags which specify the agency or military base which used the equipment.

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

Since the early 1960s, I had been an amateur radio operator, and belonged to amateur radio clubs, but I never realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road
Springfield, OH 45503

Do Your Own Sleuthing

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the

taking - without hassle.

More about sleuthing will be discussed in Part II of this article.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

Part I of this series discussed how scanner enthusiasts can obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

What Makes Station Identification Difficult?

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters. Police and fire departments, especially those with trained radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information.

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find Dymo or P-Touch tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I examined a military manpack radio being used by dispensary paramedics. The radio's tuning dial was set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored personnel carriers at the local county fair, each equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM radio had a set of channel select pushbuttons, much like those in a car radio. I asked a guardsman a few questions about the radio, and he demonstrated the channel preset feature. A panel above the channel pushbuttons was labeled with the frequencies: 32.055, 34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at the Marseilles armory "open house". The public was permitted to climb aboard, and observe the instrumentation and radio gear. A channel plate on the instrument cluster listed over a dozen frequencies.

Hobbyists are urged to exercise a modicum of restraint and good judgement. In New Jersey, a radio technician/hobbyist called to service a transmitter in a county building, noticed a new unattended repeater installation in the same room. Being curious about what frequency this repeater was on, he opened the access door to copy the frequencies from the radio's crystals. It turns out that this radio belonged to the US Secret Service, and opening the access door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's permission to tamper with that equipment.

Another source of frequency information is as close as your nearest Radio Shack store. Some Radio Shack stores make a local frequency list available to assist their scanner customers. Be sure to ask. Stores located in shopping malls almost always know the mall security frequencies. I often check the frequencies programmed into the floor model scanners, too.

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's

"search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the Radio Shack PRO-2035, ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

How Can I Determine To Whom I'm Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot easier for me, and legal for them! (one may use FCC license microfiche, described in Part I of this article, to identify stations using call letters.) Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls. A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center (XYZ is a pseudonym for the actual licensee name.)
Lisle, Illinois

I watched the driver pick up a microphone, and listened to him on my portable scanner checking back with his "base".

All the pieces fit: the "guests", the "classes", the "instructors". Mystery solved; I had been monitoring the customer training center for a large computer manufacturer. The training center has hotel rooms and dining facilities to accommodate students from out of state. As a convenience, shuttle van service is provided to local shopping malls.

Summary

Through books, government records, and radio clubs, scanner listeners can make use of frequency information compiled by others. Two-way radio users often fail to identify their transmissions properly, making it more difficult for listeners to know who they are monitoring. By examining radio equipment labeling, and monitoring and taping transmissions, scanner enthusiasts can unearth new information.

Addresses

Grove Enterprises,
PO Box 98,
140 Dog Branch Road,
Brasstown, NC 28902.
tel (704)837-9200

Official Scanner Guide,
PO Box 712,
Londonderry, NH 03053.

Scan America,
430 Garner Drive,
Suffield, OH 44260-1557

Scanner Master,
PO Box 428,
Newton Highlands, MA 02161.
telephone 1-800-722-6701.

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1. See "The Government Giveth, the Government Taketh Away",
by Richard Prelinger, in Monitoring Times, July 1982.

2. See "AFIO and the FOIA", by Bob Grove, in Monitoring
Times, September 1982.
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6526. Re: Indiana Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-12-08 18:10:00 UTC
From: john.avery@uchoice.com
Message-ID: <1ad.7783.1974@uchoice.com>
Source record: 264486

JKXP> This may not be exactly true, laws may have changed, but
>basically having a scanner in the car or on your person is a no no
>execpt if you are:

JKXP> policeman, fireman, a goverment official, a news reporter, or
> a ham radio operator.

JKXP>Like I said this may not be the exaclt law but it came from a
>law student who was a scanner enthusiast.

I'm an attorney. The above is true. There is also another legal way to have a scanner on your person or in a motor vehicle, that is in the same statute referred to above. Written authority from a chief law enforcement official. Go to your local Sheriff or Chief of Police and request a "Letter Authorizing Police Scanner." If you local police have a policy against granting such authority, go somewhere else. The law does NOT state it must be the chief law enforcement offical where you reside. The current Marion County Sheriff (and probably the newly elected Sheriff that takes office in January) has a policy against granting such permission. I went to a little town and got the chief of police to issue me a letter.
Just remember the consent will expire if the Chief Law Enforcement Officer who signed it leaves office.
Getting a ham license is probably the most trouble free way to have a scanner in your car. Now that you can get one without morse code, they aren't hard to get.
DO NOT have a scanner in your car without some kind of authority. Even if all the frequencies programmed into it are NOT police frequencies. The statute says "a radio CAPABLE of receiving police radio transmissions.." Virtually every cop in a police car has a scanner, so they are all familiar with them. Possession of one illegally is a misdemeanor that goes on your permanent criminal history. If you've never been arrested, you don't have a criminal history. Don't start a criminal history document with a "police radio" arrest.
John

• SLMR 2.1a • Gotta run, the cat's caught in the printer.

6527. Re: Police jargon

Newsgroup: rec.radio.scanner
Date: 1994-12-08 18:51:05 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D0I9p6.3up@freenet.carleton.ca>
Source record: 264483

In a previous posting, Patrick M. Prather (R3PMP@VM1.CC.UAKRON.EDU) writes:
> If the police codes are standardized throughout the country, could someone
> please put a translation up.

Sorry they are not! Each law enforcement agency can set their own codes
either signal codes, 10-Codes or penal code numbers. Of the all the police
forces in my around Ottawa, Canada (Ottawa,Nepean and Gloucester City Police
Forces) The OPP (Ontario Provincial Police Force) The R.C.M.P, the Quebec
Provincial Police as well as the Cities of Aylmer, Hull, Gatineau, Quebec
just across the River from me, as well as the Military Police use their
own ten codes 10 Police Forces 10 different 10 Codes.. Egads!

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

6528. Buy me-2028

Newsgroup: rec.radio.scanner
Date: 1994-12-08 20:34:02 UTC
From: "ADAM_INCH_(aka INCHY!!!)" <G4W5@UNB.CA>
Message-ID: <08DEC94.17892652.0190@UNBVM1.CSD.UNB.CA>
Source record: 264492

Please note to any of you who might be interested in me from the
previous posting it seems that my owner was just a wee bit foolish
and forgot to give me a price. While I would be yours for $200
Canadian <if your in the states just plug into the current exchange
rate!!!...it'sreally that simple:-)>. BTW this price is
negotiable!!! .....Adam Inch
g4w5@unb.ca

6529. Re: VERY BEST DESKTOP SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-12-08 23:17:13 UTC
From: jqtaylor@boi.hp.com
Message-ID: <D0IM0q.79y@boi.hp.com>
Source record: 264487

RC Sharp (rsharp@paul.spu.edu) wrote:

: For a desktop scanner, with the most features, best sensitivity, and
: either comes with no "gaps" or is modifiable, and is available either in
: the states or Canada... under $700,

buy two Pro 2006's - then you can multi-task! think about it...

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MDT = GMT - 6) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 230 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

haiti, rwanda, cuba, bosnia, ... we have a list,
where is our schindler?

6530. Re: 2006 help

Newsgroup: rec.radio.scanner
Date: 1994-12-08 23:20:10 UTC
From: jqtaylor@boi.hp.com
Message-ID: <D0IM5M.7E0@boi.hp.com>
Source record: 264488

Gary M. Glickman (glickman@panix.com) wrote:
: Is there some way to enter a frequency directly into a RS 2006 without
: first assigning a channel number? I can't seem to get it!

yes, but you may want to just set aside channel 1 for this task.
then if you use a timer to turn on the scanner, it 'wakes up'
on the channel you want (lock out 2-39 for this special task).
i suppose you could do a mod so the radio comes on not scanning.

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MDT = GMT - 6) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 230 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

haiti, rwanda, cuba, bosnia, ... we have a list,
where is our schindler?

6531. Re: NOAA weather alert tone?

Newsgroup: rec.radio.scanner
Date: 1994-12-08 23:38:45 UTC
From: jtomason@li.net
Message-ID: <3c85e5$qcf@linet02.li.net>
Source record: 264489

In article <linleyD0BBDt.4tG@netcom.com>, linley@netcom.com (Bruce James Robert Linley) says:
>
>What is the "alert tone" that the NOAA transmits before a severe weather
>warning? I've never heard it. Is it an audible tone or a CTCSS tone? Thanx.

1050hz, according to the NWS office (formerly) in NYC.

****
* :JOE TOMASONE: GOD IS REAL; UNLESS DECLARED INTEGER *
* INTERNET: jtomason@li.net AMPR AX.25: N2MUO@N2BQF.#NLI.NY.USA *
****

6532. Re: pager scanning

Newsgroup: rec.radio.scanner
Date: 1994-12-09 00:16:09 UTC
From: n9315@pnet16.navy.mil
Message-ID: <D0loqy.FtJ@nctams1.uucp>
Source record: 264499

Monitoring common carrier paging services is illegal. I doubt you'll
see the adds mentioned appearing. Check out the ECPA.

****
*Unless otherwise stated, expressed view are my own. They may not be the *
opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.
* *
*Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded) *
*ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil *
****

6533. Re: Indiana Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-12-09 00:29:18 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.941208162641.11457A-100000@holmes.ece.orst.edu>
Source record: 264490

On Thu, 8 Dec 1994, John Avery wrote:

>
> JKXP> This may not be exactly true, laws may have changed, but
> >basically having a scanner in the car or on your person is a no no
> >execpt if you are:
>
> JKXP> policeman, fireman, a goverment official, a news reporter, or
> > a ham radio operator.
>
> JKXP>Like I said this may not be the exaclt law but it came from a
> >law student who was a scanner enthusiast.

Why would a news reporter be allowed to have a scanner and a common citizen not be allowed to have one??? News reporters have absoulutely no connection to public safety. Can reporters help in a natural disaster, NO! And what would prevent me from saying I'm a freelance reporter?

6534. Re: Pro 32 Mods

Newsgroup: rec.radio.scanner
Date: 1994-12-09 01:11:06 UTC
From: pep@tiac.net
Message-ID: <pep-0812942011060001@spi.tiac.net>
Source record: 264491

In article <3c5kcj$jcv@coranto.ucs.mun.ca>, vmackenz@calvin.stemnet.nf.ca (Vince J. MacKenzie) wrote:

> John D. MacNeil (jmacneil@unb.ca) wrote:
>
> : I am interested in any simple (I can clip a diode but am weak with the soldering

> I too share your views on the Pro-32 I've dragged mine through hell and
> back. I've been looking for a mod as well now for some time and my post
> is unanswered as well. I would be happy enough just knowing if the mod
> exists. If I come across anything I will surely let you know.
>
> Does anyone else out there own a Pro-32 ?

Hi is a Pro2032 the same as a Pro-32. I just got a Pro 2032 ($199) and am very happy with it.Good Luck - Peter

.

.

--
Peter Peck "Nothing Ventured, Nothing Gained"
Andover, MA email: pep@tiac.net
(508) 475-8188 Fax(508) 682-2677

6535. Re: VERY BEST DESKTOP SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-12-09 01:16:43 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Dec8.171643.4973@cmkrnl>
Source record: 264500

In article <3c63gr$lok@usenetw1.news.prodigy.com>, CPCW87A@prodigy.com
(Kenneth Stella esq) writes:
> At the price range you have described the closest thing has to be the
> RS Pro2006 but then there is that gap between 500 and 700 megs.
> I hope someone else comes up with a good answer I'm looking too.

You can always buy a TV set to cover the 500-700 MHz range.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

6536. ///

Newsgroup: rec.radio.scanner
Date: 1994-12-09 01:51:00 UTC
From: Marc.Hookerman@f239.n109.z1.fidonet.org
Message-ID: <161_9412090056@blkcat.fidonet.org>
Source record: 264505

TO ALL AMATEUR AND SCANNING RADIO LOVERS! Call this # 314-432-2837.
All new US bbs dedicated to radio. 2400-28800 v.34 USR DS. Give it a
buzz.

Fidonet: Marc Hookerman 1:109/239
Internet: Marc.Hookerman@f239.n109.z1.fidonet.org

6537. Re: Motorola Advisor Software

Newsgroup: rec.radio.scanner
Date: 1994-12-09 02:18:11 UTC
From: kjn@netcom.com
Message-ID: <kjnD0IuEC.104@netcom.com>
Source record: 264493

Thomas J. Kravitz says:
" rling@cad3.uccb.ns.ca wrote:
" : Looking for Motorola Pager(Advisor)Software.
" : Ron

" The only place you will find it is from Motorola or a Motorola rep. I am in
" the market for it too and Motorola has a VERY strict policy about all of their
" software.

Please explain... Is it the paging software that you're looking for? Or
programming software?

I obtained a copy of MessageSoft from my carrier (Mobilemedia) to allow
computer access to the Motorola Advisor... cost about $19.00 if I
remember correctly. The modem dials an 800 number. I type the message.
Zing... message appears on the pager.
--
Ken

6538. The AR8000's computer interface (LONG!)

Newsgroup: rec.radio.scanner
Date: 1994-12-09 04:02:52 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3c8ktc$lha@nntp.crl.com>
Source record: 264494
Cross-posted to: rec.radio.scanner,alt.radio.scanner

First impressions of hooking the AR8000 up to the CU8232 remote control interface.

I finally got around to hooking the AR8000 up to my 486DX clone. This is much neater then I expected. Every moment opens up new discoveries. Right now as I write this it is scanning and every time the squelch opens I get a print out of the signal level and the received frequency as I listen to the local Cobb county trunking radio system. Data on the screen looks like this...
LC1E RF0857737500

LC20 RF0857987500

LC1A RF0856987500

LC23 RF0857737500

LC1E RF0859987500

LC22 RF0860212500

`LC' is the S meter command and the next two digits are the signal level in hex from 00 to 3F. RF is radio frequency and the rest of the digits are the received frequency when the squelch opened. Once executed the LC command repeats data output to the computer while scanning until another command is executed to the AR8000. Can you think of an application for this? Your term program could add the time each time data arrived for a logging function for instance. You could have the computer speak the data plus time to the soundblaster card and you could record that along with the audio on say a stereo tape for surveillance purposes.

I decided to use ProComm Plus for Windows version 2 to communicate with the scanner since it has a fairly powerful script language that interfaces well with windows. PC4W opens up a chat window which I have set as black text on white and a default blue window with white text for the output from the scanner. Both windows can be copied pasted etc. I type or paste commands to the chat window and watch the scanner reply in the term window. The connection is set at 9600 baud. I am not trying to run any script right now since I am testing each of the 40 or so commands to see what each does.

The MR command places the scanner in memory recall mode. You can point to a particular spot in memory. Here is the result when I point to bank c location 18. Mrc18

MXc18 MP0 RF0156150000 ST002500 MD1 AT0 TMSmyr PD

from left to right grouped by space just as the computer sent it...
MX memory store command if issued by me to channel c18

MP pass toggle also known as lockout 0 says it is off a 1 would turn it on if issued MP1

RF the radio frequency stored at this location which is 156.150 MHZ the resolution is down to 50HZ in this scanner.

ST the current step size stored in this channel 2.5 KHZ which is set incorrectly I see. I will
issue just the ST command with a 15 to make that a 15 KHZ step which I would want if I had to move this information into a vfo to tune away from it for related services in this area. ST15. follwed by a MR command gives this.
MXc18 MP0 RF0156150000 ST015000 MD1 AT0 TMSmyr PD
Notice the change that took effect. MR without any parameters will return the values at the last location accessed.

MD is the mode and in this case is NFM=1
0=WFM
1=NFM
2=AM
3=USB
4=LSB
5=CW

AT is the internal attenuator switch for strong signals and it is off for this frequency location. Remember 0= false off etc 1= on true set etc.

TM is the text identifying this memory data and it displays with the frequency when this channel is scanned. It can be up to seven characters and space long. In this case it is Smyrna Police Department =Smyr PD. Entering text from the controls on the scanner is rough but a snap with the computer interface. You can edit any location by merely pointing to it using MR and then updating the text by issuing TM ..text followed by a cr. If I enter more then seven characters after the TM command but before the cr. the scanner truncates it to the left 7 characters and spaces.

I notice that on the computer interface there is an led that lights when data is going to or
coming from the scanner. Nice for checking operation when things aren't working. It didn't work for me until I opened the chat window.

MA causes the scanner to dump the current scan bank. Here is its output for bank c.
MXc01 MP0 RF0856212500 ST002500 MD1 AT0 TMCOBB CO

MXc02 MP0 RF0856737500 ST002500 MD1 AT0 TMCOBB CO

MXc03 MP0 RF0856987500 ST002500 MD1 AT0 TMCOBB CO

MXc04 MP0 RF0857212500 ST002500 MD1 AT0 TMCOBB CO

MXc05 MP0 RF0857737500 ST002500 MD1 AT0 TMCOBB CO

MXc06 MP0 RF0857987500 ST002500 MD1 AT0 TMCobb

MXc07 MP0 RF0858212500 ST002500 MD1 AT0 TMCOBB CO

MXc08 MP1 RF0858737500 ST002500 MD1 AT0 TMCobb

MXc09 MP1 RF0858987500 ST002500 MD1 AT0 TMCobb

MXc10 MP0 RF0859212500 ST002500 MD1 AT0 TMCOBB

MXc11 MP0 RF0859737500 ST002500 MD1 AT0 TMCOBB

MXc12 MP0 RF0859987500 ST002500 MD1 AT0 TMCOBB

MXc13 MP0 RF0860212500 ST002500 MD1 AT0 TMCOBB

MXc14 MP1 RF0860737500 ST002500 MD1 AT0 TMCOBB

MXc15 MP1 RF0860987500 ST002500 MD1 AT0 TMCOBB

MXc16 MP0 RF0141362500 ST012500 MD1 AT0 TMDOBBINS

MXc17 MP1 RF0154160000 ST002500 MD1 AT0 TMSmyr FD

This text I cut and pasted here I also pasted into another window and had winword do a global search and replace of COBB to Cobb COUNTY. I then pasted it back into the terminal with these results from the scanner.

MXc01 MP0 RF0856212500 ST002500 MD1 AT0 TMCobb CO

MXc02 MP0 RF0856737500 ST002500 MD1 AT0 TMCobb CO

MXc03 MP0 RF0856987500 ST002500 MD1 AT0 TMCobb CO

MXc04 MP0 RF0857212500 ST002500 MD1 AT0 TMCobb CO

MXc05 MP0 RF0857737500 ST002500 MD1 AT0 TMCobb CO

MXc06 MP0 RF0857987500 ST002500 MD1 AT0 TMCobb CO

MXc07 MP0 RF0858212500 ST002500 MD1 AT0 TMCobb CO

MXc08 MP0 RF0858737500 ST002500 MD1 AT0 TMCobb CO

MXc09 MP0 RF0858987500 ST002500 MD1 AT0 TMCobb CO

MXc10 MP0 RF0859212500 ST002500 MD1 AT0 TMCobb CO

MXc11 MP0 RF0859737500 ST002500 MD1 AT0 TMCobb CO

MXc12 MP0 RF0859987500 ST002500 MD1 AT0 TMCobb CO

MXc13 MP0 RF0860212500 ST002500 MD1 AT0 TMCobb CO

MXc14 MP0 RF0860737500 ST002500 MD1 AT0 TMCobb CO

MXc15 MP0 RF0860987500 ST002500 MD1 AT0 TMCobb CO

MXc16 MP0 RF0141362500 ST012500 MD1 AT0 TMDOBBINS

MXc17 MP1 RF0154160000 ST002500 MD1 AT0 TMSmyr FD

MXc18 MP0 RF0156150000 ST015000 MD1 AT0 TMSmyr PD

MXc19 MP0 RF0154430000 ST002500 MD1 AT0 TMM FD f1

MXc20 MP0 RF0159090000 ST002500 MD1 AT0 TMM PD f1

MXc21 MP0 RF0155685000 ST002500 MD1 AT0 TMM PD f2

Notice how each line became a separate command to change the memory and it cleaned up what I see when this bank is scanned to Cobb CO, the UNTY was dropped when I feed the data back into the scanner.

6539. Re: NFL Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-12-09 04:10:17 UTC
From: scan911@aol.com
Message-ID: <3c8lb9$o3v@newsbf01.news.aol.com>
Source record: 264495

I have a brochure from the firm that makes these encryption devices for the NFL. Forget it. You can't crack it!

Chuck
SCAN911@aol.com

6540. Re: Rutgers Newark Police Freqs

Newsgroup: rec.radio.scanner
Date: 1994-12-09 04:15:09 UTC
From: scan911@aol.com
Message-ID: <3c8lkd$o5q@newsbf01.news.aol.com>
Source record: 264496

Rutgers PD probably also has 155.775 (I think it's housing); 155.82 (I think that's Rutgers Fire/EMS) and SPEN channels.

Chuck
SCAN911@aol.com

6541. Re: My Christmas list

Newsgroup: rec.radio.scanner
Date: 1994-12-09 05:27:11 UTC
From: timb@xmission.com
Message-ID: <3c8prf$fim@xmission.xmission.com>
Source record: 264497

Brian Seburn (bseburn@vaxxine.com) wrote:

: Dear Santa,

: My name is Christopher Seburn, I am 3 1/2 years old. I have a
: brand new little brother named Bradley that is only 3 weeks old, and
: I love him very much!

: I have been a very good boy this year, and from now until
: Christmas I'm going to be EXTRA good, just in case.

: Some of the things I'm hoping to get for Christmas are:

: - An orange big boys bike (two wheels)
: - "Gator Golf" golf game
: - Some Lego building blocks

: Those are what I'd really like. I'd also like to know if you could
: bring my little brother a few baby toys, he's to small to play with
: most of mine, and I'd like him to have some of his own to be able to
: play with.

: Say hi to Mrs. Claus, and all the Reindeer for me too please.

: Thank You VERY VERY much, and have a safe trip delivering all the
: toys!

: Love Christopher & Bradley Seburn

: X O X O X O X O

GOOOOOD GRIEF!!!!!!!!!

grumble.. grumble.. grumble

--

|> timb@xmission.com |> http://www.xmission.com/~timb/ |>

6542. Lynn MA. FD Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-12-09 05:30:24 UTC
From: Tom McMath <mcmath@delphi.com>
Message-ID: <5o63Gy4.mcmath@delphi.com>
Source record: 264498

does anyoe know if the Lynn Fd. has changed Freqs? any input is welcome.

6543. Re: Pro 32 Mods

Newsgroup: rec.radio.scanner
Date: 1994-12-09 06:35:17 UTC
From: warren@bluesky.com
Message-ID: <3c8tr5$gtl@scratchy.reed.edu>
Source record: 264501

In article <3c5kcj$jcv@coranto.ucs.mun.ca>
vmackenz@calvin.stemnet.nf.ca (Vince J. MacKenzie) writes:

> John D. MacNeil (jmacneil@unb.ca) wrote:
>
> : I am interested in any simple (I can clip a diode but am weak with the soldering
> : tools) modifications for the Realistic Pro 32. By the way, what's the story with
> : this model- it doesn't seem that common but had good coverage and features for
> : it's time?
>
> : If there is a FAQ regarding this subject I would appreciate knowing it's location
> : as I am a newcomer to the newsgroup
>
>
> : JMN
> : macneilj@nbnet.nb.ca
> : (e-mail that works)
>
> I too share your views on the Pro-32 I've dragged mine through hell and
> back. I've been looking for a mod as well now for some time and my post
> is unanswered as well. I would be happy enough just knowing if the mod
> exists. If I come across anything I will surely let you know.
>
> Does anyone else out there own a Pro-32 ?
>
> Regards,
> Vince Mackenzie, Firefighter III
> Grand Falls - Windsor, Newfoundland, Canada
> 1994 NFPA Learn Not To Burn Champion
>

I had a Pro-32. Great radio.

The Pro-32 only scans up to 512 mhz. So the radio doesn't reach the
cellular bands up at 800 mhz. No need for Tandy to include blocking,
so there's no diode to bypass the block. But there is hope.

I gave mine to my dad and included a GRE SuperConverter ($90 from the
usual suppliers, but going fast since their import and manufacture has
been prohibited). It converts the 800 mhz band down to 400 mhz,
within the reach of the Pro-32.

The radio scans in 12.5 mhz steps in this range, but it is still quite
workable for listening. Cell frequencies are spaced 30 mhz apart and
snipping the diode on cell-capable scanners (Pro-37, Pro-43,
Bearcats...) often scan with the correct increment (thanks guys!).

The converter takes its own 9v battery, but I ran wires from the radio up to the it (same voltage, fortunately) and it powered on when I turned on the radio. This way I only needed to plug one dingus in the wall for recharging.

Warren Leach
warren@bluesky.com

6544. [Q] TV to monitor 500-7700 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-12-09 07:02:13 UTC
From: browere@einstein
Message-ID: <3c8vdl$61s@nic-nac.CSU.net>
Source record: 264502

I have read, on more than one occasion, that televisions can be modified to pick up the 500 to 700 MHz range. Is this so, or a wive's tale?
If so, how does one do it? This range happens to be what I am interested in, but would the TV be demodulating WBFM, or the NBFW that I would like to monitor?

Any appropos info. would be greatly appreciated.
Thanks in advance,
Eric

6545. Re: 700MHz Transmition

Newsgroup: rec.radio.scanner
Date: 1994-12-09 07:07:35 UTC
From: mulligan@ACM.ORG
Message-ID: <3c8vnn$kdm@hopper.acm.org>
Source record: 264503

Chris Hall <chall@server0 ?> asked:
> I am trying to make a transmitter for the televisions in my house ...
> Does anyone know any specific frequencies of those high channels ...

Stipulating the requisite warnings about Part 15 compliance, penalties for
CATV interference, the availablity of off-the-shelf TV modulators, etc -

From the FAF - Frequently Asked Frequencies
oak.oakland.edu /pub/hamradio/docs/misc/scanner.faf

Television [73.603]

Ch Range Video Audio

2 54 - 60 55.250 59.750
3 60 - 66 61.250 65.750
4 66 - 72 67.250 71.750
5 76 - 82 77.250 81.750
6 82 - 88 83.250 87.750
7 174 - 180 175.250 179.750
8 180 - 186 181.250 185.750
9 186 - 192 187.250 191.750
10 192 - 198 193.250 197.750
11 198 - 204 199.250 203.750
12 204 - 210 205.250 209.750
13 210 - 216 211.250 215.750
14 470 - 476 471.250 475.750
15 476 - 482 477.250 481.750
.. ... - ... .
68 794 - 800 795.250 799.750
69 800 - 806 801.250 805.750

Note the gaps between chs 4/5, 6/7, and 13/14.
Freqs in the 470-512 MHz range (Ch 14-20) may be assigned to
Public Service mobile use in major metro areas. No transmitters
are allowed on 608-614 MHz (Ch 37).
Each TV channel is 6 MHz wide. The video carrier is 1.25 MHz
above the start of the range. The audio carrier is 0.25 MHz below
the end of the range. Television audio is wideband FM.
Some TV stations may be offset +/- 10 kHz.

Cable TV - Ch MHz
2 - 13 54 - 216 (same as broadcast VHF)
14 - 22 120 - 174 Mid band
23 - 53 216 - 402 Super band

6546. CTCSS?

Newsgroup: rec.radio.scanner
Date: 1994-12-09 07:09:27 UTC
From: Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
Message-ID: <786987951.AA03113@jina.rain.com>
Source record: 264515

On (06 Dec 94) Peter Simpson wrote to All...

PS> From: peter@Thoth.st.3Com.com (Peter Simpson)
PS> Newsgroups: rec.radio.scanner
PS> Organization: 3Com Corporation
PS> Reply-To: peter@Thoth.st.3Com.com

PS> In article ib7@newsbf01.news.aol.com, andycl168@aol.com (AndyCl168) writes:
>In article <3bllcm$rm8@hsc.usc.edu>, bwkwong@hsc.usc.edu (Brian W. Kwong)
>writes:
>
>>Hello...just a couple of questions.
>>
>>What is CTCSS? If I'm able to decode these tones, what then? Who uses
>>CTCSS?
>>
>>Thanks alot people...
>
>CTCSS is a subaudible tone transmitted along with the voice traffic. It
>stands for Continous Tone Carrier Squelch System. In places where many

PS> small point: It's Continuous Tone Coded Subaudible Squelch.

Would there be anyway to maybe get this to work so I could listen to
certain departments in a trunked radio atmosphere?

Josh

```
***************************************************************************
*Joshua Jeffery 1:105/40.79 FIDO Joshua.Jeffery@p79.f40.n105.z1.fidonet.org*
*FIDO/INTERNET Dwight@Industrial.com Jefferyj@Glencoe.hillsborouh.k12.or.us*
* USENET Explorer, Wash. Co. Sheriff's Office *
***************************************************************************
```

... What the heck happened here??!!

6547. Best Antenna ?

Newsgroup: rec.radio.scanner
Date: 1994-12-09 07:14:28 UTC
From: kfisher@freenet.edmonton.ab.ca
Message-ID: <3c904l$pfc@news.sas.ab.ca>
Source record: 264504

Yes our scanners are only as good as the antennas that we have attached to them. I know this is pretty basic but this is why I am searching. I am presently listening to frequencies mostly in the 462 MHz, 413 Mhz and 155 MHz areas,and am looking for a great antenna. I am presently using a antenna cut for 462 Mhz approx. and not being a genious about antennas I am looking for advise on the best antenna to use.

This is for a handheld radio. Thanks.

Kevin Fisher VE6 KEV -- EDMONTON ALBERTA CANADA --

kfisher@freenet.edmonton.ab.ca

6548. Re: Looking for scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-09 07:32:41 UTC
From: julian@kesteven.win-uk.net
Message-ID: <236@kesteven.win-uk.net>
Source record: 264507

In article <3c4tt5$kb5@usenet.ucs.indiana.edu>,
Mike Basinger (dbasinge@nickel.ucs.indiana.edu) writes:
>
>I thinking about asking for a scanner for x-mas, I need some help on
>what to look for.
>
>It would be probably purchased at Radio Shack, so I'm looking at their
>models.
>
>Some questions:
>
>1. What is IF conversion,

Starting with a Radio Frequency (RF) signal, conversion of a signal
at one frequency to one at an Intermediate Frequency (IF), while
(usually :-)) retaining the information therein. After succesive
stages of conversion, the aim is to reach Audio Frequencies (AF)

>and what is the difference between double
>and triple conversion?

an extra stage of conversion. Without going into technicalities,
the main practical benefit of a triple conversion receiver is the
virtual disappearance of "images" of an unwanted frequency
overlaying what you are trying to scan

>
>2. Most of Radio Shack scanner don't carry the 200-400MHz band. Will I
>miss out on much if I get a scanner that doesn't include those
>frequencies?

UHF aircraft band - predominantly military aircraft up there, also
some space shuttle comms use this, also FLTSATCOM (Fleet Satellite
Communications). Military aircraft would be your main reason for
wanting it, IMHO

>
>3. Where are the Weather Service Bands located?

As I remember, somewhere 160-170MHz, but I'm sure someone local to
you can give you precise numbers

Happy hunting,
Julian.

/==\ /================\
| Julian C. Grammer (julian@kesteven.win-uk.net) || (G1EKW) |

Kesteven Communications, London W13, UK		(0) - (0)
+44 (0)181 723 6415 ||	
The views expressed herein are my own.		\ V /
They are also those of the company.		_____/
\==/ \================/

6549. Re: Lynn MA. FD Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-12-09 12:33:28 UTC
From: cobb@hannah.enet.dec.com
Message-ID: <3c9iqo$b2d@mrnews.mro.dec.com>
Source record: 264506

In article <5o63Gy4.mcmath@delphi.com>, Tom McMath <mcmath@delphi.com> says:
>
>does anyoe know if the Lynn Fd. has changed Freqs? any input is welcome.

No, not that I know of. Are they not using 154.415 anymore? The last that I knew, they were using this frequency. There are others they use for fireground, metro nets and such, but the above channel should be their primary.

6550. Re: Motorola Advisor Software

Newsgroup: rec.radio.scanner
Date: 1994-12-09 13:22:29 UTC
From: jkronz@pts.mot.com
Message-ID: <D0Jp5H.B6t@pts.mot.com>
Source record: 264508

Thomas J. Kravitz (mpage@netcom.com) wrote:
: rling@cad3.uccb.ns.ca wrote:
: : Looking for Motorola Pager(Advisor)Software.
: : Ron

: The only place you will find it is from Motorola or a Motorola rep. I am in
: the market for it too and Motorola has a VERY strict policy about all of their
: software.
: --
: ==
: Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
: MEDIA PAGE
: Internet: mpage@netcom.com Breaking Stories to the
: CIS: 71674,1610 News Media since 1978
: ==

6551. Re: Motorola Advisor Software

Newsgroup: rec.radio.scanner
Date: 1994-12-09 13:45:19 UTC
From: jkronz@pts.mot.com
Message-ID: <D0Jq7K.BH2@pts.mot.com>
Source record: 264511

Thomas J. Kravitz (mpage@netcom.com) wrote:
: rling@cad3.uccb.ns.ca wrote:
: : Looking for Motorola Pager(Advisor)Software.
: : Ron

: The only place you will find it is from Motorola or a Motorola rep. I am in
: the market for it too and Motorola has a VERY strict policy about all of their
: software.
: --
: ==
: Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
: MEDIA PAGE
: Internet: mpage@netcom.com Breaking Stories to the
: CIS: 71674,1610 News Media since 1978
: ==

Opps, sorry about that...

Anyways just wondering what you want it for its really nothing special...

-jason

These Are MY opinions and do not reflect those of Motorola Inc.

Jason Kronz |
jkronz@pts.mot.com | (This space intentionally left blank)
N9OFN |
Cyber-Pilot (VFR only) |

6552. Re: RS PRO-2005 cellular mods

Newsgroup: rec.radio.scanner
Date: 1994-12-09 14:15:52 UTC
From: jengh@wsng.candu.aecl.ca
Message-ID: <3c9oqo$j5e@newton.candu.aecl.ca>
Source record: 264509

In article <D0Euny.G31@pts.mot.com>, news@pts.mot.com says:
>
>In all of the posts, I cannot find info on PRO-2005 mods. Do they exist for the cellular band? Please respond via E-mail to kbarrett@pts.mot.com.
>
>thx
>

-=-
Haman Jeng - jengh@wsng.candu.aecl.ca
-=-

6553. Re: RS PRO-2005 cellular mods

Newsgroup: rec.radio.scanner
Date: 1994-12-09 14:19:33 UTC
From: jengh@wsng.candu.aecl.ca
Message-ID: <3c9p1l$j5e@newton.candu.aecl.ca>
Source record: 264510

In article <D0Euny.G31@pts.mot.com>, news@pts.mot.com says:
>
>In all of the posts, I cannot find info on PRO-2005 mods. Do they exist for the cellular band?
>

To restore the 800 frequencies, perform the following steps (I've never tested this out - no guarantees):

Radio Shack PRO-2005 Scanner

1. Unplug the radio
2. Remove the screws and take off the top cover.
3. Look for D502 on the inside right hand-side of the front panel.
(No need to unsolder the silver plate protecting the vertical board!)
4. Simply cut the diode and reverse the process.

-=-
Haman Jeng - jengh@wsng.candu.aecl.ca
-=-

6554. Re: AR8000 (Search funtion)

Newsgroup: rec.radio.scanner
Date: 1994-12-09 14:25:05 UTC
From: guyever@aol.com
Message-ID: <3c9pc1$1gm@newsbf01.news.aol.com>
Source record: 264512

In article <3c6urg$1nf@news.ping.com>, vic@ping.com@ping.ping.com writes:

KI4JE
Saw your posting this AM. We must live pretty close together as I live in Tucker. Just got my AR8000 yesterday and mine seemed to have all kinds of frequencies programed in. I first suspected that EEB had sent me a unit returned by someone else. Who knows, but I feel a little better now with your comments.

Am very pleased with the radio. The audio quality is very surprising. It surpasses the RS 2035 (which I returned), my Yaesu HT and a Yaesu mobile unit. Have not had time to play with it a lot. Maybe this weekend.

Don't know about that Dobbins freq. Monitor Military Air (or at least try to)
but can't be of any help.

Guy KC4NQU

6555. Mods for PRO-2023 scanner? Any hope?

Newsgroup: rec.radio.scanner
Date: 1994-12-09 14:37:04 UTC
From: jengh@wsng.candu.aecl.ca
Message-ID: <3c9q2g$j5e@newton.candu.aecl.ca>
Source record: 264513

I'm hoping that there is a mod for my Radio Shack
PRO-2023 scanner which will enable it to scan the
800+ frequencies. However, I did the usual search
on the FTP sites without any luck.

Anyone who know if there is a mod avail., please
drop me a note (e-mail address below).

Thanks. TTYL.

-=-
Haman Jeng - jengh@wsng.candu.aecl.ca
-=-

6556. Mods needed for R/S 2032

Newsgroup: rec.radio.scanner
Date: 1994-12-09 15:06:16 UTC
From: sdenny@spd.dsccc.com
Message-ID: <3c9rp8$5nn@sun001.dsccc.com>
Source record: 264514

Does anyone know of the mods for the R/S 2032? Are there both freq and channel mods?

Thanks,
Stephen
sdenny@sun004.cpdsc.com

Stephen Denny | sdenny@sun004.cpdsc.com
DSC Communications Corp. |
Plano, TX, USA | **Standard Disclaimer**

6557. Re: Indiana Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-12-09 16:40:01 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3ca1ii$jf7@newshost.lanl.gov>
Source record: 264516

News reporters have a very effective lobby and propaganda machine. They were paying attention when this draconian law was passed and got themselves exempted. You don't have a press card issued by a PD reporters do. In case you haven't been paying attention reporters are much smarter that commoners and really should be running the government at all levels along with most aspects of your personal life. Leaving Indiana seems a reasoable step.

6558. Where to find municipality info

Newsgroup: rec.radio.scanner
Date: 1994-12-09 18:07:54 UTC
From: pace@spk41usace.mil
Message-ID: <3ca6dq$bsq@spk41.usace.mil>
Source record: 264517

Our Police and Sherrif offices use non-standard radio codes -- are these codes documented in
some standard way that I could find in the county library's govt. documents section?

Thanks

6559. Uniden 1-800 phone #?

Newsgroup: rec.radio.scanner
Date: 1994-12-09 18:47:41 UTC
From: zeus@access3.digex.net
Message-ID: <3ca8od$he0@news1.digex.net>
Source record: 264518

Can anyone tell me what the 800 number for Uniden is? Thanks in advance.

Pete

6560. Re: Pro-51 Mods? let's squelch the static

Newsgroup: rec.radio.scanner
Date: 1994-12-09 20:56:06 UTC
From: n9315@pnet16.navy.mil
Message-ID: <D0KA5I.2wE@nctams1.uucp>
Source record: 264229

Did no one else read the mod that someone posted to this group about
two weeks ago? I've tried it on the re-released Pro-51s (two of them),
and it works quite well.

****
*Unless otherwise stated, expressed view are my own. They may not be the *
opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.
* *
*Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded) *
*ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil *
****

6561. Re: BC8500XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-09 20:57:52 UTC
From: andycl168@aol.com
Message-ID: <3cagcg$12u@newsbf02.news.aol.com>
Source record: 264520

>Has anyone found any mods for the BC8500 XLT yet?
>Please post or send email.

The best and most reliable mod is to return the piece of junk and buy
something else.

```
-------------------------------------
| Andrew D. Clark | Is this thing on? |
| clarkan@earlham.edu |-----------------------------------
| andycl168@aol.com | I'm listening |
-------------------------------------------------------------------------
```

6562. Icom R-100 strange behaivor

Newsgroup: rec.radio.scanner
Date: 1994-12-09 21:39:13 UTC
From: ofarrell@bashful.rd.qms.com
Message-ID: <1994Dec9.213913.29504@qms.com>
Source record: 264521

My dad has had an Icom-R100 for about nine months now, and has enjoyed it tremendously. But, about a month ago, it starting doing something strange.

He uses the function that scans a frequency range (I can't remember what Icom calls it). What has started happening is that while scanning, it will stop on some signals, and on others it will not. When it encounters a signal that it doesn't stop on, you can see the s-meter shoot up and hear the signal for a split second, but scanning never stops.

When this happens, you can stop it manually, back up to where the signal was, and, sure enough, there is a signal there that you can receive with no problems.

He returned the unit to Icom (since it was still in warranty). The technician who work on it said he couldn't reproduce the problem, and wrote the following comments:

"Checked radio's scan operation. No problems found. Suspect symptoms due to "intermod" and possible front end overload from strong signals. (Also, check sql setting)"

Has anyone else seen something like this? Any suggestions on something he might try to make this go away?

_/_/_/_/_/_/ _/ _/_/_/ _ John O'Farrell
_/ _/ _/ _/ _ Member of Technical Staff
_/ _/_/ _/_/_/ _/_/_/ _/ _/ _ QMS, Inc.
_/ _/ _/ _/ _/ _/ _/ _/ _/ _ Mobile, AL
_/_/_/ _/_/ _/ _/ _/ _/ _/_/_/ _ ofarrell@qms.com

6563. Re: Attach Scanner Out to Phone Line

Newsgroup: rec.radio.scanner
Date: 1994-12-09 22:08:53 UTC
From: dbaker@tiger1.ocs.lsu.edu
Message-ID: <3cakhl$4c3g@unix1.sncc.lsu.edu>
Source record: 264522

Can this setup be used to play back a recording of a modem session?
I've heard it can be done, but when I try to play the recording into
the line, the modem ignores it. I've tried hitting ath1 and ato0, but
it doesn't seem to show any data on the screen.
Dave

Gregory yea... you can call me Greg (gregmason@delphi.com) wrote:
: Kenneth J Morrill <kmorrill@brahms.udel.edu> writes:
:
: >I just broke my telephone tape recorder adapter by sending a tape recorder
: >signal through the micro jack to try to play a portion of a tape to a
: >friend on the other end, even with the switch on play. I am unclear about
: >the purpose of the play switch, but I think it is for when one plays back
: >the recorded call--because it frees up the record control plug and allows
: >the tape player to operate--yes, that is it. This reverse signal attempt
: >ruined my unit. I won't try it with my new one.
:
: yikes... im surprised to hear this.... ive used mine in that way more than once
: without any ill effect to phone, box, or tape player... wonder what happened.
:
: are you using 48-228A
: (ive got it here in front of me now)
:
: its got two male mono jacks branching out of a single wire on one side,
: a modular plugged phone wire and a female modular phone jack on the other,
: and a slide switch in the middle marked PLAY and RECORD.
:
: Ive used the thing a number of times to play a tape over my phone using a
: 3v casette player. The scanner idea was an afterthought, but i _have _ done th
: that also. Id hate to think you lost a piece of equipment on my advice.
:
: ---Greg

6564. Re: [Q] TV to monitor 500-7700 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-12-09 22:17:28 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3cal1o$1us8@tiger1.ocs.lsu.edu>
Source record: 264524

Isn't that the UHF (ch.18-ch.52) band?
If so, your tv already does,or should pick it up. As for the audio,
I THINK it's WBFM, but it will pick up cellular in the 800mhz range
if your tv is a dial tuned tv and goes up to ch 85 (no longer used
channels 65-85 (?))

Eric B. (browere@einstein) wrote:
: I have read, on more than one occasion, that televisions can be modified to
: pick up the 500 to 700 MHz range. Is this so, or a wive's tale?
: If so, how does one do it? This range happens to be what I am interested
: in, but would the TV be demodulating WBFM, or the NBFW that I would like
: to monitor?

: Any appropos info. would be greatly appreciated.
: Thanks in advance,
: Eric

6565. Re: Looking to start scanning

Newsgroup: rec.radio.scanner
Date: 1994-12-09 22:49:53 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3camuh$9pi$1@mhadg.production.compuserve.com>
Source record: 264523

Look for the RS Pro2030 which was on sale for $159 recently.

6566. Re: VERY BEST DESKTOP SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-12-09 22:53:19 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3can4v$9pi$2@mhadg.production.compuserve.com>
Source record: 264225

Another really good -and compact- base is the Yupiteru MVT-8000! And it's uncensored, too. :-)

6567. Bearcat BC250 - source for obsolete IC's?

Newsgroup: rec.radio.scanner
Date: 1994-12-09 23:29:52 UTC
From: dougb@tc.fluke.COM
Message-ID: <D0KH9w.8qp@tc.fluke.COM>
Source record: 264227

I have a BC250 that died. I've traced the problem
to a special IC that the service manual shows to be
a multifunction part (dual modulus divide by 10/11)
and pre-scalar that only Bearcat made.
Of course, this part has been out of support life
for at least 10 years.

My question: is there any repair shop out there
that might stock the obsolete stuff?

Doug Barker
dougb@tc.fluke.com

6568. Need El Paso, TX freqs

Newsgroup: rec.radio.scanner
Date: 1994-12-10 01:56:10 UTC
From: jmccolm@cabell.vcu.edu
Message-ID: <3cb1rq$fqs@cabell.vcu.edu>
Source record: 264228

I will be visiting El Paso, Texas next week and was hoping someone could provide me with frequencies for the area. Especially interested in Fort Bliss and Border Patrol frequencies. E-mail to jmccolm@cabell.vcu.edu or post here. Thanks in advance!

John McColman
--
+---+
| John C. McColman or jmccolm@cabell.vcu.edu or (804) 828-0311 |
| PO Box 1031, Chesterfield, VA 23832 |
| "Trade freedom for security and you will have neither." |
+---+

6569. Re: Pro 32 Mods

Newsgroup: rec.radio.scanner
Date: 1994-12-10 03:23:06 UTC
From: vmackenz@calvin.stemnet.nf.ca
Message-ID: <3cb6uq$gmj@coranto.ucs.mun.ca>
Source record: 264231

Peter Peck (pep@tiac.net) wrote:
: In article <3c5kcj$jcv@coranto.ucs.mun.ca>, vmackenz@calvin.stemnet.nf.ca
: (Vince J. MacKenzie) wrote:

: > John D. MacNeil (jmacneil@unb.ca) wrote:
: >
: > : I am interested in any simple (I can clip a diode but am weak with the
: soldering

: > I too share your views on the Pro-32 I've dragged mine through hell and
: > back. I've been looking for a mod as well now for some time and my post
: > is unanswered as well. I would be happy enough just knowing if the mod
: > exists. If I come across anything I will surely let you know.
: >
: > Does anyone else out there own a Pro-32 ?

: Hi is a Pro2032 the same as a Pro-32. I just got a Pro 2032 ($199) and am
: very happy with it.Good Luck - Peter

: .

: .

: --
: Peter Peck "Nothing Ventured, Nothing Gained"
: Andover, MA email: pep@tiac.net
: (508) 475-8188 Fax(508) 682-2677

--
Vince Mackenzie, Firefighter III
Grand Falls - Windsor, Newfoundland, Canada
1994 NFPA Learn Not To Burn Champion

6570. Re: 1995 Orange Police CAll Books

Newsgroup: rec.radio.scanner
Date: 1994-12-10 03:31:02 UTC
From: kturner@infi.net
Message-ID: <3cb7dm$m13@lucy.infi.net>
Source record: 264268

Robert Barker (robert@eden.com) wrote:
: I just got a notice in the mail of the 95 Orange cover Police Calls books
: now available. This was from Public Safety Radio Data, 362 Union St,
: Doylestown, PA 18901 215-230-0331. I called the number and left a message
: on the answer machine 2 days ago. No return call as of yet. Has anyone
: seen them at Radio Shack yet? It's 9.95 + 3.50 shipping (add 1.00 for
: extra books shipped such as Beyond Police Call)

In virginia, RS just got the 1995 Police Call today! (I checked in the
order, they are definetly here.).. As opposed to late jan-early feb for the
94's when they came out! :)
Keith Turner
KE4QOL

6571. Yupiteru MVT-7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-12-10 03:57:34 UTC
From: brownell@tigger.jvnc.net
Message-ID: <1994Dec10.035734.13915@tigger.jvnc.net>
Source record: 264230

Brought back recently from Tokyo. Brand new in box unused. I brought back a few for some friends and have this one left over. I also have an english manual.

$550 obo. Offers, queries or insults to vern@brownell.com

--
Vern Brownell Work: vern.brownell@fi.gs.com
Voice: +1 212 902 3471 Home: vern@brownell.com

NN1R{/2, /6Y5} | NRA | '91 Vanagon Syncro Westfalia Camper

6572. Re: 50-54 MHz mod for Bearcat 210XL???

Newsgroup: rec.radio.scanner
Date: 1994-12-10 04:50:46 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D0Kw4n.G3q@nntpa.cb.att.com>
Source record: 264244
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <D0KHut.Gz9@sgb.oau.org>,
Steven Bradley <steven@sgb.oau.org> wrote:

>RBellville (rbellville@aol.com) wrote:
> : Does anyone remember the keypad sequence for the Bearcat 210XL
> : to enable scanning of the 6M ham band?...

>Well, no, I don't have the sequence, but hold down 2, 9
>and either manual or scan (I forget which) and you get the 25
>channels of factory test frequencies loaded (the other clears all)....

The test sequence works with many Uniden-made Bearcat scanners, but
not with the earlier scanners made by Electra.

The 210XL was made around 1981 by Electra's plant in Puerto Rico.
The 210XLT was made about 5 years later in Taiwan after Uniden
bought out the Bearcat scanner line.
--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6573. Scanning on passenger planes

Newsgroup: rec.radio.scanner
Date: 1994-12-10 06:35:46 UTC
From: dctrhappy@aol.com
Message-ID: <3cbi82$dtk@newsbf01.news.aol.com>
Source record: 264232

Is this legal? Is this interesting? What's the easiest way to gather freq's for a trip? Thanks for any replies..! :-)

6574. Re: CTCSS?

Newsgroup: rec.radio.scanner
Date: 1994-12-10 06:53:25 UTC
From: scan911@aol.com
Message-ID: <3cbj95$1i3@newsbf02.news.aol.com>
Source record: 264233

QUOTING from Joshua.Jeffery@p79.f40.n105.z1.fidonet.org (Joshua Jeffery)

>> PS> small point: It's Continuous Tone Coded Subaudible Squelch.

>>Would there be anyway to maybe get this to work so I could listen to
>>certain departments in a trunked radio atmosphere?

You won't find CTCSS on trunked systems (except on the inputs in some rare instances to solve co-channel problems). Everything is controlled by computer; there is no need for CTCSS or DCS or any tone signalling.

```
|
|
--|--
/|\
___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in the
GREATER PHILADELPHIA area!

6575. Re: AOR8000 and RT3800, TR4000?

Newsgroup: rec.radio.scanner
Date: 1994-12-10 07:47:15 UTC
From: petrova@yvax.byu.edu
Message-ID: <1994Dec10.004715.10814@yvax.byu.edu>
Source record: 264235

In article <1994Dec5.145212.10743@yvax.byu.edu>, petrova@yvax.byu.edu writes:
> I am looking for SW reception performances of AOR AR8000 as compared
> with Sony ISF-PRO 80 or other Sony or Grundig receivers.
> When I call ACE and ask about AOR AR8000 they suggested me try Trident
> TR3800. Daes anyone have any opinion(s) or information on Trident TR3800 and
> TR4000 scanners?
> I woul like find some information on TR4000:
> 1. sensitivity,
> 2. selectivity,
> 3. IFs,
> 4. tuning increments,
> 5. VFO control (?),
> 6. who manufactured.

Andrei Petrov petrova@yvax.byu.edu

6576. Summit Of the Americas

Newsgroup: rec.radio.scanner
Date: 1994-12-10 08:15:25 UTC
From: bsherman@sefl.satelnet.org
Message-ID: <3cbo2t$87u@sefl.satelnet.org>
Source record: 264234
Cross-posted to: rec.radio.scanner,alt.radio.scanner

With all of the security and other folks running around with radios,
has anyone come up with any good freqs being used?? I see mostly GE
and Motorola radios being used.

--
bsherman@satelnet.org

6577. Re: Police Scannera

Newsgroup: rec.radio.scanner
Date: 1994-12-10 09:37:03 UTC
From: dra@pipeline.com
Message-ID: <3cbsrv$d1j@pipe2.pipeline.com>
Source record: 264236

In rec.radio.broadcasting
BFPP18A@prodigy.com (Glynn Walden) wrote:

>
>
>The newsroom at KYW informs me that Philadelphia Police
>are moving to an 800 MHz dispatch service. They are
>concerned that they will no longer be able to pick up
>the whole city on their scanners. Is this a cellular
>type system??? The news guys tell me that they have
>done the same in Pittsburgh and possibly Miami,
>however, the cities have made some arrrangement with
>the news media. A telephone to a central receiver
>collection point ????? Anybody with any information??
>-
> WALDENG@kyw.groupw.wec.com
> --or--
> GLYNN WALDEN BFPP18A@prodigy.com

6578. For Sale: RS 2022 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-10 09:58:06 UTC
From: bk321@FreeNet.Carleton.CA
Message-ID: <D0LACu.1Lr@freenet.carleton.ca>
Source record: 264237
Cross-posted to: alt.radio.scanner,rec.radio.scanner

For Sale:

Radio Shack Pro-2022 Scanner

- 200 Channels in 10 banks
- 30-54, 108-174, 380-512, 806-960 MHz Coverage
- Full 800MHz !
- Desktop Model
- 10 Monitor Channels
- Direct frequency search
- Limit frequency search
- 2 second scan delay, selectable for each channel
- channel scan lockout
- priority channel
- DC adaptor for car use
- box, manual
- very clean

I will ship this scanner to anywhere in Canada via C.O.D. Asking $300.
May throw in a cellular magnetic-mount antenna, 3db gain, works extremely
well (even outside cell band), worth $50.

Contact via E-Mail or 613-860-0254

George

6579. AR8000 volume/programing was Re: AR8000 (Search funtion)

Newsgroup: rec.radio.scanner
Date: 1994-12-10 10:56:58 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3cc1hr$8nn@nntp.crl.com>
Source record: 264238
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Maybe I am going deaf in my old age but I don't like the audio
that much as it rattles the case. While eating lunch I had it
sitting on a table in my favorite mexican resturant. A guy FIVE
TABLES AWAY came over and excused himself and asked me about something
he hear on the scanner. He was listening to it! I gues it must have audio.

Possibly you may want to get together sometime to
1. Have a dump of all the frequencies I have programed into mine.
2. See if we can clone yours to celluar. No one has tried it yet
that I know of. I don't think it can be done but Jonathan thinks
it can be.

No need to hurry as I am still programing this thing. I am
trying to figure out the best way of just squirting the data out
of a database into it with little effort on my part. The problem is
I am using a 1991 database and I know some of this stuff is wrong.

You have 20 banks to prgram and some thought must be given to
a logical way to do so also. Scan speed is increased if you also
order the frequencies in the given bank to minimise the shifts
needed by the vco (a minor tech point but if you have a hot rod
you want to max it if possible). This later can be adjusted after
they are fully programed by sucking all the data back out of each bank
and having the IBM PC sort it and then blast it back to the
scanner. Having the text with the frequency is heaven. I used to
have to have a given channel in a given bank to help jog
my memory as to what I was listening to. I compared listening to
the Pro43 and the AR8000 side by side and I noticed I knew faster
what it was with the ar8000 things that i knew and recognized
by heart on the Pro43. A werid feeling at first.

For now I decided to use the bank letters as added nemonics.
In the lower case banks a thru j i did this
a = Atlanta City Hartsfield
b = Gwinnet County Hall County and points fruther east metro.
c = Cobb County and Military AFB
d = Dekalb County
e
f = Fulton County College Park Hapeville Forest Park
g = Georgia State
h
i
j

I haven't really put anything in the top 10 banks A thru J
I feel J should stand for JUNK since that is used by the search
function for auto store if set by the switch.

I propose using one bank to store 25 coded band limits in the format
start freq. text explaing what it is step size mode
and in the nest place up the end frequency adn possibly other data.

Ie TV/Radio i00 F450.000 ST01250 TMTVradio
i01 F451.000 TMtrfRPRT

Gota go...

Ki4je

guyever@aol.com (GuyEVER) wrote:
>
> In article <3c6urg$1nf@news.ping.com>, vic@ping.com@ping.ping.com writes:
>
> KI4JE
> Saw your posting this AM. We must live pretty close together as I live in
> Tucker. Just got my AR8000 yesterday and mine seemed to have all kinds of
> frequencies programed in. I first suspected that EEB had sent me a unit
> returned by someone else. Who knows, but I feel a little better now with
> your comments.
>
> Am very pleased with the radio. The audio quality is very surprising. It
> surpasses the RS 2035 (which I returned), my Yaesu HT and a Yaesu mobile
> unit. Have not had time to play with it a lot. Maybe this weekend.
>
> Don't know about that Dobbins freq. Monitor Military Air (or at least try
> to)
> but can't be of any help.
>
> Guy KC4NQU
>

6580. To ALL THE PEOPLE WITH PRO2032's

Newsgroup: rec.radio.scanner
Date: 1994-12-10 11:33:21 UTC
From: usa@max.tiac.net
Message-ID: <3cc3m1$4eg@sundog.tiac.net>
Source record: 264239

I had one .... I asked Bill Cheeks on his BBS about it .. HE said you
can't mod them at all!!!!! READ BELOW....for another verification.. This
is also on oak.oakland.edu...why do people keep missing it ??
\/\/\/

6581. Re: Mods for Uniden/Bearcat SC150 "Twin Turbo SPORTCAT" ?

Newsgroup: rec.radio.scanner
Date: 1994-12-10 12:41:35 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3cc7lvjav1@mhadg.production.compuserve.com>
Source record: 264241

Nope, no cellular mod, although you can certainly hear stuff on images
from 894.0125 thru 915.6 or so. Or buy a GRE Scanner Converter from Grove
to get the entire band. (You lose just over 3MHz via the "images" trick.)

-Jeff

6582. Re: Need opinion on Bearcat 8500XLT-K Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-10 12:49:39 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3cc853jav2@mhadg.production.compuserve.com>
Source record: 264242
Cross-posted to: alt.radio.scanner,rec.radio.scanner

The BC2500XLT is triple conversion, but it's so poorly designed that you'd think it was a double conversion receiver. <g> The BC3000XLT, due at the very end of this month, will at least have an attenuator button to cut down on intermod. Still, this ain't in the performance class of a GRE.

6583. Re: Portable Scanner Recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-12-10 12:55:20 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3cc8fojav3@mhadg.production.compuserve.com>
Source record: 264243

Wrong, BC2500XLTs made this year are NOT modifiable. Only BC2500XLTs datecoded "OLIC" (12/93) or earlier are modifiable.

-Jeff

6584. Wanted: Yupi MVT-8000

Newsgroup: rec.radio.scanner
Date: 1994-12-10 13:22:49 UTC
From: blangos@wtc34a.DaytonOH.NCR.COM
Message-ID: <2298@wtc34a.DaytonOH.NCR.COM>
Source record: 264254

Looking for a MVT-8000 in good condition.

--
Bruce Langos

Bruce.Langos@wtc34a.DaytonOH.NCR.COM
...!uunet!ncrhub!dayhub!wtc34a!blangos

6585. Address Wanted

Newsgroup: rec.radio.scanner
Date: 1994-12-10 14:27:15 UTC
From: hirst@wff.win-uk.net
Message-ID: <6@wff.win-uk.net>
Source record: 264248

Hi All,

I am trying to find a company called Spytrak Software
Hendon
London

I have a copy of Cellular Comms Analyzer V6.00 Etacs Release 5
which was wrote by them but am trying to get the newest release and
I cannot find them. The software moniters the data channel from
cell sites and display both mobile phone numbers any other software
addresses for similar would be appreciated.

Cheers Chap

6586. Re: The AR8000's computer interface (LONG!)

Newsgroup: rec.radio.scanner
Date: 1994-12-10 14:30:03 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3cce1b$atk@sparc.occ.uky.edu>
Source record: 264245
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Thanks for the information - where did you come up with a cable? Did you buy it or fabricate it?

If you bought the AOR kit, do you get a new battery cover, or do you just leave it off when the cable is connected? Would you describe the software?

If you made the cable - please share the info - source for the connector and pinout.

Thanks.

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

6587. Re: Portable Scanner Recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-12-10 14:43:20 UTC
From: ac871@cfn.cs.dal.ca
Message-ID: <D0LnK9.B14@cs.dal.ca>
Source record: 264247

I've had the Pro-43 for a year or so and thoroughly enjoy it. Even more interesting with the cell-band/30-88Mhz band mod. (Remove D4 and move it to D3 slot to engage both enhancements. This additive for those who may not be aware.)

--

6588. Re: Indiana Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-12-10 14:46:46 UTC
From: dhughes@prairienet.org
Message-ID: <3ccf0m$hqm@vixen.cso.uiuc.edu>
Source record: 264246

>
>Why would a news reporter be allowed to have a scanner and a common
>citizen not be allowed to have one??? News reporters have absoulutely no
>connection to public safety. Can reporters help in a natural disaster,
>NO! And what would prevent me from saying I'm a freelance reporter?
>

Hi Brian,
News reporters DO have special privileges--just try to get into a presidential press conference (or even a college football stadium press box) without the proper credentials.
I'd contact a local smaller radio station and offer my services absolutely free as a spot news reporter. Get the news director to type a letter on the station's letterhead affirming the fact that you are a stringer, and carry the letter in your glove compartment. Phone in a news tip once in a while, and who knows--they may even start paying you on a per-story basis. Good luck! ---Dan

--

6589. BC200

Newsgroup: rec.radio.scanner
Date: 1994-12-10 15:43:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.2563.3415@the-boss.com>
Source record: 264250

TO : snak@netcom.com
Uniden BC200/205 Business Band Restoration

Prior to performing this modification take the following precautions to insure that damage does not occur to any component inside of your Uniden scanner.

A) Try to perform the modification in a low static electricity environment.

B) Avoid wearing wool clothing or walking across a carpet (in low humidity areas) as well as touching your scanner or any component inside the chassis.

Required tools: A small phillips screwdriver and a fine-pointed snipping tool.

MODIFICATION PROCEDURE ----------

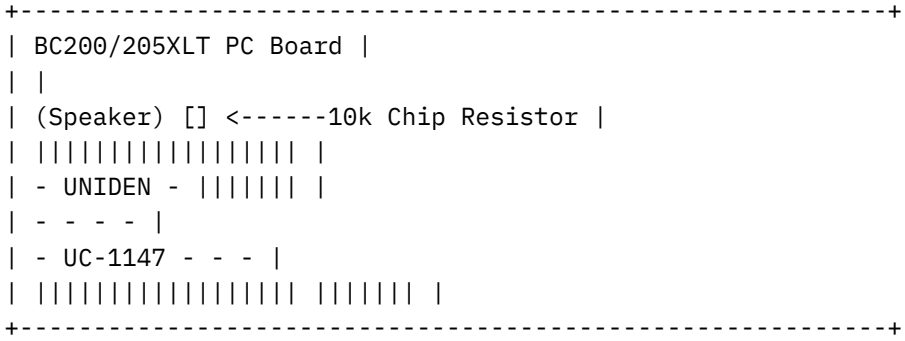
1) Disconnect the antenna and slide off the battery pack from the scanner.

2) Remove the two screws from the back of the scanner plus the two screws that hold the battery pack retaining spring in place as well as the spring itself.

3) Carefully pry the bottom of the rear of the cover from the radio then remove the cover.

4) Locate the two small screws at the base of the circuit board and remove them. Gently pull the front panel from the mainframe at the BASE (the two halves are connected by a plug so their will be some resistance) and separate them.

5) Consult the illustration below and locate the IC labeled "UNIDEN UC-1147" and the 10K chip resistor positioned above the letters "DEN" on the integrated circuit. (The resistor will be color coded brown-black-orange).



6) Using the small wire cutters, cut the resistor in half. (Be careful as the resistor may shatter causing debris to scatter along the PC board). Be

sure to remove all left over residue by blowing or brushing it away. The solder pad that the resistor was soldered to may peel up as you remove the resistor. You may peel the pad off if done carefully not to disturb the surrounding area or components.

7) To reassemble insert the top of the front panel into the slot under the volume/squelch control panel while noticing the alignment of the dual in-line connector at the bottom of the board with the mating socket and finally pressing it (the front panel) in place. Be sure that the holes in the PC board line up with the holes in the plastic standoffs under the board.

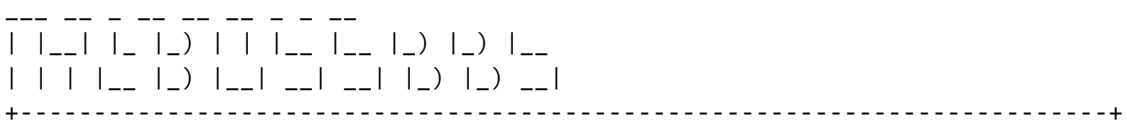
8) Insert the two screws and gently tighten. Replace the back cover by inserting the top of the cover into the slot under the volume/squelch control panel. Press the cover into place, insert and tighten the screws. Replace the battery retaining sprint with the slotted side facing the notched hole. Insert the two remaining screws and gently tighten them. Slide the battery pack into place and switch the scanner on to make sure the display comes on. If not, check that the battery is charged and/or the battery retainer spring is properly mounted or dual in-line connector was misaligned during reassembly. Assuming the modification and the reassembly was successful, switch the scanner on, press manual, 845.0, E and within a couple of seconds you should see the frequency 845.000 MHz displayed. The modification is now complete!

Try it it is very easy to do.....

> dominic.post@the-boss.com <
> f309.n2604.z1.fidonet.org <

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

+---+
Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com



6590. BC200

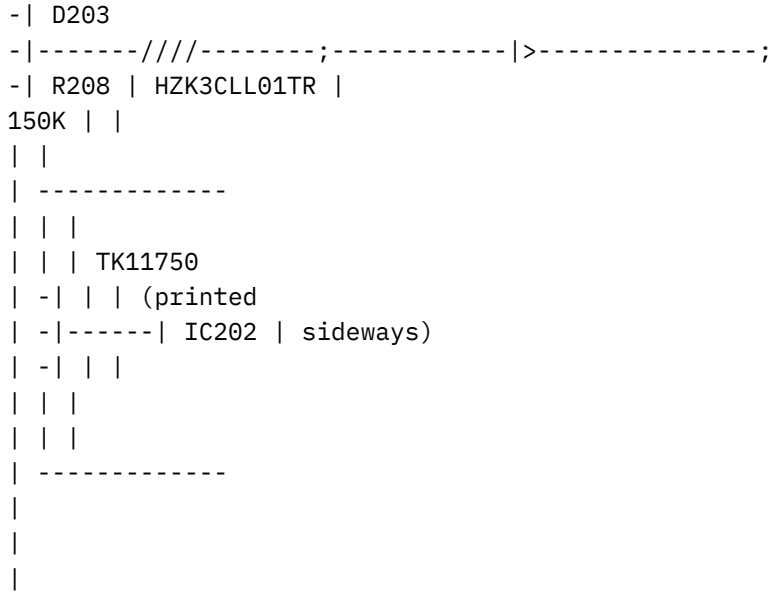
Newsgroup: rec.radio.scanner
Date: 1994-12-10 15:43:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.2564.3415@the-boss.com>
Source record: 264251

snake@netcom.com

BC200XLT SHORT BATTERY LIFE SOLVED
BC200XLT

It turns out that the batteries were not really at fault; a zener diode which determines the voltage at which the low-battery indicator would come on was defective in some units, causing the circuit to actuate prematurely. Replacing that idode and changing the value of an associated resistor provides the answer.

As shown in the accompanying diagram, zener diode D203 and resistor R208 are the parts in question. D203 should be about 7 volts and R208 should be 150,000 ohms. These are miniature surface-mount devices on double- sided circuit board; if your radio is under warranty, attemping this fix yourself will void that warranty.



SHORT CUT
****THIS IS THE ONE TO USE****

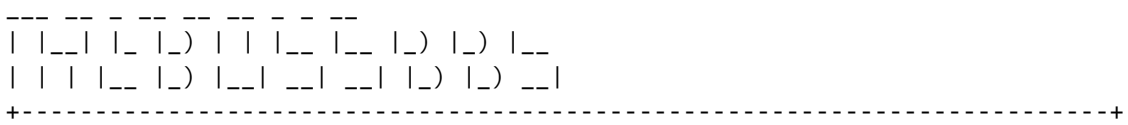
Mark Machcinski of Wyandotte, Michigan, came up with hisw own solution. He simply soldered a wire bridge across diode D203, disabling the low battery indicator entirely. The radio now operates uninterrupted until it blanks out when the abttery level drops to about 4.5 volts.

Yet another suggestions from a Canadian reader would bridge
the original diode with a 6.8K resistor, defeating the
premature recharge signal, yet preventing the battery from
too low a discharge.

> dominic.post@the-boss.com <
> f309.n2604.z1.fidonet.org <

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

+---+
Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com



6591. Re: Uniden 1-800 phone #?

Newsgroup: rec.radio.scanner
Date: 1994-12-10 15:50:03 UTC
From: ghansen164@aol.com
Message-ID: <3ccinb$in3@newsbf01.news.aol.com>
Source record: 264255

In article <3ca8od$he0@news1.digex.net>, zeus@access3.digex.net (The Pete-meister) writes:

Call directory assistance they have it.....

6592. Radio Shack Address?

Newsgroup: rec.radio.scanner
Date: 1994-12-10 16:02:52 UTC
From: valleyj@romulus.housing.fsu.edu
Message-ID: <3ccjfc$gql@mailer.fsu.edu>
Source record: 264249

Does anyone have adress/phone information for the Radio Shack Corporate Offices? I just had a real bad sales droid experience. He even called me a jerk. Maybe it's true, but I need to follow up on this anyway.

--
Jeffrey M. Valley
valleyj@romulus.housing.fsu.edu
valleyj@freenet.fsu.edu

6593. Bearcat 200XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-10 16:57:36 UTC
From: rsharp@paul.spu.edu
Message-ID: <3ccmm0$c41@adam.spu.edu>
Source record: 264252

Works great. 200 channels, handheld, clean, never dropped.
Taking offers.

6594. Re: To ALL THE PEOPLE WITH PRO2032's

Newsgroup: rec.radio.scanner
Date: 1994-12-10 17:08:45 UTC
From: pep@tiac.net
Message-ID: <pep-1012941208450001@spi.tiac.net>
Source record: 264253

In article <3cc3m1$4eg@sundog.tiac.net>, usa@max.tiac.net
(cbmvax.commodore.com) wrote:

>
> well i talked to bill cheek and he said the pro 32 is impossible to
> modifie for the reasons of that it's not capable of recieving the 800 to
> 900 mhz range . just wanted to let all you PRO 32 FANS know about that.
>
> mlyon@eis.calstate.edu

Hi - The Pro 32 and the Pro 2032 must be two different scanners. My Pro
2032 covers
806-823 ; 851-868 ; and 896-960. - Good Luck - Peter

.

--
Peter Peck "Nothing Ventured, Nothing Gained"
Andover, MA email: pep@tiac.net
(508) 475-8188 Fax(508) 682-2677

6595. Query: Williamson County SO, Georgtown, Texas+

Newsgroup: rec.radio.scanner
Date: 1994-12-10 17:39:48 UTC
From: garyposs@bga.com
Message-ID: <3ccp54$18j@giga.bga.com>
Source record: 264256

Recently (the last month or so), the Williamson County Sheriff's Office (154.86 and 154.725 + other) communications has referenced "channel 8".

My question: What frequencies are involved (I do know it is in the 800+ arena)?
Is this part of a trunking system or is it discrete?
I assume it may be scrambled?

Please share what you my know here on rec.radio.scanner.

Thanks.....gary

6596. Re: CTCSS?

Newsgroup: rec.radio.scanner
Date: 1994-12-10 19:05:21 UTC
From: andycl168@aol.com
Message-ID: <3ccu5h$20n@newsbf02.news.aol.com>
Source record: 264257

> >>Hello...just a couple of questions.
> >>
> >>What is CTCSS? If I'm able to decode these tones, what then? Who
uses
> >>CTCSS?
> >>
> >>Thanks alot people...
> >
> >CTCSS is a subaudible tone transmitted along with the voice traffic.
It
> >stands for Continous Tone Carrier Squelch System. In places where many
>
> PS> small point: It's Continuous Tone Coded Subaudible Squelch.
>
>Would there be anyway to maybe get this to work so I could listen to
>certain departments in a trunked radio atmosphere?
>
>Josh

There's always the possiblility that certain departments use diferrent
CTCSS tones to access the repeaters and for the repeaters to access them.
But in most cases, the tone is the same for the whole system (all
channels, all agencies).

____
| Andrew D. Clark | Is this thing on? |
| clarkan@earlham.edu |-------------------------
| andycl168@aol.com | I'm listening. |

6597. Gatlinburg/Pigeon Forge Tn. Freqs Needed

Newsgroup: rec.radio.scanner
Date: 1994-12-10 19:10:10 UTC
From: wwhitby@aol.com
Message-ID: <3ccuei$l6g@newsbf01.news.aol.com>
Source record: 264259

I will be in the Gatlinburg/Pigeon Forge area for three days after Christmas and I plan to take my scanner and 2m/73 cm HT with me. Does anyone know a list of good frequencies for that area?

Warren Whitby
wwhitby@aol.com - Home
wwhitby@mcl.lan.bdm.com - Work
73s de KE4ITL

6598. Bearcat 2500XLT and BCT 2 info wanted.

Newsgroup: rec.radio.scanner
Date: 1994-12-10 19:12:38 UTC
From: jimswitz@ix.netcom.com
Message-ID: <3ccuj6$gvo@ixnews2.ix.netcom.com>
Source record: 264258

Hi All,
Damark currently has the Bearcat 2500XLT scanner available
both refurbished ($400) and new ($450). Since I'm not familiar with
it, any advice is appreciated.
Is it a worthwhile unit? What frequency ranges (as exactly
as possible) does it handle? The ad isn't very clear. Is the
handheld range decent? Is battery life ok? Spare batteries
available? Does it receive all 800/900 MHz freqs, or can it be
fixed?
I'd appreciate any input; thanks a lot!
Regards,
Jim

P.S. They're also advertising the Bearcat BCT 2 state-by-state
highway patrol scanner. Anyone familiar with this box?

--

Jim Switz "We've just screwed all these people"
2435 Tamalpais St. - Hillary Bullshit Clinton
Mountain View, CA 94043-4129 January 21, 1993

Ph: 415/968-3356 "Don't ... stop ... thinking about impeachment!"
Fax: 415/968-7369 Revised Administration theme song - Nov. 8, 1994

Internet: jimswitz@ix.netcom.com Had Enough? Vote Libertarian!
CompuServe: 71652,2707 1-800-682-1776 for info

6599. Re: Radio Shack Address?

Newsgroup: rec.radio.scanner
Date: 1994-12-10 19:25:07 UTC
From: jmccolm@cabell.vcu.edu
Message-ID: <3ccvaj$ns5@cabell.vcu.edu>
Source record: 264260

valleyj@romulus.housing.fsu.edu (Jeff Valley) writes:

>Does anyone have adress/phone information for the Radio Shack Corporate
>Offices? I just had a real bad sales droid experience. He even called
>me a jerk. Maybe it's true, but I need to follow up on this anyway.

Corporate headquarter's address is:

Tandy Corporation
One Tandy Center
Fort Worth, TX 76102

(817) 390-3700

If you want quick action, speak to the district manager.

John McColman
N4RVR

--
+---+
| John C. McColman or jmccolm@cabell.vcu.edu or (804) 828-0311 |
| PO Box 1031, Chesterfield, VA 23832 |
| "Trade freedom for security and you will have neither." |
+---+

6600. Portable Scanner Recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-12-10 20:15:39 UTC
From: Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
Message-ID: <787117546.AA03192@jina.rain.com>
Source record: 264434

On (07 Dec 94) jdangel wrote to All...

j > From: jdangel@denali.ccs.neu.edu
j > Newsgroups: rec.radio.scanner
j > Organization: Northeastern University - College of Computer Science
j > Reply-To: jdangel@denali.ccs.neu.edu

j > I want to get a portable (handheld) scanner that can receive:

j > - Air band
j > - 800mhz (cellular has to be restorable)

j > And the big one: Cheap.

j > I have seen adds for the Realistic stuff. I owned a Pro2004
j > for a long time and loved it. Are their handhelds as good?

Yes, they're pretty good, if you like dealing with Rat Shack <G>

Seriously, though. The PRO-46 is a good scanner. It's restorable, with
800 MHz public saftey, and civilain air craft band. No Military air.
It's a 100 channels. You ought to be able to pick one up for about
$180.00 on sale.

Josh

```
***************************************************************************
*Joshua Jeffery 1:105/40.79 FIDO Joshua.Jeffery@p79.f40.n105.z1.fidonet.org*
*FIDO/INTERNET Dwight@Industrial.com Jefferyj@Glencoe.hillsborouh.k12.or.us*
* USENET Explorer, Wash. Co. Sheriff's Office *
***************************************************************************
```

... What's that? it's an automatic? oh well...

6601. Police jargon

Newsgroup: rec.radio.scanner
Date: 1994-12-10 20:17:23 UTC
From: Joshua.Jeffery@p79.f40.n105.z1.fidonet.org
Message-ID: <787117546.AA03193@jina.rain.com>
Source record: 264435

On (08 Dec 94) Patrick M. Prather wrote to All...

PM> From: R3PMP@VM1.CC.UAKRON.EDU (Patrick M. Prather)
PM> Newsgroups: rec.radio.scanner
PM> Organization: The University of Akron

PM> If the police codes are standardized throughout the country, could someone
PM> please put a translation up.

What do you mean exactly, codes? Jargon is usually the same, radio
codes like 10-21 differ from county to county, state to state. I know
both, so if you clarify, I can give you the Jargon, and our radio codes.
Is there any jargon that you specifically would like?

Josh

```
*****************************************************************************
*Joshua Jeffery 1:105/40.79 FIDO Joshua.Jeffery@p79.f40.n105.z1.fidonet.org*
*FIDO/INTERNET Dwight@Industrial.com Jefferyj@Glencoe.hillsborouh.k12.or.us*
* USENET Explorer, Wash. Co. Sheriff's Office *
*****************************************************************************
```

... When in doubt..... Empty your magazine!

6602. Help me, I'm desperate!

Newsgroup: rec.radio.scanner
Date: 1994-12-10 21:35:03 UTC
From: adamatt@aol.com
Message-ID: <3cd6u7$bar@newsbf01.news.aol.com>
Source record: 264263

To: ANYBODY!!

I'm looking for a scanner antenna. It's an antenna that goes entirely inside an attic. I've heard from a couple of people that it does exist, so ther really is such a thing. Okay--> Here it is. This thing is supposed to be custom built to fit inside your attic. It's also supposed to line the ridges of your roof so that it turns you entire roof into a huge receiver. If anyone has any type of information, or has heard of anything like this, please let me know. I'd love to be able to get in touch with a company or person or store that makes this.

Thanks a
lot,

Adam Ohren

AdaMatt@aol.com

6603. Re: The AR8000's computer interface (LONG!)

Newsgroup: rec.radio.scanner
Date: 1994-12-10 21:49:47 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3cd7pr$ap0@nntp.crl.com>
Source record: 264264
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Jim I bought the interface from Johnathan over in England. When I get the time I
am going to post observations about buying from overseas but I would do it again
in a heartbeat if they are all as nice and reliable as Johnathan is.
When I vocied a few misgivings about the AR800 after receiving it he immedatley said
he would take it back for a refund if I was not completely happy.

I can't get half the people from Radio Shack to do that without a fight.
Anyway I wouldn't part with this radio for anything a present I really love it.
The interface which cost about $130 makes the pleasure of owning thins a
lot better. I would hate to program all 1000 channels and 20 search banks
by hand!!!!!!! It would take a month or more. Plus if you aren't
careful you can inavertantly delete a channel when using the delete function
in the scan mode. Pop, that sucker is gone never to be recovered and has to be
reprogramed. Imagine the suprise of someone who deletes an entire bank in the blink
of an eye by not paying attention as to what they are doing.I delete the contents of bank
J all the time but there is always the chance of error and I could get j instead of J.
The computer interface makes resorting that data painless when it is set up
correctly.

Basically it comes with a flat wire with four leads in it that plugs
into the back of the scanner. It is reinforced with a flat piece
of metal the thickness of coke can aluminum to make insertaion and removal
a more secure process. Check an see if this receptical is in your scanner, it has
occured to me that a perfect way to render the scanner acceptable to the
fcc would be to epoxy that slot shut so it could never be used.
It is directly below the batteries. This cable goes to a interface box
which I suspect is a glorified null modem adapter. It has a standard 232 port
for your PC and another slot for a second AR8000 to be attachted for cloning.
It may have some buffering electronics, I haven't felt the need to open it
yet and have a look. If the pin out isn't in the ar8000 manual let me knwo
and I will post what it is here. I seem to remember reading about it in the
interface manual. Tonight or tommorow I am going to post a brief description
of all the commands they document the AR8000 will accept for those that
are curious. I don't see any comands like peek or poke that would allow
you to examine the internal programing of the AR8000. Johnathan said there
are some folks on Compuserve that have done a dump of the AR8000 rom and located
the bandplan.

As soon as I can find someone local that has a USA version who is able
an willing to get together with me I will try to clone the European
version to his. I could do this anywhere I travcel in my work from Dublin,
Warner Robbins GA to North Al around Huntsville. It should take about 5 to 10 minutes
and we could do it in a coffee shop. The interface is extremely portable and
draws its power from the AR8000. If they aren't happy they can always clone it back

with another USA version as the source. This is all assuming they haven't killed the 232 interface somehow in the US version. If they have I would send it back and quitely order on e from Johnathan before customs wises up and blocks them.

:>)

Vic

jadantin@ndlc.occ.uky.edu (Jim Dantin) wrote:
>
> Thanks for the information - where did you come up with a cable? Did you
> buy it or fabricate it?
>
> If you bought the AOR kit, do you get a new battery cover, or do you just
> leave it off when the cable is connected? Would you describe the software?
>
> If you made the cable - please share the info - source for the connector
> and pinout.
>
> Thanks.
>
> --
> Jim Dantin jadantin@ndlc.occ.uky.edu
> Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

6604. Re: The AR8000's computer interface (LONG!)

Newsgroup: rec.radio.scanner
Date: 1994-12-10 22:04:12 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3cd8ks$ap0@nntp.crl.com>
Source record: 264265
Cross-posted to: rec.radio.scanner,alt.radio.scanner

jadantin@ndlc.occ.uky.edu (Jim Dantin) wrote:
>
> Thanks for the information - where did you come up with a cable? Did you
> buy it or fabricate it?
>
> If you bought the AOR kit, do you get a new battery cover, or do you just
> leave it off when the cable is connected? Would you describe the software?
>

You just leave the cover off while using the interface, no big deal.
I just looked at the manual and the pin out is the pc pin out
from the interface discussed. They don't clue you as to the
nature of the flat ribbion cable.

Reread page 103 of the AR8000 operating manual and tell me what you
think each of the three clone/copy options will do.I may try and see
if I can get the AR8000 just to dump data to the IBM PC as if it were
another AR8000. Has anyone tried this yet?

Vic

6605. MOd for Pro-41

Newsgroup: rec.radio.scanner
Date: 1994-12-10 22:47:27 UTC
From: al980@yfn.ysu.edu
Message-ID: <3cdb5v$3th@news.ysu.edu>
Source record: 264266

I have been offred a Pro-41 for only $50 and would like
to knpow now if it can be modified to
receive 872-900 mh.
Thankds

6606. Re: Uniden 1-800 phone #?

Newsgroup: rec.radio.scanner
Date: 1994-12-10 23:00:45 UTC
From: dctrhappy@aol.com
Message-ID: <3cdbut$che@newsbf01.news.aol.com>
Source record: 264267

In article <3ca8od$he0@news1.digex.net>, zeus@access3.digex.net (The Pete-meister) writes:

:Can anyone tell me what the 800 number for Uniden is? Thanks in advance.

-I found it calling the 800 directory (1-800-555-1212) I think they're listed as Uniden of America or something. I obviously don't have Uniden's actual phone number now. SOrry.

6607. Ramsey SCN-1 (400Mhz --> 800Mhz)

Newsgroup: rec.radio.scanner
Date: 1994-12-10 23:27:38 UTC
From: cap2624@ultb.isc.rit.edu
Message-ID: <1994Dec10.232738.17503@ultb.isc.rit.edu>
Source record: 264428

I was considering getting the Ramsey SCN-1 Scanner converter rather then trying to find a Cell Modable scanner and have it be one that I like simultaneously. With the SCN-1 I can get any old scanner I want, the one with the features etc, and still get Cell freqs. The SCN-1 Converts the 400-550Mhz range to 800-950Mhz range. My questions are as follows:

Does anyone have any experience with the unit?

Since most scanners dont use a VFO, and are channelized in xKhz steps, will this converter LINE-UP the frequencies exactaly? Or will 800.00 Mhz appear in, say, 402.50 Mhz instead. This could cause problems, since the the average scanner will never be able to "step" onto the correct frequency.

How linear is the realationship between the 400-550 Mhz and the 800-950 Mhz bands after conversion?

Comments/suggestions welcome!!!

--
+---+
| Rochester Institute of Technology Christopher A. Peskin |
| Electrical Engineering |
+---+

6608. Re: Indiana Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-12-11 00:14:55 UTC
From: billsohl@earth.planet.net
Message-ID: <3cdg9v$iom@jupiter.planet.net>
Source record: 264269

Gerald Schmitt (ggs@aerie.lanl.gov) wrote:

: News reporters have a very effective lobby and propaganda
: machine. They were paying attention when this draconian law
: was passed and got themselves exempted. You don't have a press
: card issued by a PD reporters do. In case you haven't been paying
: attention reporters are much smarter that commoners and really
: should be running the government at all levels along with most
: aspects of your personal life. Leaving Indiana seems a reasoable
: step.

A far less onorous way than leaving the state would be to look into getting your "no-code" amateur radio license. For over two years now the "technician" class amateur radio license which grants operating privaledges for all amateur bands over 50.0MHz has been attainable without needing to know morse code.

To look into getting a license (the regulations, operating rules, safety rules and some electrical/electronic theory are tested by way of a multiple choice test) buy a copy of "Now You're Talking" from the ARRL (1-800-32NEW-HAM) or it can also be found at almost any Radio Shack. Cost is $19. The book contains all the study information you need to pass the test.

Just as the Indiana law exempts hams, every other similar law (about 5 or 6 other states prohibit scanners in autos) in those other states also exempts hams.

Of course once you get a ham license and can operate on the 144MHz band and other bands with their many repeaters you may never go back to just being a scanner listener:-)

Look into it, the test isn't hard at all given a few evenings of study. If you've got any electrical/electronic knowledge at all you'll find you need only study the rules and regulations.

--
Bill Sohl K2UNK (billsohl@planet.net)
Budd Lake, New Jersey

6609. Help Buying a Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-11 00:50:27 UTC
From: robocop@aol.com
Message-ID: <3cdicj$dm3@newsbf01.news.aol.com>
Source record: 264272

I am going to buy a scanner and have decided on one of the following three:

Uniden SC 150
Uniden BC 700A
Uniden BC 855XLT

Could someone please give me a description and recommendation of the three above, Thanx

ROBOCOP

6610. Re: AR8000 (Search funtio

Newsgroup: rec.radio.scanner
Date: 1994-12-11 00:51:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.2575.3415@the-boss.com>
Source record: 264270

TO : guyever@aol.com

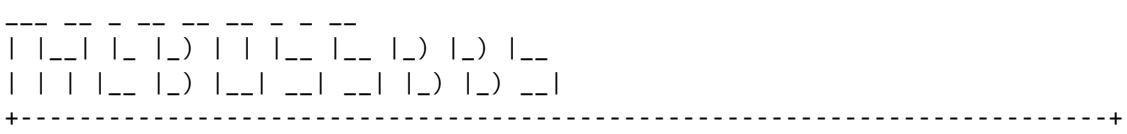
GU>KI4JE
GU>Saw your posting this AM. We must live pretty close together as I live in

Where can I purchase a ar8000. address and phone #
Thank you.

> dominic.post@the-boss.com <
> f309.n2604.z1.fidonet.org <

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

+---+
Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com



6611. Re: AR8000 (Search funtio

Newsgroup: rec.radio.scanner
Date: 1994-12-11 00:51:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.2574.3415@the-boss.com>
Source record: 264271

TO : guyever@aol.com

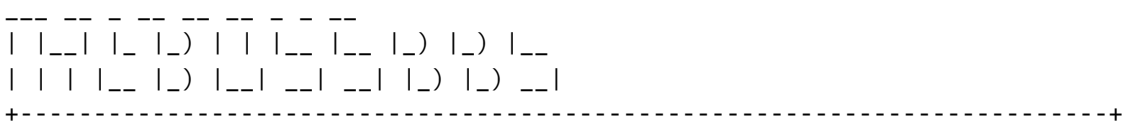
GU>KI4JE
GU>Saw your posting this AM. We must live pretty close together as I live in
GU>Tucker. Just got my AR8000 yesterday and mine seemed to have all kinds of
GU>frequencies programed in. I first suspected that EEB had sent me a unit
GU>returned by someone else. Who knows, but I feel a little better now with
GU>your comments.

GU>Am very pleased with the radio. The audio quality is very surprising. It
GU>surpasses the RS 2035 (which I returned), my Yaesu HT and a Yaesu mobile
GU>unit. Have not had time to play with it a lot. Maybe this weekend.

GU>Don't know about that Dobbins freq. Monitor Military Air (or at least try
GU>to)
GU>but can't be of any help.

GU>Guy KC4NQU
---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

+---+
Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com



6612. BC200XLT Manual needed

Newsgroup: rec.radio.scanner
Date: 1994-12-11 01:17:35 UTC
From: sagcorp@clark.net
Message-ID: <3cdd8i$q68@clarknet.clark.net>
Source record: 264364

I cannot find the manual for my Uniden BC200XLT hand-held scanner. Can anbody help me with a copy? Thanks.
Lee

6613. Re: Scanning on passenger planes

Newsgroup: rec.radio.scanner
Date: 1994-12-11 01:30:10 UTC
From: adamatt@aol.com
Message-ID: <3cdkn2$e3i@newsbf01.news.aol.com>
Source record: 264273

In article <3cbi82$dtk@newsbf01.news.aol.com>, dctrhappy@aol.com (DctrHappy) writes:

<is it legal; is this interestin; what's the easiest way to do this?>

dctrhappy: I think it's illegal, but I do it all the time. Just hide the scanner and you should be safe. It's really only interesting in the departure city before you get off the ground. The easiest way to do it is to programm your scanner with the freqs before yoou get there.(It's time consuming sometimes) Hope I was able to help!

AdaMatt@aol.com

6614. ICOM scanners, any good?

Newsgroup: rec.radio.scanner
Date: 1994-12-11 01:39:18 UTC
From: kewei@interport.net
Message-ID: <kewei.7.0035CF72@interport.net>
Source record: 264442
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I am interested in getting an IC-R1. I was wondering if it is a good scanner. Is there any other scanners out there that covers the same range (100kHz - 1.3MHz, I believe) in a small,compact physical package that lacks the celluar lockout? I have a really old Uniden but it is just a huge clunker to carry around. Also, is there a performance difference between a locked-out R1 with a convertor and a unlocked R1?

Thanks
km

6615. Re: 1995 Orange Police CAll Books

Newsgroup: rec.radio.scanner
Date: 1994-12-11 02:30:04 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3cdo7c$mvt@nntp.crl.com>
Source record: 264274

I bought one here in Atlanta today and I took back a green
one I had just picked up a week ago. The new book is outdated in a number
of listings I checked :>(

6616. Frequency of CB Channels

Newsgroup: rec.radio.scanner
Date: 1994-12-11 02:41:09 UTC
From: miamipab@shadow.net
Message-ID: <3cdos5$k6u@anshar.shadow.net>
Source record: 264425

Can anybody tell me the frequencies of the more popular CB channels?

TIA

Phil in Miami

6617. AR8000 - my first impressions (forwarded from alt.radio.scanner)

Newsgroup: rec.radio.scanner
Date: 1994-12-11 02:42:12 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3cdou4$nab@nntp.crl.com>
Source record: 264427

Here is another accurate review.

jadantin@ndlc.occ.uky.edu (Jim Dantin) wrote:
>
> Well it finally arrived!
>
> This is quite an impressive (or should I say intimidating?) little
> radio. You really NEED to read the manual - I definately don't think
> like the designers, but after working with the radio for a few hours, it
> makes sense (mostly).
>
> I sold my ICOM R7000 to buy this radio. I've previously owned an ICOM
> R71, also; so, I'm pretty picky. This radio exceeds my expectations,
> considering the cost and size. The trade-offs (limited selectivity
> options, sensitivity to overload) are easily accepted when the other
> features are considered (1000 memories, very flexible scan, search, and
> autostore functions).
>
> Problems noted do far:
>
> Pre-programmed band allocations for mode and step size are not correct
> for USA. Minor problem, as you can override EVERYTHING in this radio!
>
> Early advertisements and reviews of this radio indicated that scan delay
> was programmable (it is) on each channel (I don't think so - can't see
> how to do it other than for ALL channels.)
>
> External power can be anything from 5v to something above 12v (wall
> adapter says 12v, but shows 18v open with no load). The manual stated
> that you can use a REGULATED 12v supply for home use, but then cautions
> against overcharging the batteries. More information is needed here - do
> we take out nicads and run off of 12v supply? Can we leave nicads in?
> What happend if you connect wall adapter while you have alcaline
> batteries in the radio? The batteries were noticeably warm during my
> first charge cycle (got warm right away).
>
> The supplied rubber duckie is REALLY BAD. I have a collection of
> antennas from other radios, cellular phones, and homebrewed whips.
> EVERY ONE OF THEM was better than the original. I couldn't find any
> frequency that the original duckie was better on.
>
> The case is cheap - who's going to be the first to find out what a new
> one costs?
>

> There's a very audible "hiss" from the speaker and earphone when no
> signal is present. Aggravating if you listen in quiet surrondings -
> though not unusual (my ICOM R7000 did the same thing). A 1k-3k ohm
> resistor in the earphone plug (in series with the earphone) will
> eliminate the problem)
>
> The "Dial" knob sometimes seems to not respond - this is due to the
> microprocessor being busy doing something else. Not really a problem,
> but takes getting used to.
>
> Nice surprises:
>
> In spite of the complexity, I punched in around 50 channels without much
> trouble. This took around an hour, but I really picked up speed after a
> while. I can now enter frequency, a label, and all other data in under
> 30 seconds per channel. Just the frequency can be done in under 10 seconds.
>
> Memory is EEPROM - no worry about losing memory if batteries go dead, no
> backup lithium battery needed.
>
> Sensitivity is very good. While waiting for the radio to show up, I
> rewired my antennas to route them through an A-B-C switch. I can't tell
> any difference in reception between my long wire and my Diamond discone
> antennas on shortwave stations. This will greatly simplify day-to day use.
>
> The backlight for the display is uneven, but more than adequate. There
> is also backlighting for all of the buttons - this is GREAT for night
> time use! The backlighting turns off after 5 seconds of no button
> pushing (kinda short), or can be turned on in a way that it stays on
> until you turn it off.
>
> The belt clip attaches with 2 screws into molded-in metal fittings. The
> belt clip itself is spring steel, not plastic. This is great - you can
> remove it if you don't need it, or use the screw-holes for a
> custom-designed mounting.
>
> Enough for now.
> --
> Jim Dantin jadantin@ndlc.occ.uky.edu
> Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

6618. Anyone know U of G police FREQ?

Newsgroup: rec.radio.scanner
Date: 1994-12-11 02:47:09 UTC
From: dretzik@uoguelph.ca
Message-ID: <3cdp7d$aa2@nermal.cs.uoguelph.ca>
Source record: 264426

I'm looking for University of Guelph Police frequency. I have the mobiles at 167.19 MHz but it is definitely not a simplex system as I can't hear the base unit. I only live a couple of miles from the University so the base unit should be easy to hear. Would anyone happen to know the base frequency for the police at the University?

Thanks in advance

Dave
dretzik@uoguelph.ca

6619. Re: AR8000 Couple of firs

Newsgroup: rec.radio.scanner
Date: 1994-12-11 03:16:19 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3cdqu3$nab@nntp.crl.com>
Source record: 264429
Cross-posted to: alt.radio.scanner,rec.radio.scanner

dominic.post@the-boss.com (Dominic Post) wrote:
>
> TO : vic@ping.ping.com
>
> VI>That message somehow got truncated. Here is some of the rest of it.
>
> Vic; Please post where you purchased the AR8000, and the price.
> Thank you

Here are some notes regarding the AR8000 from my notes...

Jonathan Clough wrote

>The MVT-7100 is still available and is now priced at 360.00
>Sterling, the AR8000 is 395.00 sterling.
>
You look in the paper at the dollar/pound exchange currently
around 1.5600 Multiply this by the pound figure to get your total
charge on your charge card. I had to pay an additional six percent
import tarrif in cash on UPS delievery. The radio delievered was
$616.20 plus $36.97 a US import tax levy. That makes it competitive
with local sales but gives you certain advantages. It comes second day
express.

>
>As we know say to people enquiring about these sets and others the
>responsibility of complying with any Import regulations lies with
>the Importer and you would be the Importer.
>
>The Computer Interface is 80.00 Pounds. This allows computer
>control of the radio through a comms package using supplied
>instructions. No "Commercial" front end software is yet available
>but I am sure will be available from AOR and third parties pretty
>soon.

80 * 1.5600 *1.06 =$132.29 delievered

Jonathan Clough can be reached by these methods
Internet : Clough@javiaton.demon.co.uk
Compu$$erve: 100117,535

Tel: +44 (0)1274 732146
Since I personaly think it is unwise to pass a credit card number
by Internet packets (they can be hacked) I called him about 6:am
eastern time. Great English accent! I got an email confirmation

within about three hours with a ups data trac number.

Tom Popovitch wrote....

>PS: so this is a better scanner than say a Yupi7100 or some other
> scanner like a new version of the AR3000?
>

Most definitely.

6620. Any Mods for Pro42?

Newsgroup: rec.radio.scanner
Date: 1994-12-11 03:37:31 UTC
From: Gary Jacek <gjacek@yvr.cyberstore.ca>
Message-ID: <BK.BW.787117051.1103527590.gjacek@yvr.cyberstore.ca>
Source record: 264430

Hi

Dad's got an old Pro42 scanner. I'm wondering if there are
any mods that can be done to increase it's limited capabilities.
Please email me at gjacek@cyberstore.ca.

Thanks

..Gary

InterNet: gjacek@cyberstore.ca HeyYouNet: Gary Jacek
gjacek@freenet.vancouver.bc.ca
PhoneNet: 604/596-0451
Airline Wisdom: SABENA - Simply Awefull Belgian Experience Never Again

6621. Re: The AR8000's computer interface (LONG!)

Newsgroup: rec.radio.scanner
Date: 1994-12-11 03:44:04 UTC
From: schuster@panix.com
Message-ID: <3cdsi4$74j@panix3.panix.com>
Source record: 264431

In article <3cd7pr$ap0@nntp.crl.com>, Flying Turtle <vhealey@crl.com> wrote:
>Jim I bought the interface from Johnathan over in England. When I get the time I
>am going to post observations about buying from overseas but I would do it again
>in a heartbeat if they are all as nice and reliable as Johnathan is.
>When I vocied a few misgivings about the AR800 after receiving it he immedatley said
>he would take it back for a refund if I was not completely happy.

Aside to Vic: Could you reconfigure your editor for a shorter line length?
Your postings are hell to read, and even harder to quote as the lines
spill over all the time.

I've bought occasional small things from overseas before, but nothing like
a $600 scanner until I ran into Jonathan. As dealers go, Javiation is
exceptional - though it is a very small operation that can get a little
backlogged when demand exceeds manpower.

Javiation is an airplane parts dealer, and has been branching out with
other product lines of interest to aircraft enthusiasts. This includes
scanners ... and 2 years ago when the Yupiteru MVT-7100 was about to be
released, Jonathan wandered from the Aviation SIG on CompuServe into
Hamnet. He posted little teasers about the upcoming new model, always
taking a low profile and avoiding blatant commercialism in a very
admirable manner.

Amongst the scanner fanatics there, we had several flurries of email as to
who would be the guinea pig ... I acted first, and the grand experiment
began. In the paranoia over recent laws affecting radio equipment, we
didn't know what to expect. I probably had the first MVT-7100 in North
America (not counting Jonathan's visit to Miami with a production sample
earlier that winter). Once he got the necessary paperwork down to a
science, shipping scanners to the US became a routine thing.

This spring Jonathan made one of his periodic visits to the US. He took
time from sightseeing (and pursuing the aviation hobby) to meet a bunch of
us in New York. We've all forged lasting long-distance friendships, and it
gives me special pleasure to put in a plug for Javiation from time to
time. I'm pleased to see the latest crop of happy customers posting about
their new toys.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6622. Re: PRO-50

Newsgroup: rec.radio.scanner
Date: 1994-12-11 03:45:40 UTC
From: rhuffman@freenet.columbus.oh.us
Message-ID: <3cdsl4$skq@acme.freenet.columbus.oh.us>
Source record: 264432

Clint Bradford (clint.bradford@ectech.com) wrote:
: GBLUE>>I just bought a pro 50. It is modifiable and is picks up at a far
: GBLUE>>range.

Please, what are the mods for the PRO 50? And the date codes for the
modifiable radios? I bought my mom one for her bday last June and need to
know if there is a way to beef it up.

Thanks alot.

Rick

: Cool.

: What are you using for power source(s)? Rechargeables? Give us further
: 1st-hand reports! Are you in a metropolitan area?

: Clint Bradford, KE6LCS
: ---
: * TLX v4.00 * If there's one thing I can't stand, it's intolerance.
--
I need a job.....
Happy Holidays......(plaintive grin...<:/{

6623. Re: AR8000 - my first impressions

Newsgroup: rec.radio.scanner
Date: 1994-12-11 03:50:03 UTC
From: schuster@panix.com
Message-ID: <3cdstb$7m0@panix3.panix.com>
Source record: 264433

In article <3ccged$atk@sparc.occ.uky.edu>,
Jim Dantin <jadantin@ndlc.occ.uky.edu> wrote:
>Well it finally arrived!
>
>This is quite an impressive (or should I say intimidating?) little
>radio. You really NEED to read the manual - I definately don't think
>like the designers, but after working with the radio for a few hours, it
>makes sense (mostly).

Jeff Goldman told me to put aside the manual and just use common sense
with the menu prompts. It works for basic functions, once you learn what
the terms mean.

>The supplied rubber duckie is REALLY BAD. I have a collection of
>antennas from other radios, cellular phones, and homebrewed whips.
>EVERY ONE OF THEM was better than the original. I couldn't find any
>frequency that the original duckie was better on.

Worse, the duckie overhands the BNC connector on bottom, so it scratches
the case. I dumped it in an instant. My standard all-around scanner duck
is the GRE all-band (sold by Radio Shack with the old PRO-34).

>In spite of the complexity, I punched in around 50 channels without much
>trouble. This took around an hour, but I really picked up speed after a
>while. I can now enter frequency, a label, and all other data in under
>30 seconds per channel. Just the frequency can be done in under 10 seconds.

Ditto. Once you get the hang of it (and the steps are very logical and
streamlined) it's automatic to do.

>Memory is EEPROM - no worry about losing memory if batteries go dead, no
>backup lithium battery needed.

Yeah. The Yupi will forget after a few weeks of no power.

>Sensitivity is very good. While waiting for the radio to show up, I
>rewired my antennas to route them through an A-B-C switch. I can't tell
>any difference in reception between my long wire and my Diamond discone
>antennas on shortwave stations. This will greatly simplify day-to day use.

We've compared it with the MVT-7100. There are bands where one radio wins
over the other, and vice versa. Overall the Yupiteru is still the overall
champ for sensitivity by a hair. But the AR8000 is overall less prone to
intermod, which makes it more useable on many frequency ranges.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM

---------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6624. Re: Bearcat 200XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-11 04:02:31 UTC
From: Ron <rsharp@paul.spu.edu>
Message-ID: <Pine.OSF.3.91.941210200114.23266A-100000@paul.spu.edu>
Source record: 264438

> : Works great. 200 channels, handheld, clean, never dropped.
> : Taking offers.
>
> Would you be willing to trade that for original copies of OS/2 Warp and
> Lotus SmartSuite for OS/2?
>

I do appreciaate the offer, but I'm not too interested in OS/2 and I have Office Pro. I am looking for Xtree for Windows 4.0, and some great internet software. Also always interrested in electronic gadgets. Any other ideas? > >

6625. Re: Frequency of CB Channels

Newsgroup: rec.radio.scanner
Date: 1994-12-11 04:03:38 UTC
From: rhuffman@freenet.columbus.oh.us
Message-ID: <3cdtmq$1uh@acme.freenet.columbus.oh.us>
Source record: 264436

miamipab (miamipab@shadow.net) wrote:
: Can anybody tell me the frequencies of the more popular CB channels?

: TIA

: Phil in Miami

Well, ch. 19 (truckers) are on 27.185 Mhz. The band goes from 26.965
Mhz to 27.405 Mhz, with all the --.-5- and --.-9- channels skipped. These
are known as half channels.

Happy monitoring.

Rick

--
I need a job.....
Happy Holidays......(plaintive grin...<:/{

6626. Re: AR8000 Couple of first observations from KE4OI & Ki4je

Newsgroup: rec.radio.scanner
Date: 1994-12-11 04:04:17 UTC
From: perryp@iia.org
Message-ID: <3cdto1$fgs@ankh.iia.org>
Source record: 264437
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

vic@ping.com@ping.ping.com wrote:
: In <3c5g58$d17@nntp.crl.com>, Flying Turtle <vhealey@crl.com> writes:
: >
: >Ke4oi wrote >
: >
: >>Actually the radio is a little scary at first.
: >^^
: >Big understatement!! ^^^^^^^^^^^^^^
: >
: That message somehow got truncated. Here is some of the rest of it.

: What I have noticed so far is :
: >Bad
: >1. VFO knob sometimes skips a bit and kind of cheap feeling. Has lots of
: >popping in USB/LSB/CW modes.

: Did not notice this in mine.

: >2. Construction quality of the case so - so.
: AGREE for this kind of money I expected a ham grade case like better HT's.

: >3. Rubber duck sucks big time, and I don't mean signals.

: I noticed this within the first ten minutes while driving and looking at it.
: Stuck Pro 43 stock antenna on it an signal really jumped. Nice feature of
: the rf indicater is you can actual look at the difference the antenna makes
: on the same signal.

: >4. So So reception on medium wave but adequate for local stuff.
: If you are outside. Mine isn't so hot at all sitting in a car with it near
: a window.

: >5. Bandscope is kinda neat, but it mutes the audio while it goes out and
: >checks the adjacent freqs. Haven't really decided how usefull this is.

: Haven't looked at this much. Got a few ideas though to try later.

: >6. The Auto step setting picks some step sizes that may not be appropriate
: >for some freq. ranges. This could be a little confusing to the new user.
: >
: ???? I thought this was a problem in mine since I bought it from Europe.
: I don't use auto at all after the first hour when I noticed the radio changing
: frequencies seconds after I input them to something else. This is one of the things that got my blood pressure worked up BIG TIME. Now that I understand somethings inherient in its design it dosn't bother me a bit any more.
: I use expert mode only. The other mode is useless for my purposes.

: >Good
: >1. Very good keypad
: Yes and no. I wonder how long it will be before the lettering on the keys wears off.

: >2. Very very good audio quality and quantity for a scanner.
: I disagree. I like the audio from a police ht. I like the audio from my ham ht's. I live with the audio with this radio. Every opportunity I connect it
: to an amplified speaker of 7 to 10 watts max output. Now that is quanity!

: >3. FM broadcast reception quite good, probably would sound good with an
: >external speaker.
: Agree here.

: >4. Good sensitivity in the VHF bands when used with any other duck except
: >the one supplied.
: I am extremely pleased with it in the vhf uhf and high uhf bands. Few birdies.
: How did they do that?

: >5. Good selection of accessories.

: >6. Respectable SW and Amateur band performance when used with any other
: >antenna except the duck. Actually I was suprised that this worked as well as

: >it did. My experience with most scanners with SW capability has been dismal.
: >This one actually performs very well as a SW receiver.
: >7. Excellent Freq. organization tools.
: This later is in spades! By the end of the third day of use I can say I love this radio. No previous radio that I am aware of can do the things I can do with this bugger. I have found practical uses for many of its expert mode features that are nothing
short of astounding to me. Many agrevations associated with driving and listening to a scanner are gone with this product.
: >
: >Overall, this radio will probably become the scanners enthusiast's scanner
: >until the competition gets on the ball.
: >Mike Ellerson
: >Manager of Microcomputer Support
: >UCNS/Client Services
: >University of Georgia
: >Telephone 706-542-5359
: >E-Mail Mellerso@uga.cc.uga.edu
: >KE4RQI
: >

: Again I agree!

: Vic Ki4je

I agree with lots of popping when tuning SSB and CW. Seems to happen most in the 75 meter phone band. Not so much on 20 meters. Tuning knob is rubbery so it tends to wobble a little on the shaft. I pulled mine off and that's when you can see it is made of rubber or something like it.

SSB reception is not as good as my Yupiteru 7100 which is almost the equivalent of my HF rig. SSB signals on the AR8000 seem to me to almost

sound like the audio is a little distorted. Can't really tune out the "Donald Duck" sound as well as on the Yupi.

Overall I like the Yupi much better for it's performance, sensitivity and audio clarity. I like the AR8000 for it's features, especially the alpha tags. Radio is real nice on VHF and UHf.

Paul,
WB2ERY
perryp@iia.org

6627. Re: AOR8000 and RT3800, TR4000?

Newsgroup: rec.radio.scanner
Date: 1994-12-11 04:21:06 UTC
From: perryp@iia.org
Message-ID: <3cduni$fgs@ankh.iia.org>
Source record: 264439

petrova@yvax.byu.edu wrote:
: In article <1994Dec5.145212.10743@yvax.byu.edu>, petrova@yvax.byu.edu writes:
: > I am looking for SW reception performances of AOR AR8000 as compared
: > with Sony ISF-PRO 80 or other Sony or Grundig receivers.
: > When I call ACE and ask about AOR AR8000 they suggested me try Trident
: > TR3800. Daes anyone have any opinion(s) or information on Trident TR3800 and
: > TR4000 scanners?
: > I woul like find some information on TR4000:
: > 1. sensitivity,
: > 2. selectivity,
: > 3. IFs,
: > 4. tuning increments,
: > 5. VFO control (?),
: > 6. who manufactured.

: Andrei Petrov petrova@yvax.byu.edu

I had a Sony Pro 80 and sold it when I got my Yupiteru 7100. The Pro 80
was somewhat more sensitive than the Yupi. I also have an AR8000 and am
not crazy about its performance on SSB ham radio signals. The radio is
also no where near as sensitive as the Yupi and can't touch the PRO 80.
It also seems to me that the AR8000 has a higher noise floor than the Yupi.

Paul, WB2ERY
perryp@iia.org

6628. BUILDING THE PERFECT ENGINE.** ADVICE **

Newsgroup: rec.radio.scanner
Date: 1994-12-11 04:42:15 UTC
From: cdiehl@freenet.columbus.oh.us
Message-ID: <3cdvv7$74p@acme.freenet.columbus.oh.us>
Source record: 264440

[No readable article body recovered]

6629. Re: What's Your Scanner Strategy

Newsgroup: rec.radio.scanner
Date: 1994-12-11 06:05:25 UTC
From: jnkyard@aol.com
Message-ID: <3ce4r5$h7v@newsbf01.news.aol.com>
Source record: 264441

In article <3bm173$bt5@post.its.mcw.edu>, mmjjmm@post.its.mcw.edu (Michael Malloy) writes:

RE:
I recently picked up a new PRO-2006. I am interested in the various methods people on the net program their scanners for flexibility and maximum coverage of important frequencies.
Well, to start off with I live in Nassau County NY a suburb of NYC, there is plenty of action here.
I program my radio like this:
Bank 1 local Public Safety Priority Freqs
Bank 2 Secondary Nassau Public Saftey freqs
Bank3 Priority NYC
Bank4 Secondary NYC
Bank5 Suffolk Cnty
Bank 6 Federal Govt
Bank 7 Air
Bank 8 News Media
Bank 9 local businesses
bank 10 experimental

6630. MODS available via gopher

Newsgroup: rec.radio.scanner
Date: 1994-12-11 07:05:02 UTC
From: MARK@ardsley.business.uwo.ca
Message-ID: <MARK.1307.2EEAA49E@ardsley.business.uwo.ca>
Source record: 264443

After a 2 year shutdown, I have placed hamster.business.uwo.ca back on the air. The online radio/scanner mods are avilable via gopher.

If you have gopher, gopher to hamster.business.uwo.ca 129.100.89.100

=-=-=-

6631. Re: Scanning on passenger planes

Newsgroup: rec.radio.scanner
Date: 1994-12-11 07:31:19 UTC
From: Gary Jacek <gjacek@yvr.cyberstore.ca>
Message-ID: <BK.BW.787131079.1103527590.gjacek@yvr.cyberstore.ca>
Source record: 264444

I don't see a problem with scanning while in the departure lounge,
but if your scanner generates radio noise while you are aloft,
you could affect the avionics and end up splattered across a corn
field somewhere. And that would be bad.

Rather than conceal your scanner, why not contact the airline and/or
the flight crew and see if it's OK. I'm sure the other 100+ souls
on your aircraft would appreciate this responsible conduct.
After all, it's in your own best interests to keep the airframe
out of the ground.

By the way, if you're in a country where it's legal (like Canada),
you might try scanning the cellular band while you're at the
airport. It tends to have more interesting content than plain
old suburbia.

> In article <3cbi82$dtk@newsbf01.news.aol.com>, dctrhappy@aol.com
> (DctrHappy) writes:
>
> <is it legal; is this interestin; what's the easiest way to do this?>
>
> dctrhappy: I think it's illegal, but I do it all the time. Just hide the
> scanner and you should be safe. It's really only interesting in the
> departure city before you get off the ground. The easiest way to do it is
> to programm your scanner with the freqs before yoou get there.(It's time
> consuming sometimes) Hope I was able to help!
>
> AdaMatt@aol.com

6632. Re: Ham visits Tucson, Arizona

Newsgroup: rec.radio.scanner
Date: 1994-12-11 07:50:06 UTC
From: wn8tdan@aol.com
Message-ID: <3ceave$ib9@newsbf01.news.aol.com>
Source record: 264445

In article <3824q2$png@satisfied.elf.com>, msattler@jungle.com (Michael Sattler, San Francisco) writes:

Welcome to Tucson! You will love it. It has been 65-75 degrees here. I have a few freqs for you....
Tucson PD
F1 (SW) 155.010 (Most action)
F2 (NW) 155.730
F3 (Central) 154.725
F4 (East) 155.490
F5 154.755
F6 Car to Car 155.850
Tucson Fire:
453.1
453.2
453.4
453.6
FBI 163.940
DEA 418.900
Border Patrol 163.725
US Marshal 163.810
DM AFB 164.987
163.000
U of A 460.350

Have a good visit of the old Pueblo!

6633. Re: HAM Radio Forsale! Blah blah

Newsgroup: rec.radio.scanner
Date: 1994-12-11 09:48:02 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Dec11.094802.17416@hpcvaac.cv.hp.com>
Source record: 264446
Cross-posted to: rec.radio.scanner,alt.radio.scanner,

glennh@pnw.net (Glenn Hansen) writes:
: bill nelson (billn@hpcvaac.cv.hp.com) wrote:
:
: : If I must explain: It is ironic that a person has a rig for sale, which
: : he/she has presumably been using for some time - and probably even has
: : handy to examine - and yet misspells the name. To me, this is a large
: : incongruity between the actual and normally expected results.
:
: I find it ironic when people post replies and don't have a clue
: concerning the facts. Isn't it ironic that the original poster that
: couldn't spell Yaesu stated in his message that he was posting the ad for
: a friend? Isn't it ironic that people have accused him of all sorts of
: things just because he was trying to a friend a favor?

I understood that. I was not commenting about the person making the
posting. Nor have I accused him, or his friend, of anything.

Bill

6634. PRO-44

Newsgroup: rec.radio.scanner
Date: 1994-12-11 09:50:03 UTC
From: barry.adair@chrysalis.org
Message-ID: <9412110950.0DTCR00@chrysalis.org>
Source record: 264351

I have a PRO-44 I am going to sale but the gentleman, needs to know if it is a mod. for the 72 mhz band, I have lost all of my mod. files and don't know, Thanks
barry.adair@chrysalis.org
barry.adair@hotair.lonestar.org

 QMPro 1.52 All rising to a great place is by a winding stair.

6635. Inmarsat

Newsgroup: rec.radio.scanner
Date: 1994-12-11 09:52:38 UTC
From: john.hartsell@tnlhub.esnet.com
Message-ID: <387_9412112301@tnlhub.esnet.com>
Source record: 264464

Does anybody listen to Inmarsat satellites on the west coast ?

john.hartsell@dennet.esnet.com

6636. Re: HAM Radio Forsale! Blah blah

Newsgroup: rec.radio.scanner
Date: 1994-12-11 11:12:54 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Dec11.111254.18420@hpcvaac.cv.hp.com>
Source record: 264447

julian@kesteven.win-uk.net (Julian C Grammer) writes:
: >he/she has presumably been using for some time - and probably even has
: >handy to examine - and yet misspells the name. To me, this is a large
: >incongruity between the actual and normally expected results.
:
: Is it not at least equally ironic that a person has news reading
: software available, which he/she has presumably been using for
: some time, and yet flames without noticing the fact that the
: original poster was attempting to help a friend, from whom he/she
: got his/her (admittedly erroneous) information? You may not believe
: in smileys, Bill, but I think I smell humour (sorry, you'd prefer
: humor) impairment.

Who was flaming anyone? I certainly made no comment about the person making the posting - while you seem to think I did. I suggest that you go back and read that post. Then come back and apologize for jumping to conclusions. Others may have do so, as well, in their posts, but all I did was comment on the poster's friend's spelling ability.

: Let's start having fun,

I am. If I wasn't, I wouldn't be reading the group.

Bill

6637. Re: Attach Scanner Out to Phone Line

Newsgroup: rec.radio.scanner
Date: 1994-12-11 11:18:55 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Dec11.111855.18539@hpcvaac.cv.hp.com>
Source record: 264448

dbaker@tiger1.ocs.lsu.edu (David B Baker) writes:
: Can this setup be used to play back a recording of a modem session?
: I've heard it can be done, but when I try to play the recording into
: the line, the modem ignores it. I've tried hitting ath1 and ato0, but
: it doesn't seem to show any data on the screen.

The carrier tone will probably not be there, so the modem at the far
end will not respond.

Bill

6638. Mods for PRO62

Newsgroup: rec.radio.scanner
Date: 1994-12-11 11:35:11 UTC
From: jima119256@aol.com
Message-ID: <3ceo5f$ktr@newsbf01.news.aol.com>
Source record: 264449

Anyone know of any modifications for the Radio Shack Pro62?

6639. Re: Scanning on passenger planes

Newsgroup: rec.radio.scanner
Date: 1994-12-11 12:17:55 UTC
From: JDE1@ix.netcom.com
Message-ID: <3ceqlj$qcl@ixnews2.ix.netcom.com>
Source record: 264450

In <3cdkn2$e3i@newsbf01.news.aol.com> adamatt@aol.com (AdaMatt) writes:

>I think it's illegal, but I do it all the time. Just hide the
>scanner and you should be safe. It's really only interesting in the
>departure city before you get off the ground. The easiest way to do it is
>to programm your scanner with the freqs before yoou get there.(It's time
>consuming sometimes) Hope I was able to help!
>
I hope we never share an airplane! Signals from the scanner can screw up
the airplane's systems and you could die.

6640. Re: Attach Scanner Out to Phone Line

Newsgroup: rec.radio.scanner
Date: 1994-12-11 13:39:58 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3cevfe$1he5@tiger1.ocs.lsu.edu>
Source record: 264451

bill nelson (billn@hpcvaac.cv.hp.com) wrote:
: dbaker@tiger1.ocs.lsu.edu (David B Baker) writes:
: : Can this setup be used to play back a recording of a modem session?
: : I've heard it can be done, but when I try to play the recording into
: : the line, the modem ignores it. I've tried hitting ath1 and ato0, but
: : it doesn't seem to show any data on the screen.

: The carrier tone will probably not be there, so the modem at the far
: end will not respond.
: Bill
What freq is the carrier tone? Is it a matter of my tape player
not having the range to record it ? Shouldn't I be able to put the
data on the screen through some sort of ascii dump.
Thanks for the reply.
Dave

6641. Re: Scanning on passenger

Newsgroup: rec.radio.scanner
Date: 1994-12-11 14:26:00 UTC
From: walter.olechny@canrem.com
Message-ID: <60.12263.5773.0N1C3204@canrem.com>
Source record: 264474

-=> Quoting Dctrhappy@aol.com to All <=-

Dc> Dc> Is this legal? Is this interesting? What's the easiest way to gather
Dc> freq's for a trip? Thanks for any replies..! :-)

It's not a wise thing to do. It interferes with the planes communication
system.The usually say at the begining of the flight no walkmans,scanners....

... INTERNET: walter.olechny@canrem.com or ab499@torfree.net
___ Blue Wave/QWK v2.12

6642. The scoop on 'images' / Train road freqs.

Newsgroup: rec.radio.scanner
Date: 1994-12-11 14:43:08 UTC
From: wannamak@usceast.cs.scarolina.edu
Message-ID: <3cf35s$33m@cherry.cs.scarolina.edu>
Source record: 264301

I was told that my Uniden SC150 will receive images of cellular in the upper 800mhz range even though the actual freqs are locked out. What causes this imaging? This is true because I have picked cell transmissions up before when scanning through that band. Also, what is the correspondence (if any) between an image I run across and the actual frequency?

I also was told the GRE Scanner Converter from Grove would suffice for a mod to unlock cellular. What exactly is this, and, more importantly, what does it do?

And finally, I was train-chasing the other day with my scanner and could hear the dispatch and crew of a small CSX yard on 161.100 I believe. Unfortunately, that only carried dispatch-road and the yard crews, but not road-dispatch. Any ideas for that frequency?

Thanks - Keith W.

6643. Re: RS PRO Scanners

Newsgroup: rec.radio.scanner
Date: 1994-12-11 15:15:10 UTC
From: adamatt@aol.com
Message-ID: <3cf51u$mki@newsbf01.news.aol.com>
Source record: 264453

In article <5725@rook.ukc.ac.uk>, dpfg@ukc.ac.uk (Duncan) writes:

>>Curently the PRO-39, 44, 43, 46 & 50 are in the handheld range.

>DO they still have full cordless phone capability, without having
to take the back off and do lots of crafty things and bust the
device??

I have the PRO-39 and it has partialcordless phone capability.
Its freq range for 800Mhz is as follows:
806-823.9375, 851-868.9375, 896-
960Mhz.

As you can see, there are bi chunks missing in the 800Mhz band. But, I
can still receive cordless phone conversations between 851-868.9375.
Also, there are a few cordless bands in the 900's, and scattered in the
800's.

\\\\\\\\\\\\\\\\\\\\\\\\ AdaMatt@aol.com //////////////////////

6644. Listen in to Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-11 15:21:26 UTC
From: wa2tpx@acy1.digex.net
Message-ID: <3cf5dm$i4o@news1.digex.net>
Source record: 264455

Anyone know of a way that I can call my home phone number and listen to
my scanner? Is there some way that I could have the phone answer and
"connect" me to my scanner?
Any thoughts/ideas on this one would be appreciated.
73

--

There is no doubt in my mind that there is a connection between alien
visitation sightings and excessive consumption of bad beer.

Matt Wilson - WA2TPX (ham) I-Net: wa2tpx@acy.digex.net
Millville NJ (south Jersey) Prodigy: bfmn47a
(609) 327-8399 the 'ole fashioned way; Ham Radio: 145.39 PL91.5

6645. Examing AR8000 Memory (First try)

Newsgroup: rec.radio.scanner
Date: 1994-12-11 15:24:38 UTC
From: vic@ping.com
Message-ID: <vic.162.2EEB19B6@ping.com>
Source record: 264454
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I have figured out how to make the AR8000 dump its memory to the IBM PC.
You select function zero in expert mode. If you ask for just a data copy and
press enter on the AR8000 it just sits there.
Send it a cr from the IBM and it sends %000# and sits there.
Send it %000# and it will send a packet of data 128 characters long ending in
another %xxx#. Here is an actual dump of a little of it...

%0000#2020202020205301000005000091550173 6F683144454D0100002500000006304736F
683244454D0100002500500263047 36F683344454D0100002500000563 04%0040#736F683444454D
0100002500500763047 36F683544454D0100002500001063047 36F683644454D0100002500501263
04736F683744454D0100002500001563 04%0080#736F683844454D0100002500501763047261703 1
44454D0100002500000068047261703244454D0100002500500268047261703344454D0100002500
00056804%00C0#

If you ask for a system data dump it starts with memory location 6000(hex).
You get mostly FF's until you reach 7000(hex) where there is I guess 256 to
512 bytes of data. I didn't go any farther since I was manually responding to
the AR8000. If you try to make it go backwards it will not except to resend
the data you did not acknowledge. The # seems to be very important sending
it by itself causes the AR8000 to send a memory address followed by a #.
It must mean tell me where you are. When you ack with the %xxx% I guess it
feels you are with it and it is ready to send more data. On certain memory
boundries it sends a sequence of repeated %xxxx#%xxxx# were xxxx is a hex
number.

If this helps someone get started examining the memory have at it.
Any ideas as to the use for this?

Vic ki4je

6646. Re: Radio Shack Address?

Newsgroup: rec.radio.scanner
Date: 1994-12-11 15:30:05 UTC
From: adamatt@aol.com
Message-ID: <3cf5tt$mns@newsbf01.news.aol.com>
Source record: 264457

In article <3ccjfc$gql@mailer.fsu.edu>, valleyj@romulus.housing.fsu.edu (Jeff Valley) writes:

>Does anyone have adress/phone information for the Radio Shack Corporate
>Offices? I just had a real bad sales droid experience. He even called
>me a jerk. Maybe it's true, but I need to follow up on this anyway.

I don't know the # for their coprate offices, but you might try looking around uner the name of TANDY Electronics. (They own Radio Shack)

AdaMatt@aol.com

6647. n

Newsgroup: rec.radio.scanner
Date: 1994-12-11 15:32:31 UTC
From: scanware@myhost.subdomain.domain
Message-ID: <3cf62f$s83@news.halcyon.com>
Source record: 264462

For the ultimate frequency tracking program I suggest you try the FCC Frequency Retrieval System Ver 2.xx from ScanWare Associates. It is cheap enough...just $40 for the program and the entire FCC database for your state. Its fully editable and will also allow you to add and delete listings. If you have a computer controlled scanner, the FCC FRS program can generate ASCII or SDF files to program your scanner. This little known program is sometimes advertised in Pop Comm. I saw it at a hamfest someplace and snapped up a copy quick. ScanWare also has a BBS with a lot of free files on it too....(206) 871-4591/4228
Gene / KG7XD
;
:
:wq

6648. Re: AR8000 - my first impressions

Newsgroup: rec.radio.scanner
Date: 1994-12-11 15:38:10 UTC
From: vic@ping.com
Message-ID: <vic.163.2EEB1CE1@ping.com>
Source record: 264456

In article <3cdstb$7m0@panix3.panix.com> schuster@panix.com (Michael Schuster) writes:
>From: schuster@panix.com (Michael Schuster)
>Subject: Re: AR8000 - my first impressions
>Date: 10 Dec 1994 22:50:03 -0500

>In article <3ccged$atk@sparc.occ.uky.edu>,
>Jim Dantin <jadantin@ndlc.occ.uky.edu> wrote:
>>Well it finally arrived!
>>
>>This is quite an impressive (or should I say intimidating?) little

>Worse, the duckie overhands the BNC connector on bottom, so it scratches
>the case. I dumped it in an instant. My standard all-around scanner duck
>is the GRE all-band (sold by Radio Shack with the old PRO-34).

Possibly the design reason for the weird antenna is that by bringing the outer sheath down to the level of the bottom of the bnc and therefore in touch with the scanner was to renforce a weak spot of radio design. The BNC can work lose do to mechanical flexing etc. This antenna would put more of that flexing in contact with the case relieving some of the stress on the bnc mount.

I personaly choose a slimer ham ht antenna with a fair amount of flex in it so a stiff antenna would not put so much stress on this area. This is my opinion and may not represent complete thinking on the subject. If I am right why didn't AOR engineers choose this as a means of protecting the BNC? These guys are by no means stupid! No one else has been able to design a radio like this.

I understand that a few years ago the Pentagon bought all of the existing AOR production and modified it for use in aircraft sent to the Gulf War. Anyone else hear that rumor?

Vic

6649. Re: Help me, I'm desperate!

Newsgroup: rec.radio.scanner
Date: 1994-12-11 15:52:36 UTC
From: Bill McCall <70003.4300@CompuServe.COM>
Message-ID: <3cf784$30d$1@mhade.production.compuserve.com>
Source record: 264458

Adam.

Go to your local library and find a book on Radio, Shortwave, or even scanners and build the thing yourself. Unless your going to pay a contractor big bucks to crawl in your attic your going to install it yourself. The parts will cost you 1/5th of what any kit would.

--
Clowns to the left of me, Jokers to the right, here I am stuck in the Internet with you!

Email:70003.4300@compuserve.com or w.mccall@csi.compuserve.com

6650. Re: Anyone know U of G police FREQ?

Newsgroup: rec.radio.scanner
Date: 1994-12-11 16:05:01 UTC
From: MCFD77A@prodigy.com
Message-ID: <3cf7vd$nfq@usenetw1.news.prodigy.com>
Source record: 264461

Posting this PUBLICLY because you, like many, seem to assume that everyone in America knows where the U. of Whatever is.... If you want a frequency, I'd like to help, but I need a bit more than that. A State would help, and then what particular city the college is in.
-

MCFD77A@prodigy.com

6651. Re: Police jargon

Newsgroup: rec.radio.scanner
Date: 1994-12-11 16:05:45 UTC
From: willi087@maroon.tc.umn.edu
Message-ID: <willi087-1112941605450001@dialup-2-123.gw.umn.edu>
Source record: 264333

In article <1708681BAS86.R3PMP@VM1.CC.UAKRON.EDU>, R3PMP@VM1.CC.UAKRON.EDU (Patrick M. Prather) wrote:

> If the police codes are standardized throughout the country, could someone
> please put a translation up.

There are many different codes in use by police departments, state police, etc.

6652. Re: Motorola Advisor Software

Newsgroup: rec.radio.scanner
Date: 1994-12-11 16:15:31 UTC
From: kurtis2@aol.com
Message-ID: <3cf8j3$n78@newsbf01.news.aol.com>
Source record: 264459

In article <D0Jp5H.B6t@pts.mot.com>, jkronz@pts.mot.com (Jason Kronz x8645 p5412) writes:

If your looking for software to send a message to the pager. Its easy to make yourself. I wrote my own program to send a message to the pager. And it works great... The important thing to get is the phone number to send the message too. Most Pager companys will give you that information... Just ask them for it... I wrote the software on my commodore 64 computer. Since its wasnt doing any thing at the time now its door stop... If you want the program your more than welcome to it. Should be real easy to comvert to PC software.

Kurtis

6653. Re: Listen in to Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-11 16:16:16 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D0nMJ5.5Ju@nntpa.cb.att.com>
Source record: 264460
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.homebrew

In article <3cf5dm$i4o@news1.digex.net>,
Matt Wilson <wa2tpx@acy1.digex.net> wrote:

>Anyone know of a way that I can call my home phone number
>and listen to my scanner? Is there some way that I could
>have the phone answer and "connect" me to my scanner?
>Any thoughts/ideas on this one would be appreciated.

Although you can build a solid state, compact equivalent,
I use a controller I built from a pile of relays and described it
about 7 years back:

FROM JUNK TO A JEWEL

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the author.]

One Saturday morning last year, my wife Pam, N9HRZ, brought
home 3 large gray steel relay boxes from a garage sale. She
didn't know what they were, but was sure they were a "steal"
at $5 apiece.

My examination brought disappointment. These 35 lb. "boat
anchors" appeared to be something ripped out of a factory
control system. The outsides were filthy, and someone had
spilled oil inside of them.

Pam sensed my unhappiness with her find, so she offered to
ask her dad, KA9CAI, to sell these boat anchors at a hamfest
so we could get back some of the $15.

For the past year, one box sat in my garage, and the other
two boxes sat in my father-in-law's garage.

Junk Reexamined

Each box had a large hinged door, protected against the
weather by a gasket. On the inside was a thick steel panel
with about 8 DPDT relays, a time delay relay, and several
toggle switches.

All relays were made by Potter & Brumfield, a top relay
manufacturer. Each had a 117 VAC coil, 10 amp contacts, and

was in a high quality Amphenol socket. The DPDT relays were enclosed in clear plastic dust covers, and had neon bulbs and resistors wired across their coils, which provided a visual indication of relay activation.

Components were wired together neatly to 2 large bakelite barrier (terminal) strips. All interconnecting wires had terminals crimped on at the ends, so a screwdriver was the only tool necessary to service the unit.

Now for the challenge: Could this "junk" be converted into a remote receiver controller, functioning like the one we brewed up at the Indian Hill ARC?

Time Delay Relay

The plug in time delay relay was a DPDT configuration, enclosed in a yellow cover. Instructions printed on the side revealed that the delay time was between 0.1 and 10 seconds, and was determined by the value of an external resistor.

Older delay relays use a thermal switch, which heats up over time, making or breaking contact after reaching a given temperature. Fortunately, my delay relay employed more modern circuitry. Inside was a printed circuit board with an actual solid state timer. The current Newark catalog lists this relay at $45, socket extra.

I wanted a delay adjustable between a few seconds and an 60 minutes. Not having a schematic of the timer, I applied 117 VAC to the coil and probed the circuit with a voltmeter. I found the capacitor that, along with the external resistor, determined the delay time.

A much larger capacitor was needed for long delays, but wouldn't fit within the relay case. I removed the original timing capacitor, and ran 2 wires from its old location to an external 220 ufd capacitor through a hole drilled in the case.

A Controller Takes Shape

The relays were rewired. A rheostat to set the timeout delay was mounted. Pilot lights, 1/4" phone jacks, and modular telephone jacks were installed.

The remote receiver controller at IHARC requires use of an external phone patch. We currently use a deluxe patch made by Waters.

Not wanting to tie up a phone patch for my home controller, I brewed up an interface to feed the audio output of a receiver to the phone line. It used a capacitor and 600 ohm

transformer salvaged from a discarded PC board, and a
varistor cut out from a telephone handset. The varistor
clips residual voltage spikes that could appear on the
telephone line from ringing voltage and damage the receiver.

The 35 lb. receiver controller works well. The only problem
to date is that the timer is unstable. Sometimes it times
out after 10 minutes, sometimes after 20 minutes, sometimes
....

I can use the setup to listen to a home scanner while I'm
away from home. As a "frill", I added a Morse Code
identifier. I recorded the message "Oswego RX" in CW on an
endless loop cassette tape, and play the tape on an old
cassette player. The player is powered from an AC outlet
which becomes live when the controller answers a phone call.
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6654. Yaesu PPL 2010

Newsgroup: rec.radio.scanner
Date: 1994-12-11 17:45:50 UTC
From: 00103003@cpccux0.cphk.hk
Message-ID: <3cfdse$d8i@cpccux0.cphk.hk>
Source record: 264342

Hi, is there anyone know the frequencies of Yaesu PPL-2010?
If you know, please tell me. Thanks!

William

--
William C.K. Wong 93103003@CityU.edu.HK
00103003@cpccux0.CityU.edu.HK

Division of Humanities and Social Science,
City University of Hong Kong, Hong Kong.

6655. AR8000 Memory Info (Long)

Newsgroup: rec.radio.scanner
Date: 1994-12-11 17:49:59 UTC
From: billy@panix.com
Message-ID: <billy-1112941249590001@billy.dialup.access.net>
Source record: 264463

Let me save you some trouble...

Here is the info on how the AR8000 stores the bandplan data used by the AUTO funtions. There is a "table" in the AR8000 EEPROM used to store the bandplan. This table has room for 128 entries. Each entry stores a 10 digit frequency, a 6 digit step size, a 1 digit mode, and a 1 digit flag byte. There is also a 2 byte entry that I don't know what it does, and a 12 digit field that is all F's.

The first entry defines the parameters that will be used until the frequency of the next entry is reached. When that frequency is reached, the other paramters in that entry are used (and are used until the frequency of the next entry is reached).

The data is sent and received as was mentioned in a previous message, via the clone function in the AR8000, and the use of a simple language. Refer to <vic.162.2EEB19B6@ping.com> for more info. One can use simple scripts and a terminal program (from any platform; I run a Mac) to mess with anything in the System area of the AR8000 EEPROM, but one can also totally mess up an AR8000 by sending it bad data. A full clone from another receiver may be the only way to fix an AR8000 that has corrupted data in the system sections of its EEPROM. I can't help you if you mess up. There is a lot more stored in the system area of the EEPROM besides the band plan table...

The data itself is sent with the info in each record backwards. A double ASCII encoded scheme is used, which is pretty inefficient, but what the hell, that's what they use. The table (from my AR8000) I am including at the end of this message has the raw data (as received from the AR8000) on the left, and the decoded information it represents on the right side. Please forgive me if the table gets word wrapped; I've tried to tell NewsWatcher not to wrap it.

The AR8000 I have is a UK version, so the band plan is the UK band plan, and there are no locked out frequencies or bands in this AR8000 at all. I would be very interested in seeing the bandplan data for the US model... This is the section of my AR8000's (system) EEPROM from location $7800 to $7FFF, which holds the bandplan data. This table has room for 128 entries, of which only 101 are used in the UK version.

Feel free to speculate on what the FFFFFFFFFFFF entry is used for in each record. Maybe for lockout of certain frequencies? I also have not figured out what the field between the step and the mode is used for.

What I really want is to reprogram my AR8000 to use a US band plan. I know how to do it, I just don't know where to get my hands on a detailed frequency plan for the US. (I'll never find the time to send to Washington for a printed copy of some FCC book). There are some obvious (ie easy for me) areas, like the 10K steps for the AM broadcast band, and the US FM band, and some of the VHF and

UHF band sections which I happen to know, but I would like to just do the whole table right, and send it to my AR8000. I have read a few messages on the HamNet Forum on CompuServe that the bandplan in the US units (just) shipping now is not right...

Enjoy.

Bill S

```
%7800# ; 10 digit freq, 6 digit step, ?, 1 digit mode, 1 digit
split=2
%7800# ; Start of AUTO tables, 128 entry table, UK uses 101 entries
FFFFFFFFFFF 0 5 00 050000 0000100000 ; 0000.100MHz, 50Hz step, ?, CW, on
channel
FFFFFFFFFFF 0 2 00 000900 0030150000 ; 0000.153MHz, 9KHz step, ?, AM, no split
FFFFFFFFFFF 0 5 00 050000 0000800100 ; 0001.800MHz, 50Hz step, ?, CW, no split
FFFFFFFFFFF 0 4 00 050000 0020840100 ; 0001.842MHz, 50Hz step, ?, LSB, no split
FFFFFFFFFFF 0 2 00 000100 0000300200 ; 0002.300MHz, 1KHz step, ?, AM, no split
FFFFFFFFFFF 0 5 00 050000 0000500300 ; 0003.500MHz, 50Hz step, ?, CW, no split
FFFFFFFFFFF 0 4 00 050000 0000620300 ; 0003.620MHz, 50Hz step, ?, LSB, no split
FFFFFFFFFFF 0 3 00 050000 0000800300 ; 0003.800MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFF 0 2 00 000100 0000900300 ; 0003.900MHz, 1KHz step, ?, AM, no split
FFFFFFFFFFF 0 5 00 050000 0000000700 ; 0007.000MHz, 50Hz step, ?, CW, no split
FFFFFFFFFFF 0 4 00 050000 0050040700 ; 0007.045MHz, 50Hz step, ?, LSB, no split
FFFFFFFFFFF 0 2 00 000100 0000100700 ; 0007.100MHz, 1KHz step, ?, AM, no split
FFFFFFFFFFF 0 5 00 050000 0000101000 ; 0010.100MHz, 50Hz step, ?, CW, no split
FFFFFFFFFFF 0 3 00 050000 0000141000 ; 0010.140MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFF 0 2 00 000100 0000651100 ; 0011.650MHz, 1KHz step, ?, AM, no split
FFFFFFFFFFF 0 5 00 050000 0000001400 ; 0014.000MHz, 50Hz step, ?, CW, no split
FFFFFFFFFFF 0 3 00 050000 0000071400 ; 0014.070MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFF 0 5 00 050000 0000101400 ; 0014.100MHz, 50Hz step, ?, CW, no split
FFFFFFFFFFF 0 3 00 050000 0020111400 ; 0014.112MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFF 0 2 00 000100 0000101500 ; 0015.100MHz, 1KHz step, ?, AM, no split
FFFFFFFFFFF 0 5 00 050000 0080061800 ; 0018.068MHz, 50Hz step, ?, CW, no split
FFFFFFFFFFF 0 3 00 050000 0000111800 ; 0018.110MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFF 0 5 00 050000 0000002100 ; 0021.000MHz, 50Hz step, ?, CW, no split
FFFFFFFFFFF 0 3 00 050000 0000152100 ; 0021.150MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFF 0 2 00 000100 0000452100 ; 0021.450MHz, 1KHz step, ?, AM, no split
FFFFFFFFFFF 0 5 00 050000 0000892400 ; 0024.890MHz, 50Hz step, ?, CW, no split
FFFFFFFFFFF 0 3 00 050000 0000932400 ; 0024.930MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFF 0 1 00 000100 0050512600 ; 0026.515MHz, 1KHz step, ?, NFM, no split
FFFFFFFFFFF 0 2 00 000100 0050962600 ; 0026.965MHz, 1KHz step, ?, AM, no split
FFFFFFFFFFF 0 1 00 000100 0000602700 ; 0027.600MHz, 1KHz step, ?, NFM, no split
FFFFFFFFFFF 0 5 00 050000 0000002800 ; 0028.000MHz, 50Hz step, ?, CW, no split
FFFFFFFFFFF 0 3 00 050000 0000202800 ; 0028.200MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFF 0 1 00 001000 0000202900 ; 0029.200MHz, 10KHz step, ?, NFM,
no split
FFFFFFFFFFF 0 1 00 002500 0000003000 ; 0030.000MHz, 25KHz step, ?, NFM,
no split
FFFFFFFFFFF 0 1 00 501200 0000454700 ; 0047.450MHz, 12.5KHz step, ?, NFM,
no split
```

```
FFFFFFFFFFFF 0 1 00 000500 0000804900 ; 0049.800MHz, 5KHz step, ?, NFM, no split
FFFFFFFFFFFF 0 5 00 050000 0000005000 ; 0050.000MHz, 50Hz step, ?, CW, no split
FFFFFFFFFFFF 0 3 00 050000 0000105000 ; 0050.100MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFFF 0 1 00 001000 0000415100 ; 0051.410MHz, 10KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 1 00 501200 0000855200 ; 0052.850MHz, 12.5KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 2 00 002500 0000006800 ; 0068.000MHz, 25KHz step, ?, AM, no split
FFFFFFFFFFFF 0 1 00 501200 0050126800 ; 0068.125MHz, 12.5KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 5 00 050000 0000007000 ; 0070.000MHz, 50Hz step, ?, CW, no split
FFFFFFFFFFFF 0 3 00 050000 0000037000 ; 0070.030MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFFF 0 1 00 001000 0000257000 ; 0070.250MHz, 10KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 1 00 501200 0000307000 ; 0070.300MHz, 12.5KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 1 00 002500 0000807200 ; 0072.800MHz, 25KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 1 00 501200 0000007400 ; 0074.000MHz, 12.5KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 1 00 002500 0050128400 ; 0084.125MHz, 25KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 1 00 501200 0000008500 ; 0085.000MHz, 12.5KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 0 00 000001 0000008800 ; 0088.000MHz, 100KHz step, ?, WFM,
no split
FFFFFFFFFFFF 0 1 00 501200 0000300501 ; 0105.300MHz, 12.5KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 2 00 005000 0000000801 ; 0108.000MHz, 50KHz step, ?, AM, no split
FFFFFFFFFFFF 0 2 00 002500 0000001801 ; 0118.000MHz, 25KHz step, ?, AM, no split
FFFFFFFFFFFF 0 1 00 000100 0000053601 ; 0136.050MHz, 1KHz step, ?, NFM, no split
FFFFFFFFFFFF 0 1 00 501200 0000003801 ; 0138.000MHz, 12.5KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 5 00 050000 0000004401 ; 0144.000MHz, 50Hz step, ?, CW, no split
FFFFFFFFFFFF 0 3 00 050000 0000154401 ; 0144.150MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFFF 0 1 00 002500 0000504401 ; 0144.500MHz, 25KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 3 00 050000 0000854401 ; 0144.850MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFFF 0 1 00 002500 0000004501 ; 0145.000MHz, 25KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 3 00 050000 0000804501 ; 0145.800MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFFF 0 1 00 501200 0000004601 ; 0146.000MHz, 12.5KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 1 00 000500 0000954901 ; 0149.950MHz, 5KHz step, ?, NFM, no split
FFFFFFFFFFFF 0 1 00 501200 0000005201 ; 0152.000MHz, 12.5KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 2 00 501200 0000005401 ; 0154.000MHz, 12.5KHz step, ?, AM,
no split
FFFFFFFFFFFF 0 1 00 002500 0000005601 ; 0156.000MHz, 25KHz step, ?, NFM,
no split
```

```
FFFFFFFFFFFF 0 1 00 501200 0000406301 ; 0163.400MHz, 12.5KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 2 00 002500 0000002502 ; 0225.000MHz, 25KHz step, ?, AM, no split
FFFFFFFFFFFF 0 1 00 002500 0000001004 ; 0410.000MHz, 25KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 1 00 501200 0000502504 ; 0425.500MHz, 12.5KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 3 00 050000 0000003004 ; 0430.000MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFFF 0 5 00 050000 0000003204 ; 0432.000MHz, 50Hz step, ?, CW, no split
FFFFFFFFFFFF 0 3 00 050000 0000153204 ; 0432.150MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFFF 0 1 00 002500 0000503204 ; 0432.500MHz, 25KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 5 00 050000 0000803204 ; 0432.800MHz, 50Hz step, ?, CW, no split
FFFFFFFFFFFF 0 1 00 002500 0000003304 ; 0433.000MHz, 25KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 3 00 050000 0000003504 ; 0435.000MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFFF 0 1 00 002500 0000803904 ; 0439.800MHz, 25KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 1 00 501200 0000004004 ; 0440.000MHz, 12.5KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 1 00 002500 0000506004 ; 0460.500MHz, 25KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 1 00 501200 0000506104 ; 0461.500MHz, 12.5KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 1 00 002500 0000006504 ; 0465.000MHz, 25KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 0 00 000500 0000007004 ; 0470.000MHz, 5KHz step, ?, WFM, no split
FFFFFFFFFFFF 0 0 00 005002 0000001506 ; 0615.000MHz, 250KHz step, ?, WFM,
no split
FFFFFFFFFFFF 0 0 00 002500 0000755408 ; 0854.750MHz, 25KHz step, ?, WFM,
no split
FFFFFFFFFFFF 2 0 00 000001 0000006508 ; 0865.000MHz, 100KHz step, ?, WFM,
no split
FFFFFFFFFFFF 2 1 00 002500 0000007208 ; 0872.000MHz, 25KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 2 00 000005 0000006209 ; 0962.000MHz, 500KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 0 00 005000 0000004012 ; 1240.000MHz, 50KHz step, ?, WFM,
no split
FFFFFFFFFFFF 0 3 00 050000 0000006012 ; 1260.000MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFFF 0 0 00 005000 0000007212 ; 1272.000MHz, 50KHz step, ?, WFM,
no split
FFFFFFFFFFFF 0 1 00 002500 0000009112 ; 1291.000MHz, 25KHz step, ?, NFM,
no split
FFFFFFFFFFFF 0 3 00 050000 0000509112 ; 1291.500MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFFF 0 5 00 050000 0000009612 ; 1296.000MHz, 50Hz step, ?, NFM, no split
FFFFFFFFFFFF 0 3 00 050000 0000159612 ; 1296.150MHz, 50Hz step, ?, USB, no split
FFFFFFFFFFFF 0 5 00 050000 0000809612 ; 1296.800MHz, 50Hz step, ?, CW, no split
FFFFFFFFFFFF 0 1 00 002500 0000009712 ; 1297.000MHz, 25KHz step, ?, NFM,
no split
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```
FFFFFFFFFFFF 0 0 00 002500 0000409912 ; 1299.400MHz, 25KHz step, ?, WFM,
no split
FFFFFFFFFFFF 0 0 00 005000 0000000013 ; 1300.000MHz, 50KHz step, ?, WFM,
no split
FFFFFFFFFFFF 0 1 00 501200 0000002914 ; 1429.000MHz, 12.5KHz step, ?, NFM,
no split
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF ; End of AUTO tables in UK AR8000
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF ; End of AUTO tables
%8000#
```

6656. Mods for Pro 2021

Newsgroup: rec.radio.scanner
Date: 1994-12-11 18:05:37 UTC
From: ac523@cfn.cs.dal.ca
Message-ID: <D0nrLE.Kvy@cs.dal.ca>
Source record: 264465

I have a Pro 2021 that I would like to mod for both cellular bands and Canadian Air Force freqs. I live near CFB Shearwater and would like to be able to monitor the SAR stuff. Email to AC523@cfn.cs.dal.ca.

Thanks,

Doug Spurrell

6657. ACE AOR 1500

Newsgroup: rec.radio.scanner
Date: 1994-12-11 18:11:05 UTC
From: stanlui@netcom.com
Message-ID: <stanluiD0nruH.6ty@netcom.com>
Source record: 264338

Scanner 10 months old in Good condition, hand held is similar to the AR 1000 but with sideband receive capability.Asking $375 .

6658. Panasonic KX-T4065

Newsgroup: rec.radio.scanner
Date: 1994-12-11 18:28:54 UTC
From: tag@public.compusult.nf.ca
Message-ID: <tag.2.00127BDD@public.compusult.nf.ca>
Source record: 264349
Cross-posted to: rec.radio.scanner,misc.consumers

I'm looking at purchasing a Panasonic KX-T4065 cordless phone. Do any netters have any experience with the Panasonic cordless phones? They claim to have a good S/N ratio but I would like to know how it works in real life.

I was also wondering if anybody knew how well the Secure Guard scrambling feature worked. How foolproof is it?

You can reply either by email or news posting - I'll be looking for any responses.

Thanks in advance !
tag@public.compusult.nf.ca

Terry Greening
Human Resources Development Canada
email: tag@public.compusult.nf.ca

6659. Re: Anyone know U of G police FREQ?

Newsgroup: rec.radio.scanner
Date: 1994-12-11 18:32:07 UTC
From: dretzik@uoguelph.ca
Message-ID: <3cfgj7$311@nermal.cs.uoguelph.ca>
Source record: 264466

Sorry about that. U of G is University of Guelph, pretty much everyone in Ontario has heard of it so since Ontario (Canada) listeners were probably the ones that would help me with this I didn't bother to be more clear. You are right though, I should have been more clear in order to increase my chances of getting help. Would you be able to help me now, or do you only have information for American cities? Once again Bob I am sorry about that.

Dave
dretzik@uoguelph.ca

Bob Van hengel (MCFD77A@prodigy.com) wrote:
: Posting this PUBLICLY because you, like many, seem to assume that
: everyone in America knows where the U. of Whatever is.... If you want a
: frequency, I'd like to help, but I need a bit more than that. A State
: would help, and then what particular city the college is in.
: -

: MCFD77A@prodigy.com

6660. Re: PRO-2035 Anyone?

Newsgroup: rec.radio.scanner
Date: 1994-12-11 19:09:51 UTC
From: markn@netcom.com
Message-ID: <marknD0nuKF.5Is@netcom.com>
Source record: 264339

5leitgeb_c@spcvxb.spc.edu writes:

>In article <3c05b0$qrv@news1.digex.net>, synchro@access4.digex.net (Steve) writes:
>> Subject: PRO-2035 Anyone?
>> Newsgroups: alt.radio.scanner
>> Organization: Express Access Online Communications, Greenbelt, MD USA
>> Summary:
>> Keywords:
>>
>> Has anyone tried out the PRO-2035 - I think it replaced the legendary
>> 2006 model ? Any mods for the 2035 to complete the 30-1000 range?
>>
>> Thanks in advance,
>>
>> Steve
>>
> The PRO-2035 is the replacement for the PRO-2006. I own a 2006
>and I am very impressed with its performance and ease of modification.
>However, in order to comply with Federal laws concerning the monitoring
>of cellular phones, the 2035 is suppose to be unmodifiable. The
>cellular phone bands are permanently locked-out and cannot be restored.
> While I have not had hands-on experience with the 2035, I have read
>a review on it in Monitoring Times (Oct '94) which says that its
>performance is equal to that of the 2006, plus it has the advantage
>of 1000 channels, a VFO, and a "search and store feature."
>If the cellular phones are not important to you, you should seriously
>consider the 2035. However, if you want to monitor the cellular bands, try
>to find a used 2006.

I have a new Pro-2035 on the way. Can't wait to try it out. I do have
several Pro-2006 and Pro-2004 scanners. It will be interensting to see
if the 2035 is any better. As for opening up all the bands, I did hear that
there was a European model that does have the cellular band enables. Rember
the new law states "easily modified" the term "easy" will be intersting to
see if someone attempts to redefine the word. In any case, is there are models
out there that can received the callular band then I am sure the 2035 can be
modified.

Mark.

--
Mark Newton
INTERNET AT WORK: mark@telemate.com
INTERNET AT HOME: markn@netcom.com

6661. Locating repeater input frequencies..

Newsgroup: rec.radio.scanner
Date: 1994-12-11 19:48:45 UTC
From: WALLY@ukcc.uky.edu
Message-ID: <17089D04DS86.WALLY@ukcc.uky.edu>
Source record: 264467
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I have become interested in finding the local Police's input frequencies so I can either identify units very close to my proximity, or to see if they really do sometimes turn off the repeater activating PL tones and talk Simplex on the repeater inputs..

I am assuming that books such as Police Call only list repeater output frequencies? I have tried searching from 154.1 to 154.8 for known repeaters in the 154.815-.875 area..

Of course I'm also managing to pick up other rather strong signals that I can't identify.. *sigh* :) They don't have the same 'sound' as other stations I listen to regularly..

Any help is appreciated..

--- _
Walter _ //
R ⊗X/ Wally@POP.CC.UKY.EDU Wally@UKCC.UKY.EDU
Francis Francis@UKPR.UKY.EDU Francis@MIK.UKY.EDU

6662. Please help me with PRO2006

Newsgroup: rec.radio.scanner
Date: 1994-12-11 20:06:05 UTC
From: Pookie <76666.1001@CompuServe.COM>
Message-ID: <3cfm3ddih1@mhadg.production.compuserve.com>
Source record: 264468

I just got a pro2006 with no manual. Out of trial-and-error I have discovered that it must have 10 search banks where you can store an upper & lower freq in each one, but I'm not sure how to go about doing this. Also- it kind of looks like you can assign the 'priority' channel to any of the 400 channels- again, I don't know how to do this. Lastly- can someone tell me what the monitor, direct, and reset buttons are for?

Thank-you for your assistance.

--

*** P ***

6663. Freq's-Orlando. FLA airport

Newsgroup: rec.radio.scanner
Date: 1994-12-11 20:55:42 UTC
From: dctrhappy@aol.com
Message-ID: <3cfp0e$qcj@newsbf01.news.aol.com>
Source record: 264470

I think the airport is Orlando international..?? But does anyone have any police/fire/airport/airplane (each or all) for the Orlando area? Help is much apprec..!!
Thanks-!

6664. Re: Mods for Pro 2021

Newsgroup: rec.radio.scanner
Date: 1994-12-11 21:05:00 UTC
From: kazel@uiuc.edu
Message-ID: <kazel.1520.2EEB697B@uiuc.edu>
Source record: 264469

In article <D0nrLE.Kvy@cs.dal.ca> ac523@cfn.cs.dal.ca (Douglas W. Spurrell) writes:

>I have a Pro 2021 that I would like to mod for both cellular bands and
>Canadian Air Force freqs. I live near CFB Shearwater and would like to be
>able to monitor the SAR stuff. Email to AC523@cfn.cs.dal.ca.

While the PRO-2021 can be modified to scan the cellular band, the scanner
doesn't have the necessary electronics to receive in that range.
--
Mitch Kazel (N9HDQ) PHONE: (217) 333-1259
Department of Journalism EMAIL: kazel@uiuc.edu
University of Illinois WWW: http://ux1.cso.uiuc.edu/~kazel/

6665. Whats a 2-way radio?

Newsgroup: rec.radio.scanner
Date: 1994-12-11 21:07:01 UTC
From: stuecrwn@eku.acs.eku.edu
Message-ID: <1994Dec11.160701.4620@eku.acs.eku.edu>
Source record: 264473

I recieved this on another listserv that I am on and thought you all
might enjoy it!

Robert E. Corwin
Eastern Kentucky University

@@@

If you can get an exact quote from KCBS I'm sure the people on the radio prep mail list would LOVE to get hold of this most precious quote. <sigh> I think it's time somebody goes over to KCBS and explains exactly what radio *is*.

--
dk@crl.com "Eighty percent of success in show business is
San Francisco simply showing up." -- Woody Allen

6666. Re: Frequency of CB Channels

Newsgroup: rec.radio.scanner
Date: 1994-12-11 21:10:13 UTC
From: mulligan@ACM.ORG
Message-ID: <3cfprl$m80@hopper.acm.org>
Source record: 264471

miamipab@shadow.net (miamipab) asked:
> Can anybody tell me the frequencies of the more popular CB channels?

From the FAF - Frequently Asked Frequencies
on oak.oakland.edu /pub/hamradio/docs/misc/scanner.faf

Citizens Band [95.625]

Ch	Freq	Ch	Freq	Ch	Freq	Ch	Freq
1	26.965	11	27.085	21	27.215	31	27.315
2	26.975	12	27.105	* 22	27.225	32	27.325
3	26.985	13	27.115	23	27.255 -	33	27.335
4	27.005	* 14	27.125	24	27.235 -	34	27.345
5	27.015	15	27.135	25	27.245 -	35	27.355
6	27.025	16	27.155	* 26	27.265	36	27.365
7	27.035	17	27.165	27	27.275	37	27.375
8	27.055	* 18	27.175	28	27.285	38	27.385
9	27.065	19	27.185	29	27.295	39	27.395
10	27.075	20	27.205	* 30	27.305	40	27.405

* 26.995, 27.045, 27.095, 27.145, 27.195 => Remote Control
- note break in sequence (27.255 shared with R/C)

6667. Sports freq.

Newsgroup: rec.radio.scanner
Date: 1994-12-11 21:21:50 UTC
From: fr971@cleveland.Freenet.Edu
Message-ID: <3cfqhe$oa3@usenet.INS.CWRU.Edu>
Source record: 264472

Good afternoon. I'm looking for freq. of sports team
I would like specially NFL and NHL freq.
Thank's

6668. Motorola Advisor Software

Newsgroup: rec.radio.scanner
Date: 1994-12-11 21:25:15 UTC
From: bill2@net-works.com
Message-ID: <12111994.132515@net-works.com>
Source record: 264336

Regarding: Motorola Advisor Software
Request Reply: Yes -- Please Reply To -- House Master

[Here are your words ...
Looking for Motorola Pager(Advisor)Software.
Ron
[And in my brilliance, I respond with...

I have found 3 programs that can be used with a alpha numeric pager such as the advisor ... the one that sticks in my mind is a program called epage.zip and can be found along with the others on America Online.... (Thank god for a free 10 hour trial

6669. Inmarsat Satellites

Newsgroup: rec.radio.scanner
Date: 1994-12-11 21:36:00 UTC
From: paul.britton@satcom.mhs.oz.au
Message-ID: <332.301.120@satcom.mhs.oz.au>
Source record: 264452

```
* In a message originally to ALL, John Hartsell said:

> Would anybody be able to tell me if they have been able
> to receive any of the INMARSAT Satellites from the West
> Coast of California ? Has any one used a ICOM RC-R100
> for INMARSAT use ? Any Help ?

Hi john

I'd be interested in any feedback you get on the Inmarsat question as I have
two ICR-100's and listen to the Air Traffic Controller's off one of the
Australian Optus Satellites.

Paul

---------------------------------------------------------------------------
Internet: paul.britton@satcom.mhs.oz.au (Paul Britton)
Fidonet : 3:714/905
Satcom Australia Space & Satellite BBS
Sydney Australia 612-9050849 28.8k
612-9057694 28.8k
---------------------------------------------------------------------------
```

6670. Re: Flagler County Fla

Newsgroup: rec.radio.scanner
Date: 1994-12-11 22:15:05 UTC
From: rhuffman@freenet.columbus.oh.us
Message-ID: <3cftl9$bqm@acme.freenet.columbus.oh.us>
Source record: 264325

ScottSouva wrote:
: My folks just moved [retired] to Flagler County, Florida. Does anyone have any frequencies for
: this area. The notable cities nearby are St Augustine and Daytona Beach. Any help would be much
: appreciated. They have a 2006 with a lot of empty channels.

: Thank you.

Have them go to their local Radio Shack and pick up the New Radio Call book.
It will have all the local freqs for about 2 adjoining states.

: --
: / Scott D. Souva / Layton, Utah USA
: / KA2AEW / Southwest Research Institute
: / SSouva@XMission.Com / Research Analyst

--
I need a job.....
Happy Holidays......(plaintive grin...<:/{

6671. Re: Shielding pro2006

Newsgroup: rec.radio.scanner
Date: 1994-12-11 22:23:40 UTC
From: msanders@vt.edu
Message-ID: <msanders-111294182758@128.173.6.113>
Source record: 264326

> Does Javiation sell screening spray? I know Maplin Electronics used to,
> > mind you it was expensive :(
> have for you if you wanted.

Try spraymounting tinfoil on the inside of the unit. Just make sure it does
not touch any components.

6672. Frequency Spectrum

Newsgroup: rec.radio.scanner
Date: 1994-12-11 22:24:00 UTC
From: g9153402@huey.csun.edu
Message-ID: <3cfu60$sbi@nic-nac.CSU.net>
Source record: 264327
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

THE RADIO SPECTRUM

This is an approximate look, to help in searching frequencies on a scanner or shortwave radio. Just be aware, having the right frequency may not be enough, in tuning to a certain frequency. The time of day, atmospheric conditions, location, mode you're in (AM, SSB, Narrowband FM, Wideband FM, etc.), and your equipment, are also equally important. You'll find most transmissions are broadcasted in Narrow-band FM. Some main exceptions are shortwave (AM & SSB), commercial AM radio (AM), commercial FM radio (Wideband FM), television (Wideband FM), citizens band radio (AM & SSB), aeronautical communications (mostly AM), and some military VHF/UHF (Wideband FM). Most all scanners will pick a default mode for you, depending on what frequency band you are in. But many scanners also let you manually switch between modes (AM, FM, etc.) and frequency search spacing (5 khz, 12.5 khz, etc.) if the default modes are not correct. Happy Listening!!!

FREQUENCY USES/SERVICES
(in Megahertz unless
otherwise indicated)
---------- ----------

10 - 150 khz Military/government, submarine
(.01 - .15 MHz) communications.

150 - 535 khz Longwave Band, beacons, foreign broadcasts,
(.15 - .535 MHz) maritime.

535 - 1700 khz Your standard AM radio dial.
(.535 - 1.7 MHz)

1.7 - 30 Shortwave/High Frequency Band. Broadcasting,
two-way government, military and commercial
communications, amateur radio, CB radio (approx.
27 MHz), others.
Shortwave - Approx. Range Meter Band
1.8 - 2.0 160*
2.3 - 2.495 120
3.2 - 3.4 90
3.5 - 4.0 80*
3.9 - 4.0 75
4.75 - 5.06 60
5.9 - 6.2 49
7.0 - 7.3 40*

7.1 - 7.35 41
9.4 - 9.9 31
10.1 - 10.15 30*
11.6 - 12.1 25
13.57 - 13.87 22
14.0 - 14.35 20*
15.1 - 15.8 19
18.068 - 18.168 17*
17.48 - 17.9 16
18.9 - 19.02 15
21.0 - 21.45 15*
21.45 - 21.75 13
24.89 - 24.99 12*
25.6 - 26.1 11
28.0 - 29.7 10*
(In general, the lower shortwave frequencies
<higher meter band> are received better during
the night, while higher frequencies are re-
ceived better during the day. There are also
some amateur radio bands between many of these
shortwave bands(*). Consult a shortwave guide
for more detailed information.)

30 - 50 Very High Frequency Band. Government, business,
walkie-talkies. Also, cordless phones and
'baby monitors' found about 46 - 49 MHz.

50 - 54 Amateur radio 6 meter band.

54 - 72 TV Channels 2-4.
Channel 2 Audio (Wideband FM) 59.75
Channel 3 Audio (Wideband FM) 65.75
Channel 4 Audio (Wideband FM) 71.75

72 - 76 Manufacturing, remote control, eavesdropping
bugs, etc.

76 - 88 TV Channels 5-6.
Channel 5 Audio (Wideband FM) 81.75
Channel 6 Audio (Wideband FM) 87.75

88 - 108 Your standard FM radio dial.

108 - 136 Aeronautical communications (AM).

136 - 138 Satellites.

138 - 144 Military communications.

144 - 148 Amateur radio 2 meter band.

148 - 150.8 Military use.

150.8 - 174 Business, highway, law enforcement, government, weather, maritime.

174 - 216 TV Channels 7-13.
Channel 7 Audio (Wideband FM) 179.75
Channel 8 Audio (Wideband FM) 185.75
Channel 9 Audio (Wideband FM) 191.75
Channel 10 Audio (Wideband FM) 197.75
Channel 11 Audio (Wideband FM) 203.75
Channel 12 Audio (Wideband FM) 209.75
Channel 13 Audio (Wideband FM) 215.75

216 - 220 Maritime and aeronautical.

220 - 222 Land mobile communications.

222 - 225 Amateur radio.

225 - 400 Military aviation and space.

400 - 406 Military and government.

406 - 420 U.S. Government.

420 - 450 Amateur radio.

450 - 470 Ultra High Frequency Band. Business, industry, military, fire, government.

470 - 512 TV Channels 14-20, shared with law enforcement.

512 - 824 TV Channels 21-69.

824 - 849 Cellular telephones (receivers/handsets).

849 - 851 Aeronautical telephones (ground-based towers).

851 - 866 Business, public safety, trunked systems.

866 - 869 Public safety, law enforcement, trunked systems.

869 - 894 Cellular telephones (towers).
Note: Even though listening to cellular telephone calls is technically illegal in the United States, one will usually do better listening to calls on the tower frequencies, as opposed to the handset frequencies. This is because most cellular phones transmit less than one-watt of output. So unless the cellular phone is very close to you, you will have much more luck scanning the more powerful towers, which transmit/receive for each cell site.

894 - 896 Aeronautical telephones (handsets).
Note: In scanning airplane telephones, you will usually do better listening to the handset

frequencies, instead of the tower frequencies, unless you are very near a ground transmitter. But, in any event, call traffic heard on handset frequencies (which are transmitted from a high-powered transmitter on the aircraft) you may hear nothing at all, or many conversations, depending on your location and time of day.

896 - 901 Private land mobil units.

902 - 928 Land mobile, amateur radio, personal communication units, cordless telephones.

928 - 932 Radio paging.

935 - 940 Business radio.

941 - 944 Government and non-government fixed services.

944 - 952 Broadcasters' studio-to-transmitter links.

952 - 960 Private fixed services, paging.

960 - 1240 Aeronautical navigation.

1240 - 1300 Amateur radio.

1300 - 1350 Aeronautical navigation.

1350 - 1400 Radio location.

1400 - 1427 Radio astronomy.

1427 - 1429 Point-to-point, mobile, space.

1429 - 1660.5 Various satellite transmission uses.

1660.5 - 1668.4 Radio astronomy.

1668.4 - 1700 Meteorological aids.

1700 - 1850 Meteorological satellites, U.S. Government.

1850 - 1990 Fixed point-to-point, microwave.

1990 - 2110 Broadcast studio-to-transmitter links.

(end)

6673. Re: Listen in to Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-11 22:24:55 UTC
From: jlager@w8hd.org
Message-ID: <3cfu7n$gto@tango.w8hd.org>
Source record: 264192

wa2tpx@acy1.digex.net (Matt Wilson) writes:

>Anyone know of a way that I can call my home phone number and listen to
>my scanner? Is there some way that I could have the phone answer and
>"connect" me to my scanner?

Yes. Many phone answering machines have a feature where you can call
home and press a key on a touch tone phone, activating a room monitor
function. Place your scanner near the microphone used for recording your
outgoing message. My PhoneMate as well as many others include this feature.

Thanks for giving me new ideas for this.

Jim Lagerkvist
jlager@w8hd.org

6674. Int'l Broadcasters - E-Mail Addresses

Newsgroup: rec.radio.scanner
Date: 1994-12-11 22:25:11 UTC
From: g9153402@huey.csun.edu
Message-ID: <3cfu87$sbi@nic-nac.CSU.net>
Source record: 264328
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

E-Mail Addresses For Shortwave Broadcasters
(No guarantee for accuracy, though)

World Radio Network (satellite feed of international broadcasts)
wrn@cityscape.co.uk

IPS Australia
rwc@ips.oz.au

Radio For Peace International (Costa Rica)
rfpicr@nicarao.apc.org

Radio Havana
radiohc@tinored.cu

Radio Prague
cr@radio.anet.cz

Radio HCJB (Ecuador)
DX Partyline, The Latest Catch, and frequency matters,
e-mail to: rmcvicar@mhs.hcjb.com.ec for Rich McVivar.
jbeck@mhs.hcjb.com.ec for John Beck
English Department: english@mhs.hcjb.com.ec
ftp site: nw311.hcjb.com.ec

Italy
Nexus - International Broadcasting Association - (IRRS)
7,125 Khz
100020.1030@compuserve.com
100020.1013@compuserve.com Alfred Cotroneo

Radio Netherlands
letters@rnw.nl
letters@rn-hilversum.nl
Jonathan Marks: 3382983@mcimail.com

Radio New Zealand International
adrian@actrix.gen.nz
ajsainsbury@swell.actrix.gen.nz

Radio Sweden
wood@stab.sr.se George Wood
70247.3516@compuserve.com

BBC World Service
iac@bbc-ibar.demon.co.uk
World Wide Web: http://www.bbcnc.org.uk

Full Disclosure Live
fd@wwa.com Glen Roberts

Monitor Radio International (WCSN, WSHB, KHBI)
Letters/Reception Reports: letterbox@csms.com
Technical Questions: letterbox-tech@csms.com
WCSN Station Manager Bob Stessel: stes@wcsn.csms.com
KHBI Station Manager Doming Villar: doming@khbi.csms.com
WSHB Senior Station Manager Ed Evans: cee@wshb.csms.com
QSL Coordinator Judy Cook: judy@wshb.csms.com

Radio Free Europe/Radio Liberty
David Walcutt: walcuttd@rferl.org

Spectrum DX Program at WWCR Nashville
spectrum@overleaf.com
askspectrum@attmail.com
spectrumshow@genie.geis.com

Austria
Shortwave Panorama at Radio Austria International
kwp@ping.at (Wolf Harranth OE1 WHC)
wolf_harranth@p44.f22.n310.z2.fidonet.org
wolf.Harranth@p44.f22.n310.z2.st.co.at

Belgium
BRTN (Belgian Radio & Television - Dutch Language Network)
Radio Vlaanderen Internationaal
rvi@p5.f878.n292.z2.fidonet.org

Radio Denmark
rdk.ek@login.dknet.dk Erik Koie

Radio Finland
rfinland@yle.mailnet.fi

Germany
Deutsche Welle
harald.schuetz@dw.gmd.de
solbach@dw.gmd.de
Radio Ropa (DX-Report) dx-report@ng-box.wwb.sub.de

Honduras
Radio Copan International HRJA
71163.1735@compuserve.com

Radio Miami International WRMI
71163.1735@compuserve.com

WWCR, Nashville, TN
nmks01a@prodigy.com
nmks01b@prodigy.com Adam Lock

Contacting VOA and Worldnet by Electronic Mail

At this time, only a few public electronic mail addresses are available
for VOA and Worldnet. These are listed below.

We do not maintain a public directory service of electronic mail
addresses for members of our staff and we regret that we are not able
to respond to individual requests for electronic mail addresses.

Publicly Available Electronic Mail Addresses for VOA and Worldnet
==

General Information
----

info@VOA.GOV Electronic mail information server.
Send a message with the contents
"send help" to this address for
instructions on how to use this
service.

letters@VOA.GOV General correspondence to the Voice
of America and Worldnet Television
from outside the United States

letters-usa@VOA.GOV General correspondence to the Voice
of America and Worldnet Television
from the United States

pubaff@VOA.GOV Public Affairs Office for the Voice
of America and Worldnet Television

qsl@VOA.GOV VOA reception (QSL) reports from
outside the United States

qsl-usa@VOA.GOV VOA reception (QSL) reports from
the United States

VOA-Info-Request@VOA.GOV Use this address to request inclusion
in an irregular mailing list of VOA
and Worldnet public announcements.

Specific VOA Programs
----

agri@VOA.GOV Agriculture Today

cw@VOA.GOV Communications World

VOA-Europe@VOA.GOV VOAEurope Service (English)

VOA-Morning@VOA.GOV Worldwide English Morning Program

Broadcasts to Cuba
----

ocb@USIA.GOV Radio and TV Marti

VOA Internet Audio

The following electronic mail addresses are intended for users who
have questions or comments regarding the audio files available on
the VOA and Worldnet public server.

arabic_program@VOA.GOV Arabic

cantonese_program@VOA.GOV Cantonese

chinese_program@VOA.GOV Standard Chinese (Mandarin)

czech_program@VOA.GOV Czech

english_worldwide@VOA.GOV English worldwide program thread

french_program@VOA.GOV French-to-Africa

hindi_program@VOA.GOV Hindi

hungarian_program@VOA.GOV Hungarian

korean_program@VOA.GOV Korean

polish_program@VOA.GOV Polish

russian_program@VOA.GOV Russian

slovak_program@VOA.GOV Slovak

spanish_program@VOA.GOV Spanish

swahili_program@VOA.GOV Swahili

ukrainian_program@VOA.GOV Ukrainian

6675. Fast Food Frequencies - Brief List

Newsgroup: rec.radio.scanner
Date: 1994-12-11 22:26:08 UTC
From: g9153402@huey.csun.edu
Message-ID: <3cfua0$sbi@nic-nac.CSU.net>
Source record: 264329
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Since there has been quite a few posts wanting this data, here is a
list of fast food frequencies that is listed in the November issue of
Monitoring Times. But be aware, the FCC isn't exactly issuing frequencies
to every fast food chain for their own use, and that any fast food
restaurant can buy whatever low powered FM transmitters / receivers
they need for their store at an electronics shop. Anyway, just stick
the below in one of your scanner's channel banks, and see what comes
up. All this talk about food is getting me hungry.

Gourmet Restaurant Frequencies
------------------------------ ----------------------------------

Arby's 30.84 31.00 154.57
457.55 479.25

McDonald's 35.12 67.775 70.245
71.105 154.49 154.58
461.0375 463.2875 466.0375
468.2875 469.5125

Hardee's 30.84 31.00 35.02
151.685 151.805 464.0125
469.0125

Kentucky Fried Chicken 31.00 170.305 457.5375
457.5875

Taco Bell 30.84 154.57 465.8875

Wendy's 33.16 33.40 154.515

Burger King 30.84 457.55 465.8875
467.775

6676. Re: Flagler County Fla

Newsgroup: rec.radio.scanner
Date: 1994-12-11 22:32:22 UTC
From: rhuffman@freenet.columbus.oh.us
Message-ID: <3cfulm$e87@acme.freenet.columbus.oh.us>
Source record: 264330

Rick Huffman (rhuffman@freenet.columbus.oh.us) wrote:
: ScottSouva wrote:
: : My folks just moved [retired] to Flagler County, Florida. Does anyone have any frequencies for
: : this area. The notable cities nearby are St Augustine and Daytona Beach. Any help would be much
: : appreciated. They have a 2006 with a lot of empty channels.

: : Thank you.

: Have them go to their local Radio Shack and pick up the New Radio Call book.
: It will have all the local freqs for about 2 adjoining states.

I mean Police Call. Sorry

: : --
: : / Scott D. Souva / Layton, Utah USA
: : / KA2AEW / Southwest Research Institute
: : / SSouva@XMission.Com / Research Analyst

: --
: I need a job.....
: Happy Holidays......(plaintive grin...<:/{

--
I need a job.....
Happy Holidays......(plaintive grin...<:/{

6677. Re: The AR8000's computer interface (LONG!)

Newsgroup: rec.radio.scanner
Date: 1994-12-11 22:43:32 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3cfvak$ea2@sparc.occ.uky.edu>
Source record: 264331
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Flying Turtle (vhealey@crl.com) wrote:
: Jim I bought the interface from Johnathan over in England.

If I don't get one real soon from Grove, I'llorder one from him.

: As soon as I can find someone local that has a USA version who is able
: an willing to get together with me I will try to clone the European
: version to his.

Now that sounds really interesting!

Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

6678. Police Freqs in Amarillo

Newsgroup: rec.radio.scanner
Date: 1994-12-11 22:52:29 UTC
From: jrs@fc.hp.com
Message-ID: <3cfvrd$8td@tadpole.fc.hp.com>
Source record: 264332

I will be visiting Amarillo, TX over the holidays. Can anyone send me police and emergency frequencies for that city?

Thanks in advance,
John

6679. AR8000 mail list

Newsgroup: rec.radio.scanner
Date: 1994-12-11 23:02:41 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3cg0eh$ea2@sparc.occ.uky.edu>
Source record: 264334

Since the AOR AR8000 is starting to look like a radio that needs a user's group, can anyone set up a maillist so we owners can communicate easier?

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

6680. Re: Listen in to Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-11 23:21:22 UTC
From: xcetus@bga.com
Message-ID: <3cg1hi$4gf@edwin.bga.com>
Source record: 264335

In article <3cf5dm$i4o@news1.digex.net>,
Matt Wilson <wa2tpx@acy1.digex.net> wrote:
>Anyone know of a way that I can call my home phone number and listen to
>my scanner? Is there some way that I could have the phone answer and
>"connect" me to my scanner?
>Any thoughts/ideas on this one would be appreciated.
>73
>

This isn't any fancy mod or anything, but if you get one of those
answering machines (certain AT&T models) that allow you to listen in on
your home, you could set the scanner by the answering machine. The
listen-in feature was on some relatively inexpensive answering machines a
few years ago.

--
Chris Baleine

6681. AR8000

Newsgroup: rec.radio.scanner
Date: 1994-12-11 23:34:39 UTC
From: garyg@vanbc.wimsey.com
Message-ID: <19941211.54A5C0.15315@vanbc.wimsey.com>
Source record: 264363

My AR-8000 comments and opinions - not trying to start flame wars :)

- The audio is much better that the AR-1000 XLT.

- I find the VHF sensitivity is better than my AR-1000 even with the supplied antenna (which some have referred to as a dummy load). I normally carry my 8000 in my side pocket.

- I think the supplied antenna is broadband thus, any tuned antenna will do better at its resonant frequency than a broadband antenna.

- WARNING - don't use earphones if (in expert mode) you set squelch level on. This disables the squelch control and there is no safe way to set the volume control. I blasted my ears a couple of times before I realized what was happening. With the squelch level set to off, the squelch control works as you expect and can set squelch to minimum then adjust the volume safely.

- Battery life seems excellent. I used an overnight charge on an external charger before using the supplied AA cells. I got over seven (yes 7) hours use before the low battery warning came on! I was using walkman type head-phones for most of this time (less power used than with the speaker).

- Even with ni-cad cells, there seems to be good low battery warning time. I have noticed there is audio distortion also when voltage is low so this works as another warning!

- I do miss the scan/hold button that was on the AR-1000. There doesn't seem to be a nice simple way to to lock on a channel when in scan mode. The MONI (monitor) button on the side does stop scanning but it must be continuously held. Another way I have found is to press SRCH (search) then SCAN which will put it into non-scan mode without skipping over to another channel. Pressing the SCAN button will work but ONLY if there is no transmission on the channel. I usually just turn the squelch to minimum to lock onto a single frequency as the scanner is usually in my pocket and finding buttons is next to impossible!

- There is a leather case (yes REAL leather) available for the AR-8000 which I do recommend. It has clear plastic windows for access to the display and the buttons (side and front). It does make finding buttons by feel impossible but does provide some protection. It's much more substantial than the plastic one supplied with the AR-1000.

- So far, I havn't been able to figure out the intermediate frequency. I don't think it's 10.7Mhz. Using broadcast FM frequencies, I do find images 12.8Mhz above and below so the i.f. might be 6.4Mhz.

--
--
Gary Gagnon

Some day this .signature might actually be worth reading

6682. Discone or dipole better?

Newsgroup: rec.radio.scanner
Date: 1994-12-11 23:46:44 UTC
From: maverick@csulb.edu
Message-ID: <3cg314$r3k@garuda.csulb.edu>
Source record: 264337

I would like to put an outdoor antenna on my roof to increase reception for my Pro 2006 scanner. I live in a mid size city and can receive the major public service frequencies no problem with the stock telescoping indoor antenna. I would like to receive the more esoteric transmissions from portable radios like the School District, Community College etc. These are probably 1 watt radios transmitting within a 5 mile radius of me (no repeaters). I would also like to recieve transmissions from a major international airport approximately 50 miles away, as well as military aircraft transmissions from an air force base approximately 75-100 miles away, and 800-900 MHz trunked business systems.

I'm trying to decide between getting the Diamond D130J discone antenna and the Antennacraft Scantenna (I believe this is dipole -array or -cluster design), both sold by Grove Enterprises. If I'm interested in recieving only and never transmitting, which antenna would be superior for my purpose. I notice that the Diamond Discone is twice the price of the Antennacraft Scantenna, does this make it superior?

Thank you very much for your help. And thank you to all the people who have responded to my previous posts, I really appreciate the help. Feel free to email me directly if you'd like.

6683. Re: Please help me with PRO2006

Newsgroup: rec.radio.scanner
Date: 1994-12-12 00:13:21 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Dec11.191321@hnrc.tufts.edu>
Source record: 264340

In article <3cfm3ddih1@mhadg.production.compuserve.com>, Pookie
<76666.1001@CompuServe.COM> writes:
> I just got a pro2006 with no manual. Out of trial-and-error I
> have discovered that it must have 10 search banks where you can
> store an upper & lower freq in each one, but I'm not sure how to
> go about doing this. Also- it kind of looks like you can assign
> the 'priority' channel to any of the 400 channels- again, I don't
> know how to do this. Lastly- can someone tell me what the
> monitor, direct, and reset buttons are for?
>

See if your local RS can order one for you. If not, I suppose I could copy
mine. Direct is easy. Pick a channel. Press direct. Then up or down will
scan feom there. Monitor stores frequencies into the 10 monitor channels and
can later be moved to program channels.

6684. POCSAG INFO HERE

Newsgroup: rec.radio.scanner
Date: 1994-12-12 00:26:32 UTC
From: jeannopo@panix.com
Message-ID: <3cg5bo$f9v@panix.com>
Source record: 264341

This is some info on the POCSAG standard. I received it off the
net. I also have some other info with a schem for a decoder which takes
discriminator output from a scanner. Here is the file.

Xref: ukma alt.dcom.telecom:2089
Newsgroups: alt.dcom.telecom
Path: cunyvm!ukma!usenet.ins.cwru.edu!howland.reston.ans.net!spool.mu.edu!sgiblab!boy!sgw
From: sgw@boy.com (Steven Warner)
Subject: Re: GSC and POCSAG "standards"
Organization: RTFM / beachSystems, Sunnyvale, CA, USA
Date: Mon, 24 May 1993 22:01:03 GMT
Message-ID: <1993May24.220103.11415@boy.com>
References: <6mXT4B1w165w@dogbox.acme.gen.nz> <C7ILzv.qH@news.dtc.hp.com>
Lines: 186

From alt.radio.scanners...

The following summary describes the coding used on POCSAG pager
signals and may be of interest to those curious about what those ear-splitting
beeps and buzzes mean and how they encode data. This summary is
based on a very old text of the standard from my files; the current
text of the POCSAG standard is available as CCIR Radiopaging Format 1.

Note that some current POCSAG signals (so called Super-POCSAG)
transmit paging at 1200 or 2400 baud instead of the 512 baud I refer to
here, but use essentially a similar coding standard.

The interested USA reader is reminded that willfully intercepting
other than tone only paging is a violation of the ECPA with similar
penalties and criminal status to willfully intercepting cellular phone calls.

The interested reader is advised that at least two of Universal
Shortwave's RTTY reading devices (the M8000 and the new C-400) are
capable of reading at least the older 512 baud version of POCSAG paging,
so commercial devices for this purpose are currently being sold in
the USA.

And finally, much alphanumeric paging - particularly that installed
some time ago, uses a proprietary Motorola encoding format called
GOLAY which is quite different from POCSAG. The two can be told apart
by their baud rates - GOLAY is 600 baud.

POCSAG

First POCSAG stands for Post Office Code Standarization Advisory
Group. Post office in this context is the British Post Office
which used to be the supplier of all telecommunications services in

England before privatization.

POCSAG as defined in the standard, (original POCSAG) is 512 bits
per second direct FSK (not AFSK) of the carrier wave with +- 4.5 khz shift
(less deviation than that is used in some US systems). Data is
NRZ coded with the higher frequency representing 0 (space) and the
lower one representing 1 (mark).

The basic unit of data in a POCSAG message is the codeword which
is always a 32 bit long entity. The most significant bit of a codeword
is transmitted first followed immediately by the next most significant
bit and so forth. The data is NRZ, so that mark and space values (plus
and minus voltages) as sampled on the output of the receiver
discriminator at a 512 hz rate corrospond directly to bits in the
codeword starting with the MSB. (Note that the audio output circuitry
following the discriminator in a typical voice scanner may considerably
distort this square wave pattern of bits, so it is best to take the
signal directly off the discriminator before the audio filtering).

The first (msb) bit of every POCSAG codeword (bit 31) indicates
whether the codeword is an address codeword (pager address) (bit 31 = 0)
or a message codeword (bit 31 = 1). The two codeword types have
have different internal structure.

Message codewords (bit 31 = 1) use the 20 bits starting at bit
30 (bit 30-11) as message data. Address codewords (bit 31 = 0) use 18
bits starting at bit 30 as address (bits 30-13) and bits 12 and 11 as
function bits which indicate the type and format of the page. Bits 10 through
1 of both types of codewords are the bits of a BCH (31,21) block ECC
code computed over the first 31 bits of the codeword, and bit 0
of both codeword types is an even parity bit.

The BCH ECC code used provides a 6 bit hamming distance between
all valid codewords in the possible set (that is every valid 32 bit
codeword differs from ever other one in at least 6 bits). This makes
one or two bit error correction of codewords possible, and provides
a robust error detection capability (very low chance of false pages).
The generating polynomial for the (31,21) BCH code is x**10 + x**9
+ x**8 + x**6 + x**5 + x**3 + 1.

Codewords are transmitted in groups of 16 (called batches), and
each batch is preceeded by a special 17th codeword which contains a
fixed frame synchronization pattern. At least as of the date of the
spec I have, this sync magic word was 0x7CD215D8.

Batches of codewords in a transmission are preceeded by a start
of transmission preamble of reversals (10101010101 pattern) which must
be at least 576 bits long. Thus a transmission (paging burst) consists
of carrier turnon during which it is modulated with 512 baud reversals
(the preamble pattern) followed by at least 576/512 seconds worth of
actual preamble, and then a sync codeword (0x7CD215D8), followed by 16
data/address codewords, another sync codeword, 16 more data/address

codewords and so forth until the traffic is completely transmitted. As far I am aware there is no specified postamble. I beleive that all 16 of the last codewords of a transmission are always sent before the carrier is shut off, and if there is no message to be sent in them the idle codeword (0x7A89C197) is sent. Later versions of the standard may have modified this however.

In order to save on battery power and not require that a pager receive all the bits of an entire transmission (allowing the receiver to be turned off most of the time, even when a message is being transmitted on the channel) a convention for addressing has been incorperated which splits the pager population into 8 groups. Members of each group only pay attention to the two address code words following the synch codeword of a block that corrospond to their group. This means that as far as addressing is concerned, the 16 codewords in a batch are divided into 8 frames of two codewords apiece and any given pager pays attention only to the two in the frame to which it assigned.

A message to a pager consists of an address codeword in the proper two codeword frame within the batch to match the recipients frame assignment (based on the low three bits of the recipient's 21 bit effective address), and between 0 and n of the immediately following code words which contain the message text. A message is terminated by either another address code word or an idle codeword. Idle codewords have the special hex value of 0x7A89C197. A message with a long text may potentially spill over between two or more 17 codeword batches.

Space in a batch between the end of a message in a transmission and either the end of the batch or the start of the next message (which of course can only start in the two correct two codeword frame assigned to the recipient) is filled with idle codewords. A long message which spills between two or more batches does not disrupt the batch structure (sync codeword and 16 data/address code words - sync code word and 16 data/address codewords and so forth) so it is possible for a pager not being addressed to predict when to next listen for its address and only turn on it's receiver then.

The early standard text I have available to me specifies a 21 bit address format for a pager (I beleive this has been extended since) with the upper 18 bits of a pager's address mapping into bits 30-13 of the address codeword and the lower 3 bits specifiying which codewords within a 17 codeword batch to look at for possible messages. The address space is further subdivided into 4 different message classes as specified by the function bits (bits 12 and 11 of a codeword). These address classes corrospond to different message types (for example bits 12 and 11 both zero indicate a numeric message encoded in 4 bit BCD, whilst bits 12 and 11 both set to 1 indicate an alpha message encoded in 7 bit ASCII). It was apparently envisioned that a given pager could have different addresses for different message types.

There are two message coding formats defined for the text of messages, BCD and 7 bit ASCII. BCD encoding packs 4 bit BCD symbols 5 to a codeword

into bits 30-11. The most significant nibble (bits 30,29,28,27) is the leftmost (or most significant) of a BCD coded numeric datum. Values beyond 9 in each nibble (ie 0xA through 0xF) are encoded as follows:

0xA Reserved (probably used for something now - address extension ?)
0xB Character U (for urgency)
0xC " ", Space (blank)
0xD "-", Hyphen (or dash)
0xE ")", Left bracket
0xF "(", Right bracket

BCD messages are space padded with trailing 0xC's to fill the codeword. As far as I know there is no POCSAG specified restriction on length but particular pagers of course have a fixed number of characters in their display.

Alphanumeric messages are encoded in 7 bit ASCII characters packed into the 20 bit data area of a message codeword (bits 30-11). Since four seven bit characters are 21 rather than 20 bits and the designers of the standard did not want to waste transmission time, they chose to pack the first 20 bits of an ASCII message into the first code word, the next 20 bits of a message into the next codeword and so forth. This means that a 7 bit ASCII character of a message that falls on a boundary can and will be split between two code words, and that the alignment of character boundaries in a particular alpha message code word depends on which code word it is of a message. Within a codeword 7 bit characters are packed from left to right (MSB to LSB). The LSB of an ASCII character is sent first (is the MSB in the codeword) as per standard ASCII transmission conventions, so viewed as bits inside a codeword the characters are bit reversed.

ASCII messages are terminated with ETX, or EOT (my documentation on this is vague) and the remainder of the last message codeword is padded to the right with zeros (which looks like some number of NULL characters with the last one possibly partial (less than 7 bits)).

The documentation I have does not specify how long a ASCII message may be, but I suspect that subsequent standards have probably addressed the issue and perhaps defined a higher level message protocol for partitioning messages into pieces. The POCSAG standard clearly does seem to allow for the notion of encoding messages as mixed strings of 7 bit alpha encoded text and 4 bit BCD numerics, and it is at least possible that some pagers and paging systems use this to reduce message transmission time (probably by using some character other than ETX to delimit a partial ASCII message fragment).

6685. Re: Int'l Broadcasters - E-Mail Addresses

Newsgroup: rec.radio.scanner
Date: 1994-12-12 00:49:34 UTC
From: MCFD77A@prodigy.com
Message-ID: <3cg6mu$8i4@usenetw1.news.prodigy.com>
Source record: 264343

Thanks Berton. One hell of a good job!!

6686. PRO 43 4SALE

Newsgroup: rec.radio.scanner
Date: 1994-12-12 00:58:00 UTC
From: Cono.A.Delrosso@f592.n107.z1.fidonet.org
Message-ID: <64a_9412131001@nisc.fidonet.org>
Source record: 264398

Pro 43 hand held portable scanner for sale, Never modded, has the 800mhz but not the cellular, but there are ways to get the cellular to work.. I beleave there is a way to do it from the keypad, but im not shure how it's done. $200.00 OBO 201-614-8662

Cono

6687. Re: Anyone know U of G police FREQ?

Newsgroup: rec.radio.scanner
Date: 1994-12-12 01:12:39 UTC
From: jmichael@uoguelph.ca
Message-ID: <3cg827$ddj@nermal.cs.uoguelph.ca>
Source record: 264344

Bob Van hengel (MCFD77A@prodigy.com) wrote:
: Posting this PUBLICLY because you, like many, seem to assume that
: everyone in America knows where the U. of Whatever is.... If you want a
: frequency, I'd like to help, but I need a bit more than that. A State
: would help, and then what particular city the college is in.
: -

: MCFD77A@prodigy.com

Bob -

Had you looked at Dave's message header carefuly, you would have seen
that his post originated in Canada, not the United States. There is life
beyond the 49th parallel.

[Flame Away]

Jesse

--
==
Jesse S. Michaels at = Canada....The TRUE North Strong and Free!
The University of Guelph, = "Neither Capitalism nor Socialism can
Guelph, Ontario, Canada = pretend to be an ideology. They are merely
jmichael@uoguelph.ca = methods for dividing ownership and income."
= John Ralston Saul in "Voltaire's Bastards"
Political Sci Guy and Proud! = Am Yisrael Chai!
==

6688. Re: wx on 410.1 & 416.375

Newsgroup: rec.radio.scanner
Date: 1994-12-12 01:47:05 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D0oCyH.7MI@nntpa.cb.att.com>
Source record: 264346
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <3cg8jm$5r@news1.shell>,
mic <mic@shell.portal.com> wrote:

>Anyone know why I am receiving WX braodcasts on
>
> 410.100
> 416.375
>
>????

Where do you live? If you are in the USA, the following information is
relevent:

us: commerce, nws link for noaa wx radio
[birmingham, al]____ 415.9000_____call? (others)
" " 416.3750_____call? (others)
" [charlotte, nc]_____ 410.1000_____call? (others)
--

==========
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6689. do REGULAR alkaline battery chargers work ?

Newsgroup: rec.radio.scanner
Date: 1994-12-12 01:53:09 UTC
From: SYJERRY@duq3.cc.duq.edu
Message-ID: <3cgae5$92o@godot.cc.duq.edu>
Source record: 264345
Cross-posted to: rec.radio.scanner,misc.consumers

I saw today at Walmart an Alkaline battery recharger, which claims
that it can recharge REGULAR (note again, REGULAR, not those Ray-o-vac
rechargeables) alkaline batteries for up to 10 times.

anybody tried that yet ? do they work ?
the charger is also supposed to work with NiCad batteries.

jerry

6690. Re: do REGULAR alkaline battery chargers work ?

Newsgroup: rec.radio.scanner
Date: 1994-12-12 02:01:13 UTC
From: schuster@panix.com
Message-ID: <3cgat9$hiv@panix3.panix.com>
Source record: 264347
Cross-posted to: rec.radio.scanner,misc.consumers

In article <3cgae5$92o@godot.cc.duq.edu>,
Sy Jerry <SYJERRY@duq3.cc.duq.edu> wrote:
>I saw today at Walmart an Alkaline battery recharger, which claims
>that it can recharge REGULAR (note again, REGULAR, not those Ray-o-vac
>rechargeables) alkaline batteries for up to 10 times.
>
>anybody tried that yet ? do they work ?
>the charger is also supposed to work with NiCad batteries.

There have been several varieties of this, with brand names of Buddy-L,
Innovations, Eco Charger, and yes ... even Remington (the shaver people).

They really don't do much. What they will do is rejuvenate a very
slightly used alkaline batery. Someone posted a comprison in which he
charged batteries in the Buddy-L and left a control set on the shelf.
There was little difference.

I've played with one of these and it does "top off" the cell, but the
shelf life on the "recharge" is poor and you'd have to recharge each cell
after every light use.

If you want to recharge alkalines, get the Rayovacs and the charger made
for them.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6691. "K"

Newsgroup: rec.radio.scanner
Date: 1994-12-12 02:04:03 UTC
From: Marc Richard Wollemborg <mrw13@columbia.edu>
Message-ID: <Pine.SUN.3.91.941210165538.4461A-100000-100000@namaste.cc.columbia.edu>
Source record: 264348

On many of the emergency services frequencies in my area, I've often heard the dispatcher and the various units call each other "K". What does this stand for?

-Marc Wollemborg
<mrw13@columbia.edu>

6692. Re: Pro 32 Mods

Newsgroup: rec.radio.scanner
Date: 1994-12-12 02:25:02 UTC
From: jrg@rational.com
Message-ID: <3cgc9u$8p@rational.rational.com>
Source record: 264350

>
>I too share your views on the Pro-32 I've dragged mine through hell and
>back. I've been looking for a mod as well now for some time and my post
>is unanswered as well. I would be happy enough just knowing if the mod
>exists. If I come across anything I will surely let you know.
>
>Does anyone else out there own a Pro-32 ?
>
>Regards,
>Vince Mackenzie, Firefighter III
>Grand Falls - Windsor, Newfoundland, Canada
>1994 NFPA Learn Not To Burn Champion
>
>
I've had one for about 7 years and it too has been to hell and back and it keeps on ticking.

I'm a newbie to this group and would be interested in knowing what kinds of mods your looking for a Pro-32. i.e. what types of communications would you like to pick up that the Pro-32 cannot already pick-up ? cellular ? other ?

Jim Gillespie	
Rational Software Corp.	The only reason some people get
Melbourne Beach, FL	lost in thought is because it is
407-723-2674	unfamiliar territory.
Email: JRG@RATIONAL.COM	

| MY COMMENTS ARE MY OWN AND DO NOT NECESSARILY REPRESENT THOSE OF RSC |

6693. Kelly & Lackland AFB, Texas frequencies

Newsgroup: rec.radio.scanner
Date: 1994-12-12 02:38:32 UTC
From: kc5iuz@n8naa.sat.tx.us
Message-ID: <X797wc4w165w@n8naa.sat.tx.us>
Source record: 264354

```
-----BEGIN PGP SIGNED MESSAGE-----

Does anyone have any frequencies for Kelly or
Lackland AFB in Texas? Any frequencies will
be appreciated.

-----BEGIN PGP SIGNATURE-----
Version: 2.3

iQCVAgUBLuu4TM0KcJR+F3VZAQEONQP+IDnzrNH419oI28efLjT1dmZyIuHC3UkP
eja10ze9wQrBx9EsZokhkqgQEn6qB/xV6XfywnOSHWLtTdlYoR1wti/WweNaOqXz
LvHBghoMnc1X3s9gg5Am/VlCc0TYgulF/UtnFmDmidpP+vDeOeWE+gPwQPuJhVTk
1ENGc7P59Tk=
=T/x6
-----END PGP SIGNATURE-----

--------------------------------------------------------------------------
C/Amn Nicholas McLarty, KC5IUZ
mcs@cyberspace.org
n8naa!kc5iuz@datapoint.com
Texas 882nd AFJROTC Group
William Howard Taft High School: San Antonio, Texas

For public PGP key, finger mcs@cyberspace.org or e-mail an address above
PGP Fingerprint C8 8D 9A D6 E2 7A BE 61 63 D5 11 6B 5F AC 7E 2B
```

6694. Anyone wanna buy a Pro2006?

Newsgroup: rec.radio.scanner
Date: 1994-12-12 02:48:11 UTC
From: usa@max.tiac.net
Message-ID: <3cgdlb$k23@sundog.tiac.net>
Source record: 264352

It's about 2 months old with only like 10 hours of use.. It IS CELLULAR modified... I just don't have time for scanning like I used to..

JAke

6695. Re: Scanning on passenger planes

Newsgroup: rec.radio.scanner
Date: 1994-12-12 03:00:14 UTC
From: kc5iuz@n8naa.sat.tx.us
Message-ID: <4707wc5w165w@n8naa.sat.tx.us>
Source record: 264355

adamatt@aol.com (AdaMatt) writes:

> In article <3cbi82$dtk@newsbf01.news.aol.com>, dctrhappy@aol.com
> (DctrHappy) writes:
>
> <is it legal; is this interestin; what's the easiest way to do this?>
>
> dctrhappy: I think it's illegal, but I do it all the time. Just hide the
> scanner and you should be safe. It's really only interesting in the
> departure city before you get off the ground. The easiest way to do it is
> to programm your scanner with the freqs before yoou get there.(It's time
> consuming sometimes) Hope I was able to help!
>
> AdaMatt@aol.com

According to the airline I fly (Delta), and I think they took it from
FAA regulations, SCANNERS, that being VHF/UHF receiving units are legal
to operate during all courses of the flight except taxi, takeoff, initial
ascent, initial approach, final approach, and landing. However, amateur
radios, CB's, or personal two-way radios are not permitted at all.

C/Amn Nicholas McLarty, KC5IUZ
mcs@cyberspace.org
n8naa!kc5iuz@datapoint.com
Texas 882nd AFJROTC Group
William Howard Taft High School: San Antonio, Texas

For public PGP key, finger mcs@cyberspace.org or e-mail an address above
PGP Fingerprint C8 8D 9A D6 E2 7A BE 61 63 D5 11 6B 5F AC 7E 2B

6696. Fast Food Frequencies - Brief List

Newsgroup: rec.radio.scanner
Date: 1994-12-12 03:02:52 UTC
From: scan911@aol.com
Message-ID: <3cgegs$3kk@newsbf02.news.aol.com>
Source record: 264353
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Anybody happen to know who manufactures the drive-through window radio systems? And where they can be contacted? Anybody on here flipping burgers and can sneak a peek?

```
|
|
--|--
/|\
___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in the GREATER PHILADELPHIA area!

6697. Re: do REGULAR alkaline battery chargers work ?

Newsgroup: rec.radio.scanner
Date: 1994-12-12 03:34:59 UTC
From: sulistio@futon.SFSU.EDU
Message-ID: <3cggd3$br3@nic-nac.CSU.net>
Source record: 264356
Cross-posted to: rec.radio.scanner,misc.consumers

In article <3cgae5$92o@godot.cc.duq.edu> SYJERRY@duq3.cc.duq.edu (Sy Jerry) writes:
>I saw today at Walmart an Alkaline battery recharger, which claims
>that it can recharge REGULAR (note again, REGULAR, not those Ray-o-vac
>rechargeables) alkaline batteries for up to 10 times.
>
>anybody tried that yet ? do they work ?
>the charger is also supposed to work with NiCad batteries.

there is a review of this kind of battery in the consumer reports (something
w/ consumer, dont remember the name of the magazine) recently. check it out
at your local library.

--
Mul | Alt. address: sulistio@chop.isca.uiowa.edu
sulistio@futon.sfsu.edu | Compu$erve id 73232,1324
#include "std/disclaimer.h" |
>Genius is one per cent inspiration and ninety-nine per cent perspiration.

6698. Re: Scanning on passenger planes

Newsgroup: rec.radio.scanner
Date: 1994-12-12 05:04:13 UTC
From: tonyrush@bga.com
Message-ID: <3cglki$ofa@giga.bga.com>
Source record: 264357

In <4707wc5w165w@n8naa.sat.tx.us>, kc5iuz@n8naa.sat.tx.us (Nicholas McLarty) writes:
>adamatt@aol.com (AdaMatt) writes:
>
>> In article <3cbi82$dtk@newsbf01.news.aol.com>, dctrhappy@aol.com
>> (DctrHappy) writes:
>>
>> <is it legal; is this interestin; what's the easiest way to do this?>
>>
>> dctrhappy: I think it's illegal, but I do it all the time. Just hide the
>> scanner and you should be safe. It's really only interesting in the
>> departure city before you get off the ground. The easiest way to do it is
>> to programm your scanner with the freqs before yoou get there.(It's time
>> consuming sometimes) Hope I was able to help!
>>
>> AdaMatt@aol.com
>
>According to the airline I fly (Delta), and I think they took it from
>FAA regulations, SCANNERS, that being VHF/UHF receiving units are legal
>to operate during all courses of the flight except taxi, takeoff, initial
>ascent, initial approach, final approach, and landing. However, amateur
>radios, CB's, or personal two-way radios are not permitted at all.
>

I'm not sure as to why but there always seems to be a lot of irrational
fear in using handhelds on planes. No scanner is going to cause the
airplane to crash! The worst that can happen is that you will interfere
in the VORTAC or GPS systems (unlikely). If that were to happen, they
may experience some intermittent problems with their navigational
equipment only. If that were to happen, I would expect them to ask
passenger's to turn off lap-tops and Walkmans. Critical systems are
designed to be immune to low level EMI.

The FAA regulations are a direct result of some accident being blamed on or
a pilot complaining of EMI interfering with the airplane's avionics. The FAA
will usually take the over-cautious position and ban anything even remotely
suspected of causing a problem.

-Tony Rusho

6699. Re: Scanning on passenger planes

Newsgroup: rec.radio.scanner
Date: 1994-12-12 05:20:01 UTC
From: jdangel@denali.ccs.neu.edu
Message-ID: <3cgmi1$e6m@chaos.dac.neu.edu>
Source record: 264358

>I hope we never share an airplane! Signals from the scanner can screw up
>the airplane's systems and you could die.

NOT.

I find it hard to believe considering:
- Scanners do not transmit and the amount of RF that they could
emit is regulated to pass FCC regulations before product release.

- Certainly a laptop computer emits more RF. Try listening to your
walkman next to one. (at least mine)

- The airlines are merely taking precautions when they tell you to
turn off all electronic equipment during takeoff and landing.
To my knowledge there has never been an incident concerning this.

Please correct me if I am wrong on any of these...

Jeff - Who is planning on scanning his next flight this week.

6700. Re: Discone or dipole better?

Newsgroup: rec.radio.scanner
Date: 1994-12-12 05:31:35 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Dec12.053135.452@hpcvaac.cv.hp.com>
Source record: 264359

maverick@csulb.edu (Hiran C. Fernando) writes:
: I would like to put an outdoor antenna on my roof to increase
: reception for my Pro 2006 scanner. I live in a mid size city and can
: receive the major public service frequencies no problem with the stock
: telescoping indoor antenna. I would like to receive the more esoteric
: transmissions from portable radios like the School District, Community
: College etc. These are probably 1 watt radios transmitting within a 5
: mile radius of me (no repeaters). I would also like to recieve transmissions
: from a major international airport approximately 50 miles away, as well
: as military aircraft transmissions from an air force base approximately
: 75-100 miles away, and 800-900 MHz trunked business systems.

50 miles is pushing it, for VHF frequencies - 75-100 miles is unlikely,
unless they are using lower frequencies. You might be able to receive
the aircraft transmissions however.

Remember that most frequencies that can be received by scanners are line
of sight.

: I'm trying to decide between getting the Diamond D130J discone antenna
: and the Antennacraft Scantenna (I believe this is dipole -array or
: -cluster design), both sold by Grove Enterprises. If I'm interested in
: recieving only and never transmitting, which antenna would be superior
: for my purpose. I notice that the Diamond Discone is twice the price of
: the Antennacraft Scantenna, does this make it superior?

A dipole will have gain over a discone, but will not be as broadbanded.
The dipole will receive frequencies for which it is not tuned, but at
a reduced level.

Bill

6701. Mod for Bearcat 2500XLT wanted.

Newsgroup: rec.radio.scanner
Date: 1994-12-12 06:05:17 UTC
From: stahara@xlate.hsc.usc.edu
Message-ID: <3cgp6t$gj1@xlate.hsc.usc.edu>
Source record: 264361

Can anyone help? I downloaded the mod from oak.oakland.edu
which mentioned that there are two circuit boards for this
model. The mod described the modification for only one. I
am assuming that I have a later version BC2500XLT. Is there
a mod or am I SOL?

Would appreciate any help.

Thanks in advance.

--
|Stan Tahara Dept. of Microbiology |
|Phone: (213)-342-1722 USC School of Medicine |
|FAX: (213)-342-1721 stahara@xlate.hsc.usc.edu |
********** AGUACUGCUAAUUUAGAUUAU ACUGCCCAUGCACGUGAG**********

6702. AR-1500 scanner FS

Newsgroup: rec.radio.scanner
Date: 1994-12-12 06:10:29 UTC
From: thugwold@netcom.com
Message-ID: <thugwoldD0op5H.ME8@netcom.com>
Source record: 264360
Cross-posted to: rec.radio.scanner,alt.radio.scanner,dfw.forsale,misc.forsale

AOR AR-1500 hand-held scanner.

500kHz-1.3gigHz continuous - no gaps
Super clean, no scratches.
includes box, instructions, warranty cards

$200

6703. BC55xlt?

Newsgroup: rec.radio.scanner
Date: 1994-12-12 07:11:34 UTC
From: mward@jove.acs.unt.edu
Message-ID: <3cgt36$mh5@hermes.unt.edu>
Source record: 264362

Can you do anything interesting with a bearcat 55xlt?

Mike.

--
----| Please use PGP if you have it, big brother is watching |----
"The liberty of the individual must be thus far limited, he must
not make himself a nuisance to others." - John Stuart Mill
-----| mward@jove.acs.unt.edu -- mward@vaxb.acs.unt.edu |-----

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6

mQCNAy6wcfoAAAEEAMrYMpB7SFC3QniX01vmFyMjgvm5uuGHGb/LmdVPygKEq/ji
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AffI4QrpNoxsaLR4AXip8uUPfIy2rkWMc/awyR+HxlZVHfpqZh1myTk/o5nhAAUR
tChNaWNoYWVsIEEuIFdhcmQgPG13YXJkQGpvdmUuYWNzLnVudC5lZHU+
=m61Y
-----END PGP PUBLIC KEY BLOCK-----

6704. Re: Scanning on passenger

Newsgroup: rec.radio.scanner
Date: 1994-12-12 08:43:21 UTC
From: michael.ayotte@netcom.com
Message-ID: <michael.ayotte-1212940043210001@rsg-av.com>
Source record: 264365

In article <60.12263.5773.0N1C3204@canrem.com>, walter.olechny@canrem.com
(Walter Olechny) wrote:

> -=> Quoting Dctrhappy@aol.com to All <=-
>
> Dc> Dc> Is this legal? Is this interesting? What's the easiest way to
gather
> Dc> freq's for a trip? Thanks for any replies..! :-)
>
> It's not a wise thing to do. It interferes with the planes communication
> system.The usually say at the begining of the flight no walkmans,scanners....

It is acceptable to start up your laptop or walkman during the flight,
just not during the takeoff or landing, but I would be more cautious of
scanners (or any reciever) because of the IF frequency. I am not sure if
it would cause any problems, but I would rather not give the pilot any
other things to worry about.

--

Michael Ayotte Riverview Systems Group
michael.ayotte@netcom.com San Jose Hilton & Towers
michael.ayotte@rsg-av.com I speak only for myself
woodstoc@netcom.com IRC:woodstoc
ftp://ftp.netcom.com/pub/woodstoc/sanjose.hilton.html

6705. Re: Frequency of CB Channels

Newsgroup: rec.radio.scanner
Date: 1994-12-12 08:47:01 UTC
From: michael.ayotte@netcom.com
Message-ID: <michael.ayotte-1212940047010001@rsg-av.com>
Source record: 264366

In article <3cfprl$m80@hopper.acm.org>, mulligan@ACM.ORG wrote:

>miamipab@shadow.net (miamipab) asked:
>> Can anybody tell me the frequencies of the more popular CB channels?
>
>From the FAF - Frequently Asked Frequencies
> on oak.oakland.edu /pub/hamradio/docs/misc/scanner.faf
>
>
>Citizens Band [95.625]
>
> Ch Freq Ch Freq Ch Freq Ch Freq
>
> 1 26.965 11 27.085 21 27.215 31 27.315
> 2 26.975 12 27.105 * 22 27.225 32 27.325
> 3 26.985 13 27.115 23 27.255 - 33 27.335
> 4 27.005 * 14 27.125 24 27.235 - 34 27.345
> 5 27.015 15 27.135 25 27.245 - 35 27.355
> 6 27.025 16 27.155 * 26 27.265 36 27.365
> 7 27.035 17 27.165 27 27.275 37 27.375
> 8 27.055 * 18 27.175 28 27.285 38 27.385
> 9 27.065 19 27.185 29 27.295 39 27.395
> 10 27.075 20 27.205 * 30 27.305 40 27.405
>
>
> * 26.995, 27.045, 27.095, 27.145, 27.195 => Remote Control
> - note break in sequence (27.255 shared with R/C)

I thought that channels 38, 39 and 40 were not in order (there frequencies
are switched). IS this not the case?

--

Michael Ayotte Riverview Systems Group
michael.ayotte@netcom.com San Jose Hilton & Towers
michael.ayotte@rsg-av.com I speak only for myself
woodstoc@netcom.com IRC:woodstoc
ftp://ftp.netcom.com/pub/woodstoc/sanjose.hilton.html

6706. Re: Scanning on passenger

Newsgroup: rec.radio.scanner
Date: 1994-12-12 12:29:17 UTC
From: jstone@iglou.iglou.com
Message-ID: <D0p6ou.I5w@iglou.com>
Source record: 264368

To: dctrhappy@aol.com (DctrHappy)
Subject: Re: Scanning on passenger planes

>From: dctrhappy@aol.com (DctrHappy)

D>Is this legal? Is this interesting? What's the easiest way to gather
>freq's for a trip? Thanks for any replies..! :-)

It's legal on some airlines, and on some it's not, what's interesting is
they all site the same FAA rules as to why they do or don't allow it! I
know Delta allows it, but only after they are airborne at cruising
altitude. You should check with the airline your flying on.

It's interesting if you like to listen to aviation freqs.

You could always scan 108-136 mhz, or if you have a pilot friend you
could see if she or he will provide you with some freqs.

I fly Delta so I do some monitoring to pass away time on long flights.
Also being so high so you can pick up lots of different bands.

Good Luck,

John Stone

• QMPro 1.52 • Dragon Lady -Dance with the lady, fight with the dragon

--

6707. help santa barbara county freq

Newsgroup: rec.radio.scanner
Date: 1994-12-12 13:33:34 UTC
From: jrc@nrel.nrel.gov
Message-ID: <jrc.3.000D8FA8@nrel.nrel.gov>
Source record: 264286

Can anyone supply me with freqs for Santa Barbara County CA. Pls e-mail me the list or tell me where they can be found to jrc@nrel.nrel.gov

6708. Re: ICOM scanners, any good?

Newsgroup: rec.radio.scanner
Date: 1994-12-12 13:50:43 UTC
From: rharding@olympus.net
Message-ID: <rharding.17.000DD8D5@olympus.net>
Source record: 264299
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <kewei.7.0035CF72@interport.net> kewei@interport.net (Ke-Wei Ma) writes:
>From: kewei@interport.net (Ke-Wei Ma)
>Subject: ICOM scanners, any good?
>Date: Sun, 11 Dec 1994 01:39:18 UNDEFINED

> I am interested in getting an IC-R1. I was wondering if it is a good
>scanner. Is there any other scanners out there that covers the same range
>(100kHz - 1.3MHz, I believe) in a small,compact physical package that lacks
>the celluar lockout? I have a really old Uniden but it is just a huge clunker
>to carry around. Also, is there a performance difference between a
>locked-out
>R1 with a convertor and a unlocked R1?

>Thanks
>km
hello, I have a ICr100, and a ic-w21at. Both perform very well. If you are a
Ham, you can get the latter, a dual band HT, that the reciever covers cellular
and includes an AM detector. as far as available mods go, check ftp in
oak.oakland.edu in ham radio/mods

good luck. Ron

6709. Re: "K"

Newsgroup: rec.radio.scanner
Date: 1994-12-12 13:53:47 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3chklb$1o6@sparc.occ.uky.edu>
Source record: 264367

Marc Richard Wollemborg (mrw13@columbia.edu) wrote:

: On many of the emergency services frequencies in my area, I've often
: heard the dispatcher and the various units call each other "K". What
: does this stand for?

How about short for "OK"?

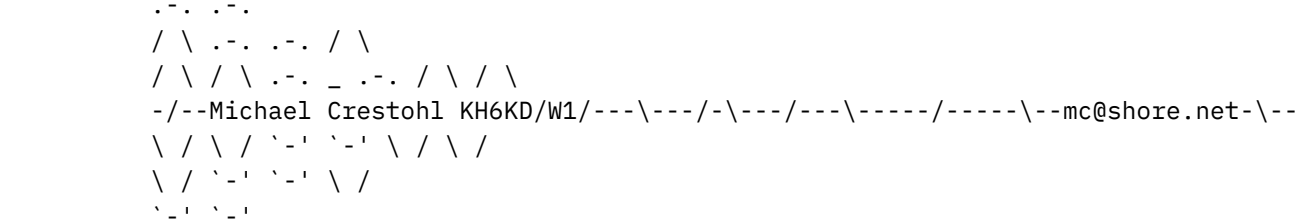
--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

6710. Philly POLICE 911 call transcripts

Newsgroup: rec.radio.scanner
Date: 1994-12-12 14:14:32 UTC
From: mc@shore.net
Message-ID: <3chls8$nd9@shore.shore.net>
Source record: 264369
Cross-posted to: rec.radio.scanner,alt.radio.scanner

>From: scan911@aol.com (SCAN911) \-(1)+-(1)
>[1] Philly POLICE 911 call transcripts \-(1)
>
>Here's a transcript of the now-famous Philadelphia Police 911 calls in
>which dispatchers were cited as rude. The rudeness is at 10:44:23.
>Enjoy!
>
>Chuck Gysi, N2DUP
>SCAN911@aol.com
>
>10:44:23 p.m.
>Dispatcher: Police 94
>Caller: We're in Fox Chase on Ridge way Street. They
>are beating the hell out of people with baseball bats up here. When are you
>going to send somebody?
>Dispatcher: Who's got a bat, sir?
>Caller: Who got a bat? Some gorilla. What the hell do you mean?
>Dispatcher: Wait a minute! Wait a minute! Don't talk to me like that. I
>asked you a question.
>Dispatcher: Who's got the bat? Is he white, black or Hispanic?
>Caller: There's a man with a bat ...

Is this what the fuss is all about? I read through the transcript of the
Phila 911 tapes and quite frankly I don't see any examples of excessive
rudeness. All I get here is some poor police dispatcher telling a caller
not to be rude. 911 dispatchers have to deal with all kinds of people in
a course of a shift and have to calm down the excited ones to be able to
extract the important facts from them. This transcript makes me wonder why
the police didn't show up a lot earlier. Of course, in Philadelphia, they
may have more urgent business to take care of. All I know is I'm glad I
don't live anywhere near Philadelphia!



6711. Re: Scanning on passenger planes

Newsgroup: rec.radio.scanner
Date: 1994-12-12 14:16:23 UTC
From: Bret A Pennington <bap@storm.atms.purdue.edu>
Message-ID: <Pine.A32.3.91.941212091328.29397C-100000@storm.atms.purdue.edu>
Source record: 264370

We just flew to Texas and back on 4 Continental
flights and although the regs said scanning was not allowed
the pilot told me that above 10,000 feet I could use it
and even gave me a frequency to use. Inside the cabin though
I could hardly pick up a thing. On the ground and in the airport
it was very active though.

BRET A. PENNINGTON/COMPUTER TECHNICIAN/EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 4-0678 / PURDUE UNIVERSITY WEST LAFAYETTE, INDIANA 47907
bap@mace.cc.purdue.edu BretP26328@aol.com BWWA68A@PRODIGY.COM
\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/\/\/\/\/\/\/\/\/\/

6712. Re: Radio Shack Address?

Newsgroup: rec.radio.scanner
Date: 1994-12-12 15:24:23 UTC
From: paul opitz <76703.2041@CompuServe.COM>
Message-ID: <3chpv8$q8s$1@mhadg.production.compuserve.com>
Source record: 264371

I recommend you call the store and ask for the name/number of the district office. Disciplinary matters like this are best handled as close to the source as possible. If you really want to talk to someone at HQ, you can call Radio Shack Customer Relations (817-390-3200). They will certainly know the specific party who should hear your complaint.

Paul Opitz

6713. Re: Discone or dipole better?

Newsgroup: rec.radio.scanner
Date: 1994-12-12 16:27:32 UTC
From: garyposs@bga.com
Message-ID: <3chtlk$hg7@giga.bga.com>
Source record: 264372

In article <1994Dec12.053135.452@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) says:
>
>maverick@csulb.edu (Hiran C. Fernando) writes:
>: I would like to put an outdoor antenna on my roof to increase
>: reception for my Pro 2006 scanner. I live in a mid size city and can
>: receive the major public service frequencies no problem with the stock
>: telescoping indoor antenna. I would like to receive the more esoteric
>: transmissions from portable radios like the School District, Community
>: College etc. These are probably 1 watt radios transmitting within a 5
>: mile radius of me (no repeaters). I would also like to recieve transmissions
>: from a major international airport approximately 50 miles away, as well
>: as military aircraft transmissions from an air force base approximately
>: 75-100 miles away, and 800-900 MHz trunked business systems.
>
>50 miles is pushing it, for VHF frequencies - 75-100 miles is unlikely,
>unless they are using lower frequencies. You might be able to receive
>the aircraft transmissions however.
>
>Remember that most frequencies that can be received by scanners are line
>of sight.
>
>: I'm trying to decide between getting the Diamond D130J discone antenna
>: and the Antennacraft Scantenna (I believe this is dipole -array or
>: -cluster design), both sold by Grove Enterprises. If I'm interested in
>: recieving only and never transmitting, which antenna would be superior
>: for my purpose. I notice that the Diamond Discone is twice the price of
>: the Antennacraft Scantenna, does this make it superior?
>
>A dipole will have gain over a discone, but will not be as broadbanded.
>The dipole will receive frequencies for which it is not tuned, but at
>a reduced level.
>
>Bill
>
I have been using two Radio Shack Discones for about 5 years. One on my RS-2004 and the other on my Kenwood
TM-741 ham tranceiver. I have tried "multiple-diople" scanner antennas (and the equivalent on 3-30 mhz). The antenna truly designed for 'broad-band' operation always works better. The "multiple diople" design will have significant loss of received signal in the 'gaps' between the dioples resonant frequencies. The 'broad-band' antenna (discone in this case) will generally perform much better as the 'bandwith' is typically a 10:1 ration (100-1000mhz+) with essientally a flat swr of 1.5:1 or less. This translates to effectively using your scanner

over a broad range of frequencies with far better results in the frequency ranges you want to listen to (not to mention the ones you have not discovered).

My suggestion is to buy the discone antenna and start enjoying decent broadband reception.

Regards........Gary (garyposs@bga.com)

6714. BC 350 scanner - comments sought

Newsgroup: rec.radio.scanner
Date: 1994-12-12 16:30:19 UTC
From: jeffpmil@aol.com
Message-ID: <3chtqr$9j1@newsbf01.news.aol.com>
Source record: 264373

I'm getting one for Christmas (surprise surprise)

Sugestions, mods, warnings, war stories and light hearted tales from users are being sought.

Public/private OKAY

JPM

6715. Re: Anyone wanna buy a Pro2006?

Newsgroup: rec.radio.scanner
Date: 1994-12-12 16:40:36 UTC
From: daryll1@aol.com
Message-ID: <3chue4$9sq@newsbf01.news.aol.com>
Source record: 264374

In article <3cgdlb$k23@sundog.tiac.net>, usa@max.tiac.net
(cbmvax.commodore.com) writes:

Jake... How much do you want for it, and what part of the country are
you in?
.........Daryll

6716. pacific missles

Newsgroup: rec.radio.scanner
Date: 1994-12-12 17:01:39 UTC
From: lrk@netcom.com
Message-ID: <lrkD0pJAr.2xv@netcom.com>
Source record: 264275
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Orion 1 & 2, Abnormal 20, and others were up last night on HF. Think these are pacific missle range stations. Mission scrubbed about 0745Z. Possibly 24 hour re-cycle. May be back tonite (Mon -> Tue) for another try. Heard on 6889, 5120, and 5733.

-- --
| 73, internet | lrk@k5qwb.lonestar.org |
| Lyn Kennedy | lrk@netcom.com |
| pony express = P.O. Box 5133, Ovilla, TX, USA 75154 |
---Livin' on an information dirt road a few miles off the superhighway---

6717. Re: PRO-2035 Anyone?

Newsgroup: rec.radio.scanner
Date: 1994-12-12 18:00:06 UTC
From: tomswisher@aol.com
Message-ID: <3ci336$bcb@newsbf01.news.aol.com>
Source record: 264276

In article <3c05b0$qrv@news1.digex.net>, synchro@access4.digex.net (Steve) writes:

>Anyone tried the PRO-2035, which replaces the venerable PRO-2006? Any
>mods to complete the range 25-1300 MHz?

I'm currently reviewing a PRO-2035 for the National Scanning Report. So far, I like it. It has a few drawbacks, but all in all it is a fitting replacement for the '2006. If the OptoScan 456 board will work or can be modified to work in the '2035, so much the better. As far as mods go, there are no mods to open up 800 MHz coverage; that is locked inside the micorprocessor and cannot be altered (in line with our government's nasty policy of telling us what we can and cannot listen to, even though the airwaves are public. I remain convinced that if someone wants to keep a radio transmission private, it should be encrypted).

You could do a lot worse than the PRO-2035. It far surpasses any similar product offered by any other manufacturer.

Tom Swisher, N8GQK
National Scanning Report

6718. Re: Philly POLICE 911 call transcripts

Newsgroup: rec.radio.scanner
Date: 1994-12-12 18:10:21 UTC
From: tomswisher@aol.com
Message-ID: <3ci3md$bg9@newsbf01.news.aol.com>
Source record: 264277

I have to agree with the former NYC 911 operator about the life of a 911 operator. I am a police/fire dispatcher for a wealthy suburban municipality. Instead of the stuff he got, I get to deal with snotty rich people who are ticked off that the neighbor's dog is peeing in their yard and other such fun things. In addition, I also do everything when I am at work.....Police Radio, Fire Radio, 911, regular phone lines, etc. It really gets fun in bad weather when 6 phone lines are ringing at once, plus 2 911 lines, and both the Police and Fire radios are blaring away (not to mention the monitor radios with which we monitor surrounding areas).

Then, top all this off with a possible heart call on 911 where I have to explain CPR over the phone AND send the appropriate fire apparatus.

Next time you call the police or fire department, tell the operator "Thanks" for doing a great job, enduring outrageous amounts of stress, and giving up their holidays to help you.

Tom Swisher, N8GQK

6719. Re: Locating repeater input frequencies..

Newsgroup: rec.radio.scanner
Date: 1994-12-12 18:15:10 UTC
From: tomswisher@aol.com
Message-ID: <3ci3ve$bik@newsbf01.news.aol.com>
Source record: 264278

In article <17089D04DS86.WALLY@ukcc.uky.edu>, WALLY@ukcc.uky.edu (Walter R Francis) writes:

> I assume "Police Call" and others like it only list repeater outputs....

Actually, "Police Call" lists ALL frequencies licensed to a particular agency, municipality, etc.

Tom Swisher, N8GQK
National Scanning Report
tomswisher@aol.com

6720. Re: wx on 410.1 & 416.375

Newsgroup: rec.radio.scanner
Date: 1994-12-12 18:20:13 UTC
From: tomswisher@aol.com
Message-ID: <3ci48t$bkv@newsbf01.news.aol.com>
Source record: 264279

If your local NWS/NOAA office has recently been moved elsewhere, or if you have one of the new consolidated NWS offices in your town, you are hearing the link from the NWS office to the remote 162 MHz transmitter. Each individual transmitter has it's own link frequency, since each transmitter covers a different area and requires different audio feed.

Tom Swisher, N8GQK
National Scanning Report
tomswisher@aol.com

6721. Re: Philly POLICE 911 call transcripts

Newsgroup: rec.radio.scanner
Date: 1994-12-12 19:36:07 UTC
From: shawnb@ecst.csuchico.edu
Message-ID: <3ci8n7$25m@charnel.ecst.CSUChico.EDU>
Source record: 264281
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3chls8$nd9@shore.shore.net>, Michael Crestohl <mc@shore.net> wrote:

>Is this what the fuss is all about? I read through the transcript of the
>Phila 911 tapes and quite frankly I don't see any examples of excessive
>rudeness. All I get here is some poor police dispatcher telling a caller
>not to be rude. 911 dispatchers have to deal with all kinds of people in
>a course of a shift and have to calm down the excited ones to be able to

Oh please. There is a BIG difference between a dispatcher asking a caller
to calm down and saying things like "if you don't calm down he doesn't get
any help." The 911 dispatchers in this case acted in a near criminal manner,
not to mention their arrogance and rudeness. I must say, if I was the father,
brother, or friend of the victim who died due to their pathetic job
performance, they would not only have lost their job due to that incident.

Shawn

6722. Pro 43 Mod

Newsgroup: rec.radio.scanner
Date: 1994-12-12 19:42:13 UTC
From: maverick@csulb.edu
Message-ID: <3ci92l$app@garuda.csulb.edu>
Source record: 264280

I recently acquired a RS Pro 43 without an "A" in the serial number. I wish to restore the 800 MHz for use outside of the U.S. Does anyone know if this is possible and if so, what the procedure is. I thought I had seen that information on this group in the past, but am not sure.

Thanks for the help, and feel free to email me directly if you wish.

6723. Re: Int'l Broadcasters - E-Mail Addresses

Newsgroup: rec.radio.scanner
Date: 1994-12-12 19:47:00 UTC
From: kwp@rai.ping.at
Message-ID: <5bhOX3rF-jB@rai.ping.at>
Source record: 264283
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

```
> E-Mail Addresses For Shortwave Broadcasters
>
> Austria
> Shortwave Panorama at Radio Austria International
> kwp@ping.at (Wolf Harranth OE1 WHC)
Correct: kwp@rai.ping.at
> wolf_harranth@p44.f22.n310.z2.fidonet.org
> wolf.Harranth@p44.f22.n310.z2.st.co.at
OK

Regards
Wolf

--------------------------------------------------------------------------
Wolf HARRANTH OE1WHC InterNet: kwp@rai.ping.at
Radio Austria International Fido : 2:310/22.44
A-1136 Vienna Packet : OE1WHC@OE1XAB.AUT.EU
Austria/Europe Fax : +43/1/87 87 8-44 04
--------------------------------------------------------------------------
## CrossPoint v3.02 ##
```

6724. Antenna identification

Newsgroup: rec.radio.scanner
Date: 1994-12-12 20:02:37 UTC
From: wmeranda@vnet.ibm.com
Message-ID: <3cia8t$183r@sernews.raleigh.ibm.com>
Source record: 264282

Since I started scanning about a year ago I find I'm starting to notice
various antenna towers that used to be just part of the invisible landscape.
I suspect that I'm starting to loose touch with reality because I find
myself wanting to be able to identify the antennas and their use. Anyone
know of a good source of information for this ?

Some new towers going up in my area have me wondering, they are somewhere
between 50-100 foot tall on a metal hexagon tower that gets gradually
thinner with height. There is a triangular platform at the top with
a single vertical whip at each corner.

Thanks
Wes Meranda

6725. discone vs scantenna

Newsgroup: rec.radio.scanner
Date: 1994-12-12 20:21:00 UTC
From: hirschj@vax2.concordia.ca
Message-ID: <12DEC199415214569@vax2.concordia.ca>
Source record: 264284

For scanning, I would choose a discone over any other
antenna because of its broadband capabilities. When comparing
discones, check Radio Shack. They have 2 versions: 1) about
50-1300 MHz coverage with little gain if any for under $20;
2) an excellent one with 25-1300 MHz coverage and ample gain.
This one is at the same level of quality as the ones shown in
the Grove and National catalogues, but at $60 it is a steal.
I just got one and am very pleased with the results, even though
I'm using it on the ground floor balcony for now (in this part
of north america the temperature just dropped to -20 degrees and
we had 26 centimeters of snow, consequently I can't find someone
brave enough nor stupid enough to go up on the roof to install
the antenna).
--Jack

6726. RS2026

Newsgroup: rec.radio.scanner
Date: 1994-12-12 20:22:32 UTC
From: opp@netcom.com
Message-ID: <oppD0psLK.9w6@netcom.com>
Source record: 264289

--
opp@netcom.com

6727. Re: BC 350 scanner - comments sought

Newsgroup: rec.radio.scanner
Date: 1994-12-12 20:25:46 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D0psqz.332@nntpa.cb.att.com>
Source record: 264294

In article <3chtqr$9j1@newsbf01.news.aol.com>,
JeffPMil <jeffpmil@aol.com> wrote about the BC-350:

>I'm getting one for Christmas (surprise surprise)
>
>Sugestions, mods, warnings, war stories and light
>hearted tales from users are being sought.

By any remote chance, do you mean the old Electra/Bearcat BC-350?
Here is an excerpt from the FAQ:

| BUYING A USED SCANNER RADIO
|
| by Bob Parnass, AJ9S
|
| [NOTE: This article may not be reproduced in whole or in
| part on CDROMS, in bulletin boards, networks, or
| publications which charge for service without permission of
| the author. Free distribution is encouraged.]
...
|
| BC350 (Electra): 50 channels in 5 banks. Includes
| aircraft. Used to be Bearcat's top of the line, overpriced
| scanner but never very popular. Dual use keyboard and
| display allowed 8 text characters to be associated with
| each channel, a feature clumsily implemented, and awkward
| to use. Units plagued with various hardware problems
| including bad memory ICs and short life power transformers.
| Firmware bugs without cures. The BC300 is a much better
| scanner than the BC350, and at a lower price.
|
--

==========
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6728. Re: "K"

Newsgroup: rec.radio.scanner
Date: 1994-12-12 20:29:33 UTC
From: scan911@aol.com
Message-ID: <3cibrd$4dd@newsbf02.news.aol.com>
Source record: 264285

Regarding use of "K" in radio transmissions.....It's a New York City thing. Means you are done transmitting and awaiting a reply. Used to drive me nuts, but you always knew you were hearing New York City police, fire or EMS when you heard it!

```
|
|
--|--
/|\
___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in the GREATER PHILADELPHIA area!

6729. Cellular Phone Keypad Mods for Scan

Newsgroup: rec.radio.scanner
Date: 1994-12-12 20:32:31 UTC
From: "John C." <74147.3511@CompuServe.COM>
Message-ID: <3cic0v$jp3$1@mhade.production.compuserve.com>
Source record: 264288
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I have noticed advertisments in various scanning magazines refering to methods of turning a cellular phone into a cellular frequency scanner. The ads make it sound like all mods are done directly through the keypad, using test modes (or something like that). Anyone have any information on this?

6730. Re: PRO-2035 Anyone?

Newsgroup: rec.radio.scanner
Date: 1994-12-12 20:36:48 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3cic90$k0s$1@mhade.production.compuserve.com>
Source record: 264290

Tom, has National Scanning (which I subscribe to) received a BC3000XLT to review yet?

-Jeff, CIS HamNet

6731. Re: Scanning on passenger planes

Newsgroup: rec.radio.scanner
Date: 1994-12-12 20:43:37 UTC
From: andersor@nevada.edu
Message-ID: <3ciclp$auv@news.nevada.edu>
Source record: 264297

DctrHappy (dctrhappy@aol.com) wrote:
: Is this legal? Is this interesting? What's the easiest way to gather
: freq's for a trip? Thanks for any replies..! :-)

My experience has been to pre-board when they first offer it, and ask the pilots as soon as you get in the plane. (this way you won't hold up others as they fight for overhead bin space, just tell the gate agent you are going to talk to the pilots, they usually won't question your getting on early.) Usually if you explain(to the pilots) that the scanner does not xmit, they will give the freqs to you right there. I once had a Continental pilot give me the freqs (in order) that we would be using for the whole flight i.e. ground, tower, departure, Denver Center, LA Center, LA Clearance, LA Arrival, LAX tower, LAX ground. It can be done, it just depends on how persuasive you are. Also, once you get permission from the pilot, it's fun to be able to tell the FA's that it IS ok for you to run your scanner, because the pilots gave you their ok!

Good Luck!!

Richard

6732. Is BC700A modifiable for cellular?

Newsgroup: rec.radio.scanner
Date: 1994-12-12 20:48:00 UTC
From: scott@redstorm.nawc-ad-indy.navy.mil
Message-ID: <199412122047.OAA04548@mail.cs.utexas.edu>
Source record: 264287
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does anyone know if the Bearcat BC700A is modifiable to receive cellular?
Thanks in advance...

| Scott Richardson |
| scott@redstorm.nawc-ad-indy.navy.mil |

6733. Re: "K"

Newsgroup: rec.radio.scanner
Date: 1994-12-12 20:54:53 UTC
From: kws@fc.hp.com
Message-ID: <3cidat$rgg@tadpole.fc.hp.com>
Source record: 264291

In article <3chklb$1o6@sparc.occ.uky.edu>, jadantin@ndlc.occ.uky.edu (Jim Dantin) writes:
> Marc Richard Wollemborg (mrw13@columbia.edu) wrote:
>
> : On many of the emergency services frequencies in my area, I've often
> : heard the dispatcher and the various units call each other "K". What
> : does this stand for?
>
> How about short for "OK"?

probably; sometimes the transmitter keys the mike too late or a
voice-activated switch is a little late. I hear that a lot from
out local police dispatcher, and I've always thought it to be
a little informal. I'd expect more to hear 10-4, "received",
"copied", or the spock-like "affirmative"..
Is police-talk getting less formal?????

6734. Re: MOd for Pro-41

Newsgroup: rec.radio.scanner
Date: 1994-12-12 21:05:54 UTC
From: tharrell@nmsu.edu
Message-ID: <3cidvi$kdk@dns1.NMSU.Edu>
Source record: 264293

Benedict A. Robbins (al980@yfn.ysu.edu) wrote:

: I have been offred a Pro-41 for only $50 and would like
: to know if it can be modified to
: receive 872-900 mh.
: Thankds

Nope...the circuitry just isn't there. It's still a buy at $50, though.
--
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5KTO Beware of geeks bearing .gifs... |
| The Second Amendment is the '...and we're not kidding!' clause |

6735. Re: AR8000 Couple of firs

Newsgroup: rec.radio.scanner
Date: 1994-12-12 21:10:33 UTC
From: tharrell@nmsu.edu
Message-ID: <3cie89$kdk@dns1.NMSU.Edu>
Source record: 264292
Cross-posted to: alt.radio.scanner,rec.radio.scanner

```
Flying Turtle (vhealey@crl.com) wrote:
: dominic.post@the-boss.com (Dominic Post) wrote:
: >The Computer Interface is 80.00 Pounds. This allows computer

Sheesh, how do you carry it around??? (that's a JOKE - couldn't resist)

I guess nobody wants to swap a AR8000 for a PRO-43...
--
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5KTO Beware of geeks bearing .gifs... |
| The Second Amendment is the '...and we're not kidding!' clause |
```

6736. Need any mods for BC-890

Newsgroup: rec.radio.scanner
Date: 1994-12-12 21:21:04 UTC
From: clentz@twain.ucs.umass.edu
Message-ID: <3cies0$4gt@nic.umass.edu>
Source record: 264295

I need any mods for the Uniden BC-890

6737. 210XL 50-54Mhz Scanning

Newsgroup: rec.radio.scanner
Date: 1994-12-12 21:49:12 UTC
From: mgarrett@prairienet.org
Message-ID: <3ciggo$lns@vixen.cso.uiuc.edu>
Source record: 264296

Sometime ago I read a thread on how to get a Bearcat 210XL to scan frequencys not designed in the radio. The following will allow you to scan the 210XL between 50 and 144 MHZ but the radio will cut out after 54 MHZ to around 137 MHZ (as noted in my radio) Here's how to do it.

First select a channel position for the serch. Press "manual" "50 limit", and "50 limit". Next press "search", "hold" and "manual". Next, press "144 limit" and "143 limit" (display will read error). Press "search" and the radio will begin scanning above 50 MHZ. To enter any recieved frequency into the radio's memory, press "manual". It may be best to slow the scanning speed of the radio down so that you can hit your favorite frequency.

I origionaly saw this in Popular Communications, April 86 in the Scanner Scene column by Chuck Gysi, N2DUP. It does work and has added the ability for the scanner to monitor the 6 meter fm calling frequency of 52.525 MHZ so now I can tell when 6 is open without extra radios operating.
--
Mark Garrett mgarrett@firefly.prairienet.org
KA9SZX @ N9LNQ.#ECIL.IL.USA.NA

6738. Re: "K"

Newsgroup: rec.radio.scanner
Date: 1994-12-12 22:07:08 UTC
From: wbloss@delphi.com
Message-ID: <ZAx1Ofs.wbloss@delphi.com>
Source record: 264298

My read is it is from the Mores Morse code procedure signal
in which the letter "K" means over. Dah-di-Dah OVER
One less sylable than over.

Wally Blos
WB0BAV
A Human

6739. Boston Unlisted Freq's

Newsgroup: rec.radio.scanner
Date: 1994-12-12 22:41:15 UTC
From: sp0t@ai.mit.edu
Message-ID: <3cijibINN451@life.ai.mit.edu>
Source record: 264300
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Hey there, a friend of mine asked me if i could check around for unlisted freq's in the Boston area. i dont frequent these newsgroups much, but if you have any information could you send me email? thanks in advance.
-David Savilonis

6740. Re: Scanning on passenger

Newsgroup: rec.radio.scanner
Date: 1994-12-12 23:37:27 UTC
From: jdangel@denali.ccs.neu.edu
Message-ID: <3cimrn$1pa@chaos.dac.neu.edu>
Source record: 264302

I> Dc> Dc> Is this legal? Is this interesting? What's the easiest way to gather
> Dc> freq's for a trip? Thanks for any replies..! :-)
>
> It's not a wise thing to do. It interferes with the planes communication
> system.The usually say at the begining of the flight no walkmans,scanners....

Totally a precaution and not because of actual facts...

Just think about it.. Right after takeoff but before leveloff it is then ok to
turn on ANY electronic device. (They tell you this) You have executives
in first class - the compartment closest to the cockpit - using laptops
the leakiest devices other than cellular phones...

(Always check with the flight crew if you want to scan - take precautions)

Jeff

6741. Wanted: New PRO-2006

Newsgroup: rec.radio.scanner
Date: 1994-12-12 23:51:43 UTC
From: mmjjmm@post.its.mcw.edu
Message-ID: <3cinmf$rp2@post.its.mcw.edu>
Source record: 264304

Where can I buy a new PRO-2006?
--
Michael J. Malloy Amateur Radio N9WJV
Medical College of Wisconsin Compuserve 70334,3563
Milwaukee, Wisconsin Internet mmjjmm@post.its.mcw.edu

6742. Re: PRO-2035 Anyone?

Newsgroup: rec.radio.scanner
Date: 1994-12-12 23:55:50 UTC
From: mmjjmm@post.its.mcw.edu
Message-ID: <3cinu6$s2r@post.its.mcw.edu>
Source record: 264305

TomSwisher (tomswisher@aol.com) wrote:
: In article <3c05b0$qrv@news1.digex.net>, synchro@access4.digex.net (Steve)
: writes:

: >Anyone tried the PRO-2035, which replaces the venerable PRO-2006? Any
: >mods to complete the range 25-1300 MHz?

: I'm currently reviewing a PRO-2035 for the National Scanning Report. So
: far, I like it. It has a few drawbacks, but all in all it is a fitting
: replacement for the '2006. If the OptoScan 456 board will work or can be
: modified to work in the '2035, so much the better. As far as mods go,
: there are no mods to open up 800 MHz coverage; that is locked inside the
: micorprocessor and cannot be altered (in line with our government's nasty
: policy of telling us what we can and cannot listen to, even though the
: airwaves are public. I remain convinced that if someone wants to keep a
: radio transmission private, it should be encrypted).

: You could do a lot worse than the PRO-2035. It far surpasses any similar
: product offered by any other manufacturer.

: Tom Swisher, N8GQK
: National Scanning Report
I am looking at this scanner but still think I want a PRO-2006. Cellular
aside, how do they compare. My R-7100 does the cell. Would you recommend
this over the 2006? Need info soon.

--
--
Michael J. Malloy Amateur Radio N9WJV
Medical College of Wisconsin Compuserve 70334,3563
Milwaukee, Wisconsin Internet mmjjmm@post.its.mcw.edu

6743. Re: Is BC700A modifiable for cellular?

Newsgroup: rec.radio.scanner
Date: 1994-12-12 23:57:38 UTC
From: kbeckman@earth.execpc.com
Message-ID: <3cio1i$qi7@homer.alpha.net>
Source record: 264303
Cross-posted to: alt.radio.scanner,rec.radio.scanner

scott@redstorm.nawc-ad-indy.navy.mil wrote:
: Does anyone know if the Bearcat BC700A is modifiable to receive cellular?
: Thanks in advance...

: | Scott Richardson |
: | scott@redstorm.nawc-ad-indy.navy.mil |

Yes, the BC700A is modifiable for cellular restoration.

--
Internet address: kbeckman@earth.execpc.com
Internet via EXEC-PC 414-789-4600

6744. Re: CTCSS?

Newsgroup: rec.radio.scanner
Date: 1994-12-13 00:14:45 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.210.00123F85@chevron.com>
Source record: 264316

In article <3cbj95$1i3@newsbf02.news.aol.com> scan911@aol.com (SCAN911) writes:

>QUOTING from Joshua.Jeffery@p79.f40.n105.z1.fidonet.org (Joshua Jeffery)

>>> PS> small point: It's Continuous Tone Coded Subaudible Squelch.

>>>Would there be anyway to maybe get this to work so I could listen to
>>>certain departments in a trunked radio atmosphere?

>You won't find CTCSS on trunked systems (except on the inputs in some rare
>instances to solve co-channel problems). Everything is controlled by
>computer; there is no need for CTCSS or DCS or any tone signalling.

There are tones used in trunked systems for signalling. We have a type I that transmits a continuous connect tone on an active channel at 105.88 Hz. The radios (mobiles/handhelds) burst 1800 Hz acknowledge tone to indicate they are on an assigned channel. There is also 164.64 Hz disconnect tone burst when the PTT is released. Other tones are used for various functions and there are continuous data handshakes that go on during a contact.

You are correct that no CTCSS type tones are needed. Co-channel users can't access the system since the central controller won't recognize them. The signalling tones are the same for all users on the system and problem wouldn't be useful for a scanner.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

6745. Marine & Customs (Immigration) Freqs

Newsgroup: rec.radio.scanner
Date: 1994-12-13 00:20:01 UTC
From: Barry Bourgond <nz6t@grfn.org>
Message-ID: <Pine.SUN.3.90.941211092447.12654A-100000-100000-100000-100000-100000-100000@freenet.grfn.org>
Source record: 264306

Does anyone have a complete listing of the Marine freqs for the Great lakes, to include Canadian? Also, could someone tell me the Customs freqs for both American and Canadian sides. Thanks in advance.

6746. Re: Scanning on passenger planes

Newsgroup: rec.radio.scanner
Date: 1994-12-13 00:45:23 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.211.0012C22F@chevron.com>
Source record: 264318

In article <3cbi82$dtk@newsbf01.news.aol.com> dctrhappy@aol.com (DctrHappy) writes:

>Is this legal? Is this interesting? What's the easiest way to gather
>freq's for a trip? Thanks for any replies..! :-)

It depends - Federal Aviation Regulations part 91.21 prohibits the use of portable electronic devices on board airplanes with certain exceptions.

Four clear exceptions are listed in the FAR for things such as hearing aids. The fifth exception is for items determined by the operator (the airline company) to present no hazard. Do not confuse the power of the "Pilot in Command" with the "Operator/Certificate Holder". If the airline's policy does not to allow the use certain devices the PIC can't just ignore that policy and say it's OK. The FAA requires operators to make the determinations of what devices can and cannot be used. Using a scanner if the airline or PIC prohibits it is a violation of federal law.

I have posted the text of 91.21 before and would prefer not to type it again. Additonal information can be found in Advisory Circular 91.21-1, which I have scanned into a text file.

Frequencies can be found in the Airport/Facilities Directory (AFD). They cover different regions of the country. They are published by the goverment and updated four or five times a year. AFDs cost about $3.50 and are available at most "Fixed Base Operators" that sell pilot supplies at your local airport.

(This has been discussed before. I have some FAA reference material but my barebones news reader will not import text file into postings. I can email this material to anyone that is capable of posting it - or just wants to read it.)

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

6747. Re: Wanted: New PRO-2006

Newsgroup: rec.radio.scanner
Date: 1994-12-13 00:48:01 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3cir58$7a4@newshost.lanl.gov>
Source record: 264307

I had heard lately that RS had some in Texas that could be special ordered. I don't know if that is true. Failing that I have one new in the box that I would sell for near what I have in it. If you can't special order one e-mail me we'll talk.

6748. Re: Scanning on passenger planes

Newsgroup: rec.radio.scanner
Date: 1994-12-13 01:14:13 UTC
From: newman@netcom.com
Message-ID: <newmanD0q63q.Aut@netcom.com>
Source record: 264312

In article <3cgmi1$e6m@chaos.dac.neu.edu> jdangel@denali.ccs.neu.edu writes:
>>I hope we never share an airplane! Signals from the scanner can screw up
>>the airplane's systems and you could die.

Every policy statement I have ever seen from airlines say that NO
electronic device WHATSOEVER except tape recorders/players may be operated
and ANY point during the flight. This is what PSA, United, and AirCal used
to print on their ticket envelopes in small print.

6749. Re: AR8000

Newsgroup: rec.radio.scanner
Date: 1994-12-13 01:24:04 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3cit3k$m6e@nntp.crl.com>
Source record: 264308

garyg@vanbc.wimsey.com (Gary Gagnon) wrote:
>
> My AR-8000 comments and opinions - not trying to start flame wars :)
>
> - The audio is much better that the AR-1000 XLT.

> - WARNING - don't use earphones if (in expert mode) you set squelch level
> on. This disables the squelch control and there is no safe way to set
> the volume control. I blasted my ears a couple of times before I realized
> what was happening. With the squelch level set to off, the squelch
> control works as you expect and can set squelch to minimum then adjust
> the volume safely.
>

A safe way you could adjust volumn level is to press the monitor
button while truning the volumn knob from low to proper level.

> - I do miss the scan/hold button that was on the AR-1000. There doesn't
> seem to be a nice simple way to to lock on a channel when in scan mode.
> The MONI (monitor) button on the side does stop scanning but it must be
> continuously held. Another way I have found is to press SRCH (search)
> then SCAN which will put it into non-scan mode without skipping over to
> another channel. Pressing the SCAN button will work but ONLY if there
> is no transmission on the channel. I usually just turn the squelch to
> minimum to lock onto a single frequency as the scanner is usually in my
> pocket and finding buttons is next to impossible!

Interesting that you hit on same thing that bugs me. Where is the manual
hold control when in scan mode. I have been tapping the 2-vfo button
to return scanner to basic known state and then tapping the scan button
only once to put it in scan memory recall mode with my last scanned channel
visible. Anyone else have a better idea?

> - There is a leather case (yes REAL leather) available for the AR-8000
> which I do recommend. It has clear plastic windows for access to the
> display and the buttons (side and front). It does make finding buttons
> by feel impossible but does provide some protection. It's much more
> substantial than the plastic one supplied with the AR-1000.
>
>

Some leather cases can cause abnormal wear and tear on a radio due
to rubbing and friction. I use the neoprene cases that are sold
for ham radio ht's. These look like wet suit material and provide
1/4 inch material to cushion ther radio from banging around.
Cost is about $15. My Pro 43 Alinco and now this HT type scanner

all take the same size case. Makes life nice! :>)

Those radio shack cases suck!

Ki4je

6750. My Christmas list

Newsgroup: rec.radio.scanner
Date: 1994-12-13 01:38:25 UTC
From: bseburn@vaxxine.com
Message-ID: <D0q781.CLC@vaxxine.com>
Source record: 264309

```
m > > If anyone can tell
m > > me how to stop a post from being sent out, when I see it bein
m > > posted to the incorrect group ever again.. I'm all ears, caus
m > > would have loved to have stopped it.
m >
m > Probably stop using a QWK offline reader for Usenet.
m >

If your willing to pay for my online time here.. hey, no problem.

___ Mountain Reader II - #00000039
```

6751. Re: Anyone know U of G police FREQ?

Newsgroup: rec.radio.scanner
Date: 1994-12-13 01:42:05 UTC
From: MCFD77A@prodigy.com
Message-ID: <3ciu5d$rle@usenetw1.news.prodigy.com>
Source record: 264311

Obviously I didn't decode it enough, but didn't figure that was my job. Man was asking a favor, I tried to comply. I just suggested it might be nice to give a hint in the body of the message as to where this Univ. was. Not too hard to understand is that Jessie..?? I mean I was trying to help him. And still will. Only response I have so far is from you and is of no value what so ever in solving his problem. Perhaps now that you have spent time decoding the header YOU can give him the info he needs.

6752. BC2500XLT BATTERY LIFE

Newsgroup: rec.radio.scanner
Date: 1994-12-13 01:48:31 UTC
From: Bob W <74477.3141@CompuServe.COM>
Message-ID: <3ciuhg$2ch$1@mhadf.production.compuserve.com>
Source record: 264310

I have been seeing alot of mail on the BC200XLT battery life being short. I must be one of the lucky ones. My 200XLT always lasted 8+ hours. However, I recently bought the BC2500XLT and am very dissappointed in the battery life of this unit. I am lucky if the battery last me 4 hours!! Please, if anyone knows of a mod for this radio to extend it's battery life let me know!! Any other mods (other than cellular restoration, already completed) for this radio would also be appreciated.

Happy Scanning,
Bob W

--

6753. San Francisco, CA. Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-13 01:51:15 UTC
From: tngo@netcom.com
Message-ID: <tngoD0q7tF.K0z@netcom.com>
Source record: 264317

Anyone have any interesting frequencies for the San Francisco, Bay Area?

Thanks,

6754. Re: AR8000 interface news

Newsgroup: rec.radio.scanner
Date: 1994-12-13 01:53:31 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3ciuqr$m6e@nntp.crl.com>
Source record: 264314
Cross-posted to: alt.radio.scanner,rec.radio.scanner

jadantin@ndlc.occ.uky.edu (Jim Dantin) wrote:
>
> According to the folks at EDCO, the computer interface that they will
> supply is different from the international version. Specifically, the US
> version will NOT allow cloning!! Also, the software will be different
> and will come from a different software house.
>
> Javiaton, here I come!
> --
> Jim Dantin jadantin@ndlc.occ.uky.edu
> Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

Hmmm very interesting. It will be nice to look at what the difference is.
Maybe all they give you is one flat wire cable that would stop
cloning for a few minutes while you figure out that you could
roll your own after a visit to the parts place.

Speaking of software, I have been looking at the adds for some
of these $200 packages that allow you to have up to 1300
logings a minute etc. I figure that I can do the same thing
with procom plus 2 scripts for windows and have loggings
approaching 1800 a minute with the features of the AR0000.

I have already made a short script that allows me to program
and entire bank in about 4 seconds and then read all of it back
(another 2 seconds). I am not a programer but I can reason
out what needs to be done and then look at what tools I have
to do it with until it is accomplished. If there is any interest
I am willing to work with any on a scripting project that
duplicates the features of the big buck software but uses
the tools already available that most have.

For the IBM PC I believe that PROCOM PLUS version 2 for Windows
is a good choice because it comes with a powerful scripting
lagunage, compliler, and debuger. Supports the capabilites
of the windows gui interface and could be made to be really
attractive looking with a little extra work. It also supports
OLE which means that you can link it to EXCEL worksheets for
automatic data manipulation as it is received. There may be
other similar progams that others have for windows or their
respective platforms. The research on the AR8000 rom
was done by a fellow with a MAC and some scripts he wrote.

Any opinions from others?

Vic Healey ki4je
vic@ping.com vhealey@crl.com vh@ping.com

PS
Anyone else want to mangge an information list for the AR8000?
I can see tht this can become unmageable by hand. I will forward
a list of all current interested individuals to you.

6755. Re: Int'l Broadcasters - E-Mail Addresses

Newsgroup: rec.radio.scanner
Date: 1994-12-13 02:22:56 UTC
From: g9153402@huey.csun.edu
Message-ID: <3cj0i0$6m4@nic-nac.CSU.net>
Source record: 264315
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Wolf Harranth (kwp@rai.ping.at) wrote:

>corrections

Thanks,
I'll update in my next list.

6756. Cellular Phone Jammer

Newsgroup: rec.radio.scanner
Date: 1994-12-13 02:38:57 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.941212183223.1445H-100000@holmes.ece.orst.edu>
Source record: 264319

I just got run off the road by some idiot talking on the phone,but, it got me thinking. Since there is a way to use your phone as a scanner (I dont know exactly how yet) couldn't you push the right codes and get your phone to "step on" the phone in front of you? I'd like to see if I could tell the guy in the car in front of me to move to the right lane when I want to pass. Sound like a good idea to you people?? Is it possible??

6757. Re: Freq's-Orlando. FLA airport

Newsgroup: rec.radio.scanner
Date: 1994-12-13 03:01:28 UTC
From: sbradley@netcom.com
Message-ID: <sbradleyD0qB2G.HrA@netcom.com>
Source record: 264321

DctrHappy (dctrhappy@aol.com) wrote:
: I think the airport is Orlando international..?? But does anyone have any
: police/fire/airport/airplane (each or all) for the Orlando area? Help is
: much apprec..!!
: Thanks-!

If you are looking for the frequencies for ground operations at Orlando
you'd be looking at:

Channel 1 453.300 (Police)
Channel 2 453.100
Channel 3 452.850
Channel 4 460.600 (Fire)
Channel 5 453.525

Delta Airlines - 460.825 and 460.875. That's my contribution... There
are many frequencies at the airport, car rentals, etc... Have fun!

If you meant Orlando in general:

Channel 1: 460.050 Teletype
Channel 2: 460.100 East
Channel 3: 460.400 West
Channel 4: 460.450
Channel 5: 460.425 Service
Channel 6: 460.425 (Talk-around short range channel 5)
Channel 7: 460.075 Car to car
Channel 8: 460.150 MBI (undercover, drug deals etc)
Channel 9: 460.250 FDLE UHF (not sure -- I think this is 9 on some radios)

Orange County (where Orlando is located) has over 100 frequencies assigned to
it, 40 are 800 mhz trunked!

Steven

--
Steven G. Bradley | The Forest City Exchange | H) 407/862-7226
System Administrator | Forest City, Florida | W) 407/578-8007 x1196
| (407) 862-8088 (407) 788-8088 | steven@gate.net
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | sbradley@netcom.com

6758. Re: Philly POLICE 911 call transcripts

Newsgroup: rec.radio.scanner
Date: 1994-12-13 03:20:09 UTC
From: attgeorgew@aol.com
Message-ID: <3cj3t9$ilj@newsbf01.news.aol.com>
Source record: 264320

In article <D0D3qu.C0L@wang.com>, dbushong@wang.com (Dave Bushong) writes:
>Oh, great. Now these people who deal with life and death have to be
>politically correct, too.

It had nothing to do with being politically correct. This was a case where
the chose not to deal with a life and death situation. This was a case where there were 19 telephone calls for help. The 911 operators were rude and unhelpful, had to be told the location multiple times because it appears they did not understand English, and waited 40 minutes before dispatching any police. At least one of the operators received three calls
about the incident. When the dispatchers did finally send the police (40 minutes after the first call), they did not convey all of the information correctly and were critical of the callers lack of information which, the tapes show, actually was correct and sufficient. It turns out that because
the location borders on two precincts, that there were actually many police available and just minutes away. But they were called too late. This has nothing to do with political correctness. This is a case of 911 operators who forget where their salaries come from.

>Look, jerk (not you, the guy who posted, but 'you' as in 'people who
>get upset that 911 operators aren't so polite'): Someone calls, says
>someone is getting beat up. 911 op calls the cops. Job done.

Job not done. It appears that you are the jerk. These 911 operators did not call the cops until after 19 calls for help and 40 minutes.

>No one expects her to be sympathetic, understanding, kind, or anything
>other than accurate. If you want to gripe about someone, then you
>should go after the guys with the baseball bats who were causing the
>problems in the first place.

The guys with the baseball bats were the root cause. But this is an incident which could have been prevented, but wasn't. No thanks to some 911 operators. If I managed that outfit, I'd be cracking some heads together.
It appears that a number of the operators have been fired and rightly so.

George Warner

6759. Re: Portable Scanner Recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-12-13 03:47:29 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3cj5gh$t8h@floyd.santarosa.edu>
Source record: 264322

I like my Pro-46. It has covers lots of frequencies and is easy to modify
for cellular (2-9-L/O). My only wish about it is that it should have more
channels. It comes with 100 but I need about 400...

John

Jeff Goldman (76703.4224@CompuServe.COM) wrote:
: Wrong, BC2500XLTs made this year are NOT modifiable. Only BC2500XLTs
: datecoded "OLIC" (12/93) or earlier are modifiable.

: -Jeff

6760. pro2008 won't lock on

Newsgroup: rec.radio.scanner
Date: 1994-12-13 04:02:06 UTC
From: moore@spk.hp.com
Message-ID: <D0qDvI.ItA@hpcvsnz.cv.hp.com>
Source record: 264323

I have a PRO2008 scanner that I would like to put
into our fire station, but it won't lock on to
a channel. Everything else seems OK.
Anyone have any ideas on what might be wrong?
It's only an 8 channel scanner, so it's not worth
putting too much into, but our station needs
something!

6761. Cordless Descrambled

Newsgroup: rec.radio.scanner
Date: 1994-12-13 04:11:19 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3cj6t7$t8h@floyd.santarosa.edu>
Source record: 264324

Hello Everybody,

In the past I have seen articles here reguarding cordless phones and speech inversion. I need to purchase a unit that would unscrambled the encryption that "regular" (46-47mhz) cordless phones use. Can somebody recomend a reliable unit and where to get it? Or can someone tell me where to look for a descrambler (what company, etc...)? Any information that ANYONE has on this matter would be of enormous assistance!!!

E-mail me or post here...

Thanks,

John Thompson
jthompso@nermal.santarosa.edu

6762. Unlawful conversion?

Newsgroup: rec.radio.scanner
Date: 1994-12-13 04:41:25 UTC
From: WALLY@ukcc.uky.edu
Message-ID: <1708A14D26S86.WALLY@ukcc.uky.edu>
Source record: 264390
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I have been unable to figure out what this means, if anyone could help me out I'd appreciated it..

I hear it two, three times a day on the local Police repeaters..

Thanks..

--- _
Walter _ //
R &#65533;X/ Wally@POP.CC.UKY.EDU Wally@UKCC.UKY.EDU
Francis Francis@UKPR.UKY.EDU Francis@MIK.UKY.EDU

6763. Radio-Shack scanner mods

Newsgroup: rec.radio.scanner
Date: 1994-12-13 04:48:06 UTC
From: mcouture@asterix.drev.dnd.ca
Message-ID: <3ciue5$jbn@asterix.drev.dnd.ca>
Source record: 264313

For all those who want informations for Radio-Shack scanners
modifications on Pro200x, Pro32 34 37 39 43 and 46 you will find them
by ftp at ftp.cdrom.com in directory /pub/hamradio/mods/tandy

There is also a lot of informations on many other brand or radio in
/mods/* directory

6764. Wanted; Hamtronics Weather Satellite Receiver

Newsgroup: rec.radio.scanner
Date: 1994-12-13 04:56:34 UTC
From: DVRobson@ix.netcom.com
Message-ID: <3cj9i2$htg@ixnews2.ix.netcom.com>
Source record: 264375

Anyone wishing to sell a Hamtronics Weather Satellite Receiver please contact me at DVRobson@AOL.com

thanks

David

6765. Pittsburgh Area Freq's

Newsgroup: rec.radio.scanner
Date: 1994-12-13 05:42:46 UTC
From: jagst18+@pitt.edu
Message-ID: <3cjc8m$7ov@usenet.srv.cis.pitt.edu>
Source record: 264379

Hello,

I have been out of the scanning world for a while, but I just bought myself one of the last Radio Shack Pro-2006's in these parts. No I haven't opened it up to see if it is modifiable for cell phone scanning, but I assume it is. I also just put up the cheap Radio Shack scanner antenna, I used about 36 feet of RG8/Mini to do it. In the future I'll buy a better antenna.

Anyway, I was looking for some of the interesting freq's to scan. I have some of the Pittsburgh police, fire, and EMS. But what is the mysterious channel 7? Only one fire/ems dispatch freq?

How about the college police freq's (Pitt, CMU, Carlow, Duquesne, Chatham, etc.) Any college EMS freq's (I think CMU has a student run EMS)?

Any other interesting freq's here in the greater Pitt area? After all I have 400 spots to fill!

Thank you in advance
Josh A. Grossman

Josh A. Grossman Administration of Justice Major
jagst18+@pitt.edu University Of Pittsburgh

Standard disclaimers apply. "A little paranoia goes a long way..."
- Josh A. Grossman

6766. Re: What's Your Scanner Strategy

Newsgroup: rec.radio.scanner
Date: 1994-12-13 06:16:56 UTC
From: jmm5h@Virginia.EDU
Message-ID: <D0qK49.B0v@Virginia.EDU>
Source record: 264376

Sounds like a good strategy to me. Is NCPD still on the 400MHz band or have they switched up to 800 yet? Let me know which preceint(sp?) you are near. I used to live in the 4th.

6767. Dipole for cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-12-13 06:57:22 UTC
From: mraub@prairienet.org
Message-ID: <3cjgki$1sh@vixen.cso.uiuc.edu>
Source record: 264377

Can anyone tell me how long each leg of a dipole cut to recieve cordless telephone frequencies (49MHz) should be. Should the dipole be mounted vertically or horizontically, or does it make any difference?

Thanks,
MIKE

Mike Raub Man is the only animal that blushes--or that needs to
mraub@prairienet.org -Mark Twain

6768. Speedx World of Utilities Electronic Edition Dec 1994

Newsgroup: rec.radio.scanner
Date: 1994-12-13 08:25:29 UTC
From: ae411@yfn.ysu.edu
Message-ID: <199412130825.AA07308@yfn.ysu.edu>
Source record: 264378
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

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======================================================================
===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
========== Vol. 4, No.12 December, 1994 ==========
======================================================================
Edited by Richard Baker
ae411@yfn.ysu.edu

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////////////////////////// UTILITIES \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Ute Logs and Frequency Information
Mike Wolfson, Editor
1842 Mifflin Ave
Ashland, Ohio 44805

AERO

3120 NHIC: USCGC Vigilant (WMEC-617) 0508 8/18 USB (wkg DoD Cape
w/position, QRM fm Link-11 system, QSY 4520. Was in support of STS-68
att launch of shuttle Endeavor) (Baker, Oh)
3476 VGF-CZQX: Gander Aeradio Newfoundland Canada 0405 8/9 USB (Route
NAT-F, wkg Delta 96 w/tfc restrictions) (Lukas, NY)
4665 VLB: Israel 0241 8/16 AM (wkg VLB 41021) (Lukas, NY)
4725 ANDREWS: USAF Md US 2339 8/22 USB 433 (wkg KILO 24 w/request for freq
K24) (Wolfson, Oh)
5598 AEROFLOT 355: 0033 8/9 USB (wkg NY w/position rpt) (Clar, NY)
5616 AIR CLUB 630: 0106 8/21 USB (wkg Gander w/position rpt) (Clar, NY)
5643 SYDNEY RADIO: Australia 0933 8/30 USB (wkg PACIFIC 930 w/altitude
instructions on reaching LORD HOWE) (Battles, NH) (welcome to the
column Bill-MW)
5649 ADB 2448: Antonov Air Cargo 0013 8/15 USB (wkg Shanwick, ETA Shannon
0240) (Clar, NY)
5667 HONOLULU: Hi US 1105 8/30 USB (wkg CANADIAN 12, told to contact San
Francisco on 5574 primary, 3314 secondary) (Battles, NH)
5696 CAMSLANT CHESAPEAKE: Va US 1804 8/21 USB 444 (wkg RESCUE 2114)
(Wolfson, Oh); CG 01: Coast Guard 01 1850 8/14 USB (VC-11 VIP a/c for
Commandant of the CG, wkg NMN for date/time grp msg, wkg NMF w/ck's
on "3E5" secure) (Baker, Oh)
6535 VARIG 730: 0025 8/18 USB (wkg Dakar, SELCAL-CHES) (Clar, NY)
6577 SUNWING 904: Spanair 1822 8/9 USB (wkg NY, position PISAX,
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SELCAL-MQAF, reg EC-FCU, B767) (Clar, NY)
6586 PEE-JAY 529: Private Jet Expeditions 0018 8/9 USB (wkg NY, request routing-/clearance to Atlanta) (Clar, NY)
6617 ROSTOV VOLMET: Ukraine 0156 8/4 USB (assumed wx in Russian, very good signal) (Braun, Va)
6693 A/C C02D: 0023 8/28 USB (wkg Halifax to Wing Ops at Greenwood) (Battles, NH)
6730 WAR46: 0305 8/31 USB (clg NIGHTWATCH for rx chk) (Braun, Va); 974: 8/31 USB (pp thru ANDREWS, husband to wife re mission in Dominican Republic) (Braun, Va) (one VERY interesting catch Tim !!! MW)
6738 NIGHTWATCH: 0128 8/31 USB (wkg MacDill w/data test request) (Battles, NH)
8825 AIR LIBERTE 869: 2340 8/27 USB (wkg NY w/position rpt, SELCAL-BEAK) (Clar, NY)
8846 NOAA 43: Hurricane Hunter 0112 8/21 USB (wkg NY w/position rpt, enroute to San Juan) (Clar, NY)
8855 ADK 097: ADC Airlines Nigeria 2357 8/12 USB (wkg Algiers w/position ICTAV) (Clar, NY)
8861 ASCOT 3221: RAF 0028 8/14 USB (wkg Dakar w/position rpt) (Clar, NY)
8864 GOLD 71: 1211 8/4 USB (possible Gold Belt Air Transport, wkg Gander w/position rpt) (Clar, NY)
8879 KUWAITI 101: 2010 8/4 USB (wkg Gander, speed advisory) (Clar, NY)
8891 KOREAN AIR 8952: 2341 8/9 USB (wkg Churchill Radio w/position rpt, SELCAL-KLAC) (Clar, NY)
8894 ZAMBIA 002: 0116 8/6 USB (wkg Algiers w/position rpt, enroute to London) (Clar, NY); ALGIERS AERADIO: Algeria 0028 9/6 USB (wkg Air Italia 584 and Springbok 256. Algiers was very weak, but both aircraft loud & clear) (Moore, Ia) (Welcome to the column Don-MW)
8903 SPRINGBOK 238: 0143 8/10 USB (wkg Niamey w/position ENDOK, SELCAL-CQBR, enroute Johannesburg to Heathrow) (Clar, NY); N'DJAMENA AERADIO: Chad 0001 9/6 USB good (wkg Springbok, Air Italia, & Angola Airlines) (Moore, Ia)
8906 AIR EUROPA 135: 2005 8/4 USB (wkg Gander) (Clar, NY)
8918 MERIDA AERADIO: Mexico 0015 9/6 USB good (caught end of Spanish traffic w/ID) (Moore, Ia)
8933 CEDAR RAPIDS RADIO: 0241 8/24 USB (wkg a/c 985-Rockwell ??) (Battles, NH)
8967 GHOST 1: USAF 2345 8/22 USB 444 (wkg MIKE w/contact-track numbers, cowboys, doubled w/EAM msg, MAINSAIL msg) (Wolfson, Oh)
9006 CANFORCE 6124: 0113 8/31 USB (wkg Trenton w/wx for Comox & Victoria) (Battles, NH)
9023 BROCHURE: 2130 8/14 USB (wkg NORTHERN LIGHTS w/msg for TANGO 9) (Braun, Va)
9037 NO ID: 0215 8/15 USB (man w/British accent repeating "operations normal") (Braun, Va)
10045 ROCKWELL FLIGHT TEST: Cedar Rapids Radio 0118 8/31 USB (wkg N094, also on 8822) (Battles, NH)
10075 SABRE 75FF: 1312 8/20 USB (wkg Universal Radio, Houston Tx) (Battles, NH)
11176 NLL12: USAF 2345 8/22 USB 433 (wkg MacDill w/pp request to OAKGROVE,

MacDill could not complete patch , pp via Ascension-KEYHOLE contact) (Wolfson, Oh); NAVY ROMEO VICTOR 1 NOVEMBER: 0107 9/1 USB (wkg MacDill for pp) (Johnson, Il)
11191 NO ID: 0252 8/7 USB (w/a no acknowledge msg to YELLOW BLOOD) (Braun, Va)
11192 NO ID: 2240 8/1 USB (OSCAR 9494 clg RANGER BASE w/British accent) (Lukas, NY)
11233 TRENTON MILITARY: Canada 0115 9/1 USB (wx for locations id'ed by code for u/id flt) (Johnson, Il)
11236 SMOKEY 01: 1550 8/26 USB (wkg Andrews w/pp to Peterson AFB, Co) (Battles, NH)
11282 SAN FRANCISCO: Ca US 2344 8/20 USB (wkg UNITED 809 advising higher alt not possible because of tfc) (Battles, NH)
11288 ROCKWELL FLIGHT TEST: 1431 8/20 USB (wkg Saudi 001 w/pp to Jeddah Dispatch, ETA 0120) (Battles, NH)
11300 HEAVYLIFT 791: 0151 8/7 USB (wkg Cairo w/position TOKAR, AN124 enroute Djibouti to Frankfurt) (Clar, NY)
11309 AIR AFRIQUE 094: 1915 8/6 USB (wkg NY, SELCAL chk-BLEG, DC10-30, reg. TU-TAN) (Clar, NY)
11330 WORLD 246: 0036 8/1 USB (wkg NY, SELCAL-JMGL, ETA at Miami) (Clar, NY)
11370 SYLVAIR: 1554 8/28 USB (wkg a/c 108) (Battles, NH)
13201 SHARK 86: USAF 0001 8/23 USB 433 (clg Albrook, no joy) (Wolfson, Oh)
13333.3 NO ID: 2337 8/16 USB 333 (man in SS "Correcto, Correcto", numbers) (Wolfson, Oh)
13356 AIR JAMAICA 017: 2327 8/14 USB (wkg Kingston Dispatch, diversion to Norfolk for wx, request for VHF freq) (Clar, NY)

CW

4207 3EHD5: M/V Sea Fighter 0331 8/30 (wkg WLO, QSY 8351 for msg tfc) (Navary, Va)
4405 KMI: San Francisco Radio Ca US 0302 8/9 (ID) (Lukas, NY)
6844.5 FDC: French Air Force Metz France 0417 8/1 (marker). (Baker, Oh)
8340 HCZV: M/V Provincia del Guayas 0047 8/29 (wkg CBV) (Navary, Va)
8350 VRUM5: M/V Taipan 0252 8/30 (wkg PPO w/msg tfc) (Navary, Va)
8352 6MRO: NO ID 0146 8/30 (wkg OBY2) (Navary, Va)
8355 SWQX: M/T Primaventure 0233 8/30 (wkg SVD) (Navary, Va)
8357 SVOG: M/V Flag Adrienne 0339 8/29 (wkg SVD w/msg tfc) (Navary, Va)
8360 3FWT3: M/T Trompeteros 0622 8/26 (AMVER msg) (Navary, Va)
8398 C6JD2: TK Kichem Mediterranean 0023 8/4 (wkg "UGB" in CW for 1 msg to Novoship) (Baker, Oh)
8475 FUX: Le Port Reunion 1205 8/19 (marker) (Thompson, NM)
8511 XSW1: Taichung Radio Taiwan 1210 8/17 (marker) (Thompson, NM)
8515 5AT: Tripoli Radio Libya 0349 8/3 (marker) (Baker, Oh)
8521 VIP: Perth Radio Australia 1220 8/18 (marker) (Thompson, NM)
8539 VRX35: Cape D'Aguilar Radio Hong Kong 1200 8/17 (marker) (Thompson, NM)
8570 HRV: USCG COMMSTA Barrigada Radio Guam 1145 8/17 (marker) (Thompson, NM)
8573 CLA: Havana Radio Cuba 0022 8/9 444 (ID) (Wolfson, Oh)

8590 XSV: Ho Chi Minh City Vietnam 1140 8/17 (marker) (Thompson, NM)
8604 DZJ: Bulacan Radio Philippines 1210 8/18 (marker) (Thompson, NM)
8609.5 9VG75: Singapore Radio 1132 8/17 (marker) (Thompson, NM)
8652.6 WLO: Mobile Radio Al US 0113 8/24 (marker) (Lukas, NY)
8665 XSQ: Guangzhou Radio China 1120 8/17 (marker) (Thompson, NM)
8680 WSC: Tuckerton Radio NJ US 1718 8/11 (tfc list, marker, tfc list, at 1740 wkg VRQY) (Baker, Oh)
8686 PKF: Makassar Radio Indonesia 1155 8/18 (marker) (Thompson, NM)
8688.5 ZSC: Capetown Radio South Africa 0005 8/17 (marker) (Thompson, NM)
8694 PJC60: Curacao Radio Netherlands Antilles 0001 8/17 (marker) (Thompson, NM)
8694.5 HMC: Chungin Radio North Korea 1130 8/18 (marker) (Thompson, NM)
8698 9MG2: Penang Radio Malaysia 1145 8/19 (marker) (Thompson, NM)
9050.9 NMO: USCG COMMSTA Honolulu Hi US 0607 8/3 (ID) (Lukas, NY)
12673.5 CLA: Havana Radio Cuba 0022 8/9 444 (ID) (Wolfson, Oh)
12741 CBV: Playa Ancha Radio Chile 2350 8/16 (marker) (Thompson, NM)
12857 GWW: Dakar Naval Senegal 2355 8/16 (marker) (Thompson, NM)
16690 HLO: Seoul Radio South Korea 0015 8/23 (marker) (Thompson, NM)
16932 7TF10: Boufarik Radio Algeria 2115 8/22 (marker) (Thompson, NM)
16957.7 FUJ: Noumea Naval New Caledonia 2317 8/16 (marker) (Thompson, NM)
16959 FUM: Papete Naval Tahiti 2315 8/16 (marker) (Thompson, NM)
16961 FUF: French Navy Martinique 0035 8/9 343 (ID) (Wolfson, Oh)
16980 DAM: Norddeich Radio Germany 1955 8/19 (marker) (Thompson, NM)
17050 4XZ: Haifa Radio Israel 2000 8/19 (marker) (Thompson, NM)
17052.5 JNA: Tokyo Radio Japan 2325 8/16 (marker) (Thompson, NM)
17162 PPO: Olinda Radio Brazil 2332 8/16 (marker) (Thompson, NM)
17230 CWA: Cerrito Punta Radio Uruguay 2100 8/18 (marker) (Thompson, NM)

MARINE

2182 MIRACLE BOY 1: 2208 8/11 USB (wkg Yarmouth CG Radio Canada re medical emergency onboard-PXT w/severe abdominal pain for 24+ hrs, request immediate assistance) (Battles, NH)
2670 NOJ: USCG COMMSTA Kodiak AK US 1108 8/18 USB (PAN-PAN at 21:50 8/17 a plane, N9630E, was reported overdue between Cold Bay and Dutch Harbor, AK, with 2 POB. (2) At 09:25 8/17 a 121.5 mHz EPIRB at 56.11N, 170.28W, was detected by satellite) (Cope, Tx)
3187 WRPH: Booster Recovery Ship M/V Liberty Star 0746 8/18 USB (w/rdo ck's w/"BRD", Booster Recovery Director in support of att launch of STS-68, shuttle Endeavor) (Baker, Oh)
4071 P3LU2: M/V Arethusa 0328 8/29 USB (clg/wkg WLO for R/T tfc to Istanbul) (Baker, Oh)
4077 WRC2722: Kodiak I 0238 8/28 USB (Cargo/passenger carrier clg WLO, for R/T call, reporting ves Titan having some kind of trouble) (Cope, Tx)
4092 WWXA: Global Marinor 0217 8/11 USB (U.S. flagged, concluding R/T tfc w/WOO) (Baker, Oh)
4113 ELJV7: Nordic Empress 0351 8/1 USB (Liberian-flagged passenger ves clg WOM w/R/T call) (Cope, Tx)
4125 KFJ: Galaxie Marine 1247 8/12 USB (Patterson, LA, wkg unid ves for routine report of status) (Cope, Tx)
4131 NTYL: USS Truxton (CGN-35 missile cruiser) 0147 8/31 USB (nuclear

powered, clg WOM for R/T call) (Cope, Tx)
4146 ADMP: NO ID 0305 8/28 USB (clg RAIDER, DIVERSITY, then ADMO, no joy on all) (Cope, Tx)
4372 ZERO ROMEO PAPA: 0033 8/3 USB (wkg GIANT KILLER regarding cancelled event-SF101) (Wolfson, Oh)
4411 WLO: Mobile Radio Al US 1105 8/22 USB (Caribbean wx) (D'Angelo, Pa)
6230 WYB2576: Heide 0320 8/28 USB (F/V wkg unid) (Cope, Tx)
6501 NMO: USCG COMMSTA Honolulu Hi US 0608 8/7 USB (wx) (Cope, Tx)
6513 IQALUIT COAST GUARD RADIO: Frobisher Bay NWT Canada 0217 8/4 USB (notices to shipping in FF/EE, very good signal) (Braun, Va)
6624 WBN2079: Daring 0439 8/20 USB (tug clg KQZ449, Long Beach, CA, no joy, switched to 4 megs) (Cope, Tx)
6627 WAQ7177: Emerald Coast 2140 8/05 USB (tug clg KZU, Gulf Mississippi Marine, Harvey, LA, for status report) (Cope, Tx)
8198 WX5892: Fajardo 0005 8/15 USB (tug clg WOM, no joy) (Cope, Tx)
8216 SWBJ: Chios 0225 8/31 USB (Greek-flagged tanker clg Athens Radio for R/T call) (Cope, Tx)
8219 LIZA3: Sun Viking 0428 8/24 USB (Norwegian-flagged passenger ves wkg KMI for R/T tfc) (Cope, Tx)
8222 ELBM9: Tropicale 0352 8/9 USB (Passenger ship clg WOM for R/T tfc) (Cope, Tx)
8237 TCOM: Kasim Imamoglu 0206 8/29 USB (Turkish-flagged cargo ves clg WOO, Ocean Gate Radio, NJ, US, for R/T call) (Cope, Tx)
8240 VICTOR 7 PAPA: USCG 2327 8/22 433 (wkg COMMSTA New Orleans) (Wolfson, Oh)
8264 WAQ5977: Marine Guardian 1235 8/12 USB (barge wkg WOM for R/T call re engine problems) (Cope, Tx)
8267 NKVY: USNS Indomitable (AGOS-7, Military Sealift Command Ocean Surveillance ves) 0411 8/25 USB (clg WOM for R/T call) (Cope, Tx)
8270 LAOI4: Majesty of the Seas 0314 8/11 USB (Passenger ves on route to Jamaica fr Grand Caiman) (Cope, Tx)
8285 WTB4640: Celebration 0205 8/31 USB (Passenger ves clg WOM for R/T call) (Cope, Tx)
8294 WBM8731: Sea Giant 0416 8/03 USB (tug wkg WPE w/status report) (Cope, Tx)
8722 ELLLZ: Jo Aspen 0325 8/25 USB (Liberian-flagged tanker clg WOM, WOM could not hear well, and signed out) (Cope, Tx)
8731 3FGV2: Seabreeze I 0010 8/26 USB (Panamanian-flagged passenger ves clg WOM for R/T call) (Cope, Tx)
8749 WOO: Ocean Gate Radio NJ US 0402 8/11 USB (w/tfc list) (Cope, Tx)
12230 ELIR8: Star Princess 0216 8/20-94 USB (clg KMI for R/T tfc) (Cope, Tx)
12233 ELFK6: Jubilee 2207 8/8 USB (clg KMI for R/T tfc) (Cope, Tx)
12263 WBN2078: Apache 1544 8/13 USB (tug clg WLO Radio, Mobile, AL, for R/T tfc) (Cope, Tx)
12266 NO ID: 0034 8/1 USB (12266/13113, fisherman talking to wife, Halifax Coast Guard Radio asked them to move to 8 megs) (Cope, Tx)
12287 SXQB: Loussios 2211 8/7 USB (Greek-flagged cargo ship clg Athens Radio, SVN58) (Cope, Tx)
12296 ELBM9: Tropicale 2127 8/15 USB (Liberian-flagged passenger ves clg

WOM for R/T tfc) (Cope, Tx)
12308 P3BR3: Integrity 0055 8/22 USB (Cyprus-flagged dry bulk carrier clg Szczecin Radio, Poland, no joy) (Cope, Tx)
12311 LAOI4: Majesty of the Seas 0200 8/08 USB (testing a new radio transmitter with WOO) (Cope, Tx)
12353 GCCB: London Victory 0005 8/10 USB (Tanker wkg London Spirit (GCCC, another tanker) re failing SatCom on Victory) (Cope, Tx)
13119 WOM: Pennsuco Radio Fl US 0016 8/3 USB (12272/13119, wkg u/id ship w/billing problem) (Lukas, NY)
13131 NKVQ: USCGC Nantucket (WPB-1316) 0032 8/27 USB (wkg NMG for simplex pp, CNN reporter on board to do live voice over report re Cuban refugees. Nantucket featured for several days on CNN as was Laurel w/ABC) (Baker, Oh)
16360 ELFK6: Jubilee 2130 8/19 USB (Liberian-flagged passenger ves wkg WOM for R/T call, reporting problems with water jacket temperature) (Cope, Tx)
16420 ICSD: Antonio D'Alesio 1915 8/28 USB (Italian-flagged cargo ves clg Rome Radio) (Cope, Tx)
16471 5MUE: Avion 2045 8/13 USB (Liberian-flagged bulk carrier clg Szczecin Radio, SPO82, Poland for R/T tfc) (Cope, Tx)

PHONE

4585 BLUE FLT 201: 2316 8/22 USB (msgs to u/id location, also BLUE FLT 10, 3) (D'Angelo, Pa)
5290 575: 0150 8/6 USB (pp thru Stockholm) (Braun, Va)
5297 NO ID: 0414 8/17 AM (numbers stn, maybe from Germany) (Lukas, NY)
6796 NO ID: 0307 8/25 AM (5 grp SS numbers) (Lukas, NY)
6815.6 CHARLIE KILO: 0319 8/1 USB (wkg CHARLIE ALPHA-Haiti Ops) (Battles, NH)
6830 GD: 1138 8/22 USB (wkg 4X re HF comms in u/id country and possibility of establishing contact, possible pp) (Braun, Va)
7535 NORFOLK SESEF: Va US 1142 8/16 USB (wkg USS Hayler w/rdo chk) (Braun, Va)
7653 FOXTROT: 1115 8/23 USB (wkg G/1/T on freq TAMPA, comms problem w/G, could not go to 10MHz codename ST. PETERSBURG, others units went to NUCO "VJVH" UNNUCO-new DF for data-New Haiti freq ??) (Braun, Va)
7797 NO ID: 2216 8/22 USB (man shouting "Radio Check...Radio Check") (Braun, Va)
7850 NO ID: 2315 8/18 USB (Caribbean stn clg PZA-Suriname government, no joy, Caribbean Emergency Net freq) (Braun, Va)
7865 5PW: Warszawa Radio Poland 0208 8/4 USB (marker, very good signal) (Braun, Va)
7906 USCGC ESCANABA: 1137 8/29 USB (wkg USCGC Gallatin w/rpt that 02 RTB for hydraulic problem-new CG freq) (Braun, Va)
8125 KLN80: FAA Atlantic City NJ US 1142 8/3 USB (wkg KDM52-FAA ARTCC Memphis Tn w/SHARES exercise msg) (Braun, Va); KHA950: NO ID 8/3 USB (wkg KLN80 w/SHARES msg) (Braun, Va)
8636 VNG: Time Signal Australia 1127 8/17 (time pips) (Thompson, NM)
9060 NO ID: 0105 8/11 USB (wkg ANDRE w/on ground times for various locations, Louisa, Henry, Cujulack mentioned-any ideas ??) (Braun,

Va)
11466 AFA: Andrews AFB USAF Md US 2210 8/16 USB 454 (pp) (D'Angelo, Pa)
11659 NO ID: 0215 8/14 (W w/SS numbers) (Newbury, Ne)
13440 ANDREWS: Md US 1545 8/21 USB (wkg NAVY 676 w/rx chk) (Braun, Va)
15000 WWVH: Time Signal Hi US 0319 7/4 443 (woman w/time) (Newbury, Ne)

RTTY/FAX

4173 CALCICATE M/Box: NO ID 1120 8/18 Sitor-A ("Calcicate mail box active" and idling till off) (Baker, Oh)
4175 ELHI8: M/T Lasbek 0324 8/16 Sitor-A (Liberian flagged tanker, tlx to Denholm-Thames for ETA to pilot station) (Baker, Oh)
4200 J4VK: M/V Anangel Fidelity 0441 8/29 Sitor-A (tlx for ETA Rio de Janeiro) (Baker, Oh)
6263 KNIJ: S.S. Manulani 0414 8/29 Sitor-A (tlx for departure report fm Seattle, "twist lock count", Vsl at 33-41N/118-46W) (Baker, Oh)
6264.5 P3RH3: Captain Pomerants 0254 8/1 SITOR-A (tanker, tlx for ETA Houston after dischg of 150,000 bbls at Galveston) (Baker, Oh)
6265.5 KIHD: M/V John Lykes 0446 8/29 Sitor-A (tlx re arrived Port Everglades) (Baker, Oh)
6266 P3TY4: LPG/C Kilgas Pioneer 0142 8/22 Sitor-A (LPG Carrier, tlx to Kil Man) (Baker, Oh)
6269 OXIG6: M/V Philomena Purcell 0610 8/22 SITOR-A (tlx to Vancouver, provisions order to ship chandlers) (Navary, Va)
6274.5 WVHS: SS Thompson Lykes 0855 8/24 SITOR-A (AMVER msg) (Navary, Va)
6835 GFL22: Bracknel Meteo UK 0412 8/1 50/425 (coded EGRR wx) (Baker, Oh)
7784.5 KAWN: USAF Ne US 0015 8/1 444 75/874 (coded wx) (Wolfson, Oh)
8105 RFFX: Ministry of Defense Paris France 2245 8/4 ARQ E 72 baud 444 (idling) (Card, RI)
8402.5 PWNM: NO ID Brazilian Navy ship 0145 8/5 75/850 (RYRY to PWZ33, Brazilian Navy sta at Rio de Janeiro). (Baker, Oh)
8407.5 3EXF8: TH Kommunary Nikolaeva 2225 8/24 (Ex-UMAZ?, RYRY to UIW, confirmed as K-grad Radio, & w/1 msg). (Baker, Oh)
8412 HCRE: M/V Republica de Equador 0416 8/11 SITOR-A (SS tlx) (Baker, Oh)
8417 GKE4: Portishead Radio UK 0045 8/3 SITOR-A (msgs to Cunard Lines ships including QE2) (Baker, Oh)
8556 SAB44: Goeteborg Radio Sweden 0341 8/3 SITOR-A (sending SELCALs UISP, IYPI & SBBY all no joy) (Baker, Oh)
10150.2 SUA246: MENA Cairo Egypt 1645 75/557 (AA nx) (Hall, SA)
10214.9 HZN48: Jeddah Saudi Arabia 1650 100/542 (wx codes) (Hall, SA)
10244.9 RFTJF: French Forces Port Bouet Ivory Coast 1654 48/839)idling, strange shift) (Hall, SA)
10950.3 RFFA: Ministry of Defense Paris France 1920 ARQ M2 200/400 (idling) (Hall, SA)
10980 RDD79: Moscow Meteo Russia 1913 FAX 60/576 (good chart) (Hall, SA)
11039.2 DDK9: Hamburg Meteo Germany 1910 50/394 (wx codes) (Hall, SA)
11080.3 SANA: Damascus Syria 1730 50/591 (EE nx) (Hall, SA)
11216.7 MFA CAIRO: Egypt 1906 SITOR A (AA tfc) (Hall, SA)
11246.7 MFA CAIRO: Egypt 1903 SITOR A (AA tfc) (Hall, SA)
11423.6 SOL242: PAP Warsaw Poland 1859 SITOR B (Polish nx) (Hall, SA)
11453.5 IMB3: Rome Meteo Italy 1838 50/850 (wx codes) (Hall, SA)

11475.5 HMF52: KCNA Pyongyang North Korea 1851 50/235 (EE nx) (Hall, SA)
11535.5 HMF49: KCNA Pyongyang North Korea 1846 50/201 (FF nx) (Hall, SA)
11552.8 MKK: British Army UK 1825 VFT 50/170 (FOXES etc on 5 channels) (Hall, SA)
11637.6 DDK8: Hamburg Meteo Germany 1842 50/400 (wx codes) (Hall, SA)
12140.3 HWN: French Navy Paris France 1820 75/801 (RYs, ID, SS) (Hall, SA)
12165 RKB78: Moscow Meteo Russia 1815 FAX (fair chart) (Hall, SA)
12225.3 HDN: Quito Naval Radio Equador 0141 8/24 75/850 ("Oceanic IX" exercise traffic, stations addressed were LOL, Argentine Navy, Buenes Aries; CXR, Montevideo Naval, Uruguay; CCS, Santiago Naval, Chile; CBC, Callao Naval, Peru; and ZKH Capetown Naval, RSA) (Baker, Oh)
12487 3EJP9: Pol New York 1215 8/29 SITOR-A (AMVER msg) (Navary, Va)
12491 ELPL8: Stolt Vestland 1805 8/13 SITOR-A (AMVER msg) (Navary, Va)
12495.5 SQGT: M/S Huta Zygmunt 2205 8/20 SITOR-A (wkg Gdynia Radio) (Navary, Va)
12496.5 HCQO: M/V Bonita 1550 8/19 SITOR-A (tlx tfc to several addresses) (Navary, Va)
12498.5 UNOJ: M/V Dekabrist 1150 8/23 SITOR-A (tlx tfc) (Navary, Va)
12501.5 P3FG4: M/V Aghia Markella 1130 8/30 SITOR-A (tlx to Panama) (Navary, Va)
12503 C6JK9: M/V Uglegorsk 0608 8/10 SITOR-A (tlx tfc) (Navary, Va)
12504.5 TCGA: M/T Geyve 2208 8/20 SITOR-A (tlx to Ganship London) (Navary, VA)
13470 RKU71: Moscow Meteo Russia 1744 FAX (very good polar chart) (Hall, SA)
16000 EKNB: Sovship TR Izumruni Bereg 1134 50/170 (wkg Murmansk) (Hall, SA)
16302 DFZG: News Belgrade Serbia 1500 8/6 354 390/75 (news in Serbian) (Card, RI)
16697 IBAA: M/T Agip Marche 1427 8/20 SITOR-A (tlx to Milano) (Navary, Va)
16697.5 LXDE: M/V Deloris 1842 8/8 SITOR-A (AMVER/obs via WLO) (Navary, Va)
16698.5 OXDK: M/V Danmark 1455 8/25 SITOR-A (msg in Danish via Lyngby Radio, Danish Gov't training vessel built in 1933) (Navary, Va)
16708.5 DIDA: M/V Ariana 1810 8/07 SITOR-A (meteo obs msg) (Navary, Va)
16709 LAEM4: M/V Dyvi Kattegat 1131 8/9 SITOR-A (AMVER msg) (Navary, Va)
16716 P3XB4: M/T Pumpuri 1814 8/24 SITOR-A (tlx tfc) (Navary, Va)
16788.5 SOVSHIP ARMAND: 1420 50/170 (wkg Odessa) (Hall, SA)
16801.5 UJJL: Sovship Geroi Kryma 1415 50/170 (wkg Sevastopol) (Hall, SA)
16802.5 EWIK: Sovship Taganrogski Zalin 1137 50/170 (wkg Sevastopol) (Hall, SA)
16821 VRX: Cape D'Aguilar Hong Kong 1200 SITOR B (tfc list, NEW CALLSIGN) (Hall, SA)
17443.4 BZG48: XNA Beijing China 1126 50/408 (RY, ID) (Hall, SA)
18134.8 MFA CAIRO: Egypt 1136 SITOR A (AA tfc, not listed) (Hall, SA)
18261 GFE24: Bracknel Meteo UK 1345 8/27 343 (western Europe wx) (Card, RI)
20348.5 9RE203: PTT Lumumbashi Zaire 1150 ARQ M2 96/333 (FF tfc for Gecamines) (Hall, SA)
22379.5 CBV: Valparaiso Radio Chile 1915 8/31 SITOR-A (wkg vsl w/SELCAL, tlx tfc, sent 3 tlxs, 1 w/5LG's! Note Klingenfuss shows 22381.5 in 11th, Ferrells 22380.5 in 8th. Also, Sitor ID was "CBV VAL" as in Valparaiso rather than Playa Ancha Radio) (Baker, Oh)

That's it for October. Keep those reports coming. CUN 30.

\\\\\\\\\\\\\\\\\\\\\\\\\\\\ UTILITY NOTES ////////////////////////////
News and Information from the World of Utilities
Richard "RD" Baker, Editor
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Austintown, Ohio 44515-3844
Internet: ae411@yfn.ysu.edu
GEnie R.Baker70

You may have noticed there is an addition to the masthead. I can now be reached via the GEnie system. If you would like to subscribe to GEnie, Glen Johnson, the Radio Round Table Sysop, has made me aware of a special offer. Set your communications software for half-duplex (local echo) at 300, 1200, or 2400 baud. Dial toll-free in the U.S. at 1-800-638-8369 (or in Canada, 1-800-387-8330). Upon connection, type HHH. At the U#= prompt, type JOINGENIE and press <Return>. At the offer code prompt enter MKC524. This offer code gets you onto GEnie for a monthly fee of $8.95, which includes 4 free hours of connect time (non-prime time) per month. After that, its $3.00 per hour. The sign-up code will get you $50 worth of usage (about ten hours) the first month at no charge. By downloading the GEnie communications program Aladdin you can really make 4 hours go a long way. This slick software jumps on and downloads new mail and posts in your area of interest and logs off in under two minutes as a rule. Mail replies and posts then are done off-line.
I've been looking around and they have a nice shortwave area that is divided into many areas of interest, not just the ute's! So this is a offer any Speedx'er may take interest in. If you need more information, contact GEnie Client Services at 1-800-638-9636.

NIOZ, The Netherlands
Jan Nieuwenhuis, a member of Benelux DX-club in The Netherlands and editor of the BDXC club-bulletin columns "DX-Hotline", "Publications" and at times "Specials", was nice enough to send me some information for the organization he works for, NIOZ. NIOZ is the Netherlands Institute for Sea Research. NIOZ is very much similar to NOAA here in the U.S. or the Bedford Institute in Canada mentioned in this column before. NIOZ is headquartered on Texel Island in The Netherlands.
The pride of NIOZ is the R/V Pelagia, callsign PGRQ. Built in 1991 and with a gross tonnage of 1553 tons, she has a blue hull and white super structure with orange trim. Really a beautiful vessel. Another ship operated by NIOZ, but not presently in service, is the R/V Tyro.
NIOZ is involved heavily in ocean research, and experimentation in Greenland, the NE Atlantic Ocean, Indian Ocean, Mediterranean Sea, Black Sea, Scotia Sea, and Antarctica to name a few locations!
If you should happen to log the Pelagia or the Tyro, drop Jan a line c/o: Vloedlyn 12, NL-1791 HH Den Burg (Texel), Netherlands, and he'll make sure that your QSL request is taken care of.
Now Jan also happens to distribute a software program for those ute's involved in facsimile reception. It's called WEFAX. Jan sent a full featured version of his software for me to review. Requiring a 286 or faster, with DOS 3.0 to 6.0, to run on, this is a weather facsimile data base with all kinds of info. Easy to use and menu driven, this software has a lot of options to

make catching or ID'ing FAX charts a lot more easy. Options include info display or report by frequency, by station, by callsign or country. Transmission times, power, and drum speed with index of cooperation (IOC) settings are included. A Station Information menu includes addresses and times of transmission of specific charts. Jan says every weather facsimile station in the world that transmits on longwave or shortwave has been included. Not sure what a "surface analysis" chart looks like? No problem, sample charts can be displayed also. It's a very impressive little program and in English too! Updates are also available.
Paying for the software is (perhaps) a little problem. The price of the WXFAX program is 25 Dutch Guilders (US$13.00). Lacking Dutch Guilders to pay with, you can send U.S. Dollars but then you have to add US$1.00 for conversion to Dutch money again. If you want to pay by check, it's best to use a International Bank draft order. Be sure to state that you need to send the equal of 25 Dutch Guilders. Prices include airmail postage worldwide.

RD Reviews "Hobbyist's Guide to COMINT Collection and Analysis" by Tom Roach
An interesting review this month and a change of pace from your normal "utility" book. Tom Roach, a longtime utility digital and SSB mode/broadcast hobbyist, has authored and published this title.
"COMINT" is a military acronym for "Communications Intelligence", or the gleaning of information from communications. You have seen examples of this month after month in this very column! When you hear a certain aircraft say "switch to frequency Z32" and you tune around and find the same aircraft calling his station of "Z32", you have engaged in COMINT. You now have determined by an intercepted communication that frequency "XXX" is designated "Z32", for a simple example. Sometimes you may see a oddly formatted message sent from one particular station and wonder what it is and how you can figure it out.
That's some of what Tom Roach explains in this book.
The book is some 100 pages spiral bound; a format I admire in a radio hobby book as it makes it easy to sit down on a page you want to keep turned to, no page weights required!
Stressing HF comms and using Russian and Cuban RTTY/CW traffic as an example, Tom gives the reader his "lessons" which can be applied to any aspect of the monitoring hobby, including VHF/UHF/800Mhz scanner traffic. Myself, I have been involved in the "ute's" and scanners for a long time and have "gleaned" my share of information. But I was still fairly amazed at some of methods that could be employed to solve "radio mysteries".
Chapters cover needed equipment; where, when and how to listen; and the proper analysis of data. It is this last area, analysis, that never has received any real attention in any publication before. All the analysis lessons here uses REAL intercepted traffic.
I think those who are involved in military monitoring of any kind, and digital modes, will find this book of interest. The "Hobbyist's Guide to COMINT Collection and Analysis" by Tom Roach is available direct from the author at 1330 Copper Peak Lane, San Jose, CA, 95120-4271 with a cost of US$24.00 U.S. and Canada, US$26.00 for UK, Finland, Germany, and US$27.00 for Australian readers. The book should be available through Universal Radio and Groves' shortly. All orders direct include air mail shipping, but no credit

cards accepted. And by the way, Tom is also a fellow Speedx member so if you order direct, ask him to sign your copy!

MARITIME
Robert Hall, our main man in Capetown, RSA, checks in this month with the burning question...

Where have all the Russians Gone? by Robert Hall
Since I began with RTTY some five years ago there have been many changes, in particular the reduction in Press transmissions. Where once one could find TASS on a dozen frequencies at almost any time of day, now we have to make do with the deadly dull stuff from KCNA Pyongyang, MAP Rabat or the absolute pits ATA Tirana and XNA Beijing. For those seeking intelligible news there is still ANSA Rome and MENA Cairo outs out a reasonable bulletin now and again. But RTTY listening seems not so nearly interesting today as it was three or four years ago with the big agencies using Satcomm's.
But when the bands seemed dead there has always been an alternative of tuning the Russian Merchant Marine communications. With well over 6,000 ships operating on certain narrow frequency bands, and invariably at 50/170 speed/shift, there has been no difficulty in logging different ships and callsign's throughout the day. Signals come in rather strongly from as far afield as Murmansk and Vladivostok, and there is always a good deal of traffic in the Black and Caspian Seas, mostly around 22.360 Khz. But they are a lot more difficult to find nowadays.
The Russians have a signal book of free transmissions for sailors which follows somewhat formal and endearing themes..."I kiss your hands and feet Ekaterina Plisetskaya", etc. But perhaps the Ekaterinas, Svetlanas, Nanushkas, and Olga's are going without their goodwill messages nowadays. Or maybe the Russian shipping has re-equipped with Satcomms's? But this seems unlikely considering the current state of their economy.

I can now expose the above as complete bunkum having logged no less than 10 Russian ships sending hugs and kisses within 30 minutes, all between 16790 and 16803 Khz and during their Sunday lunch between 1200-1230 GMT/UTC. So now we know where the Russkies are!

Thanks Robert. Yes it seems even the Russians (et al) are being affected by the continuing down-swing of the solar cycle. As Robert said, lots of ships and always interesting providing you can translate Russian. There are books out there that help. First, is the USSR Merchant Ship List by our own Jason Berri. Gives ship names, callsign's, and hull ID numbers as well as a introduction and information on finding and monitoring the Russian fleets. A very helpful book to get you going. Then we have The Soviet Maritime Radioteletype Dictionary edited by Gary Gorka with an introduction by Fred Osterman. Gives the Cyrillic and Latin-shift transliterations of commonly found words. Both of these useful books are available through Universal Radio. Here in Ohio, I've had great success 1900/2200 UTC between 16780 and 16804 Khz; 2000/0000 UTC between 12558 and 12572 Khz; and 2100/0200 UTC between 8393 and 8413 Khz.

This must be Russian Monitoring Month (hi!) as we also have some information sent by Tom Roach (CA). As some of you may have read, the Russian

government is attempting to take steps to seal the submarine Komsomolets. The Komsomolets, known to NATO as the Mike-class, was a Soviet Navy Nuclear Attack Submarine built as a test-bed but considered fully operational. While cruising in the North Atlantic, she suffered a fire in her aft most compartment. She surfaced, but subsequently flooded and sank on April 7, 1989, 112 nautical miles southeast of Bear Island, Norway, killing 42. She lies in 4,900 feet of water with a pressurized water reactor and two BGTs, or nuclear armed torpedoes. She became the focus of concerns over the last few years, as it was feared that nuclear materials may escape and destroy fishing grounds. The Russian expedition with NIS Akademik Mstislav Keldysh was the first to attempt to deal with the problem.
Tom snagged a nice intercept from the NIS Akademik Mstislav Keldysh. Not heard from in quite a while, she is near Panama, headed for Germany. The ship is operated by the Russian Academy of Sciences from Kaliningrad, and used her two Mir submersibles to place nine seals on the bow of Komsomolets. The seals covered the six torpedo tube openings and three hull fractures. Here is some of Tom's captured text:

NNNN
P207402
NIS AKADEMIK MSTISLAV KELDYSH KLD/MRKH 85 26 8/9 0700=
MOSKVA STARYY GAY 6 KORPUS 1 KV 33 VEDERNIKOVOY=

Working at 29 (or 9) degrees (North). Please subscribe
to "Oceanology" journal. ...

VALYA OBESPOKOEN DLITEL'NYM MOLCHANIEM PRODOLZHAEM RABOTY NA
DVADTSAT' V DEVYATOM GRADUSE PODPISHIS' NA ZHURNAL OKEANOLOGIYA TSELUYU=
VOLODYA
NNNN
P194000
NIS AKADEMIK MSTISLAV KELDYSH KLD/MRKH 92 19 8/9 0700=
GRODNO FOLYUSH DOM 207 KV 5 TERENEVICH=
PRISHLI POLIGON TSENTRE ATLANTIKI SEGODNYA SED'MOE POZDRAVLYAYU

Have arrived to the research site (Russian, "poligon") in the
center of Atlantic ocean. Today is the 7th (day of the month).

YUBL OBNIMAYU TSELUYU=IGOR'
NNNN

Thanks to Tom for sending that snag. Lastly, I have confirmed UIW is Kaliningrad Radio, UGC is Saint Petersburg Radio, and UGW as Novorossiysk Radio. More changes should be coming as the former Soviet Union continues to emerge as 17 or so republics or nations, all with new callsign allocations mostly from the old Soviet Unions blocks!

M/S Regal Empress, a 22,797 ton cruiseship owned by Regency Cruises, caught fire while moored in New York Harbor on August 20. Loaded to capacity, the ship returned from a five-day New England cruise when a fire started. The ship was evacuated, with 12 passengers and six fire fighters injured. There is no word on the extent of the damage. Regal Empress was just refitted last

year. That's all she "wrote" for this month, we'll try it again next month!
DE RD
==========
Note: This is the Dec. 'Electronic Edition' and is from the Oct. 1994 SPEEDX member bulletin "Shortwave Radio Today", ISSN 0882-8091. SPEEDX utility coverage now consists of three columns:

UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and schedule information. Contributions in these area's can be sent to Mike.

UTILITY NOTES: Edited by Rick "RD" Baker. News and information about the world of utilities, and utility stations. Contributions in these area's can be sent to myself.

UTILITY VERIFICATIONS: Edited by Tim Braun. "UTE" only QSL's and Verifications. QSL info. I hope to add Tim's column to the electronic edition soon.

SPEEDX members had this information over 2 months ago! If you would like to recieve this information as quickly as our members do, SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the other column's include:

THE DXperience: Focusing on notes,news,and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

TRASH & TREASURE: Information on catalogs, freebies, promotions, and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson. (73540.3025@compuserve.com)

SHORTWAVE TO GO!: News and information on shortwave broadcast stations. Edited by Richard E. Hankison
WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Tim J. Johnson

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

SPEEDX AWARDS: A wide variety of awards are available for members DX'ing accomplishments, Harold Woering, Awards Chairman

....and more!

If you would like to learn more about the SPEEDX radio club,
(the Society to Preserve the Engrossing Enjoyment of DX'ing), a
Non-Profit ALL Volunteer hobby organization founded in 1971, please
write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196,
DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico $23.00
Canada (AO Airmail) 25.00
Central/South America, Caribbean (airmail) 29.00
Europe (AO Airmail) 33.00
Africa/CIS/Asia/Oceania (AO Airmail) 37.00
Outside North America (Surface Mail) 23.00

All prices are in US funds. Tell Bob you heard about us from the
Electronic Edition!

--
Rick Baker (ae411@yfn.ysu.edu)
Recorded live and direct from downtown Austintown, Ohio

6769. Looking for a scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-13 12:20:31 UTC
From: lalee@freenet.vancouver.bc.ca
Message-ID: <3ck3if$qdn@freenet.vancouver.bc.ca>
Source record: 264380

Well, I attempted to search out a FAQ for this but was unable to locate one so I'll just start out...

(1) I remember when I was 10 years old or so and my friend just got a scanner... We used to listen to all the diffrent channels listening to the police, airport and such... Well I guess reading this newsgroup has regained my intrest in this hobby...

(2) Is Radio Shack probably the best place to start out for a scanner? I remember looking at a few things in the RS ads but no real searching. Any brands, models that would fit my needs for just general scanning.

Thanks.

==
| Lawrence D. Lee |
| E-mail Address: lalee@freenet.vancouver.bc.ca |
| Student, British Columbia Institute Technology |
==

6770. (Heli) FUN FLY!

Newsgroup: rec.radio.scanner
Date: 1994-12-13 12:35:14 UTC
From: komkit@clark.net
Message-ID: <3ck4e2$dak@clarknet.clark.net>
Source record: 264381

From Wdhille@aol.comTue Dec 13 07:26:44 1994
Date: Mon, 12 Dec 1994 22:15:48 -0500
From: Wdhille@aol.com
To: komkit@clark.net
Cc: cochrell@itd.nrl.navy.mil
Subject: Fun fly

The fifth annual MARYLAND HELICOPTOR FUN FLY will be
June 10 and June 11, 1995. The event will take place at the
MHA field, located 15 minutes from the Washington DC beltway.
As usual, we will advertise and announce this event in Rotary
Modeler Magazine, AMA, and as many club newsletters as
possible. Please help us by including this event in your club
newsletter, or announcing the event to your friends.

More info for direction please e-mail to:

Wayne, MHA (wdhille@aol.com)
Komkit, MHA (komkit@clark.net)

6771. Best Price for a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-12-13 12:59:54 UTC
From: jd13@ukc.ac.uk
Message-ID: <564@kiwi.ukc.ac.uk>
Source record: 264382

Hi,
I would like to try scanning as a new hobby and I am looking to buy an inexpensive entry level scanner. The only shop that sells scanners in the small city that I live in is Tandy and the most likely one for me to buy is the Pro-43 at 250.00 UKP (US$333.00). Is their a mail order company where I can get a Pro-43 (or a similar) scanner for a better deal? Better still are there any mail order meachants that sell used scanners.
Cheers.

--
==========
Jabulani Dhliwayo Applied Optics Group
Physics Lab. U. of Kent at Canterbury.
==========

6772. Scanning Questions

Newsgroup: rec.radio.scanner
Date: 1994-12-13 13:02:58 UTC
From: fa419@cleveland.Freenet.Edu
Message-ID: <3ck622$2tq@usenet.INS.CWRU.Edu>
Source record: 264383

I have a couple of questions about scanning that I've not been able to resolve...

1. Why do Police and Emergency Care dispatchers often sign their transmissions with the time. Are they time stamping a recording? Is it just custom?

2. I live within 5 miles of a medium sized airport but between 118 and 136 AM I only hear the occasional one sided conversation from aircraft... where is the tower?

3. I've only hear one transmission in my area that was strong but not readable (Ok, so there have been a lot but I think something is UP with this one!) and am not sure if it was SSB or Speech Inversion. Anyone brave enough to describe the two in text? BTW, this was in ~154~ MHZ Local Govt. Band.

4. Last one. When a local AM/FM/TV station is doing a remote broadcast, the remote can be heard in ~161~ or ~450~ areas as Auxillary Broadcasting. Fine. Between the broadcasts, one can hear the remote people coordinating with the station, but not the other side. Any ideas (I know how general this is but who can afford to be specific about a topic like this?) as to what bands a station might use? Business? A telephone connection? (not likely)...

Thanks and forgive the spelling
problems, lack of a usable editor
has turned me into a cretin.

Mike

5. What is a cretin?

6773. Re: Scanning on passenger planes

Newsgroup: rec.radio.scanner
Date: 1994-12-13 13:32:23 UTC
From: daled@xetron.com
Message-ID: <daled-1312940832230001@tc_mac1.xetron.com>
Source record: 264424

> I find it hard to believe considering:
> - Scanners do not transmit and the amount of RF that they could
> emit is regulated to pass FCC regulations before product release.
>
> - Certainly a laptop computer emits more RF. Try listening to your
> walkman next to one. (at least mine)
>
> - The airlines are merely taking precautions when they tell you to
> turn off all electronic equipment during takeoff and landing.
> To my knowledge there has never been an incident concerning this.

Scanners are not intended to radiate, but fall into the FCC category of "unintentional radiators." Most scanners have broad, untuned front-ends which are prone to unintentional radiation of the local oscillator, which is offset from the desired RF by the IF. The FCC limits this emission to a level acceptable for the scanner's most common locations of operation -- residential and commercial locations. This level may or may not be acceptable for a public safety situation.

While laptop computers also radiate, remember that when you are scanning aircraft frequencies, the most likely frequency you are causing interference to is also in the aircraft band! The laptop will radiate junk, but maybe not at critical frequencies.

While I agree that the airlines are taking a conservative stand, I also feel that most scanners have poor isolation characteristics, and I centainly do not trust them to be safe in such environments without testing each unit before flight. Since the crew doesn't have the means to test them, it's easiest to turn them off.

Don't get me wrong, I am a scanning enthusiast myself. But I also think that the electronics that we are being sold are largely junk, and really could be improved by orders of magnitude if we insisted on it. (Asbestos suit now in place.)

Let's not re-hash this thread of scanners on airplanes any more. It has been done to death.

6774. Re: Icom R-100 strange behaivor

Newsgroup: rec.radio.scanner
Date: 1994-12-13 13:34:13 UTC
From: rharding@olympus.net
Message-ID: <rharding.18.000D9265@olympus.net>
Source record: 264407

In article <1994Dec9.213913.29504@qms.com> ofarrell@bashful.rd.qms.com (John O'Farrell) writes:
>From: ofarrell@bashful.rd.qms.com (John O'Farrell)
>Subject: Icom R-100 strange behaivor
>Date: Fri, 9 Dec 1994 21:39:13 GMT

>My dad has had an Icom-R100 for about nine months now, and has enjoyed
>it tremendously. But, about a month ago, it starting doing something
>strange.

>He uses the function that scans a frequency range (I can't remember
>what Icom calls it). What has started happening is that while
>scanning, it will stop on some signals, and on others it will not.
>When it encounters a signal that it doesn't stop on, you can see the
>s-meter shoot up and hear the signal for a split second, but scanning
>never stops.

>When this happens, you can stop it manually, back up to where the
>signal was, and, sure enough, there is a signal there that you can receive
>with no problems.

>He returned the unit to Icom (since it was still in warranty). The
>technician who work on it said he couldn't reproduce the problem, and
>wrote the following comments:

> "Checked radio's scan operation. No problems found. Suspect symptoms
> due to "intermod" and possible front end overload from strong signals.
> (Also, check sql setting)"

>Has anyone else seen something like this? Any suggestions on something he
>might try to make this go away?

Hello, no problems with my ic-r100, works great. Your scanner must have been
in a bad batch. Good luck,

rharding@olympus.net(Ron)> -------------
> _/_/_/_/_/_/ _/ _/_/_/ _ John O'Farrell
> _/ _/ _/ _/ _ Member of Technical Staff
> _/ _/_/ _/_/_/ _/_/_/ _/ _/ _ QMS, Inc.
>_/ _/ _/ _/ _/ _/ _/ _/ _/ _/ _ Mobile, AL
>_/_/_/ _/_/ _/ _/ _/ _/ _/_/_/ _ ofarrell@qms.com

6775. Re: AR8000 interface news

Newsgroup: rec.radio.scanner
Date: 1994-12-13 13:47:01 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3ck8kl$qfa@sparc.occ.uky.edu>
Source record: 264389
Cross-posted to: alt.radio.scanner,rec.radio.scanner

: Any opinions from others?

I agree with your approach - I'd like to tie the AR8000 to my HP100LX
pocket computer!

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

6776. Re: Cellular Phone Jammer

Newsgroup: rec.radio.scanner
Date: 1994-12-13 13:57:41 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.212.0007F667@chevron.com>
Source record: 264384

In article <Pine.HPP.3.91.941212183223.1445H-100000@holmes.ece.orst.edu>
varine@ece.orst.edu (brian varine) writes:

>I just got run off the road by some idiot talking on the phone,but, it
>got me thinking. Since there is a way to use your phone as a scanner (I
>dont know exactly how yet) couldn't you push the right codes and get your
>phone to "step on" the phone in front of you? I'd like to see if I could
>tell the guy in the car in front of me to move to the right lane when I
>want to pass. Sound like a good idea to you people?? Is it possible??

It sounds like a absolutely stupid idea to me. And would also be illegal. I
have no problem with people who want to scan the cellular service - just keep
what hear to yourself and you can be sure that eavesdropping prohibitions
won't effect you. When you start manipulating a transmitter for
intentional, unauthorized operation and cause interference is when I start
supporting the big dollar penalties the FCC likes to dish out.

To be fair and answer your other question, yes, most phone have service
modes that bring up the transmitter on specified channels. Some require a
test connectors to be installed (eg. Motorola), others can go to test mode by
using special password commands (eg. Mitsubishi, Oki). The manufacturers
intend to keep those passwords among qualified service people.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

6777. Re: Which coax for discone?

Newsgroup: rec.radio.scanner
Date: 1994-12-13 14:08:34 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-1312940808340001@net63.metronet.com>
Source record: 264385

For a discone antenna, the BEST coax to run is 9913, which could be expensive and hard to work with, but it is the best, especially if you have a long run. Additionally, 52 ohm or 50 ohm is of little consequence since you are not transmitting.

--
Marc B. Grant
marcbg@metronet.com
Voice Mail: 214-246-1150
Amateur Radio N5MEI

6778. Re: Best Price for a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-12-13 14:11:45 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-1312940811450001@net63.metronet.com>
Source record: 264386

In article <564@kiwi.ukc.ac.uk>, jd13@ukc.ac.uk (J.Dhliwayo) wrote:

> The only shop that sells scanners in the
> small city that I live in is Tandy and the most likely one for me to buy
> is the Pro-43 at 250.00 UKP (US$333.00).

Considering that you live in UK, it is not a bad price at all. The Pro-43 sells here for $299 when it is on sale, plus sales tax. You could order a Pro-43 for less from some discounters here in the states (probably $250), but by the time you pay shipping, customs, and account for the currency conversion, I don't know if you're getting any bargain.

--
Marc B. Grant
marcbg@metronet.com
Voice Mail: 214-246-1150
Amateur Radio N5MEI

6779. Re: Dipole for cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-12-13 15:05:26 UTC
From: jcarter@orl.mmc.com
Message-ID: <3ckd7m$sl4@theopolis.orl.mmc.com>
Source record: 264387

In article 1sh@vixen.cso.uiuc.edu, mraub@prairienet.org (Michael E. Raub) writes:
/Can anyone tell me how long each leg of a dipole cut to recieve cordless
/telephone frequencies (49MHz) should be. Should the dipole be mounted
/vertically or horizontically, or does it make any difference?

The calculation is 300/49=6.1 meters. I think a good 6 meter ham
antenna would work for this. Be aware that most cordless phones
"do not" xmit on the base antenna". The base antenna is used for
receiving only. Most phones xmit through a xformer into the power
line.

Jim
\/\/ * \/ _._. __._ /\/\/ | James A. Carter (Jim) | jcarter@orl.mmc.com |
/|\ | Senior Software Engineer |_____________________|
/\|/\ K D 4 P O N | Martin Marietta | These views are my own |
/\/|\/\ ORLANDO | Mail Point 138 | and not that of my |
/\/\|/\/\ FLORIDA USA | 5600 Sand Lake Road | employer. |
/\/\/|\/\/_____________| Orlando, FL 32819-8907 |__________73's_Jim ____|

6780. Pro 2033, 406-8, 43

Newsgroup: rec.radio.scanner
Date: 1994-12-13 15:15:06 UTC
From: lalee@freenet.vancouver.bc.ca
Message-ID: <3ckdpq$2ks@freenet.vancouver.bc.ca>
Source record: 264388

Heh, I just found a copy of local Radio Shack ad...

Anyhow any comments if the scanners listed above would be good for a novice? Or would there be better deal for price in other models...

I'd prefer a handheld, but looking at the Pro-43 which costs 349CDN compared to the Pro-233 which is only 140CDN... Though I guess they have diffrent features...

Also what kind of range should I expect with these things?

6781. Airband

Newsgroup: rec.radio.scanner
Date: 1994-12-13 15:39:02 UTC
From: dpfg@ukc.ac.uk
Message-ID: <5808@rook.ukc.ac.uk>
Source record: 264391

What exactly is in the region 108-118 MHz? Is it speech that can
be listened to? Some scanners seem to omit it....one wonders if
anything is being missed..

--
"It makes no difference to the final outcome whether you are an
optimist or a pessimist, but the optimist has more fun along the way."

6782. Re: AR8000

Newsgroup: rec.radio.scanner
Date: 1994-12-13 15:39:40 UTC
From: garyg@vanbc.wimsey.com
Message-ID: <19941213.3CCCA0.E405@vanbc.wimsey.com>
Source record: 264415

In article <3cit3k$m6e@nntp.crl.com> Flying Turtle <vhealey@crl.com> replied:
> garyg@vanbc.wimsey.com (Gary Gagnon) wrote:
> >
> > My AR-8000 comments and opinions - not trying to start flame wars :)
> >
> > - The audio is much better that the AR-1000 XLT.
>
> > - WARNING - don't use earphones if (in expert mode) you set squelch level
> > on. This disables the squelch control and there is no safe way to set
> > the volume control. I blasted my ears a couple of times before I realized
> > what was happening. With the squelch level set to off, the squelch
> > control works as you expect and can set squelch to minimum then adjust
> > the volume safely.
> >
> A safe way you could adjust volumn level is to press the monitor
> button while truning the volumn knob from low to proper level.
>
> Ki4je
--
I don't agree. Try the following...

FUNC (M.R)
AUDIO ON or OFF (I think ON is better for this example)
LEVEL 7
ENTER
Squelch control to minimum
Start scanning (with the SCAN button)

Pressing MONI will do nothing except display the 'S' on the display until a signal is received which is strong enough to stop the scan. Pressing the FUNC button will stop the scan but squelch will again not be broken. After it does actually stop scanning (when a strong enough signal has been received) you will then (and only then) hear the unsquelched noise AFTER the transmission has finished.

When I originally noticed this problem, it had stopped on a strong signal but there was no audio. I was adjusting the volume and of course heard nothing until the carrier stopped ... then I really got blasted with the unsquelched background noise.

Definitely a potentally dangerous and possibly damaging scenario for the ears!

I think this can only happen if the LEVEL setting is anything but OFF.
--
Gary Gagnon

Some day this .signature might actually be worth reading

6783. Re: Wanted: New PRO-2006

Newsgroup: rec.radio.scanner
Date: 1994-12-13 15:55:14 UTC
From: dctrhappy@aol.com
Message-ID: <3ckg52$qkh@newsbf01.news.aol.com>
Source record: 264392

Reguarding new Pro 2006's

You can try this place:

- Marymac Distributing (Katy, TX) sells Radio Shack scanners at discount, but charges a 20% restocking fee for returned merchandise. Telephone (800)231-3680 and (713)392-0747.

6784. Popular 2M frequencies in Minneapolis

Newsgroup: rec.radio.scanner
Date: 1994-12-13 16:31:51 UTC
From: sami@bnr.ca
Message-ID: <3cki9n$8g@bcarh8ab.bnr.ca>
Source record: 264413
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

I'll be in the Minneapolis area soon and was wondering about any
popular 2M frequencies, weekly nets, etc. Other than a copy
of my Canadian license, do I need anything else to operate in
the US? Are there any problems going through customs with
an HT and/or a scanner? Any other info would be appreciated.

--

Sami Boulos | Bell-Northern Research | TEL: (613) 765-2108
VE3SKK | P.O. Box 3511, Stn. C | FAX: (613) 765-2186
sami@bnr.ca | Ottawa, Ontario Canada K1Y 4H7 | #include <disclaimer.h>

6785. Scanner Use In Florida

Newsgroup: rec.radio.scanner
Date: 1994-12-13 17:30:49 UTC
From: jmichael@uoguelph.ca
Message-ID: <3cklo9$ki0@nermal.cs.uoguelph.ca>
Source record: 264393

I'll be travelling to Miami this week and then onto a cruise ship. Can someone please tell me the legalities of bringing my Icom R-1 into and using it in Florida, specifically in the Miami area? Do I have to clear it with Canadian/American customs?

Thanks in advance,

Jesse

--
Jesse S. Michaels at = Canada....The TRUE North Strong and Free!
The University of Guelph, = "Neither Capitalism nor Socialism can
Guelph, Ontario, Canada = pretend to be an ideology. They are merely
jmichael@uoguelph.ca = methods for dividing ownership and income."
= John Ralston Saul in "Voltaire's Bastards"
Political Sci Guy and Proud! = Am Yisrael Chai!

6786. Re: "K"

Newsgroup: rec.radio.scanner
Date: 1994-12-13 17:31:52 UTC
From: digger@mindvox.phantom.com
Message-ID: <g490wc1w165w@mindvox.phantom.com>
Source record: 264394

> In article <3chklb$1o6@sparc.occ.uky.edu>, jadantin@ndlc.occ.uky.edu (Jim Dan
> > Marc Richard Wollemborg (mrw13@columbia.edu) wrote:
> >
> > : On many of the emergency services frequencies in my area, I've often
> > : heard the dispatcher and the various units call each other "K". What
> > : does this stand for?
> >
> > How about short for "OK"?

Nope. It comes from the morse "K" sent at the end of a CW transmission.
It means "I'm done sending, you can go ahead and send now." Apparently it
was picked up by the emergency services, and now a lot of them use "K"
like a comma in their transmissions....

My $.02 worth, and worth every penny!

---===[digger@phantom.com]===---

6787. Re: Philly POLICE 911 call transcripts

Newsgroup: rec.radio.scanner
Date: 1994-12-13 17:36:37 UTC
From: jwierzbicki@melpar.esys.com
Message-ID: <D0rFL2.4It@melpar.esys.com>
Source record: 264422

Can someone post the laws in Philadelphia regarding firearms ownership?
For example, do you have to be licensed? Are citizens near the scene
of the beating even allowed to own handguns? Too bad no citizens came to
the aid of that young man.

See, we can't always count on the police to protect us - gun control takes
away a means of self-defense.

John L. Wierzbicki --- jwierzbicki@melpar.esys.com
****
* "The very atmosphere of firearms anywhere and everywhere restrains *
* evil interference - they deserve a place of honor with all that's *
* good." ------- George Washington *
* *
* "Never bring a bat to a gunfight." John L. Wierzbicki *
****

6788. Re: Is BC700A modifiable for cellular?

Newsgroup: rec.radio.scanner
Date: 1994-12-13 17:40:00 UTC
From: domonkos@access.digex.net
Message-ID: <LpTxkiubGs0I066yn@access.digex.net>
Source record: 264421
Cross-posted to: alt.radio.scanner,rec.radio.scanner

```
In article <3cio1i$qi7@homer.alpha.net>, Keith Beckmann wrote:
> scott@redstorm.nawc-ad-indy.navy.mil wrote:
> : Does anyone know if the Bearcat BC700A is modifiable to receive cellular?
> : Thanks in advance...
>
> : | Scott Richardson |
> : | scott@redstorm.nawc-ad-indy.navy.mil |
>
> Yes, the BC700A is modifiable for cellular restoration.
>
> --
> Internet address: kbeckman@earth.execpc.com
> Internet via EXEC-PC 414-789-4600
>

Be careful, Sears is selling non-modifiable units, while Damark still has them
modifiable, for now.

Andy
```

6789. Re: Inmarsat

Newsgroup: rec.radio.scanner
Date: 1994-12-13 18:11:03 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.215.000C2F84@chevron.com>
Source record: 264395

In article <387_9412112301@tnlhub.esnet.com> john.hartsell@tnlhub.esnet.com (John Hartsell) writes:

>Does anybody listen to Inmarsat satellites on the west coast ?

Correct me if I am wrong... Inmarsat is digital. There are different classes of Inmarsat using different data rates. Does anybody listen to it anywhere?

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

6790. Outdoor ant. overload pro-43?

Newsgroup: rec.radio.scanner
Date: 1994-12-13 18:48:07 UTC
From: maverick@csulb.edu
Message-ID: <3ckq97$22r@garuda.csulb.edu>
Source record: 264396

I'm trying to choose between the Pro 43 and the Pro 2006. I know that one is portable and the other is a base station. I really like the Pro 43 but I heard that you cannot connect an outdoor antenna to it with good results, because the signal will "overload and blow through the front end of the Pro 43," whatever that means. I take it to mean that the 2006 electronics are better and can handle a strong signal but the Pro 43 cannot? I don't need the tape output on the 2006. Apart from this, is there a big difference in the quality of the electronics between the two?

Does anyone have any experience with this problem? Email me directly if you'd like. Thank you.

6791. Re: PRO-2035 Anyone?

Newsgroup: rec.radio.scanner
Date: 1994-12-13 18:50:39 UTC
From: tomswisher@aol.com
Message-ID: <3ckqdv$ssr@newsbf01.news.aol.com>
Source record: 264397

In article <3cic90$k0s$1@mhade.production.compuserve.com>, Jeff Goldman <76703.4224@CompuServe.COM> writes:

> Has National Scanning received a BC3000XLT yet?

I'm not sure. Which one is the BC-3000XLT? Is is brand new or is it one of the new ones that came out in 92 or 93? If it is brand new, we haven't gotten one yet.

Tom Swisher, N8GQK
National Scanning Report

6792. AR8000 Freq Range?

Newsgroup: rec.radio.scanner
Date: 1994-12-13 19:06:15 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1994Dec13.190615.12144@news.csuohio.edu>
Source record: 264399

I suppose I could check the next time I am at the local ham store,
but could someone please email me the lower and upper frequency
bounds of the AR8000, and any known gaps (aside from the obvious
celluar mobile/repeater gaps in the 800 band for the US model).

Also, is the Canadian model gapped out for cellular?

Thanks much.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

6793. Re: Cordless Descrambled

Newsgroup: rec.radio.scanner
Date: 1994-12-13 20:11:21 UTC
From: schuster@panix.com
Message-ID: <3ckv59$5s0@panix3.panix.com>
Source record: 264400

In article <3cj6t7$t8h@floyd.santarosa.edu>,
John Thompson <jthompso@nermal.santarosa.edu> wrote:
>Hello Everybody,
>
>In the past I have seen articles here reguarding cordless phones and speech
>inversion. I need to purchase a unit that would unscrambled the encryption
>that "regular" (46-47mhz) cordless phones use. Can somebody recomend a
>reliable unit and where to get it? Or can someone tell me where to look for
>a descrambler (what company, etc...)? Any information that ANYONE has on
>this matter would be of enormous assistance!!!

You'll have trouble buying descramblers because of ECPA.

For casual monitoring of simple frequency-inversion scrambling, get a
scanner that can demodulate SSB (like the Yupiteru MVT-7100, AOR AR-8000,
AOR AR1500, Camnis HSC-050/Trident TR-2400, etc). Tune slightly off
frequency in whatever sideband mode the scanner is capable of, and you'll
be able to hear slear speech (with heterodyne) via slope detection.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6794. PRO 23 MODS

Newsgroup: rec.radio.scanner
Date: 1994-12-13 20:11:30 UTC
From: dar@earth.execpc.com
Message-ID: <3ckv5i$78m@homer.alpha.net>
Source record: 264401

I was given a PRO 23. Does anyone know of any MODS to complete the 800-900Mhz range. From the factory you get 806-956Mhz with blocks between 823.9-851 and 868.9-896 disabled.

6795. Re: Airband

Newsgroup: rec.radio.scanner
Date: 1994-12-13 20:22:12 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.216.000E5F2D@chevron.com>
Source record: 264402

In article <5808@rook.ukc.ac.uk> dpfg@ukc.ac.uk (Duncan) writes:

>What exactly is in the region 108-118 MHz? Is it speech that can
>be listened to? Some scanners seem to omit it....one wonders if
>anything is being missed..

Air Traffic Control and other conventional aeronautical traffic can be found between 118 and 136 MHz. Most scanners likely omit it since the service is AM. Most FM scanners can pick it up but the audio is real low.

108 to 118 is aeronautical navigation (radiolocation). The only things operating here are VORs (Very-high-frequency Omnidirectional Radiorange) and runway localizers.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

6796. Re: Best Price for a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-12-13 20:35:54 UTC
From: steven@gate.net
Message-ID: <3cl0ja$1vf9@tequesta.gate.net>
Source record: 264403

Marc B. Grant (marcbg@metronet.com) wrote:
: In article <564@kiwi.ukc.ac.uk>, jd13@ukc.ac.uk (J.Dhliwayo) wrote:

: > The only shop that sells scanners in the
: > small city that I live in is Tandy and the most likely one for me to buy
: > is the Pro-43 at 250.00 UKP (US$333.00).

: Considering that you live in UK, it is not a bad price at all. The Pro-43
: sells here for $299 when it is on sale, plus sales tax. You could order a
: Pro-43 for less from some discounters here in the states (probably $250),
: but by the time you pay shipping, customs, and account for the currency
: conversion, I don't know if you're getting any bargain.

You forgot one *important item*

The ones in the US most likely can not be modified for cellular reception,
those in the UK either come that way or are easily changed. Therefore, taking
this new look at it, the ones in the UK are a *BARGAIN* for uncensored units.
The North American versions are holy junk with two holes in the 800 mhz area.
I will no longer purchase scanners with 800 mhz in the US for that reason.
Also since I find 800 mhz very needed in this modern world, that means the
US scanner market lost its ability to sell to me as a result of the stupid
governmental restrictions (ok to buy from overseas, just not for marketing or
manufacture in the US). Nice improvement on the US economy boneheads.

Steven
--
Steven G. Bradley | The Forest City Exchange | H) 407/862-7226
System Administrator | Forest City, Florida | W) 407/578-8007 x1196
| (407) 862-8088 (407) 788-8088 | steven@gate.net
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | sbradley@netcom.com

6797. Re: Freq's-Orlando. FLA airport

Newsgroup: rec.radio.scanner
Date: 1994-12-13 20:42:36 UTC
From: steven@gate.net
Message-ID: <3cl0vs$1vf9@tequesta.gate.net>
Source record: 264404

Steven Bradley (sbradley@netcom.com) wrote:

: If you are looking for the frequencies for ground operations at Orlando
: you'd be looking at:

: Channel 1 453.300 (Police)
: Channel 2 453.100
: Channel 3 453.850 <-- OOops, was listed as 452 in error!
: Channel 4 460.600 (Fire)
: Channel 5 453.525

Steven

--
Steven G. Bradley | The Forest City Exchange | H) 407/862-7226
System Administrator | Forest City, Florida | W) 407/578-8007 x1196
| (407) 862-8088 (407) 788-8088 | steven@gate.net
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | sbradley@netcom.com

6798. WARNING: John Kwiatkowski RIP OFF!!

Newsgroup: rec.radio.scanner
Date: 1994-12-13 20:46:19 UTC
From: tumeke@midland.co.nz
Message-ID: <3cl16s$jpa@news.midland.co.nz>
Source record: 264405

About 6 months ago I purchased a scanner from this prick, and he did a runner with the money saying that the scanner was on its way, (I am in New Zealand), He had also ripped a few other people off.
Now I have got hold of this person in another newsgroup: alt.2600
He now assumes the email address: 0007152212@mcimail.com (John Kwiatkowski)
He did have the email address : jkwiatkowski@attmail.com
People were so kind as to give me information about this person, but nothing could be done from me being so far away, could some people be so kind to give as much information about this scam arsewipe....
Thanks in advance....
Who what I could do.

6799. Re: Bearcat BC250 - source for obsolete IC's?

Newsgroup: rec.radio.scanner
Date: 1994-12-13 21:08:44 UTC
From: <>
Message-ID: <3cl2gs$6uj@wizard.uark.edu>
Source record: 264406

dougb@tc.fluke.COM (Doug Barker) writes:

>My question: is there any repair shop out there
>that might stock the obsolete stuff?

A place called G&G Communications can probably help you. I'll bring the
address from home tomorrow ... Good service - reasonable charges (IMHO)
- and tons of old scanners in stock ...

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

6800. Re: "K"

Newsgroup: rec.radio.scanner
Date: 1994-12-13 21:42:51 UTC
From: <>
Message-ID: <3cl4gr$7ph@wizard.uark.edu>
Source record: 264408

Marc Richard Wollemborg <mrw13@columbia.edu> writes:

>On many of the emergency services frequencies in my area, I've often
>heard the dispatcher and the various units call each other "K". What
>does this stand for?

The PD in Montreal does this too. Or used to. Interesting considering
that 99% of comms are en francais.

I presume it comes from telegraph where "K" is used where one would use
"over" on voice. That's kind of weird, though, 'cause I don't ever
remember PD or FD telegraph systems using Morse ... (usually just numbers
tapped out - taptaptap = 3, etc)

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

6801. Re: Unlawful conversion?

Newsgroup: rec.radio.scanner
Date: 1994-12-13 21:44:48 UTC
From: tls@gate.net
Message-ID: <3cl4kg$1hnt@tequesta.gate.net>
Source record: 264411
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Walter R Francis (WALLY@ukcc.uky.edu) wrote:
: I have been unable to figure out what this means, if anyone could
: help me out I'd appreciated it..
Unlawful conversion is a fancy legal term for theft; i.e. the property of
one person is "converted" into the property of another person, at least
until he is caught.

--
Terry Steinford
tls@gate.net

6802. Re: Anyone know U of G police FREQ?

Newsgroup: rec.radio.scanner
Date: 1994-12-13 21:55:24 UTC
From: <>
Message-ID: <3cl58c$81q@wizard.uark.edu>
Source record: 264409

dretzik@uoguelph.ca (David Retzik) writes:

>Sorry about that. U of G is University of Guelph, pretty much everyone
>in Ontario has heard of it so since Ontario (Canada) listeners were
>probably the ones that would help me with this I didn't bother to be more
>clear. You are right though, I should have been more clear in order to

I missed the original post, so by official usenet rules, that makes me
uniquely qualified to comment :-)

The problem, Dave, is that when you post to usenet, you post to the world.
Even to Prodigy. Experience has shown that even limiting your
distribution (allowed by some newsreaders) has little effect.

As to your question, <shrug> haven't been thru your burg in about four
years ... Canadian bands run different from US - try searching 142-144
for VHF PD stuff and 410-420 PD UHF. I would highly recommend a copy of
the Haruteq frequency directory for Ontario. I don't know where you can
get one in your area tho'. Scanner Master Books used to carry them
(1.800.SCAN.701 - I think that's valid from Canada) ...

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

6803. Forgotten Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-12-13 22:10:19 UTC
From: dodcop@aol.com
Message-ID: <3cl64b$25o@newsbf01.news.aol.com>
Source record: 264410

Hey Mr. OB,
I have lost those listings you gave me and would like to know if you can
re-send them to me.

6804. **********BC855 XLT MODS

Newsgroup: rec.radio.scanner
Date: 1994-12-13 22:49:44 UTC
From: mtomek@ccs.neu.edu
Message-ID: <3cl8e8$m4l@chaos.dac.neu.edu>
Source record: 264412

does anyone know where I can find the cell mod for this radio

mtomek@ccs.neu.edu

Max

6805. AR8000 Cable

Newsgroup: rec.radio.scanner
Date: 1994-12-13 23:13:00 UTC
From: paul.britton@satcom.mhs.oz.au
Message-ID: <332.302.120@satcom.mhs.oz.au>
Source record: 264414

```
* In a message originally to ALL, Flying Turtle said:

> Jim I bought the interface from Johnathan over in England.

Can you post a number for your contact in England, and was the $130.00 in US
Dollars od Pounds Sterling.

> are some folks on Compuserve that have done a dump of the AR8000 rom

Can you let me know the name of the forum on Compuserve, so I can join in
there as well...

Paul

---------------------------------------------------------------------------
Internet: paul.britton@satcom.mhs.oz.au (Paul Britton)
Fidonet : 3:714/905
Satcom Australia Space & Satellite BBS
Sydney Australia 612-9050849 28.8k
612-9057694 28.8k
---------------------------------------------------------------------------
```

6806. Re: PRO 43 4SALE

Newsgroup: rec.radio.scanner
Date: 1994-12-13 23:46:05 UTC
From: ac871@cfn.cs.dal.ca
Message-ID: <D0rwou.L5H@cs.dal.ca>
Source record: 264416

Cono A Delrosso (Cono.A.Delrosso@f592.n107.z1.fidonet.org) wrote:
: Pro 43 hand held portable scanner for sale, Never modded, has the 800mhz but
: not the cellular, but there are ways to get the cellular to work.. I beleave
: there is a way to do it from the keypad, but im not shure how it's done.

From the keypad, you probably mean the "back" of it as it requires the
unsoldering of a diode and relocating same diode for other enhancements.

6807. Secret service freqs

Newsgroup: rec.radio.scanner
Date: 1994-12-14 00:49:08 UTC
From: dvm@bga.com
Message-ID: <3clfe4$gvm@ivy.bga.com>
Source record: 264417

I saw this posted a couple weeks ago, listing secret service freqs. I saved the posting but now i can't find it. Can someone repost or email to me?

thanks

dave vandermeer
dvm@bga.com

6808. Oakville Ontario Fire Dept Freq

Newsgroup: rec.radio.scanner
Date: 1994-12-14 00:49:36 UTC
From: ah254@freenet.toronto.on.ca
Message-ID: <D0rzMq.GtF@torfree.net>
Source record: 264418

Would anybody happen to have the frequencies for the Oakville, Ontario, Canada FIre Department (and police)? If you do, would you please send them this way? I haven't lived here very long and haven't been able to pin them down..

--

Kent Timm Email: ah254@torfree.net
Team Timm R/C Software Oakville, Ontario Canada
R/C Helper: The World's First shareware for R/C Cars, Trucks & Air!

6809. Canadian Regulation on cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-14 00:57:52 UTC
From: Tomalak <tomalak@shoreline.ca>
Message-ID: <491557@shoreline.ca>
Source record: 264419

I dunno, but is there any diffrence in the Canadian regulations on scanning 800+ Mhz...

If they allow for it would that mean I could get one that scans those channels here in Canada?

Thanks.

6810. Re: Inmarsat

Newsgroup: rec.radio.scanner
Date: 1994-12-14 01:05:16 UTC
From: jimc1790@aol.com
Message-ID: <3clgcc$4jc@newsbf01.news.aol.com>
Source record: 264420

In article <cgwh.215.000C2F84@chevron.com>, cgwh@chevron.com (Curtis Wheeler) writes:

john.hartsell@tnlhub.esnet.com (John Hartsell) writes:

>>Does anybody listen to Inmarsat satellites on the west coast ?

>Correct me if I am wrong... Inmarsat is digital. There are different classes
>of Inmarsat using different data rates. Does anybody listen to it anywhere?

INMARSAT-A is 25Khz wide FM Analog and is the most common voice mode (for now). If you have the equipment INMARSAT is interceptable. On 1537 Mhz (1.537 Ghz) is the Armed Forces Radio & Television Service. This is how the US Navy ships get live entertainment and news. It also makes am excellent beacon to use to align the antenna (dish or yagi) and tune the receiver.

Jim

6811. Re: "K"

Newsgroup: rec.radio.scanner
Date: 1994-12-14 01:32:06 UTC
From: smacken@aol.com
Message-ID: <3clhum$5ud@newsbf02.news.aol.com>
Source record: 264175

Right you are, the use of 'K' at the end of transmissions in the metro new york area are from the old days of morse code.
The K is the procedural sign meaning my transmission is over.
I have heard this in Conn as well.
Percy Maxim (founder of the amateur radio relay league) was born in grenwich ct. There is a nice stone.
Also the Conn state police were the first in the country to have 2 way radios in their cars. and may have very well asked for ham inputs in the operating procedures.

Steve WB1DNZ

6812. Re: Cordless Descrambled

Newsgroup: rec.radio.scanner
Date: 1994-12-14 01:37:42 UTC
From: steven@gate.net
Message-ID: <3cli96$1ujn@tequesta.gate.net>
Source record: 264176

Michael Schuster (schuster@panix.com) wrote:
: In article <3cj6t7$t8h@floyd.santarosa.edu>,
: John Thompson <jthompso@nermal.santarosa.edu> wrote:
: >Hello Everybody,
: >
: >In the past I have seen articles here reguarding cordless phones and speech
: >inversion. I need to purchase a unit that would unscrambled the encryption
: >that "regular" (46-47mhz) cordless phones use. Can somebody recomend a
: >reliable unit and where to get it? Or can someone tell me where to look for
: >a descrambler (what company, etc...)? Any information that ANYONE has on
: >this matter would be of enormous assistance!!!

: You'll have trouble buying descramblers because of ECPA.

Not hard at all actually, call Ramsey Electronics, 1-800-446-2295, they sell
them has kits or assembled.

Steven
--
Steven G. Bradley | The Forest City Exchange | H) 407/862-7226
System Administrator | Forest City, Florida | W) 407/578-8007 x1196
| (407) 862-8088 (407) 788-8088 | steven@gate.net
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | sbradley@netcom.com

6813. Santa Cruz CA freqs.

Newsgroup: rec.radio.scanner
Date: 1994-12-14 02:08:43 UTC
From: spek@cse.ucsc.edu
Message-ID: <3clk3b$m5p@darkstar.UCSC.EDU>
Source record: 264423

anybody have any??

--

.signature??

6814. Re: PRO-2035 Anyone?

Newsgroup: rec.radio.scanner
Date: 1994-12-14 02:12:54 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3clkb6$b14$1@mhade.production.compuserve.com>
Source record: 264178

The BC3000XLT is replacing the BC2500XLT late this month. The BC9000XLT is replacing the BC8500XLT next month.

-Jeff

6815. VHF-Lo 42MHz CHP Reception

Newsgroup: rec.radio.scanner
Date: 1994-12-14 02:30:27 UTC
From: "P. Randy Duran" <rduran@us.oracle.com>
Message-ID: <3cllc3$g6e@dcsun4.us.oracle.com>
Source record: 264177

Hi. I bought a PRO-51 last week with a 8A4 Date Code.
FYI, the Cel Mod doesn't work. Can someone tell me the
date code ranges that are modifiable?

Now the real issue: I'd like to monitor CHP traffic
in my area (San Francisco Bay Area). This corresponds
to the CHP's GAT Division and GG (Golden Gate) Dispatch
Center. I programmed the appropriate 42.XXXX MHz
frequencies (plus 156.7, 154.9050 and a few others) but I
RARELY hear radio traffic, and when I do, it's very faint.
Also, I rarely hear the actual officers; I usually just
hear dispatch. I bought a 25-Whatever MHz antenna from
Radio Shack (the mobile telescoping one) but it only helps
slightly. I receive other frequencies (like 108MHz to the
PRO-51's limit) just fine. What's wrong? I get poor
reception at home and in my car.

Am I listening to the wrong frequencies? Is this an
"antenna thing?" Are there other frequencies I can use to
hear CHP officer & dispatch communications, like repeaters?
Do I need a special antenna for VHF-Lo? Am I simply out of
luck? Any suggestions would be helpful -- I'm only three
weeks into this (scanning) hobby.

Thanks,
Randy Duran
rduran@us.oracle.com

..Still thinking of a good Sig...

6816. RE: Santa Cruz CA Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-12-14 02:43:18 UTC
From: mward@jove.acs.unt.edu
Message-ID: <3clm46$haa@hermes.unt.edu>
Source record: 264179

Here is what I have.... all are for police and sherif departments...

154.770
154.950
155.070
155.310
155.505
155.565
155.655
156.030
159.030
159.090
857.762
812.762
858.212
813.212
859.762
814.762
860.762
815.762

Thats all I got.... the last few with end in the same .XXX are pairs of base
and mobil...

Mike.

--
----| Please use PGP if you have it, big brother is watching |----
"The liberty of the individual must be thus far limited, he must
not make himself a nuisance to others." - John Stuart Mill
-----| mward@jove.acs.unt.edu -- mward@vaxb.acs.unt.edu |-----

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6

mQCNAy6wcfoAAAEEAMrYMpB7SFC3QniX01vmFyMjgvm5uuGHGb/LmdVPygKEq/ji
qEiOahxUyWNfFLD0/xqFcMBaUjI+tCCrFM4g/ZH71M2N6UJLthSOIoG4U1AQNkPX
AffI4QrpNoxsaLR4AXip8uUPfIy2rkWMc/awyR+HxlZVHfpqZh1myTk/o5nhAAUR
tChNaWNoYWVsIEEuIFdhcmQgPG13YXJkQGpvdmUuYWNzLnVudC5lZHU+
=m61Y
-----END PGP PUBLIC KEY BLOCK-----

6817. Re: Canadian Regulation on cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-14 03:49:05 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <D0s7xu.x4@freenet.carleton.ca>
Source record: 264181

In a previous posting, Tomalak (tomalak@shoreline.ca) writes:
> I dunno, but is there any diffrence in the Canadian regulations on
> scanning 800+ Mhz...
>
> If they allow for it would that mean I could get one that scans those
> channels here in Canada?
>
> Thanks.

There are NO laws regarding scanning in Canada (other than one or two provinces banning mobile use of scanners). Anything is fair game here.

Since most scanners sold in North America are sold in the U.S. , scanner manufacturers make their equipment comply with the U.S. regulations (sine that is their biggest market). So, it is very difficult to buy scanners here in Canada that have no blocked frequencies. But, it is not very difficult to find companies that will do the modifications to a scanner (if possible), you just have to know which ones are modifyable.
--
* The views expressed in this message * Rob Edmunds *
* do not necessarily reflect those of * az342@freenet.carleton.ca *
* the author. :-> * az342@dds.hacktic.nl *
* * az342@freenet.hut.fi

6818. Re: PRO 43 4SALE

Newsgroup: rec.radio.scanner
Date: 1994-12-14 04:25:38 UTC
From: WALLY@ukcc.uky.edu
Message-ID: <1708B14973S86.WALLY@ukcc.uky.edu>
Source record: 264182

In article <D0rwou.L5H@cs.dal.ca>
ac871@cfn.cs.dal.ca (Nick J Keip) writes:

>Cono A Delrosso (Cono.A.Delrosso@f592.n107.z1.fidonet.org) wrote:
>: Pro 43 hand held portable scanner for sale, Never modded, has the 800mhz but
>: not the cellular, but there are ways to get the cellular to work.. I beleave
>: there is a way to do it from the keypad, but im not shure how it's done.
>
>From the keypad, you probably mean the "back" of it as it requires the
>unsoldering of a diode and relocating same diode for other enhancements.

WHY is it that nobody can believe that scanners can receive cellular
(and mid VHF) by using the keypad to start a test mode that will then
allow you to tune those freqs..

Oh well.. :) I've had someone cuss me for suggesting such silly notions. :)

I beleive the PRO-43 was 2 9 LO? Not sure... I have a PRO-51..

Which works on it.. Actually, BAND 2 9, wait, 2 9 LO, then it's set.

--- _
Walter _ //
R ⊗X/ Wally@POP.CC.UKY.EDU Wally@UKCC.UKY.EDU
Francis Francis@UKPR.UKY.EDU Francis@MIK.UKY.EDU

6819. Re: Canadian Regulation on cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-14 04:37:45 UTC
From: sami@bcars6c6.bnr.ca
Message-ID: <SAMI.94Dec13233745@bcars6c6.bnr.ca>
Source record: 264183

In article <D0s7xu.x4@freenet.carleton.ca> az342@FreeNet.Carleton.CA (Robert E. Edmunds) writes:

There are NO laws regarding scanning in Canada (other than one or two provinces banning mobile use of scanners). Anything is fair game here.

Since most scanners sold in North America are sold in the U.S. , scanner manufacturers make their equipment comply with the U.S. regulations (sine that is their biggest market). So, it is very difficult to buy scanners here in Canada that have no blocked frequencies. But, it is not very difficult to find companies that will do the modifications to a scanner (if possible), you just have to know which ones are modifyable.

The Realistic Pro-51, sold by Radio Shack, is easily modifiable by a keyboard routine. Local stores are still selling modifiable units -- I know because I checked this weekend :-). For Canadian readers, this unit is on sale for CDN $349. I have no affiliation with Radio Shack.
--

Sami Boulos | Bell-Northern Research | TEL: (613) 765-2108
VE3SKK | P.O. Box 3511, Stn. C | FAX: (613) 765-2186
sami@bnr.ca | Ottawa, Ontario Canada K1Y 4H7 | #include <disclaimer.h>

6820. Re: Scanning Questions

Newsgroup: rec.radio.scanner
Date: 1994-12-14 05:34:42 UTC
From: bl058@FreeNet.Carleton.CA
Message-ID: <D0sCtu.6BG@freenet.carleton.ca>
Source record: 264184

In a previous posting, Mike Staples (fa419@cleveland.Freenet.Edu) writes:
> I have a couple of questions about scanning that I've not been able to
> resolve...
>
> 4. Last one. When a local AM/FM/TV station is doing a remote broadcast, the
> remote can be heard in ~161~ or ~450~ areas as Auxillary Broadcasting. Fine.
> Between the broadcasts, one can hear the remote people coordinating with the
> station, but not the other side. Any ideas (I know how general this is but
> who can afford to be specific about a topic like this?) as to what bands a
> station might use? Business? A telephone connection? (not likely)...

There's a good chance the radio is only a one-way link between the remote
and the studio, in which case you'll notice the carrier is always on
instead of switching back and forth between transmit and receive. The
studio operator would be talking back to the remote location over a plain
old phone line.

--
Dan Stark
Internet: dstark@freenet.niagara.com
Fidonet: 1:247/128
St. Catharines, Ontario, Canada

6821. Re: AR-1500 scanner FS

Newsgroup: rec.radio.scanner
Date: 1994-12-14 06:40:35 UTC
From: thugwold@netcom.com
Message-ID: <thugwoldD0sFvo.lsu@netcom.com>
Source record: 264180
Cross-posted to: rec.radio.scanner,alt.radio.scanner,dfw.forsale,misc.forsale

```
: AOR AR-1500 hand-held scanner.

---
the scanner is sold.
thanx for the HUGE response.
Mike
```

6822. Re: WARNING: John Kwiatkowski RIP OFF!!

Newsgroup: rec.radio.scanner
Date: 1994-12-14 10:50:00 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.48.000AD5A7@ccm.hf.intel.com>
Source record: 264202

In article <3cl16s$jpa@news.midland.co.nz> tumeke@midland.co.nz (Toby TeRupe) writes:

>About 6 months ago I purchased a scanner from this prick, and he did a
>runner with the money saying that the scanner was on its way, (I am in
>New Zealand), He had also ripped a few other people off.
>Now I have got hold of this person in another newsgroup: alt.2600
>He now assumes the email address: 0007152212@mcimail.com (John Kwiatkowski)
>He did have the email address : jkwiatkowski@attmail.com
>People were so kind as to give me information about this person, but
>nothing could be done from me being so far away, could some people be so
>kind to give as much information about this scam arsewipe....
>Thanks in advance....
>Who what I could do.

I had a similar thing happen to me trying to buy some computer equipment. The guy did get arrested by his local police. Since US mail is involved, federal charges can be brought (mail fraud). I got my money back. Remember that if you have a good bank, and wrote a personal check, you can do a stop-payment and get your money back *even AFTER the check is cashed*. Just tell them what happened and they should be able to help.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

6823. Re: AR8000 Freq Range?

Newsgroup: rec.radio.scanner
Date: 1994-12-14 11:55:47 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3cmmg4$qvo@nntp.crl.com>
Source record: 264185

mike@shien.ist.csuohio.edu (Mike Mayer) wrote:
>
> I suppose I could check the next time I am at the local ham store,
> but could someone please email me the lower and upper frequency
> bounds of the AR8000, and any known gaps (aside from the obvious
> celluar mobile/repeater gaps in the 800 band for the US model).
>
> Also, is the Canadian model gapped out for cellular?
>
> Thanks much.
>
> Mike
>
>
500 KHZ to 1.9 giga HZ continous on European model.

Mine tunes down to 100 KHZ and up to 1950.00000 MHZ.
Usuabilty pass the specified range is there but poor.

6824. AR8000 HOLD function

Newsgroup: rec.radio.scanner
Date: 1994-12-14 12:14:52 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3cmnjs$qvo@nntp.crl.com>
Source record: 264186

mellerso@uga.cc.uga.edu (Mike Ellerson) in private email wrote me.

"All you have to do is hit the Enter key when the radio stops on a Freq. that
you would like to hold on. To start scanning again press SCAN. This was
actually in the manual."

I checked it out while working. The enter key is the 'hold' button when in the search or scan modes. If the enter key is pressed when the radio is not on an active frequency there is a low bloop tone.

The radio puts the frequency into the single VFO mode. Question do you know how to get it passed from the single VFO into the 2VFO mode?

Answer .... Press Function 2VFO not 2VFO.

The old search and hold function of the AR1000 is also implemented if you in expert mode set scan delay down pass none to hold.

Question is there any way to manually control an automatic search? ie
turn the VFO knob as it searchs one step at a time in your limited range?

73's
Vic

6825. Re: Police jargon

Newsgroup: rec.radio.scanner
Date: 1994-12-14 12:33:24 UTC
From: psewell@cc-mail.pica.army.mil
Message-ID: <D0sw7p.GD3@pica.army.mil>
Source record: 264187

In article <1708681BAS86.R3PMP@VM1.CC.UAKRON.EDU> R3PMP@VM1.CC.UAKRON.EDU (Patrick M. Prather) writes:
>If the police codes are standardized throughout the country, could someone
>please put a translation up.
>
>Thanx,
>Pat Prather

They aren't standardized. Many depts use "10 codes" and "signals"
and similar brevity codes, but they don't all use the same ones
and they don't all use the same meaning for the same code.

Check "Monitoring America" or "Police Call" or one of the other
similar publications that covers the geographical area that
interests you.

Pres

6826. Re: Cordless Descrambled (with an AR8000?)

Newsgroup: rec.radio.scanner
Date: 1994-12-14 12:40:51 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3cmp4j$qvo@nntp.crl.com>
Source record: 264188

schuster@panix.com (Michael Schuster) wrote:
>
> In article <3cj6t7$t8h@floyd.santarosa.edu>,
> John Thompson <jthompso@nermal.santarosa.edu> wrote:
> >Hello Everybody,
> >
> >In the past I have seen articles here reguarding cordless phones and speech
> >inversion. I need to purchase a unit that would unscrambled the encryption
> >that "regular" (46-47mhz) cordless phones use. Can somebody recomend a
> >reliable unit and where to get it? Or can someone tell me where to look for
> >a descrambler (what company, etc...)? Any information that ANYONE has on
> >this matter would be of enormous assistance!!!
>
> You'll have trouble buying descramblers because of ECPA.
>
> For casual monitoring of simple frequency-inversion scrambling, get a
> scanner that can demodulate SSB (like the Yupiteru MVT-7100, AOR AR-8000,
> AOR AR1500, Camnis HSC-050/Trident TR-2400, etc). Tune slightly off
> frequency in whatever sideband mode the scanner is capable of, and you'll
> be able to hear slear speech (with heterodyne) via slope detection.
>

Mike in theory this should work. Have you tried it yourself? While
traveling in my work I tried this on police nbfm vhf yesterday
and it didn't work for me using the AR8000. Part of the problem
was fumbling around with it trying to remember what I had to do to
make all the changes needed. (step mode etc)

The 2VFO mode seems to be best for this after you spot the frequency
while scanning or searching. Sequence of key presses

while hearing sigan; press Enter radio goes to single vfo mode
with the target freq.

press function 2vof target is transfered into 2 vfo mode

press function 2vfo again target is copied to other vfo in 2vfo mode

press function mode and select usb

press function step and select ??
I chose 1 khz step but I wonder if a smaller step say 100 hz
might be better?

press 2vfo to switch to the copy of the frequencyu that is
in the normal NFM modeand wait until they go scrambled

hit 2vfo to try to unscramble the traffic when scrambled.

Does this work for any one else?

Vic

Note AR8000 single vfo mode is completely different
from 2vfo mode. Single vfo mode is a very temporary
mode and frequency is lost when changing modes,
2vof mode retains last used frquencies until specifically
changed.

6827. Re: BC2500XLT BATTERY LIFE

Newsgroup: rec.radio.scanner
Date: 1994-12-14 12:52:40 UTC
From: bb931@freenet.buffalo.edu
Message-ID: <D0sx3t.GFK@freenet.buffalo.edu>
Source record: 264189

I'm sorry I can't help with any battery mod, however, I just
purchased a BC2500XLT and I am interested in cellular restoration
Could you please post that mod.

Thanks

6828. Re: Is BC700A modifiable for cellular?

Newsgroup: rec.radio.scanner
Date: 1994-12-14 13:15:52 UTC
From: physbs@muccmail.missouri.edu
Message-ID: <physbs.222.000D4422@muccmail.missouri.edu>
Source record: 264205
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3cne5e$1oa@homer.alpha.net> kbeckman@earth.execpc.com (Keith Beckmann) writes:

>The BC700A is modifiable. I have not seen a BC700A that can not be
>modified. The unit was replaced by the BC350A, which is not modifiable.

Wrong. The BC350A is not a replacement for the 700. Rather the 700 is a 350
which includes 800mhz. Both radios have been on the market on the while and I
have owned both.

Bernhard Stepke, Ph.D. physbs@muccmail.missouri.edu
Dept of Physiology University of Missouri
Columbia MO 65212 (314) 882-7666

6829. Re: Cellular Phone Jammer

Newsgroup: rec.radio.scanner
Date: 1994-12-14 14:02:32 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.49.000E0B3F@ccm.hf.intel.com>
Source record: 264217

In article <cgwh.212.0007F667@chevron.com> cgwh@chevron.com (Curtis Wheeler) writes:

>To be fair and answer your other question, yes, most phone have service
>modes that bring up the transmitter on specified channels. Some require a
>test connectors to be installed (eg. Motorola), others can go to test mode by
>using special password commands (eg. Mitsubishi, Oki). The manufacturers
>intend to keep those passwords among qualified service people.

I dont think it would be possible since the transmit and receive frequencies
are separated by 45 Mhz. You would have to get the phone to transmit 45MHz
higher. This would probably require realignment of the RF section.

Now, if you were just trying to transmit on the same frequency as they other
guy to jam his call, then it would probably be possible, providing you have
enough output power.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

6830. AR8000 i.f.

Newsgroup: rec.radio.scanner
Date: 1994-12-14 14:17:26 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3cmupm$mu8@sparc.occ.uky.edu>
Source record: 264190

Has anyone figured out what the i.f. is for the AR8000? It's time to search out some forbidden images!

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

6831. Re: Airband

Newsgroup: rec.radio.scanner
Date: 1994-12-14 14:23:40 UTC
From: julian@kesteven.win-uk.net
Message-ID: <282@kesteven.win-uk.net>
Source record: 264191

In article <5808@rook.ukc.ac.uk>,
Duncan (dpfg@ukc.ac.uk) writes:
>
>What exactly is in the region 108-118 MHz? Is it speech that can
>be listened to? Some scanners seem to omit it....one wonders if
>anything is being missed..

Not very interesting, Duncan, it's all aero-navigational stuff:-
TACAN, DME (Ident only), ILS (Localiser), VOR. The only voice is
the occasional ATIS superimposed on a VOR, but these are usually
duplicated above 118 somewhere.

Happy hunting

Julian.

/==\ /================\
Julian C. Grammer (julian@kesteven.win-uk.net)		(G1EKW)
Kesteven Communications, London W13, UK		(0) - (0)
+44 (0)181 723 6415 ||	
The views expressed herein are my own.		\ V /
They are also those of the company.		_____/
\==/ \================/

6832. Re: Scanning Questions

Newsgroup: rec.radio.scanner
Date: 1994-12-14 14:31:54 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.50.000E8895@ccm.hf.intel.com>
Source record: 264222

In article <3ck622$2tq@usenet.INS.CWRU.Edu> fa419@cleveland.Freenet.Edu (Mike Staples) writes:
>1. Why do Police and Emergency Care dispatchers often sign their transmissions
>with the time. Are they time stamping a recording? Is it just custom?

Although I'm not sure for all areas, but it is probably for the reports & logs they fill out to track their time. Most agencies will digital time stamp the recordings of the voice comms. An interesting side note is you will hear some officers give mileage readings on their cars before they transport people. This is a safety precaution in case someone says the cop took them to some side road and beat them up. The odometer will prove they only went from point A to point B.

>2. I live within 5 miles of a medium sized airport but between 118 and 136 AM
>I only hear the occasional one sided conversation from aircraft... where is the
>tower?

The planes are way up high, so you can hear them for miles. The tower is on the ground so it is harder to hear.

>3. I've only hear one transmission in my area that was strong but not
readable
>(Ok, so there have been a lot but I think something is UP with this
one!) and
>am not sure if it was SSB or Speech Inversion. Anyone brave enough
to describe
>the two in text? BTW, this was in ~154~ MHZ Local Govt. Band.

Some local agencies do use speech inversion to try to make comms more secure. There are kits available to decode these transmissions, but the law says you are not supposed to.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

6833. Re: Icom R-100 strange behaivor

Newsgroup: rec.radio.scanner
Date: 1994-12-14 14:42:56 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D0t27K.FD5@nntpa.cb.att.com>
Source record: 263990
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <rharding.18.000D9265@olympus.net>,
Ron Harding <rharding@olympus.net> wrote:

>In article <1994Dec9.213913.29504@qms.com>
>ofarrell@bashful.rd.qms.com (John O'Farrell) writes:
>
>>My dad has had an Icom-R100...about a month ago,
>>it starting doing something strange....
>>He uses the function that scans a frequency range
>>... What has started happening is that while
>>scanning, it will stop on some signals, and on others it will not.
...
>Hello, no problems with my ic-r100, works great. Your scanner
>must have been in a bad batch. Good luck,

I don't own an Icom R-100, but here are some possibilities:

1) A strong signal in your Dad's neighborhood is interfering
on some frequencies, fooling the window detector ckt.

2) A reference oscillator in the R-100 has aged and
has drifted off frequency, common in the R-7000 receiver and
Icom IC-275 2m transceiver

Some scanners employ a "window detector" circuit connected to
the discriminator. It allows the scanner to tell if it is
tuned near enough to the center frequency of a signal to pause a
search operation. If the signal is outside of the window, which
implies the scanner is tuned off to the side of the signal, the scanner
keeps searching.

Early Electra/Bearcat programmable scanners (e.g., BC-250)
had window detection but early Regency models (K-500) did not.
Because the Regency models could not tell if they were properly tuned,
they could stop on the wrong frequency (e.g., 5 kHz too low)
during a search.
--

==========
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6834. Re: Airband

Newsgroup: rec.radio.scanner
Date: 1994-12-14 15:57:14 UTC
From: domonkos@access.digex.net
Message-ID: <ehnxkiubGAHU066yn@access.digex.net>
Source record: 264193

In article <5808@rook.ukc.ac.uk>, Duncan wrote:
>
> What exactly is in the region 108-118 MHz? Is it speech that can
> be listened to? Some scanners seem to omit it....one wonders if
> anything is being missed..
>
>
> --
> "It makes no difference to the final outcome whether you are an
> optimist or a pessimist, but the optimist has more fun along the way."

Nothing but boring nav aids for aircraft.

Andy

6835. Scanner WWW page?

Newsgroup: rec.radio.scanner
Date: 1994-12-14 16:22:43 UTC
From: price@jove.acs.unt.edu
Message-ID: <3cn64j$3pq@hermes.unt.edu>
Source record: 264194

IS there a WWW page dedicated to scanners?

==========
Aaron Price | University of North Texas
http://www-lan.unt.edu/cc1/home/price/www/ | "If I only had a brain."
==========

6836. Storing MIL frequencies in AR8000 (verbotten?)

Newsgroup: rec.radio.scanner
Date: 1994-12-14 16:23:33 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3cn665$rgm@nntp.crl.com>
Source record: 264195

This is a test post of information to see if I have solved the problem of lines running to long with my pc editor in a slip account. I anyone has trouble reading this post please email me as to how much over run on the right side you are still getting.
emailto:vic@ping.com Thanks

Valuable information follows from mil net. Notice warning embeded in text from Fred.

Return-Path: mailto:netzel@iron.afsac.wpafb.af.mil (Fred Netzel)
Fred sent me some very interesting email. Here it is

"...depending upon the location the Military will use different portions of their military spectrum. However in an effort to standardize (for joint operations) the DOD is switching over to a trunked 400mhz system at all military installations. It will be an "easy" trunked type system with the control channel cahnging daily between only 2 channels and the conversation will be on from 10 channels to 20 channels depending upon the size and population of the installlation. Once a month they will perform an emergency test (that lasts for about 2 minutes) wherein they activate ALL frequencies at the same time an transmit a notice that this is an emergency test of the base communications. This is when you set your BC890,8500, 2500 sets into Auto-Store from 406-420mhz and lock in all the base freqs. It will require 2 scans one in 12.5khz spacing and one at 5khz because the government is authorized any freq in this range. And finally once you have the frequencies listed for the base don't put the name of the base on the list, under government regulations putting the two together constitute a "confidential" document that you can be prosecuted for in federal court, assuming the military has the time and motivation to do so. Thats why the FCC listings don't include government/military frequencies. Incidently each government installation that desires to use radio communications must file the appropriate form with their base communciations office which in turn submits it to the FCC for approval, even for calssified projects, so the FCC knows where its coming from when they get the complaints.
enjoy

Fred"

Does that mean then you should not put a military alpha tag on frequencies stored in a radio like the AR8000? I get the feeling that it does. Comments?

6837. Re: **********BC855 XLT MODS

Newsgroup: rec.radio.scanner
Date: 1994-12-14 16:50:00 UTC
From: chris@ll.mit.edu
Message-ID: <1994Dec14.165000.3885@ll.mit.edu>
Source record: 264221

In article <3cl8e8$m4l@chaos.dac.neu.edu>, mtomek@ccs.neu.edu (max) writes:
|> does anyone know where I can find the cell mod for this radio
|>
|> mtomek@ccs.neu.edu
|>
|>
|>
|>
|> Max
|>

I asked for them before, and I never got any response. So put me down (again)
too!

Chris

6838. Re: Cellular Phone Jammer

Newsgroup: rec.radio.scanner
Date: 1994-12-14 17:07:24 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.941214090509.8239C-100000@holmes.ece.orst.edu>
Source record: 264196

On Wed, 14 Dec 1994, Fred Netzel wrote:

> In rec.radio.scanner you write:
> ...the cellphone is incapable of transmitting on the base station
> frequencies. I have often wondered if a simple 1 watt transmitter
> centered around the middle of the cellphone base station frequency
> broadcasting a 1000hz tone (overmodulated of course) would wake the
> bastard up and at the same time disconnect his phone. It wouldn't
> have to be very stable but it should be dirty (broad freq splash) and
> loud. something like the radar detector/brake light tester I've got
> for those idiots that like to cruise just under the speed of sound in
> a 55mph zone.......enjoy

Yes, I realized my flaw. The phone only X-mits on 823-849 MHz. But still,
you could tell his buddy on the other line to ask him to move to the
right. I know it's illegal but I don't see this being a big problem, I'm
not out to Jam the whole band.

6839. Re: help santa barbara county freq

Newsgroup: rec.radio.scanner
Date: 1994-12-14 17:26:50 UTC
From: kjn@netcom.com
Message-ID: <kjnD0t9sr.CF6@netcom.com>
Source record: 264209

John Curran asks:
" Can anyone supply me with freqs for Santa Barbara County CA. Pls e-mail me
" the list or tell me where they can be found to jrc@nrel.nrel.gov

One of the BEST lists come from "GOVERNMENT RADIO SYSTEMS", Mobile radio Resources, 2661 Carol Dr., San Jose Ca., 95125, (408) 292-4342.

An EXCELLENT freq guide! Cost about $27.00 but offers all the info... Great stocking stuffer for the folks with BIG socks. Also available at Scanners Unlimited in San Carlos CA. and at the Ham Radio Outlet stores.

--
Ken

6840. Re: Please help me with P

Newsgroup: rec.radio.scanner
Date: 1994-12-14 17:27:11 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <af1_9412150022@tor250.org>
Source record: 263979

JE>From: jerry@hnrc.tufts.edu (Jerry Dallal)
JE>Newsgroups: rec.radio.scanner
JE>Subject: Re: Please help me with PRO2006
JE>Date: 11 Dec 94 19:13:21 -0500
JE>Organization: USDA HNRC at Tufts University
JE>Lines: 14
JE>Message-Id: <1994Dec11.191321@hnrc.tufts.edu>
JE>References: <3cfm3ddih1@mhadg.production.compuserve.com>
JE>Nntp-Posting-Host: mint.hnrc.tufts.edu

JE>In article <3cfm3ddih1@mhadg.production.compuserve.com>, Pookie
JE><76666.1001@CompuServe.COM> writes:
JE>> I just got a pro2006 with no manual. Out of trial-and-error I
JE>> have discovered that it must have 10 search banks where you can
JE>> store an upper & lower freq in each one, but I'm not sure how to
JE>> go about doing this.
Attention Jerry DALLAL

Keystrokes as follows:
PROGRAM
LIMIT
search bank number (0 thru 9)
LIMIT
lower search limit frequency
ENTER
LIMIT
upper search limit frequency
ENTER

Also- it kind of looks like you can assign
JE>> the 'priority' channel to any of the 400 channels- again, I don't
JE>> know how to do this
PROGRM
channel number 1 thru 400
PRI

. Lastly- can someone tell me what the
JE>> monitor,

Monitor is used when scanning between two freqs as I told you how to do
above, when you find something interesting and you want to stay on that
freq, you hit the MONITOR button.This stores the freq in one of ten
monitor memory channels

direct,

The Direct /button is for when you are in manual mode , listening on a channel and you wish to scan above or below that frequency, without having to enter a new freq or limit. just hit direct, and you can use the arrow keys to determine what direction you will scan.

and reset buttons are for?
To go back to the proper stepping and mode in reference to the band plan. For some reason you may wish to scan the 144 -148 band in 12.5 kc steps. or in AM. after you have finished, hit the reset button to bring the scanner back to nfm AND 5 KC STEPS

Daniel Martin
VE3LIX

---
* SLMR 2.1 * I am the best, just ask me!
--
| Fidonet: Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org
| Standard disclaimer: The views of this user are strictly his own.

6841. Re: Storing MIL frequencies in AR8000 (verbotten?)

Newsgroup: rec.radio.scanner
Date: 1994-12-14 17:36:09 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D0tA89.Gnp@nntpa.cb.att.com>
Source record: 264197
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Somewhat confusing article follows:

>Return-Path: mailto:netzel@iron.afsac.wpafb.af.mil (Fred Netzel)
>
>... the DOD is switching over to a trunked 400mhz system at all
> military installations...from 406-420mhz ...

>finally once you have the frequencies listed for the base don't put
>the name of the base on the list, under government regulations
>putting the two together constitute a "confidential" document that
>you can be prosecuted for in federal court...

The IRAC database itself is classified. Despite that, please
cite a legal reference stipulating that a lay person creates
a "confidential document" by writing down a list of the freqs
on which he/she logged activity while located near a government
installation, and furthermore can be convicted for disclosing
this list.

>Thats why the FCC listings don't
>include government/military frequencies.

The FCC does not administer military radio operations on those
frequencies. The FCC regulates civilian, not federal radio
systems (See rec.radio.scanner FAQ articles).

>.... Incidently each government
>installation that desires to use radio communications must file the
>appropriate form with their base communciations office which in turn
>submits it to the FCC for approval, even for calssified projects, so
>the FCC knows where its coming from when they get the complaints.
>enjoy
>
>Fred"

The FCC and IRAC have cooperated in the past to resolve interference
problems, but that's a far cry from the FCC "approving" military
frequency assignments in the 406-420 MHz range. Recall there are
USSS, DEA, FBI, USPS, IRS, and many other federal radio systems
operating in the 406-420 MHz range.
--

==========
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6842. Wanted: PRO 43/modifiable

Newsgroup: rec.radio.scanner
Date: 1994-12-14 17:37:00 UTC
From: gad3131@sigma.tamu.edu
Message-ID: <14DEC199412375079@sigma.tamu.edu>
Source record: 264198

I'm looking for a Pro 43 that is modifiable as a Christmas Present. I'm looking for one in good condition, with or without cell. mods performed. Email with offer.
pro

6843. SW Question?

Newsgroup: rec.radio.scanner
Date: 1994-12-14 17:58:29 UTC
From: dusty@svpal.svpal.org
Message-ID: <3cnbo7$4ve@borg.svpal.org>
Source record: 264199

Before the flamethrowers ignite let me say that I know there is a shortwave listeners newsgroup but I'm posting here cuz there are alot of users of this group that really know their stuff around radios of all sorts.

I have a Pro-2006 with a discone 20 feet up on the roof, I also have a Pro-51 that goes everywhere with me. I've been monitoring for quite a few years but have never since being a kid (some 25 years ago) done any shortwave listening. I've been interested but just never got around to investing in a SW receiver.

I just got a flyer in the mail today from the local Radio Shack Outlet (that's a store that sells off all of the discontinued stuff). One of the Items listed is a DX380 Shortwave Radio for $99.97 (list $179.95). My question to all you ghurus out there is this something I'd be interested in getting? Is the radio pretty good or a dog? Any and all input is welcome and encouraged. Please reply soon as the sale ends this weekend :)
Thanks in advance
Dusty

6844. testing

Newsgroup: rec.radio.scanner
Date: 1994-12-14 18:19:57 UTC
From: jlau@eis.calstate.edu
Message-ID: <3cnd0d$gb3@eis.calstate.edu>
Source record: 264200

```
--
testing.
```

6845. Re: Is BC700A modifiable for cellular?

Newsgroup: rec.radio.scanner
Date: 1994-12-14 18:39:42 UTC
From: kbeckman@earth.execpc.com
Message-ID: <3cne5e$1oa@homer.alpha.net>
Source record: 264210
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Andy Domonkos (domonkos@access.digex.net) wrote:
: In article <3cio1i$qi7@homer.alpha.net>, Keith Beckmann wrote:
: > scott@redstorm.nawc-ad-indy.navy.mil wrote:
: > : Does anyone know if the Bearcat BC700A is modifiable to receive cellular?
: > : Thanks in advance...
: >
: > : | Scott Richardson |
: > : | scott@redstorm.nawc-ad-indy.navy.mil |
: >
: > Yes, the BC700A is modifiable for cellular restoration.
: >
: > --
: > Internet address: kbeckman@earth.execpc.com
: > Internet via EXEC-PC 414-789-4600
: >

: Be careful, Sears is selling non-modifiable units, while Damark still has them
: modifiable, for now.

: Andy

The BC700A is modifiable. I have not seen a BC700A that can not be
modified. The unit was replaced by the BC350A, which is not modifiable.

--
Internet address: kbeckman@earth.execpc.com
Internet via EXEC-PC 414-789-4600

6846. Re: Is BC700A modifiable for cellular?

Newsgroup: rec.radio.scanner
Date: 1994-12-14 18:42:05 UTC
From: jedman@MCS.COM
Message-ID: <3cne9t$m6@Mercury.mcs.com>
Source record: 264034
Cross-posted to: alt.radio.scanner,rec.radio.scanner

OK! So it's modifiable. How about some details? I'm told that
Best Buy has the BC700A on sale, but only through the weekend!
Somewhere around $150. Do we bite? Please reply ASAP!
Post and email please if you know where to get the mods.
For once I *CAN* ftp! (new job, new account).

jedman@mcs.com

6847. Re: BC2500XLT BATTERY LIFE

Newsgroup: rec.radio.scanner
Date: 1994-12-14 18:46:08 UTC
From: kjn@netcom.com
Message-ID: <kjnD0tDGw.LH@netcom.com>
Source record: 264201

Winsel Oneal Black says:

" I'm sorry I can't help with any battery mod, however, I just
" purchased a BC2500XLT and I am interested in cellular restoration
" Could you please post that mod.

The diagram and the mod is described in detail in the Sept. 93 issue of Monitoring Times, pg 94. I'd suggest NOT performing the mod without having the drawing in front of you. The surface mount components are REALLY close together and you need to move a chip resistor from one set of pads to an adjacent set. You'll definately need to do the work under a magnifier!

Also keep in mind that the newer versions may not (probably aren't) restorable with the same mod.

--
Ken

6848. Re: Dipole for cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-12-14 19:19:44 UTC
From: horak@convex.com
Message-ID: <3cnggg$jc2@eugene.convex.com>
Source record: 264203

>mraub@prairienet.org (Michael E. Raub) writes:

>Can anyone tell me how long each leg of a dipole cut to recieve cordless
>telephone frequencies (49MHz) should be. Should the dipole be mounted
>vertically or horizontically, or does it make any difference?

Roughly 5 feet on each leg, making a total of 10 feet. Vertically mounted
is the way to go but it won't make THAT much difference. Here is something
I compiled a while back that may be of interest to you.....

An easy way to improve your 30-50 scanning experience is to make a 10
foot dipole (468/frequency in MHz = length in feet, so 468/46.8MHz
which is in the cordless phone base band, equals 10 feet) out of Radio
Shack speaker wire (24 feet of #42-2478 on page 23 of the 1994
catalog). Also, get a RCA to BNC adapter. Take one end of the wire
and cut off the BNC, leaving a few inches of wire on it (you'll use it
later). Take the 23 feet or so of wire and seperate the cut ends about
five feet apart so that it stretches ten feet end to end. Mount this
dipole on the wall, ceiling, or somewhere up off the ground. You may
find slightly more signal strength if you mount it vertically. The
rest of the length is so you have plenty of wire to run from the
antenna to your scanner. Of course, if you need a longer wire run, use
the 50 foot wire. Since 30-50 is a pretty low frequency, cable losses
are minimum. You'll be amazed at the improvement in low band
performance from this inexpensive antenna. Now, for that other BNC end
piece you cut off, seperate the wires until you have about three inches
of wire on each side. Use an ohm meter to determine which wire is the
center lead. Completely cut off the ground wire and leave two or three
inches of the center conductor wire. Get another RCA to BNC adapter
and you have an average antenna for cellular and more importantly, a
good antenna for very strong signal situations where a regular antenna
gives you overload. Since this short antenna is almost worse than a
rubber duck, it is ideal for use at concerts, finding wireless mikes,
etc. without picking up other interference.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

6849. "K"

Newsgroup: rec.radio.scanner
Date: 1994-12-14 19:20:29 UTC
From: moy@xp.psych.nyu.edu
Message-ID: <9412141925.AA11284@xp.psych.nyu.edu>
Source record: 264204

: Marc Richard Wollemborg <mrw13@columbia.edu> asks,
]
]On many of the emergency services frequencies in my area, I've often
]heard the dispatcher and the various units call each other "K". What
]does this stand for?
]
]-Marc Wollemborg
] <mrw13@columbia.edu>

I think the use of "K" must have originally derived from its use in radiotelegraphy.

In Morse, the convention of acknowledging reception of a message is by beginning one's transmission with "r," for "received." The end of a transmission is "k," which means "over" or "go ahead."

In International Morse Code, the character "k" is DAH-dit-DAH. In contrast, the character "r" is dit-DAH-dit, or the opposite of "r," so to speak. Brevity is common in Morse communication!

There are also the special Morse characters "KN" which means "a specific station only, go ahead" and "SK," which means "over and out."

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

6850. Cellular Telephone Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-12-14 19:27:35 UTC
From: dpatel@ss0.eng.wayne.edu
Message-ID: <3cngv7$lkc@oak.oakland.edu>
Source record: 264027
Cross-posted to: alt.radio.scanner,rec.radio.scanner

The following are the frequencies for Cellular Telephones.

Note that Listening to Cellular Telephone conversations is Illegal and is
not endorsed by me.

866.460 MHz
875.970 MHz
876.090 MHz
876.600 MHz
877.230 MHz
877.620 MHz
878.640 MHz
879.120 MHz
879.270 MHz
880.680 MHz
880.740 MHz
880.800 MHz
880.890 MHz
880.950 MHz
881.130 MHz
881.340 MHz
881.760 MHz
883.200 MHz
883.380 MHz
883.710 MHz
884.610 MHz
884.970 MHz
885.750 MHz
886.410 MHz
886.920 MHz
887.280 MHz
887.430 MHz
889.050 MHz
889.680 MHz
889.800 MHz
890.610 MHz
890.910 MHz
891.240 MHz
891.360 MHz
891.810 MHz
891.840 MHz
892.070 MHz
892.160 MHz
892.320 MHz

893.430 MHz
893.460 MHz
893.520 MHz
893.580 MHz
900.000 MHz This is a digital, scrambled Frequency.
916.550 MHz This is a digital, scrambled Frequency.

The scanner requires a step of 10 KHz to Listen to these frequencies.

Have Fun everybody.

--

|
/^\
/ \

6851. Re: Philly POLICE 911 call transcripts

Newsgroup: rec.radio.scanner
Date: 1994-12-14 19:27:38 UTC
From: <>
Message-ID: <3cngva$884@wizard.uark.edu>
Source record: 264206

mc@shore.net (Michael Crestohl) writes:

>Is this what the fuss is all about? I read through the transcript of the

This is flame bait, right? Damn straight the callers were upset. If someone is getting the crap beat out of him and I dial 9-1-1 and the cops aren't there in a reasonable amount of time, you can be DAMN sure the dispatcher's going to get an earful on the second call.

>a course of a shift and have to calm down the excited ones to be able to
>extract the important facts from them.

Of course. But threatening to withold service is hardly an effective technique ... without even getting into "duty to respond" laws.

> Of course, in Philadelphia, they
>may have more urgent business to take care of.

A KID'S GETTING THE S*&^ BEAT OUT OF HIM WITH BASEBALL BATS!!!!!

What could be more important? A special on crullers????????

The apologists for the incompetent employees (of an obviously flawed system) on this newsgroup are really starting to piss me off. Can you tell?

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

6852. Re: PRO 43 4SALE

Newsgroup: rec.radio.scanner
Date: 1994-12-14 19:43:25 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Dec14.144325@hnrc.tufts.edu>
Source record: 264054

In article <1708B14973S86.WALLY@ukcc.uky.edu>, WALLY@ukcc.uky.edu (Walter R Francis) writes:
> In article <D0rwou.L5H@cs.dal.ca>
> ac871@cfn.cs.dal.ca (Nick J Keip) writes:
>
>>Cono A Delrosso (Cono.A.Delrosso@f592.n107.z1.fidonet.org) wrote:
>>: Pro 43 hand held portable scanner for sale, Never modded, has the 800mhz but
>>: not the cellular, but there are ways to get the cellular to work.. I beleave
>>: there is a way to do it from the keypad, but im not shure how it's done.
>>
>>From the keypad, you probably mean the "back" of it as it requires the
>>unsoldering of a diode and relocating same diode for other enhancements.
>
> WHY is it that nobody can believe that scanners can receive cellular
> (and mid VHF) by using the keypad to start a test mode that will then
> allow you to tune those freqs..

We believe than some scanners and handi-talkies work that way, but not all.
The PRO-51, made by Uniden, has a keypad mod. The PRO-43, made by GRE, does
not; it requires a hardware mod (provided the serial number does not contain an
A; if it contains an A, you're SOL).

6853. Re: Canadian Regulation on cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-14 20:43:11 UTC
From: kwong@ee.ualberta.ca
Message-ID: <3cnlcv$nm1@quartz.ucs.ualberta.ca>
Source record: 264207

Sami Boulos (sami@bcars6c6.bnr.ca) wrote:
> Since most scanners sold in North America are sold in the U.S. ,
> scanner manufacturers make their equipment comply with the U.S.
> regulations (sine that is their biggest market). So, it is very
> difficult to buy scanners here in Canada that have no blocked frequencies.

Radio Shack in Calgary just started selling the Uniden Bearcast 850XLT
base station ($630)). The salesman told me it comes unblocked for
cellular reception.

6854. Seiko Message Watch

Newsgroup: rec.radio.scanner
Date: 1994-12-14 20:51:06 UTC
From: Steve Lundquist <0024562@msgate.emis.hac.com>
Message-ID: <3cnlrq$4vk@hacgate2.hac.com>
Source record: 264058

Does anyone know any of the technical details for the new Seiko MessageWatch? This new watch also acts as a pager which can display short text messages or phone numbers, notify you of voice mail waiting, receive and display weather info, stock market data, local ski conditions, winning lotty numbers, and sports scores!!!!!

Any idea what frequencies are used regionally to transmit this digital data? modulation schemes?

The watch costs about $100 and the subscription service is about $9.95/month.

The watch and its services has been operational for some time in the Seattle area and is just now being activated in the Los Angeles area.

I'd be interested to hear from folks in Seattle how well the MessageWatch works......it seems like a clever idea....

6855. Re: Antenna identification

Newsgroup: rec.radio.scanner
Date: 1994-12-14 20:59:51 UTC
From: domonkos <domonkos@access.digex.net>
Message-ID: <3cnmc7$rm2@news1.digex.net>
Source record: 264208

> Since I started scanning about a year ago I find I'm starting to notice
> various antenna towers that used to be just part of the invisible landscape.
> I suspect that I'm starting to loose touch with reality because I find
> myself wanting to be able to identify the antennas and their use. Anyone
> know of a good source of information for this ?
>
> Some new towers going up in my area have me wondering, they are somewhere
> between 50-100 foot tall on a metal hexagon tower that gets gradually
> thinner with height. There is a triangular platform at the top with
> a single vertical whip at each corner.
>
> Thanks
> Wes Meranda
>

Wes,

Those are cellular towers. Some cellular sites also house electrically
rotatable direction finding antennas used by some agencies. The array
is usually inside the triangular housing.

Andy

6856. Re: Cordless Descrambled

Newsgroup: rec.radio.scanner
Date: 1994-12-14 21:24:25 UTC
From: warren@bluesky.com
Message-ID: <3cnnq9$781@pdx1.i.net>
Source record: 264211

In article <3ckv59$5s0@panix3.panix.com>
schuster@panix.com (Michael Schuster) writes:

> In article <3cj6t7$t8h@floyd.santarosa.edu>,
> John Thompson <jthompso@nermal.santarosa.edu> wrote:
> >Hello Everybody,
> >
> >In the past I have seen articles here reguarding cordless phones and speech
> >inversion. I need to purchase a unit that would unscrambled the encryption
> >that "regular" (46-47mhz) cordless phones use. Can somebody recomend a
> >reliable unit and where to get it? Or can someone tell me where to look for
> >a descrambler (what company, etc...)? Any information that ANYONE has on
> >this matter would be of enormous assistance!!!
>
> You'll have trouble buying descramblers because of ECPA.

Hmm.. maybe assembled descramblers are hard to get, but Ramsey sells a
kit that is pretty straightforward to assemble. Just got a nice
Christmas catalog (full color!) from them.

Warren Leach
warren@bluesky.com

6857. Making a discone, help please

Newsgroup: rec.radio.scanner
Date: 1994-12-14 21:28:13 UTC
From: tching@bilge.water.ca.gov
Message-ID: <3cno1d$5mv@news.csus.edu>
Source record: 264063
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner

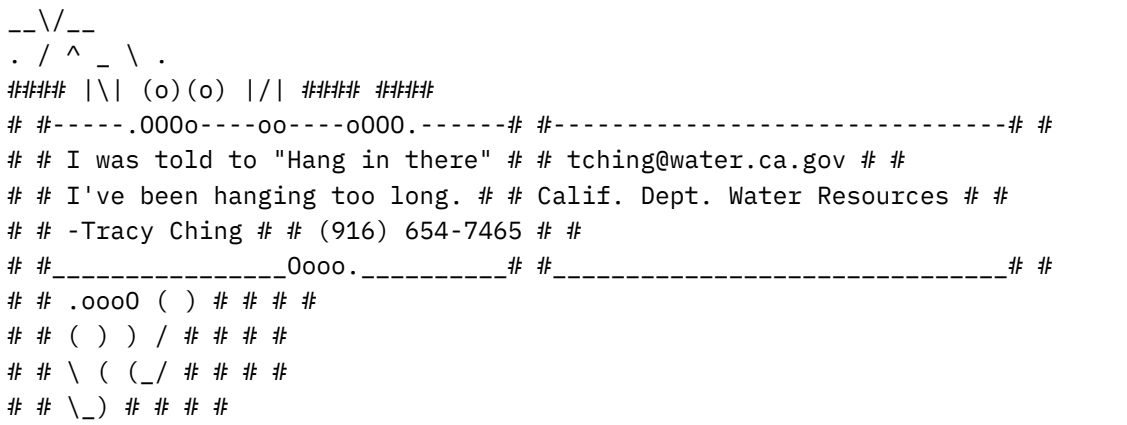
I'm hopin to make a discone for wideband reception. Hopefully
from around 1MHz up to 900MHz. I have the following questions:

1) is the "driven" element the "cone" or the flat horizontal "disk"?
1a) which is the ground plane, the disk or cone?

2) any guidelines you can suggest for size of disk and cone?

3) vertical antenna added to the driven element adds gain to what frequency
range?
3a) is the vertical whip added because of weak gain in a certain freq range?
3b) what size do mfr's typically make the vertical piece?

I realize there is no "prefect" antenna to receive all freqs - just
one that can do a decent job. That's all I'm looking for...



6858. Re: What should a pro subscri

Newsgroup: rec.radio.scanner
Date: 1994-12-14 21:39:00 UTC
From: michael.larkin@chemek.com
Message-ID: <941215165708317@chemek.com>
Source record: 264212

GKD>Let me turn the question around and ask what publications an experienced
GKD>listener (or even a newcomer with aspirations of graduating past the first
GKD>grade) should subscribe to. Are there communications periodicals which
GKD>are geared toward the serious listener, with a focus on information
GKD>rather than on being entertaining? I presume that any such publications
GKD>will be more specialized than Monitoring Times, and that choosing one will
GKD>depend upon which specific aspect of monitoring one wishes to pursue (i.e.
GKD>shortwave broadcasting, HF military monitoring, maritime, VHF/UHF scanning,
GKD>AM/FM DXing, etc.).

It seems to me that the BBC puts out rather comprehensive monitoring
reports which are pretty expensive (seems like I vaguely remember about
$150/year. I think they are on the net. You can also write to New York
where they have an office or to London, of course.

• SLMR 2.1a •

6859. Reprograming the 1000 memories of the AR8000

Newsgroup: rec.radio.scanner
Date: 1994-12-14 21:45:11 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3cnp17$1nf@nntp.crl.com>
Source record: 264215
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Observations on programing the AR8000
The easiest way to get information into the AR8000 is to use a word processor and edit a raw ascii file that looks like a series of commands to the AR8000 to store information. If it is only a series of MX commands they will be accepted at full speed at 9600 baud.
This works out to programing a bank of 50 in a little less then 4 seconds per bank or 80 seconds to reprogram the whole scan memory of the AR8000. The last command can be MA for a read back memory dump. I use a terminal program Procom Plus 4 Win and just dump the file as a straight or raw ascii upload. It works. To make the ascii file the simplest wordprocessor with neat tricks is EPM found in IBM's OS 2. It features something called advanced marking and the ability to toggle stream editing off. What this means is that you can take a column of text fifty lines long and mark jsut a few characters on each line in a straight down block to copy delete etc. I select the third character in which is the bank Alpha portion of its address and do a global search and replace of the marked section only to get a whole new bank. ie change all the E's to F's in E00 thru E49 for example. I type in or collect the frequenccy information and alpha tags on another sheet and use the bank insert to insert a column of frequencies and a column of alpha tags. I then save the text and send it to the AR8000 which easily recognises all the commands and programs each memory cell. This idea would work with even the simplest computers that support a 232 port.

I orginaly wrote a script that would read each line of a raw data file and build the command to program the AR8000's memory. This also worked but not all computers can run this type script. I am going to continue on my programing project but I first wanted to verify that any type of computer could be used to send programing commands to the ar8000.
You can read the information from the AR8000 using the MA for a scan bank dump and save that to a file. That file can be easily edited by ANY TEXT EDITOR and sent back as a series of programing commands to the scanner. This only works for the simple data bank and search bank programing. Interactive commands that require the AR8000 to calulate something or dump memory take too long to respond to a high speed text file with a new instrucion on each line. That is were everyone is going to have to be more creative.

What this means tho even without any fruther development fo scripts or $200 software packages you have the ability with the AR8000 computer interface to clone your AR8000 to others AND the ability to change all 1000 memoriy channels in 80 seconds when hooked up to any type of computer.

I also notice that when interactively working with the AR8000 and sending it instructions if you add a space after certain comands that use the space as a delimiter, they are immedately executed as if you sent a carriage return.

Having fun with my James Bond radio with the tiny computer built into it.

Vic Healey ki4je Marietta GA.

6860. Re: WARNING: John Kwiatkowski RIP OFF!!

Newsgroup: rec.radio.scanner
Date: 1994-12-14 21:49:19 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3cnp8v$1nf@nntp.crl.com>
Source record: 264213

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) wrote:
>
> In article <3cl16s$jpa@news.midland.co.nz> tumeke@midland.co.nz (Toby TeRupe) writes:
>
> >About 6 months ago I purchased a scanner from this prick, and he did a
> >runner with the money saying that the scanner was on its way, (I am in
> >New Zealand), He had also ripped a few other people off.
> >Now I have got hold of this person in another newsgroup: alt.2600
> >He now assumes the email address: 0007152212@mcimail.com (John Kwiatkowski)
> >He did have the email address : jkwiatkowski@attmail.com
> >People were so kind as to give me information about this person, but
> >nothing could be done from me being so far away, could some people be so
> >kind to give as much information about this scam arsewipe....
> >Thanks in advance....
> >Who what I could do.
>
> I had a similar thing happen to me trying to buy some computer equipment. The
> guy did get arrested by his local police. Since US mail is involved, federal
> charges can be brought (mail fraud). I got my money back. Remember that if
> you have a good bank, and wrote a personal check, you can do a stop-payment
> and get your money back *even AFTER the check is cashed*. Just tell them what
> happened and they should be able to help.
>

Twice I had the cops go after folks who gave me bad checks of about $1000 each
at hamfests. Got my money both times. Two people came close to spending time
in jail.

6861. Cordless Descrambled

Newsgroup: rec.radio.scanner
Date: 1994-12-14 21:54:25 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3cnpih$k0a@floyd.santarosa.edu>
Source record: 264214

Okay, great! Thanks everybody for your help. I will call Ramsey now and get a catalogue ASAP.

How can I unscramble Inversion Encryption (like cordless phones use)?

Last night while pondering over this question I thought about using my DX-440 shortwave receiver to do the trick. The DX-440 has a BFO knob on it and I thought if I could somehow get the audio through the DX-440 I could just switch on the BFO and fine tune it and adjust it that way. My only problem is how do I get the audio from the scanner to the DX-440?? I thought of maybe using a small CB radio and broadcast the audio to the DX-440, but that is not very discreet and I don't have a CB... Maybe I could get one of those FM transmitters and hook that up to it (like RS Silent Play)... If anyone has any other suggestions please e-mail me or post here. All responses will be appreciated.

Thanks,

John Thompson
jthompso@nermal.santarosa.edu

6862. Is my PRO-2022 Modifiable ?

Newsgroup: rec.radio.scanner
Date: 1994-12-14 22:00:22 UTC
From: scylla@fox.nstn.ca
Message-ID: <3cnptm$b67@Owl.nstn.ca>
Source record: 264216

I am the proud (?) owner of a Tandy PRO-2022 scanner. It has the usual blockouts below 851MHz and above 868MHz. I was wondering if anyone on this newsgroup knew if it was modifiable either through a chip add-in or (hopefully) by keyboard codes.

If anyone has this (or any other) information on this scanner model please E-Mail me at:

scylla@fox.nstn.ca

6863. Re: Scanner WWW page?

Newsgroup: rec.radio.scanner
Date: 1994-12-14 22:17:06 UTC
From: Harold G Peach Jr <hpeach@pop.uky.edu>
Message-ID: <3cnqt2$t3o@convex.cc.uky.edu>
Source record: 264218

>
> IS there a WWW page dedicated to scanners?
>

Paul Nash has a pretty nice WWW page at:
http://dice.dac.neu.edu:80/Homepages/paul/freqs/

Harold
hpeach@pop.uky.edu

6864. 2006 cellular mod

Newsgroup: rec.radio.scanner
Date: 1994-12-14 22:20:05 UTC
From: AKRR70B@prodigy.com
Message-ID: <3cnr2l$23fs@usenetp1.news.prodigy.com>
Source record: 264219

Can anyone tell me how to restore cellular coverage capability on my Pro-2006?

6865. Need this freq SOON!

Newsgroup: rec.radio.scanner
Date: 1994-12-14 22:28:34 UTC
From: brandall@nyx.cs.du.edu
Message-ID: <3cnrii$7rv@nyx.cs.du.edu>
Source record: 264220

Fellow scanner enthusiasts:

Can someone PLEASE provide me with the frequencies used by Santa and his sleigh? I've asked around at several Radio Shacks, and the people there just look at me like I'm crazy or something!

Needless to say, please reply before Dec. 24.

Yours etc.,

^--^
x x
? Wombat (deceased)

6866. Re: Antenna identification

Newsgroup: rec.radio.scanner
Date: 1994-12-14 22:38:54 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D0to8u.IJ9@nntpa.cb.att.com>
Source record: 264224
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

In article <3cia8t$183r@sernews.raleigh.ibm.com>,
Wes Meranda <wmeranda@vnet.ibm.com> wrote:

>Since I started scanning about a year ago I find I'm starting
>to notice various antenna towers that used to be just
>part of the invisible landscape. ... I find myself wanting
>to be able to identify the antennas and their use. Anyone
>know of a good source of information for this ? ...

Appears you are seeing towers for cellular phone sites.
I invented RadioMap(TM) to help me identify the towers I see
and I identified a microwave tower in my neighborhood the first
time I ran the RadioMap process last July.

From the rec.radio.scanner FAQ article:

Over 15% of the FCC licenses, including many fast food
restaurants, contain transmitter latitude and longitude but
specify no transmitter city. To determine the location of
those transmitters requires using the latitude and
longitude information.

As I have already done for dozens of radio enthusiasts in |
several states, I will locate FCC licensed and selected FAA |
transmitter sites in an area of your choice, and produce a |
custom color map. I call this new innovation RadioMap(TM) |
service. It allows you to identify antenna sites |
(including paging and cellular phone cell sites) and
visualize the transmitter locations in your neighborhood,
near your office, at an airport, and other places of |
interest -- from VLF through microwave. |

This is completely different from the limited maps |
displayed on the Grove Enterprises CDROM. Through a new |
licensing arrangement with a professional mapping company, |
RadioMap shows detailed streets, railroads, rivers, and |
cities. Ham radio stations are not shown as they would |
clutter the RadioMap. RadioMap includes key sheets which
list frequencies, callsigns, and licensee names. In rural
areas, ranges of up to 10 miles are possible, while ranges
of 1/2 to 3 miles produce best results in urban cities.

I will produce custom color 8-1/2" by 11" RadioMap reports, |
suitable for framing or laminating, for areas in any of the |
50 states. Send $19.95 for each color RadioMap, your name,

address, and telephone number, along with center location |
(nearest intersection of 2 streets, or latitude & |
longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL |
60543. tel. 708-554-3839 6-10 PM central time.
--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6867. Re: WARNING: John Kwiatkowski RIP OFF!!

Newsgroup: rec.radio.scanner
Date: 1994-12-14 22:57:07 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3cntlg$eq0@newshost.lanl.gov>
Source record: 264032

Unfortunatly the poor soul who started this thread lives
in New Zealand help for him is not likely.
I have sent some of the better stories of folks getting
back at Kwiatkowski to him by e-mail. We can only hope he gets a
bit of satisfaction from that. If you have something to add post it
and I will try and forward. True stories involving jail or fines
would be most welcome. TNX and 73 de Jerry

6868. Some questions on scanner use, Pro-39

Newsgroup: rec.radio.scanner
Date: 1994-12-14 23:07:38 UTC
From: sethp@coolidge.harvard.edu
Message-ID: <3cntrq$gd1@decaxp.harvard.edu>
Source record: 264223

I have a few questions.

1. I recently purchased a Pro-39 w/ date code 12A3. I know there
was a discussion of RS date codes recently, but I missed it.
Could someone please tell me what this date code means and whether
or not the unit is modifiable?
2. Is it possible to reduce the volume (or at least the pitch) of the
"beep" the scanner makes so often?
3. I may be visiting Guatemala in the near future. Does anyone know
if there are any restrictions on scanner use in Guatemala?
4. Where can I get a nice carying case for my scanner? The ones
at RS didn't impress me particularly.

Thanks,

Seth

6869. Re: Shielding pro2006

Newsgroup: rec.radio.scanner
Date: 1994-12-14 23:15:12 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1994Dec14.231512.13358@grian.cps.altadena.ca.us>
Source record: 264025

msanders@vt.edu (Mark Sanders) writes:

> > Does Javiation sell screening spray? I know Maplin Electronics used to,
>> > mind you it was expensive :(
>> have for you if you wanted.

>Try spraymounting tinfoil on the inside of the unit. Just make sure it does
>not touch any components.

Some arts & crafts stores sell sheet copper, or copper screening. I personally avoid aluminum foil because it's so hard to get a decent connection to it. Motorola sprays a silver coating on the inside of their handheld cases - I first discovered it on an HT-220 model, as the 150mhz model case had a different part number than the 450mhz case. Then I looked more closely, and the 450mhz case had a model number that was printed in white ink on top of a grey paint on top of a silver paint on the 150mhz case. Maybe your local Motorola shop has some of the coating ? or can order it? Back to the easy way - I shielded a microprocessor unit a year ago by taking a roll of fine-mesh copper screen and cutting it and soldering the edges to make a box. Two layers were required for my situation (with the holes offset to make the effective sizes smaller).
--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

6870. Re: Canadian Regulation on cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-14 23:20:27 UTC
From: dwatt@unixg.ubc.ca
Message-ID: <3cnujr$d5i@nnrp.ucs.ubc.ca>
Source record: 264026

Tomalak (tomalak@shoreline.ca) wrote:

: I dunno, but is there any diffrence in the Canadian regulations on
: scanning 800+ Mhz...

There is no law restricting the use of scanners in Canada. That is to say, you are free to own and use one. However, you are legally prohibited from sharing what you've heard with others, or using any information acquired to exploit (i.e., blackmail) others.

: If they allow for it would that mean I could get one that scans those
: channels here in Canada?

Affirmative.

(If you're in Vancouver, try AMP Power Corp. in the Richmond automall. They currently have a great deal on Bearcat 200xlt scanners factory modified for cellular coverage.)

Cheers, Dave

6871. Better reception...

Newsgroup: rec.radio.scanner
Date: 1994-12-14 23:40:02 UTC
From: Glen.Pagnozzi@leading.org
Message-ID: <29b.197.2127@leading.org>
Source record: 264028

Hello to all,

I purchased a Uniden Bearcat model BC 200 XLT a few
years ago, and from time to time I pick it up and try
getting some channels. My question is this...is there any
way of increasing my reception with this hand held scanner?
Maybe a different antenna, or an add-on devise to increase
the "pulling power" of this unit. Where could I purchase
such devises?

Also, through the reading of the posts in this group, I
understand that certain 800 MHZ's channels are blocked in
our scanners due to federal regulations concerning cellular
phones. Could someone elaborate on this? How big are these
"blocks" and where in the 800 band are they blocked?

Thanking you in advance!

Glen

BTW, you can email me at (glen.pagnozzi@leading.org).

Glen Pagnozzi

... Silver Xpress!..... Not Just Another Off-Line Mail System <tm>!
* Evaluation copy of Silver Xpress. Day # 74
--- via Silver Xpress V4.01 [NR]

===
Glen Pagnozzi
Glen.Pagnozzi@leading.org
The Leading Edge BBS Wurtsboro, NY (914) 888-4295
===

6872. Re: Cordless Descrambled (with an AR8000?)

Newsgroup: rec.radio.scanner
Date: 1994-12-15 00:07:14 UTC
From: schuster@panix.com
Message-ID: <3co1bi$q11@panix3.panix.com>
Source record: 264029

In article <3cmp4j$qvo@nntp.crl.com>, Flying Turtle <vhealey@crl.com> wrote:
>schuster@panix.com (Michael Schuster) wrote:
>>
>> For casual monitoring of simple frequency-inversion scrambling, get a
>> scanner that can demodulate SSB (like the Yupiteru MVT-7100, AOR AR-8000,
>> AOR AR1500, Camnis HSC-050/Trident TR-2400, etc). Tune slightly off
>> frequency in whatever sideband mode the scanner is capable of, and you'll
>> be able to hear slear speech (with heterodyne) via slope detection.
>
>
>Mike in theory this should work. Have you tried it yourself? While
>traveling in my work I tried this on police nbfm vhf yesterday
>and it didn't work for me using the AR8000. Part of the problem
>was fumbling around with it trying to remember what I had to do to
>make all the changes needed. (step mode etc)

I haven't tried it on the AR8000 (surprisingly enough) but it works just
fone on my Yupi 7100 and the ICOM R-7000.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6873. Bearcat 200xlt

Newsgroup: rec.radio.scanner
Date: 1994-12-15 00:14:59 UTC
From: lalee@freenet.vancouver.bc.ca
Message-ID: <3co1q3$a47@freenet.vancouver.bc.ca>
Source record: 264030

Would anyone have a review, specs or comments on the Bearcat 200xlt? I'm still thinking over the Pro-43...

Thanks

6874. Re: Canadian Regulation on cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-15 00:30:47 UTC
From: dwatt@unixg.ubc.ca
Message-ID: <3co2nn$dhe@nnrp.ucs.ubc.ca>
Source record: 264031

Sami Boulos (sami@bcars6c6.bnr.ca) wrote:

: There are NO laws regarding scanning in Canada (other than one or two
: provinces banning mobile use of scanners).

That's news to me. Which provinces prohibit the mobile use of scanners?

Cheers, Dave

6875. Re: Grove CD-ROM Database - a Review

Newsgroup: rec.radio.scanner
Date: 1994-12-15 00:42:58 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D0ttzM.IuH@nntpa.cb.att.com>
Source record: 264036
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <APC&1'0'614aebf5'b88@igc.apc.org>,
Dick Dillman <ddillman@igc.apc.org> wrote:

>... I'm returning herewith my copy of the Grove FCC Database on
>CD ROM for refund. Many problems of database inaccuracy and
> software bugs have made this product unusable for me....

I returned my Grove CDROM for the same reasons you did. A friend
who owned another one said Bill Grove is working on the problems.
--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6876. Re: Canadian Regulation on cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-15 00:52:07 UTC
From: af177@FreeNet.Carleton.CA
Message-ID: <D0tuEw.Ftu@freenet.carleton.ca>
Source record: 264033

In a previous posting, Tomalak (tomalak@shoreline.ca) writes:
> I dunno, but is there any diffrence in the Canadian regulations on
> scanning 800+ Mhz...

It is not illegal to own, buy, sell or use a cellular scanner. It is an offence under the Cdn Criminal Code to use cellular scanners and other devices for "malicious purposes or for gain".

Take it fromthere.

6877. Re: Is BC700A modifiable for cellular?

Newsgroup: rec.radio.scanner
Date: 1994-12-15 01:20:21 UTC
From: robocop@aol.com
Message-ID: <3co5kl$l3r@newsbf01.news.aol.com>
Source record: 264035

In article <physbs.222.000D4422@muccmail.missouri.edu>,
physbs@muccmail.missouri.edu (Bernhard Stepke) writes:

I am going to buy a BC 700A and I would like more info on this scanner,
the package does not tell you a whole lot, I would appreciate all info you
could give me, like what freqs. does it cover, what type of external
antenna do I need, etc.

Thanx in advance.

ROBOCOP

6878. Re: Need this freq SOON!

Newsgroup: rec.radio.scanner
Date: 1994-12-15 01:26:18 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.941214172325.21846A-100000@holmes.ece.orst.edu>
Source record: 264065

On 14 Dec 1994, Wombat wrote:

>
>
> Fellow scanner enthusiasts:
>
> Can someone PLEASE provide me with the frequencies used by Santa and
> his sleigh? I've asked around at several Radio Shacks, and the people
> there just look at me like I'm crazy or something!
>
> Needless to say, please reply before Dec. 24.
>

Well Santa used to use Mysic Star freqs with permission from the Air
Force. Now he uses SATCOM with encryption. He also has a GPS reciever for
accurate navigation!

6879. Assistance finding scanner accessory

Newsgroup: rec.radio.scanner
Date: 1994-12-15 03:56:37 UTC
From: ekim@tecnet1.jcte.jcs.mil
Message-ID: <ekim-1412942156370001@serv1624-01.arl.mil>
Source record: 264037

Hopefully a few of you who are much more knowledgeable than I about scanners can give me a hand. I recently bought a Pro-43 as a Christmas gift for someone in my family. It's fine for their needs, i.e. basic 800 MHz band coverage, the military 200-400 MHz range, and all the other common freqs., and will probably never have any mods performed to it.

As I'm sure many of you have noticed, I paid quite a few bucks for this scanner (even on sale !), and want to make sure it lasts them a while. I would like to know if there's a commercial company that makes a thin plastic cover that will protect the keypad and scanner body, similar to those which people put over calculator keypads. The ones I'm thinking of are very thin and flexible, and do not interfere with the keypad operation. I suppose it should also have an array of holes over the speaker area to help with the sound transmission.

As this request may not be of general interest to the rest of the group, you're welcome to reply to me via my personal E-Mail.

Thanks in advance for everyone's help.

--
Mike Egan
Lambda Zero Optix

ekim@tecnet1.jcte.jcs.mil

6880. Re: Bearcat 200xlt

Newsgroup: rec.radio.scanner
Date: 1994-12-15 04:18:27 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D0u3yr.JpL@nntpa.cb.att.com>
Source record: 264040
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3co1q3$a47@freenet.vancouver.bc.ca>,
Lawrence Lee <lalee@freenet.vancouver.bc.ca> wrote:

>Would anyone have a review, specs or comments on the Bearcat 200xlt?
>I'm still thinking over the Pro-43...

Both the PRO-43 and BC-200xlt are good scanners, although
the PRO-43 is smaller and doesn't have the images of the 200xlt.
The 200xlt audio is much better.

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- 1 -

UNIDEN/BEARCAT 200XLT SCANNER ANTHOLOGY

by Bob Parnass, AJ9S

UNIDEN/BEARCAT 200XLT
SCANNER REVIEW

by Bob Parnass, AJ9S

For a long time now, radio enthusiasts have awaited the
arrival of a decent portable scanner with 800 MHz coverage.
Users had grown accustomed to the good sensitivity and reli-
able performance found in portable models without 800 MHz,
like the Uniden/Bearcat 100XL, the Azden-manufactured
Regency HX1500, and GRE-manufactured Radio Shack PRO-30.
Unfortunately, early 800 MHz models, like the AOR-
manufactured Regency HX2000 and HX2200 were disappointing.

Now, the wait for a good 800 MHz portable is over, because
the Bearcat 200XLT is here and it's a winner.

Physical

The new Uniden/Bearcat 200XLT is manufactured in Taiwan, and
looks identical to the tall, gray 100XLT.1 The case is
entirely plastic, and the battery and charging circuitry is
contained in a slide on pack. The differences between the
200XLT and the 100XLT are in 800 MHz band coverage and
number of channels (200 vs. 100).

The "real" volume and squelch knobs on top have a positive
feel, and there is little play in the squelch control.

The closely spaced keys on the 200XLT keyboard are made of soft rubber, and are well labeled. Marshmallow-like keys, combined with fat fingers, require extra care when entering frequencies. The lack of a "beep" tone to confirm key depressions, and the slight amount of tactile feedback, makes it necessary to watch the display to ensure you pushed the keys far enough.

---

1. See "Uniden/Bearcat 100XLT Scanner Review," by Bob Parnass, AJ9S, in The Radio Enthusiast, March 1988.

Memory Organization

As with the 100XLT, the 200XLT's strong point is the amount and organization of its memory. The 200 memory channels are divided into ten banks.

Memory banks and channels may be selected or locked out. The banks are "hard partitioned," just like Bearcat scanners of old. By this I mean, Bank 1 includes channels 1-20, Bank 2 channels 21-40, etc. Regency used "soft partitioned" banks in their HX1500 and TS2 models, but the peculiar Regency system prevents channels from being locked out during a bank scan. Now that Uniden bought out Regency's consumer line, the soft bank concept may die with the current Regency models.

The large channel banks do have their place, particularly when scanning 800 MHz trunked systems and cordless phones.

Banks aside, having 200 channels means no longer having to settle for 10 or 16 most favored frequencies when away from home. Now you can bring it all with you. My 200XLT banks are programmed with frequencies for different situations:

- Bank 1: 20 of the most important frequencies for local sheriff, fire, ham repeater, plant security, etc. I usually scan this bank unless I'm hunting around for something else.

- Banks 2, 3, 4: Government frequencies by agency.

- Bank 5 contains VHF-lo and VHF-hi low power and itinerant business frequencies. Bank 6 contains similarly allocated UHF frequencies. I scan these banks when I'm at a shopping mall, fair, sporting event, or anywhere else I see walkie-talkies in use.

- Bank 7: Just the frequencies I want to monitor while in the office.

- Bank 8: Police, fire, and emergency services for other communities in this part of the state. There's almost always something happening on these channels, even in the wee hours of the morning, when my county is asleep.

The remaining banks leave 40 channels just for trial-and-error searching!

The 200XLT scans at 15 channels/second, about twice as fast as Radio Shack's top of the line PRO-32 handheld. When the 200XLT is powered on it always comes up scanning with

priority off.

The LCD display panel contains all the usual indicators, and can be back lit for 15 seconds with a green light when the proper button is pressed.

Innovations

Both the 200XLT and 100XLT feature set include new surprises. The first channel of each active bank is a priority channel, making 10 priority channels in all. There are 10 levels of priority. For example, channel 1 priority takes precedence over priority channel 11, which takes precedence over priority channel 21, etc. When the priority is switched on, the 200XLT samples all the unlocked priority channels (in active banks) every 2 seconds.

I program the first channel of each bank with the most important frequency for that bank. The priority sampling does appear to "chop up" signals a little more than on older models that sample only a single priority channel. When the power is turned off, then on again, the priority key must be pressed manually.

Let's see, did I program in that new K-Mart frequency, 154.6 MHz somewhere? Just type 154.6, ENTER when positioned to a channel you don't care about, and the LCD will display "CH 29", for instance, if you already have 154.6 MHz in channel 29.

Stated a different way, if one tries to type a frequency into the 200XLT that has already been programmed in another memory channel, the display will flash the channel number in which the frequency has already been programmed. One can override by depressing ENTER again, and the frequency will be stored in the current channel.

This "query" feature is great - especially in a scanner with so much memory.

There is a single button to search all VHF NOAA weather channels, a feature now commonplace on newer UNIDEN scanners.

Battery Pack

The 200XLT comes with a BP-200 7.2 V Sanyo battery pack which slides onto the bottom of the radio. There is a charging jack, marked 12 VDC, and a red charging LED on the

back of the pack. The pack is not supposed to be opened, but the curious need only remove 2 screws. Inside, are the charging components (regulator circuit), and 6 AA size Sanyo cells wrapped in yellow heat shrunk plastic.

The BP-200 battery pack has a 600 mAH capacity, whereas the BP-205 (supplied with my 100XLT) contained batteries internally marked 550 mAH.

When you buy the 200XLT, the 16 hour wall power supply is furnished, and is marked 12 VDC 500 mA. The wall unit is not a charger - the regulator/charging circuit is actually inside the battery pack and uses the 12 VDC furnished by the wall power supply for charging the NiCds at 60 mA. Since the 200XLT draws about 60 mA while scanning (while fully squelched), the batteries will not be charging if the scanner is on while the power supply is connected. To deposit a net charge into the batteries, the radio must be turned off.

The radio can be used with the wall power supply when the batteries are dead, but unlike older crystal controlled portables, there is no easy way to power the scanner externally, while effectively charging the internal battery. Neither is there a way to fast charge the supplied NiCd pack, and the manual cautions against leaving the supplied power pack plugged in for long periods of time (I assume Uniden means with the scanner OFF).

A PS-001 mobile power cord is available for $4 from UNIDEN, as is a spare antenna.

The owner's guide says to expect "up to 5 hours of dependable use" between charges. Now 5 hours isn't enough for many scanner buffs, but perhaps UNIDEN's idea is to stimulate demand for extra BP-200 slide-on battery packs. My 200XLT was used for about 7 to 8 hours before the battery indicator began to flash, but Dan Doyle reports he gets only 5 hours between charges. It is the audio amplifier stage that draws the most current, so battery life is dependent upon channel activity, and the volume control setting. Using an earphone, which draws less current than a speaker,

can mean longer battery life.

Great Audio

The audio output is rated at 480 milliwatts. As with the 100XLT, the 200XLT audio sounds great! There is plenty of undistorted audio available from the front speaker, making a Radio Shack PRO-30 sound like a whisper.

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Inside Construction

The internal construction of the 200XLT is clean, but thoughts of home repair vanish as soon as one opens the 200XLT case. Tiny surface mount components abound. You won't find these parts at Radio Shack, and you wouldn't want to solder them in anyway.

The 2 main circuit boards are surrounded by an internal metal frame, and the IF and 800 MHz front end circuits are on small circuit boards, mounted vertically on the main audio/RF board. The PLL is on another small board.

How Does It Work?

My first 200XLT had a problem. The squelch threshold was different for different bands, and had too much hysteresis, which caused it to skip over VHF signals and stop only on UHF signals. This is probably caused by misalignment, rather than a design flaw, as four friends with 200XLTs had no such problems. Grove Enterprises graciously swapped the defective radio for another brand new 200XLT, and the exchange took about a week using UPS shipping.

The squelch action on the new 200XLT is quite good, much better than on the 760XLT and PRO-2004, both of which have too much hysteresis. UHF sensitivity is excellent, and while I don't often listen to aircraft, the sensitivity in the AM aircraft band appears adequate.

Using an outside antenna, the 200XLT is sometimes bothered by the obnoxious 300 watt paging transmitter nearby, but so was my 800XLT on an indoor whip. Expecting a portable scanner to behave well on an outside antenna may be asking too much.

Most every superheterodyne receiver has birdies, those places on the dial where the receiver "hears itself." The 200XLT owner's guide does not list birdies, but they're there. Many of the birdies are weak, and disappear when the heliflex antenna is replaced with an outdoor antenna.

The first IF is 10.85 MHz, and the second IF is 450 KHz. Images of stations in the UHF range were noted 21.7 MHz higher than their assigned frequencies. The cellular telephone bands are disabled, but strong cellular phone signals are heard 21.7 MHz higher than their assigned frequencies anyway. Some people might consider this an advantage! Besides, there's not much activity above 892 MHz to listen to yet.

- 6 -

The 200XLT hears TV stations where they shouldn't be - in the 850 and 890 MHz bands - thanks to multiple injection into the mixer stage, no doubt.

Scanners sold by Grove Enterprises are supplied with instructions detailing how to restore cellular phone band coverage. The instructions for the 200XLT just involve crushing one resistor, but I haven't tried this.

Both my 200XLTs were a few kHz off frequency in the 800 MHz band. Weak signals were slightly distorted, and using the search feature revealed an asymmetry - I could hear the station +12.5 kHz stronger than -12.5 kHz away from what was supposed to be the center frequency.

Having no schematic, I deduced that the orange non-ceramic trimmer capacitor on the PLL board (the board with the horizontal crystal on top of the IC) determined the PLL reference frequency. I programmed a frequency near 850 MHz on the 200XLT, then adjusted the trimmer capacitor while listening to the local oscillator signal 10.85 MHz lower on my ICOM R-7000. The discriminator meter on the R-7000 makes that radio a great test instrument, but be sure your R-7000 is properly aligned before using it to align other radios!

What You Get

Like the 100XLT, the 200XLT comes with a leather-like case, but it's gray instead of black. The case has openings in all the right places, so one can charge the battery without removing the radio from the case. There is a belt loop sewn on the back, but a user must unfasten his/her belt to thread it through the loop, a big inconvenience. The scanner cannot be left standing up while in the case, because the case bottom is rounded.

There is no belt clip on the 200XLT. To carry the scanner on my belt, I use a yuppie-ish Bianchi, hand-tooled leather case, made for the old Kenwood TR2400. My wife bought the used case at a hamfest for $1.50.

The 200XLT also comes with an AC wall adapter, an earphone, and a helical antenna blessed with a BNC connector.

UNIDEN scanners no longer come with an owner's manual, but with a difficult to use fold out sheet instead. The instructions aren't great, but will tell you most of what you need to know. Of course, you don't get a schematic, but you can order it.2

Summing Up

The UNIDEN 200XLT works well. It scans fast, sounds good, and excels in the amount and organization of its memory channels. The 800 MHz coverage, multiple priority, frequency finding, and slide-on battery pack features make it the "Lincoln Town Car" of portable scanners.

So far, the 200XLT is the best handheld scanner I've ever used. Now I'm waiting for Radio Shack to shrink the PRO-2004, so we can enjoy continuous frequency coverage in a portable scanner!

BATTERY CONSUMPTION OF THE
UNIDEN/BEARCAT 200XLT SCANNER

by Bob Parnass, AJ9S

The Uniden/Bearcat 100XLT and 200XLT scanners are the first portable scanners with enclosed, slide on battery packs. Some 200XLT owners don't get the battery life they expect. They report having to recharge the slide on NiCd (Nickel Cadmium) battery pack after as few as only 3-1/2 hours of operation. Owners expect the battery pack to last longer, at least the 5 hours mentioned in the documentation supplied with the radio.

Much has been written about NiCd battery characteristics and charging in general. This article will not rehash general NiCd charging techniques. Rather, we will analyze the current consumption of the Uniden/Bearcat 200XLT scanner, and make recommendations specific to that radio.

BP-200 Battery Pack

The BP-200 battery case contains six Sanyo 600 mAh NiCd cells soldered in series configuration and wrapped in heat shrunk plastic. This pack furnishes 7.2 VDC to the radio. A charging regulator circuit and a light emitting diode are also contained within the battery case.

---

2. UNIDEN, Parts Department, P.O. Box 50822, Indianapolis, IN 46250.

In contrast to the Yaesu FT-23R 2 meter walkie-talkie, which is supplied with a wall-mounted charger, the 200XLT wall-mount unit is actually a 12 VDC power supply. Since the BP-200 regulator circuitry is contained within the battery case, 200XLT owners cannot easily opt for rapid or trickle chargers.

Measurements and Their Implications

The 200XLT's current drain was measured under several conditions, and a graph appears later in this paper. Tests show that the 200XLT consumes more current on higher bands than it does on lower bands. For instance, listening on the 870 MHz band takes 13 mA more current compared with the vhf-lo band.

Measurements indicate that 200XLT current consumption is independent of scanning, searching, or manual modes, provided the scanning or searching is within the same band. This implies:

o If you must monitor 870 MHz frequencies for a prolonged period, it is more "battery-wise" to scan a mixture of 870 MHz and low band channels.

Several factors can contribute to "shortened" battery life. Shortened recharge intervals will be needed if using the radio with the volume control at a loud setting. In portable receivers, the audio amplifier stage generally consumes more current than any other stage. The 200XLT has a more powerful, cleaner audio output stage than do other portable scanners.

The factory supplied earphone is inconvenient and uncomfortable, but test results prove:

o Using the earphone decreases current consumption.

Using an earphone saves about 14 mA indoors, and about 50 mA in noisy situations where one might have the volume control set at maximum.

When using an earphone with the test radio, the best volume control setting was at the 10 o'clock position, versus 12 o'clock when using the internal speaker.

Listening to "busy" channels generally consumes more current than listening to infrequently used channels. One surprising exception, borne out by test results, is that:

o When using an earphone (at 10 o'clock volume setting), listening to busy channels actually consumes less current than when the 200XLT is fully squelched!

Improper battery charging can require the battery be charged more often than normal. If the battery indicator on the 200XLT's panel flashes, charge the battery pack for a full 16 hours. Test results showed:

o The low battery indicator flashes when battery voltage falls to 7.2 volts or less.

The 200 memory channels in the 200XLT are backed up by a capacitor kept charged by the NiCd battery pack. Current is required to retain the memory information, even when the radio is turned off.

How much battery drain is due to maintaining the memory information? To answer this question, the author measured the current required to backup the memory in the 200XLT. A Fluke 8024B digital multimeter indicated that:

o The 200XLT draws about 0.50 mA with the power switched off.

The six cell Sanyo NiCd pack is rated for 600 mAh capacity. If the batteries were perfect, and had infinite shelf life, the memory backup would drain a fully charged battery flat in 50 days:

600 mAh / 0.50 mA = 1200 hours
= 50 days

But no NiCd battery is perfect -- all have a finite shelf life. NiCd batteries will discharge by themselves, through spontaneous chemical decomposition, even when not connected to a load. The General Electric Company indicates that the average NiCd will lose about 1% of its capacity per day at 70 degrees F.

The author developed a discrete time computer simulation which shows that:

o The cumulative effects of self discharge, combined with 0.50 mA drain due to memory backup, will deplete a fully charged 200XLT battery pack in about 40 days.

A plot of the predicted daily decrease in battery capacity appears elsewhere in this article. The plot indicates that:

o To get the most use between recharges, charge your 200XLT right before using it. If you charge your 200XLT battery, but then leave it in a drawer for a week, you will have already lost 20% of the operating time before the next recharge is required.

Average self discharge at 100 degrees is about double (2% per day) the discharge at 70 degrees, which is a good reason to avoid storing NiCd batteries in a warm automobile. At 100 degrees, it only takes about 34 days to deplete the 200XLT battery.

These Recommendations Can Work For You

By using his 200XLT right after charging its battery for 16 hours, Mr. Ron Smithberg reported he is now getting 6-1/2 hours use on a charge instead of the 3-1/2 hours he got previously.

References

1. Parnass, Bob, AJ9S, "Uniden/Bearcat 200XLT Scanner Review," RCMA Newsletter. October 1988.

2. Nickel-Cadmium Battery Application Engineering Handbook, Second Edition, General Electric Company, Battery Business Department. P.O. Box 861, Gainesville, FL 32602. Copyright 1975. pp 7-14, 7-15.

For further information on NiCd batteries, see:

- The ARRL Handbook for the Radio Amateur, 65th Edition. The American Radio Relay League, Newington, CT. Copyright 1988. ISBN 0-87259-065-8. pp 6-25, 6-26, 6-27, 6-28.

- Meyer, Budd, K2PMA, "Charge It! Your NiCad, That Is," QST, March 1977. pp 29-31.

- Meyer, Budd, K2PMA, "Nickel-Cadmium Pandemonium," QST, March 1982. pp 32-34.

Additional Current Consumed by Uniden/Bearcat 200XLT
Per Band Over VHF-lo Band
Band Additional Current (mA)
VHF-hi 1
UHF 5
870 13

Uniden/Bearcat 200XLT Scanner Current Consumption
Measured Under Various Operating Conditions
Condition Measured Current Consumption (mA)

```
|_____________________________|_____________________________________________|
| sqlch closed vhf-lo | 49 *************** |
| sqlch closed vhf-hi | 50 *************** |
| sqlch closed uhf | 54 ***************** |
| sqlch closed 870 | 62 ******************* |
| | |
| sqlch open 10oclock vhf-lo | 48 *************** |
| sqlch open 10oclock vhf-hi | 49 *************** |
| sqlch open 10oclock uhf | 53 ***************** |
| sqlch open 10oclock 870 | 61 ******************* |
| | |
| sqlch open 11oclock vhf-lo | 57 ***************** |
| sqlch open 11oclock vhf-hi | 58 ******************* |
| sqlch open 11oclock uhf | 61 ******************* |
| sqlch open 11oclock 870 | 69 ********************* |
| | |
| sqlch open 12oclock vhf-lo | 64 ********************* |
| sqlch open 12oclock vhf-hi | 65 ********************* |
| sqlch open 12oclock uhf | 68 ********************* |
| sqlch open 12oclock 870 | 76 ************************ |
| | |
| sqlch open full vol vhf-lo | 99 ****************************** |
| sqlch open full vol vhf-hi | 100 ******************************* |
| sqlch open full vol vhf-uhf| 104 ******************************** |
| sqlch open full vol vhf-870| 112 ************************************|
|_____________________________|_____________________________________________|
```



```
_____________________________________________________
| Predicted Shelf Life of Uniden/Bearcat BP-200 Battery |
| Battery Pack While Connected to 200XLT Scanner |
| |
| Day % of Original Capacity Remaining At End of Day|
|_______|_____________________________________________|
| 1 | 97% ***********************************|
| 2 | 94% ********************************* |
| 3 | 91% ********************************* |
| 4 | 88% ******************************** |
| 5 | 85% ******************************** |
| 6 | 83% ******************************* |
| 7 | 80% ******************************* |
| 8 | 77% ****************************** |
| 9 | 74% ****************************** |
| 10 | 72% ***************************** |
| 11 | 69% ***************************** |
| 12 | 66% **************************** |
| 13 | 64% **************************** |
| 14 | 61% ***************************** |
| 15 | 58% ********************* |
| 16 | 56% ********************* |
```

17	53% ******************
18	51% ******************
19	48% *****************
20	46% *****************
21	43% ****************
22	41% **************
23	38% *************
24	36% ************
25	34% ************
26	31% **********
27	29% **********
28	27% *********
29	25% *********
30	22% *******
31	20% *******
32	18% ******
33	16% *****
34	14% *****
35	12% ****
36	10% ***
37	7% **
38	5% *
39	3% *
40	1%
_____	_____

Computer model based on these assumptions:

- 13 -

1. A new battery, fully charged to 600 milliampere-hour capacity at start of day 1.

2. Continuous drain of 0.50 mA to retain 200XLT memory.

3. Ambient temperature 70 degrees F.

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BATTERY CONSUMPTION OF THE
UNIDEN/BEARCAT 200XLT SCANNER
Part 2

by Bob Parnass, AJ9S

Some Bearcat 200XLT scanner owners don't get the battery life they expect. They report having to recharge the slide on NiCd (Nickel Cadmium) battery pack after as few as only 3-1/2 hours of operation.

Part one of this article discussed the results of several tests made on the 200XLT portable scanner to determine its current consumption.3 Part 2 will continue the discussion

and present the results of additional tests.

Low Battery Indicator

As presented in Part 1, the 200XLT low battery indicator begins to flash when battery voltage decreases to 7.2 volts or less. This starts a 10 minute timer within the 200XLT. After the low battery indicator has flashed for 10 minutes, the 200XLT display blanks.

o Experimental results show that even after the 200XLT display goes blank, the radio will continue to draw approximately 50 mA.

In the author's opinion, the display blanking feature is a liability, not an asset, of the 200XLT. The owners' guide claims the 10 minute timer and display blanking sequence is designed to alert the user and prevent the batteries from full discharge. But, this assumes the user will notice the display is blank and take action.

Owners have been known to get up to 2 hours more use from the NiCd battery pack after the low battery indicator begins to flash. They turn the radio off, then back on, which resets the 10 minute timer.4 Uniden should just let the low

---

3. See "Battery Consumption of the Uniden/Bearcat 200XLT Scanner," by Bob Parnass, AJ9S, in The Radio Enthusiast, December 1988.

4. Be forewarned that turning the radio off and on rapidly in succession may cause the memory to be lost.5 This may be due to a transient voltage spike. A note in November

battery indicator flash, omit the timer, and let the user decide what to do and when to do it. This would permit the 200XLT to be used longer.

Measuring BP200 Battery Capacity

The BP200 battery pack contains 6 cells and is rated at 600 mAh. Ron Smithberg experienced short battery life in his 200XLT. We measured the capacity of his battery using a procedure similar to the one recommended by General Electric and Motorola. Basically, we timed how long it took to discharge a fully charged battery using a resistor to draw current at its one hour rate. This test considers NiCd cells measuring 1.0 volts or less as "discharged."

1. We charged Ron's battery for 16 hours using the factory supplied wall power supply.

2. We placed a variable power resistor (approximately 12 ohms) across the battery terminals, and kept it adjusted to draw 600 mA from the battery.

3. We monitored the battery voltage during the entire test. When the pack voltage decreased to 6 volts, we noted the time, and stopped the test.

It took only 44 minutes for the 6 cell pack voltage to decrease from over 8 volts to 6 volts. Thus, the battery capacity was only:

600 mA * 44 minutes

= 26,400 mA-minutes

= 440 mA-hours

After performing the capacity test, Ron recharged his battery for 16 hours then used it immediately. He was then able to get more than 9 hours use, much longer than before. Apparently, Ron's battery was suffering the effects of NiCd memory.

1988 Monitoring Times recommended the addition of a 100 uF capacitor soldered across the battery to prevent transients.

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Avoiding NiCd Memory Effect

The owners' literature recommends that 200XLT owners run their batteries down periodically to avoid a NiCd "memory" effect.

o Avoiding the effects of NiCd "memory" is perhaps more important for the 200XLT than it is for other portable radios.

Owners who always recharge their battery packs at the first blink of the low battery indicator will not extract the full capacity of their battery. They will decrease its capacity.

Cell reversal can occur if NiCd batteries are permitted to fall below 1.0 volts per cell. There are at least 2 ways to "run" the battery down safely:

1. As described in the cell capacity test above, discharge the fully charged pack into a 12 ohm, 10 watt resistor until the pack voltage is down to 6

volts. This should take an hour or less. You can prop the battery upside down on a piece of wood with with the battery contacts resting on 2 nails. A 12 ohm resistor and voltmeter should be connected across the nails.

After discharging, recharge the battery for 16 hours.

2. Leave the 200XLT scanner on after the low battery indicator flashes and the LCD display blanks. Periodically remove the battery and measure its voltage. When the battery pack voltage reaches 6 volts, recharge the battery for 16 hours. This method will take longer and it is easier for an owner to forget and let the battery voltage dip too low (below 6 volts). This may cause the loss of programmed frequencies, as well as possible NiCd cell reversal.

For Experimentation:
A 200XLT Quick Charger?

Rather than charge the NiCd batteries through the jack on the battery case rear, you could try charging them using the contacts on the top of the pack. This would bypass the internal charging circuitry. As with the discharging scheme described above, you could position the pack upside down on a block of wood with 2 nails touching the contacts. Using a constant current, or pseudo-constant current charger, you could select the desired rate of charge:

charge	duration
60 mA	16 hours
96 mA	10 hours
120 mA	8 hours
240 mA	4 hours

Of course, the battery pack must be removed from the 200XLT while charging this way.

The author uses this flexible scheme for recharging the 7.2 V 600 mAh battery pack on a Yaesu FT-23R walkie-talkie.

Conclusion

The low battery alert feature of the Uniden/Bearcat 200XLT is too conservative, and disables the radio prematurely. Owners can get longer use from their NiCd battery packs if they adopt good charging habits, such as discharging their pack down to 6 volts, and charging for 16 hours just before using the radio.

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BATTERY CONSUMPTION OF THE
UNIDEN/BEARCAT 200XLT SCANNER
Part 3

by Bob Parnass, AJ9S

Some Bearcat 200XLT scanner owners don't get the battery life they expect. They report having to recharge the slide on NiCd (Nickel Cadmium) battery pack after as few as only 3-1/2 hours of operation.

Parts one and two of this article discussed the results of several tests made on the 200XLT portable scanner to determine its current consumption.6 This part proposes cures for the overly conservative low battery indicator problem. Modifications should be undertaken only by experienced electronic technicians using the proper tools.

Low Battery Indicator

As presented in Parts 1 and 2, the 200XLT low battery indicator begins to flash when battery voltage decreases to 7.2 volts or less. This starts a 10 minute timer within the 200XLT. After the low battery indicator has flashed for 10 minutes, the 200XLT display blanks, and the radio continues to draw significant current.

The low battery indicator was too conservative in three 200XLTs examined. Owners have been known to get up to 2 hours more use from the NiCd battery pack after the low battery indicator begins to flash.

The 7.2 volt threshold measured in 200XLTs is almost out of range. The 200XLT Service Information Manual specifies the low battery threshold should be 6.9 volts nominal, with an acceptable range of between 6.5 and 7.2 volts.

Zener diode D203, type HZK3CLL01TR, a surface mount component located on the Micom (microcomputer) circuit board, determines the low battery detection threshold.

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6. See "Battery Consumption of the Uniden/Bearcat 200XLT Scanner," by Bob Parnass, AJ9S, in The Radio Enthusiast, December 1988 and January 1989.

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I have not attempted to alter the 200XLT low battery circuit, but it looks like there are a few ways to fix it:

1. The threshold could be reduced if D203 were to be replaced with a zener diode of lower voltage.

2. The low battery circuit could be bypassed completely using one of two methods:

o by removing D203, and connecting the input of regulator IC204 to the output of IC208, a 5 volt regulator, or

o by removing R208, and replacing D203 by a jumper wire.

The only drawback I could see is that defeating the low battery circuit might cause memory loss when the battery voltage becomes too low, because the microcomputer doesn't detect the low voltage soon enough.

Again, the previous suggestions are conjecture, as I have not tried either modification. Readers are cautioned: experimenting with the 200XLT circuitry is risky. The surface mount parts are tiny and and the land patterns on the circuit boards are fragile.

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UNIDEN/BEARCAT 200/205XLT
TEST MODE

by Bob Parnass, AJ9S

According to the Uniden/Bearcat 200/205XLT Service Information Manual, the following procedure will load channels 1-25 with various test frequencies, and zero the remaining 175 channels:

1. Press and hold three keys: 2, 9, and MAN simultaneously and turn the power switch on.

2. Set the power switch to the off position.

3. Repress and again hold three keys: 2, 9, and SCAN simultaneously and turn the power switch on.

Some of the frequencies will be out of range, like 108.5 and 66.45 MHz, but will not permit reception.

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200XLT MEMORY LASTS FIVE
DAYS WITHOUT BATTERY

by Frank Karls7

Last year I purchased my first hand held, programmable scanner. My choice? A Uniden/Bearcat 200XLT from Grove Enterprises.

A short time later, my brother in law, John, heard for the first time what the scanning world was all about. It didn't

take long and the scanning bug bit -- big time! I lent him my 4 channel, crystal controlled Regency scanner. But every time he saw my 200XLT, his eyes would light up.

A while later, John's birthday was coming up, along with the question was what to get him. My suggestion was a 200XLT (of course). Everyone in the family pitched in and I placed another order with Grove. As usual, the UPS man was at my back door in three days. It was perfect timing because John's birthday party was in two days. I could charge the battery pack and when he opened it he'd be all set.

As I pulled the 200XLT from its the packing, something was missing -- the battery pack! I then called Grove and the extremely understanding lady said they would ship one out immediately. She also said that I was the sixth person with the same complaint. It seems that Grove got a shipment of 25 scanners, all missing battery packs.

When the family celebrated John's birthday, I brought my scanner and battery so he could check out his new play toy. He loaded in a few frequencies and couldn't thank everyone enough! At the end of the party, it was time to take my battery pack and go home and wait for UPS.

That was a Thursday, and the following Tuesday the new battery pack was arrived. After charging, John slid the battery on and fired his baby up. To his amazement, the frequencies he programmed in five days ago where still there! So much for Uniden Corp spec sheets.

---

7. Frank Karls, AT&T Network Systems, Naperville, IL

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BC200XLT LOW BATTERY FIXES
Troy T. Pummill, N6XMV

Here are two small articles from MT. I have not tried these mods, do so at your own risk (i.e. your milage may vary).

From Monitoring Times
Bob's Tip of the Month
May 1990, page 98

BC200XLT SHORT BATTERY LIFE SOLVED

Short battery life--sometime only an hour or two between charges--seems to be the only major complaint amoung owners of the laeading hand-held scanner, the Uniden Bearcat BC200XLT. Presumably, owners of similar sets like the BC100XLT BC205XLT, and Cobra 4030 could have the same prob-

lem. Now that is an ailment of the past.

It turns out that the batteries were not really at fault; a zener diode which determines the voltage at which the low-battery indicator would come on was defective in some units, causing the circuit to actuate prematurely. Replacing that idode and changing the value of an associated resistor provides the answer.

FREE FIX

MT contacted Uniden and was assured that they will provide the fix for free, even if the radio is outside of the one-year warranty period. If your Uniden BC200XLT suffers from short battery life, send the radioo along with a brief note describing the ailment, to Uniden Customer Service, 9900 West Point Drive, Indianapolis, Indiana, 46250.

As shown in the accompanying diagram, zener diode D203 and resistor R208 are the parts in question. D203 should be about 7 volts and R208 should be 150,000 ohms. These are miniature surface-mount devices on double- sided circuit board; if your radio is under warranty, attemping this fix yourself will void that warranty.

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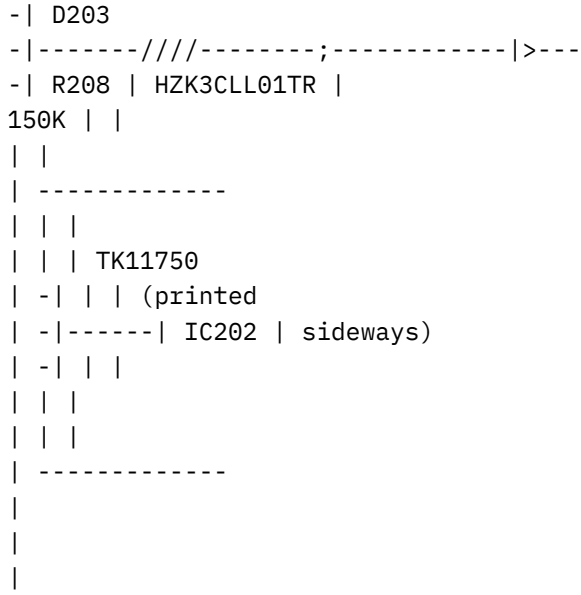

SHORT CUT

Mark Machcinski of Wyandotte, Michigan, came up with hisw own solution. He simply soldered a wire bridge across diode D203, disabling the low battery indicator entirely. The radio now operates uninterrupted until it blanks out when the battery level drops to about 4.5 volts.

Yet another suggestions from a Canadian reader would bridge the original diode with a 6.8K resistor, defeating the premature recharge signal, yet preventing the battery from too low a discharge.

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From MT
June 1990, page 98
Bob's Tip of the Month

BC200XLT BATTERY LIFE EXTENSION: Part II

Every time we run a helpful hint on a popular product, someone find an even more helpful hint! This one disable the low battery cutoff circuit and adds several hours of operation to a single charge. Our lab unit was still going strong after seven hours straight! Uniden will provide the fix for free, but if you're in a hurry and don't mind voiding your warranty, read on!

NOTE: This modification should not be attempted by anyone unfamilier with small circuit oard components.

The tools: You will need a small Phillips screwdriver, fine-tip soldering iron and solder wicking braid.

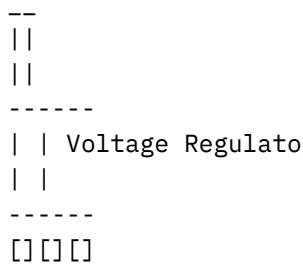
The procedure: Remove the battery pack, then the two screws form the bottom spring clip. Carefully pull the rear cover off, bottom first. Remove tjhe two small screws at the base of the circuit board. Pull the front panel away from the mainframe, bottom first.

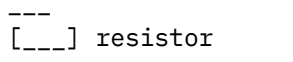
At the bottom of the remaining board--to the left of the speaker magnet--are two blue electolytic capacitors; just above them are two striped components-- one resistor and one diode. Using the soldering iron and braid, carefully remove the two components without overheating the board or damaging the copper traces.

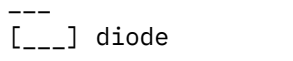
When you reassemble the radio, be very carful to note the insertion of the front panel into the slot at the base of the volume/squelch panel. Be especially careful to align the screw holes perfectly, allowing the two rows of fine pin contacts to mate correctly with the socket. If this is not done correctly (and it probably won't be the first time!) no damage will occur, but the scanner display will be blank.

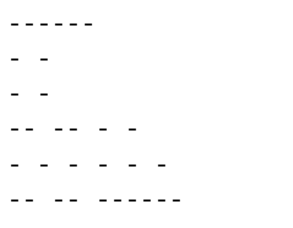
Recharge your batteries after 6-8 hours of heavy use. If the scanner dies, recharge it as soon as possible to prevent loss of your memorized frequencies.

- 25 -









capacitors (2, round) Speaker Magnet

SCANNER SHOOTOUT:
RADIO SHACK PRO-43 VS. UNIDEN/BEARCAT 200XLT

by Bob Parnass, AJ9S

The Uniden/Bearcat 200XLT and Radio Shack PRO-43 are both
excellent portable scanners. Which one is right for you?
Here's a table to help see the differences.

Criteria	PRO-43	200XLT
discount price	$275	$240
discounter	Marymac Industries Houston, TX	National Tower Co. Shawnee Mission, KS. Grove Enterprises, Brasstown, NC
special frequency coverage:		
29-30?	no	yes
220-225?	yes	no
225-400?	yes	no
54-88?	yes, add diode	no
cellular bands?	yes, remove diode 30 kHz steps	yes, remove resistor 12.5 kHz steps
IF circuitry	up conversion, 610, 48.5, 0.455 MHz	conventional 10.85, 0.450 MHz
sensitivity	better on 800 MHz	

audio output		stronger, clearer
scan speed (ch/sec)	50 measured	15
rubber antenna	ok	poor 800 MHz
		performance
images	none noted	yes, on VHF-hi,
		UHF, and in
		cellular band
intermodulation	yes, noted on	yes, noted on
	VHF-hi band.	VHF-hi band
	more intermod	less intermod
_____	_____	_____
size	smaller	larger
case ruggedness	even	even
display readability	smaller	easier to read
display light	dim,	easier to read,
	not latched	latched
keypad	monochromatic	color coded
keypad beep tone?	yes	no
battery system	replaceable AA	monolithic
		NiCd pack included
AC adapter	optional	included
leather case	none	included
belt clip	included	none
_____	_____	_____
monitor memories?	yes	no
freq query?	no	yes
AM/FM user selection?	yes	no
priority channels	1	10
AC operation modes:		
operate on AC		
while charging		
batteries?	yes, with $7	yes, adapter
	AC adapter	included
operate on AC		
without charging		
batteries?	yes, with $7	no
	AC adapter	
_____	_____	_____
--

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6881. Re: Anyone know U of G police FREQ?

Newsgroup: rec.radio.scanner
Date: 1994-12-15 04:21:58 UTC
From: dretzik@uoguelph.ca
Message-ID: <3cog96$q3p@nermal.cs.uoguelph.ca>
Source record: 264038

Actually I have a copy of Haruteq but unfortunately the frequency is not listed. I have tried searching 140 all the way to 170 but either the frequency is not in this range or the frequency is so seldom active I never catch it when it is active. I mentioned in the original post that I had the mobiles at 167.19, but I'm sure its not a simplex system since I can't hear the base unit. I will try searching 410-420 next time I get a chance unless someone else has a better suggestion. Once again to clarify: I am looking for the police frequency (base) for University of Guelph police. Guelph is in Ontario, Canada about an hour west of Toronto or 3 hours east of Detroit.

Thanks in advance

Dave

Peter Laws (plaws@comp..uark.edu) wrote:
: dretzik@uoguelph.ca (David Retzik) writes:

: I missed the original post, so by official usenet rules, that makes me
: uniquely qualified to comment :-)

: The problem, Dave, is that when you post to usenet, you post to the world.
: Even to Prodigy. Experience has shown that even limiting your
: distribution (allowed by some newsreaders) has little effect.

: As to your question, <shrug> haven't been thru your burg in about four
: years ... Canadian bands run different from US - try searching 142-144
: for VHF PD stuff and 410-420 PD UHF. I would highly recommend a copy of
: the Haruteq frequency directory for Ontario. I don't know where you can
: get one in your area tho'. Scanner Master Books used to carry them
: (1.800.SCAN.701 - I think that's valid from Canada) ...

: Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
: n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

6882. Re: Looking for a scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-15 04:28:00 UTC
From: brian.parker@nohobbs.org
Message-ID: <941215070359133@nohobbs.org>
Source record: 264039

LL-{(2) Is Radio Shack probably the best place to start out for a scanner? I
-{remember looking at a few things in the RS ads but no real searching. Any
-{brands, models that would fit my needs for just general scanning.

What might help you out is to get a Freq List of what is used in
your area and then when you go to buy a scanner you know which
Freq your looking for so you can make a more intelligent choice
on which one you want.
I like the Radio Shack PRO-39 because it's a hand held and has
200 memory channels.
---
* QMPro 1.51 * Brooklyn -- the Fertile Crescent of Civilization

6883. Re: Outdoor ant. overload pro-43?

Newsgroup: rec.radio.scanner
Date: 1994-12-15 04:30:45 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D0u4J9.Jtn@nntpa.cb.att.com>
Source record: 264042
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3ckq1n$22r@garuda.csulb.edu>,
Hiran C. Fernando <maverick@csulb.edu> wrote:

>I'm trying to choose between the Pro 43 and the Pro 2006...
>... I really like the Pro 43 but I heard that you cannot
>connect an outdoor antenna to it with good results,
>because the signal will "overload and blow through the front end
>of the Pro 43,"...

In *general*, the portable scanners aren't able to handle
strong signals as well as base models when connected to an
outdoor antenna. Specifically, that's true of the PRO-43 vs.
the PRO-2006.

Also, base models have more audio output than the portable units.

I have both the PRO-2006 and PRO-43 and think very highly of each.

The PRO-2006 is a better performing, more sophisticated scanner
than the PRO-43. It has better filtering, wider coverage, more
channels, more audio, larger display, etc. No contest -- unless
you *want* a portable, I recommend the PRO-2006 over the PRO-43.

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6884. Re: VHF-Lo 42MHz CHP Receptio

Newsgroup: rec.radio.scanner
Date: 1994-12-15 04:45:00 UTC
From: brian.parker@nohobbs.org
Message-ID: <941215070400134@nohobbs.org>
Source record: 264041

R-{Now the real issue: I'd like to monitor CHP traffic
-{in my area (San Francisco Bay Area). This corresponds
-{to the CHP's GAT Division and GG (Golden Gate) Dispatch
-{Center. I programmed the appropriate 42.XXXX MHz
-{frequencies (plus 156.7, 154.9050 and a few others) but I
-{RARELY hear radio traffic, and when I do, it's very faint.
-{Also, I rarely hear the actual officers; I usually just
-{hear dispatch. I bought a 25-Whatever MHz antenna from

Nothing is wrong, the CHP Mobile communications use duplex
pairs and the dispatch uses the station frequency.
I'm shocked you even hear any traffic from the officers.
---
* QMPro 1.51 * Brought to you by the Mother of all Messages

6885. Re: Inmarsat

Newsgroup: rec.radio.scanner
Date: 1994-12-15 05:05:29 UTC
From: daryll1@aol.com
Message-ID: <3coiqp$nqt@newsbf01.news.aol.com>
Source record: 264043

In article <cgwh.215.000C2F84@chevron.com>, cgwh@chevron.com (Curtis Wheeler) writes:

Curtis.... About half of the INMARSAT signals are analog voice. I listen to it here in northern Ohio using a Down East Microwave beam & LNA, sent to an Icom R7100. LOts of interesting stuff when the Haiti thing first went down.
.....Daryll

6886. Re: Canadian Regulation on cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-15 05:05:36 UTC
From: sami@bcars6c6.bnr.ca
Message-ID: <SAMI.94Dec15000536@bcars6c6.bnr.ca>
Source record: 264064

In article <3co2nn$dhe@nnrp.ucs.ubc.ca> dwatt@unixg.ubc.ca (David Watt) writes:

Path: bcarh8ab.bnr.ca!bcarh8ac.bnr.ca!corpgate!news.utdallas.edu!news.starnet.net!wupost!udel!gatech!howland.reston.ans.net!math.ohio-state.edu!scipio.cyberstore.ca!vanbc.wimsey.com!unixg.ubc.ca!dwatt
From: dwatt@unixg.ubc.ca (David Watt)
Newsgroups: rec.radio.scanner
Date: 15 Dec 1994 00:30:47 GMT
Organization: University of British Columbia
Lines: 9
NNTP-Posting-Host: unixg.ubc.ca
X-Newsreader: TIN [version 1.2 PL2]

Sami Boulos (sami@bcars6c6.bnr.ca) wrote:

: There are NO laws regarding scanning in Canada (other than one or two
: provinces banning mobile use of scanners).

That's news to me. Which provinces prohibit the mobile use of scanners?

Cheers, Dave

I did not write this -- please don't attribute it to me.
--

Sami Boulos | Bell-Northern Research | TEL: (613) 765-2108
VE3SKK | P.O. Box 3511, Stn. C | FAX: (613) 765-2186
sami@bnr.ca | Ottawa, Ontario Canada K1Y 4H7 | #include <disclaimer.h>

6887. Re: Popular 2M frequencies in Minneapolis

Newsgroup: rec.radio.scanner
Date: 1994-12-15 05:38:24 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <xE4WGDw.donhayes@delphi.com>
Source record: 264044

I know that there are a number of active 2 meter repeaters in the St Paul
Twin Cities area. If you have an ARRL repeater directory, you may want to jot
down those repeater freqs. A friend of mine,N2VZV, just moved to St.Paul
about 6 months ago and said it is a very active 2 meter 440MHz area! You may
want
to check with the ARRL about licensing requirements in the US. Have a good one!

6888. Re: Assistance finding scanner accessory

Newsgroup: rec.radio.scanner
Date: 1994-12-15 05:41:04 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <xE42mx4.donhayes@delphi.com>
Source record: 264045

There are a number of companies that sell carrying cases for the radio. In fact t Radio Shack has some sort of carrying case they sell that it will fit in.Try Grove Electronics in North Carolina for a case. Good Luck...Don

6889. Re: Scanner WWW page?

Newsgroup: rec.radio.scanner
Date: 1994-12-15 06:03:16 UTC
From: tharrell@nmsu.edu
Message-ID: <3com74$mcr@dns1.NMSU.Edu>
Source record: 264046

Harold G Peach Jr (hpeach@pop.uky.edu) wrote:
: >
: > IS there a WWW page dedicated to scanners?
: >

: Paul Nash has a pretty nice WWW page at:
: http://dice.dac.neu.edu:80/Homepages/paul/freqs/

I'm working on one right now - it's small but growing, and it's
got a pointer to Paul's page, too. Mine's at:
http://rever.nmsu.edu/~weasel

I'm a Lynx user, so you non-Mosaic users out there don't have to feel
like you're missing all sorts of neat graphics (which end up screwing
with the non-graphic formatting).
--
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5KTO Beware of geeks bearing .gifs... |
| The Second Amendment is the '...and we're not kidding!' clause |

6890. Re: PRO 43 4SALE

Newsgroup: rec.radio.scanner
Date: 1994-12-15 07:33:47 UTC
From: glennh@pnw.net
Message-ID: <3corgr$eu7@cascade.pnw.net>
Source record: 264047

Walter R Francis (WALLY@ukcc.uky.edu) wrote:
:
: WHY is it that nobody can believe that scanners can receive cellular
: (and mid VHF) by using the keypad to start a test mode that will then
: allow you to tune those freqs..
:
: Oh well.. :) I've had someone cuss me for suggesting such silly notions. :)
:
: I beleive the PRO-43 was 2 9 LO? Not sure... I have a PRO-51..
:
: Which works on it.. Actually, BAND 2 9, wait, 2 9 LO, then it's set.

Big mistake to say "scanners can receive....." Not all scanners are created equal. Very few are the same with different names. All seem to have unique features and very few that I know of have test mode that you can enter through the keypad.

First you have to realize that Radio Slack doesn't manufacture the scanners it sells. I seem to recall that the 43 is made by a different group then the 51. Regardless, the Pro-43 cannot be put in a test mode by keypad combos like the 51. This comes from one who is considered by many as an expert, Bill Cheek.
Maybe people curse you because they wore off the keypad markings and the skin on their finger tips trying to get their Pro-43 to do something you said it would when it can't!

--
Glenn Hansen - KB7PKC
<glennh@pnw.net>
Tacoma, Wa

6891. Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-12-15 08:53:45 UTC
From: lalee@freenet.vancouver.bc.ca
Message-ID: <3cp06p$geb@freenet.vancouver.bc.ca>
Source record: 264048

(1) Anyone have some times that the Pro-43 lasts during "normal" useage...

(2) Does anyone get any problems with the battery system of the Pro-43 vs the Bearcat 200XLT? I was just thinking if I got the Pro-43 it might be easier to get new batteries if I didn't have time to recharge.

(3) Would I be missing much on 220-400... I read the book and I guess I don't need it.

(4) I read an article by Bob Parnass on the Bearcat... And was wondering if anyone has had any success with buying a diffrent antenna?

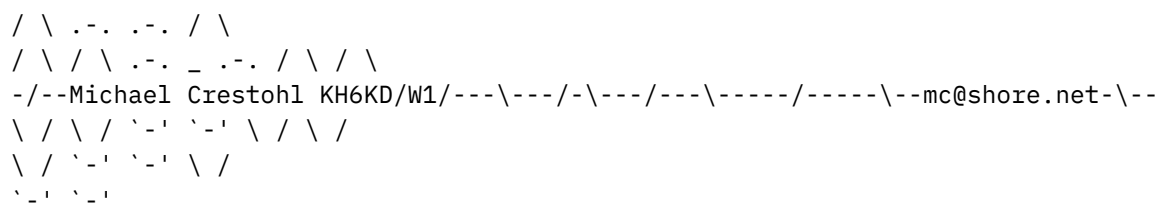
Thanks... Almost made a decision hopefully I'll be getting one of the two under the Christmas tree.

6892. Re: WARNING: John Kwiatkowski RIP OFF!!

Newsgroup: rec.radio.scanner
Date: 1994-12-15 11:56:29 UTC
From: mc@shore.net
Message-ID: <3cpatd$c2j@shore.shore.net>
Source record: 264049

In article <3cnp8v$1nf@nntp.crl.com>, Flying Turtle <vhealey@crl.com> wrote:
>brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) wrote:
>>
>> In article <3cl16s$jpa@news.midland.co.nz> tumeke@midland.co.nz (Toby TeRupe) writes:
>>
>> >About 6 months ago I purchased a scanner from this prick, and he did a
>> >runner with the money saying that the scanner was on its way, (I am in
>> >New Zealand), He had also ripped a few other people off.
>> >Now I have got hold of this person in another newsgroup: alt.2600
>> >He now assumes the email address: 0007152212@mcimail.com (John Kwiatkowski)
>> >He did have the email address : jkwiatkowski@attmail.com
>> >People were so kind as to give me information about this person, but
>> >nothing could be done from me being so far away, could some people be so
>> >kind to give as much information about this scam arsewipe....
>> >Thanks in advance....
>> >Who what I could do.
>>
>> I had a similar thing happen to me trying to buy some computer equipment. The
>> guy did get arrested by his local police. Since US mail is involved, federal
>> charges can be brought (mail fraud). I got my money back. Remember that if
>> you have a good bank, and wrote a personal check, you can do a stop-payment
>> and get your money back *even AFTER the check is cashed*. Just tell them what
>> happened and they should be able to help.
>>
>
>Twice I had the cops go after folks who gave me bad checks of about $1000 each
>at hamfests. Got my money both times. Two people came close to spending time
>in jail.

I think Bob Levine KD1GG (levine@mc.com) also had an experience with this
individual. Contact him for more information.



6893. Re: Oakville Ontario Fire Dept Freq

Newsgroup: rec.radio.scanner
Date: 1994-12-15 12:15:07 UTC
From: shearman@grin.io.org
Message-ID: <3cpc0b$78s@ionews.io.org>
Source record: 264050

Kent Timm (ah254@freenet.toronto.on.ca) wrote:

: Would anybody happen to have the frequencies for the Oakville, Ontario,
: Canada FIre Department (and police)? If you do, would you please send
: them this way? I haven't lived here very long and haven't been able to
: pin them down..

Kent:

Those are Halton Region frequencies. A good place to start is Haruteq
Scanner Guide, available at Coles or WH Smith in any of the major malls
in your area. You can also try the ODXA BBS in Aurora at 905-841-6490.

--
(Rev.) David Shearman,
Blackstock, Ontario, Canada

6894. Re: Canadian Regulation on cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-15 12:18:11 UTC
From: shearman@grin.io.org
Message-ID: <3cpc63$78s@ionews.io.org>
Source record: 264051

Tomalak (tomalak@shoreline.ca) wrote:
: I dunno, but is there any diffrence in the Canadian regulations on
: scanning 800+ Mhz...

: If they allow for it would that mean I could get one that scans those
: channels here in Canada?

Yes, cellular scanning is legal here. Just don't disclose what you hear.
Cellular capable scanners are still available in Canada at most good
radio shops, though Radio Shack is making the scanners they sell in
Canada non-cell capable. At least that's what Radio Shack said in a
recent ODXA article.

--
(Rev.) David Shearman,
Blackstock, Ontario, Canada

6895. Re: Antenna identification

Newsgroup: rec.radio.scanner
Date: 1994-12-15 12:53:06 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.52.000CE2EF@ccm.hf.intel.com>
Source record: 264070

In article <3cia8t$183r@sernews.raleigh.ibm.com> wmeranda@vnet.ibm.com (Wes Meranda) writes:

>Since I started scanning about a year ago I find I'm starting to notice
>various antenna towers that used to be just part of the invisible landscape.
>I suspect that I'm starting to loose touch with reality because I find
>myself wanting to be able to identify the antennas and their use. Anyone
>know of a good source of information for this ?

I have this same problem. I can't drive anywhere without noticing every antenna along the way.

One good way to learn your antennas is to get a few catalogs. Antenna Specialists has a big thick catalog that has pictures of all their commercial antennas. You can even tell the beam width of the directional cellular radome-type antennas etc. This will help you Identify most of the antennas out there. Also get a catalog of Ham antennas so you can see where all the hams live, and what bands they operate on.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

6896. Re: Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-12-15 14:01:02 UTC
From: domonkos@access.digex.net
Message-ID: <s-4ykiubGMTA066yn@access.digex.net>
Source record: 264052

In article <3cp06p$geb@freenet.vancouver.bc.ca>, Lawrence Lee wrote:
> (1) Anyone have some times that the Pro-43 lasts during "normal" useage...
>

I get about 6-7 hours on a set of RS High Capacity Nicads.

> (2) Does anyone get any problems with the battery system of the Pro-43 vs
> the Bearcat 200XLT? I was just thinking if I got the Pro-43 it might be
> easier to get new batteries if I didn't have time to recharge.
>

I prefer the Pro-43; if nicads die I can always pop in a set of alkalines,\
which have given me about 15 - 18 hours service.

> (3) Would I be missing much on 220-400... I read the book and I guess I
> don't need it.
>

220 - 400 is miltiary air traffic, which is my favorite, but that's my
opinion.

> (4) I read an article by Bob Parnass on the Bearcat... And was wondering
> if anyone has had any success with buying a diffrent antenna?
>

I use the Austin Condor which is a tuned antenna(s) for VHF, UHF, and 800Mhz,
about 14 inches long. I also use the GRE Super Amplifier especially when
scanning 220-400Mhz, helps pull in distant militart aircraft better. The

> Thanks... Almost made a decision hopefully I'll be getting one of the two
> under the Christmas tree.
>
>
>

The Pro-43 has triple conversion and makes it very useable in RF dense
areas by eliminating images. The 200XLT is a double conversion unit and is
very prone to images and interference in an RF dense area. Also, the use
of a high gain antenna and/or preamp will only worsen the situation.

Andy

6897. Re: Antenna identification

Newsgroup: rec.radio.scanner
Date: 1994-12-15 14:02:52 UTC
From: jcarter@orl.mmc.com
Message-ID: <3cpiac$7d7@theopolis.orl.mmc.com>
Source record: 264053

In article 183r@sernews.raleigh.ibm.com, wmeranda@vnet.ibm.com (Wes Meranda) writes:

/Some new towers going up in my area have me wondering, they are somewhere
/between 50-100 foot tall on a metal hexagon tower that gets gradually
/thinner with height. There is a triangular platform at the top with
/a single vertical whip at each corner.

Those will be cell phone towers. Most of them are 75' tall to limit
the range.

Jim

\/\/ * \/ _._. __._ /\/\/ | James A. Carter (Jim) | jcarter@orl.mmc.com |
/|\ | Senior Software Engineer |_____________________|
/\|/\ K D 4 P O N | Martin Marietta | These views are my own |
/\/|\/\ ORLANDO | Mail Point 138 | and not that of my |
/\/\|/\/\ FLORIDA USA | 5600 Sand Lake Road | employer. |
/\/\/|\/\/_____________| Orlando, FL 32819-8907 |__________73's_Jim ____|

6898. S.FL Scanner Groups?

Newsgroup: rec.radio.scanner
Date: 1994-12-15 15:34:03 UTC
From: jkronz@pts.mot.com
Message-ID: <D0uz8r.ls7@pts.mot.com>
Source record: 264055

Any info on S.FL scanner groups???

Anyone live around W.Palm / Boca? I would like to get to know
some of the scanner listeners around the area...

-jason

6899. Re: Best Price for a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-12-15 15:44:23 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-1512940944230001@net67.metronet.com>
Source record: 264056

In article <3cl0ja$1vf9@tequesta.gate.net>, steven@gate.net (Steven G. Bradley) wrote:
>
> The ones in the US most likely can not be modified for cellular reception, those in the UK either come that way or are easily changed. Therefore, taking this new look at it, the ones in the UK are a *BARGAIN* for uncensored units. The North American versions are holy junk with two holes in the 800 mhz area. I will no longer purchase scanners with 800 mhz in the US for that reason. Also since I find 800 mhz very needed in this modern world, that means the US scanner market lost its ability to sell to me as a result of the stupid governmental restrictions (ok to buy from overseas, just not for marketing or manufacture in the US). Nice improvement on the US economy boneheads.
>

There are still alot of modifiable ones laying around at Rat Shacks. I bought one about one month ago.

--
Marc B. Grant
marcbg@metronet.com
Voice Mail: 214-246-1150
Amateur Radio N5MEI

6900. Re: Storing MIL frequencies in AR8000 (verbotten?)

Newsgroup: rec.radio.scanner
Date: 1994-12-15 15:46:47 UTC
From: carmins@dayton.saic.com
Message-ID: <3cpod7$1o0@dayuc.dayton.saic.com>
Source record: 264057

Not to start a flame war, but look up U.S.C. 18 * 793:

(a) "Whoever, for the purpose of obtaining information repsecting the national defense with intent or reason to believe that the information is to be used to injure the U.S., or to aid the advantage of any foreign nation, goes upon, flies over, enters, or otherwise obtains information relating to any vessel, aircraft, work of defense, navy yard, navy base, fueling station, fort, battery, dockyard, canal, [add your list of possible military descriptors here], ...shall be fined not more than $10,000 or imprisoned not more than ten years, or both".

Or U.S.C. 18 * 798:

(a) "Whoever knowingly and willfully communicates, furnishes, transmits or otherwise makes available to any unauthorized person, or publishes, or uses in any manner prejudicial to the safety or interest of the United States any classified information-

(1)...

(2)concerning the design, construction, use, maintenance or repair of any device, apparatus or appliance used or prepared or planned for use by the U.S. Govt. for cryptographic or communications intelligence purposes;

(3) concerning communication intelligence activities of the United States or any foreign government;

" ....shall be fined not more than $10,000 or imprisoned not more than ten years, or both".

"...'communications intelligence' means all procedures and methods used in the interception of communications and the obtaining of information from such communications by other than the intended recipients".

While the above statues are open for interpretation in different ways, it would seem to me that these clauses would give Uncle Sam more than enough reason to make your life miserable if they wanted to. If it were up to me, I think I'd play it safe by abiding by Fred's guidance in his post. Or if not to follow his guidance, at least be cautious in handling this info you gain and what you hear on those freqs.

Steve Carmin, Dayton, Ohio * eMail:carmins@dayton.saic.com
"Opinions Expressed Are My Own, Not Those Of SAIC"
"obscurum per obscurius"

6901. Re: Making a discone, help please

Newsgroup: rec.radio.scanner
Date: 1994-12-15 16:19:49 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D0v1D1.L11@freenet.carleton.ca>
Source record: 264059

In a previous posting, Rice Cube (tching@bilge.water.ca.gov) writes:
> I'm hopin to make a discone for wideband reception. Hopefully
> from around 1MHz up to 900MHz. I have the following questions:
>
> 1) is the "driven" element the "cone" or the flat horizontal "disk"?
> 1a) which is the ground plane, the disk or cone?
>
> 2) any guidelines you can suggest for size of disk and cone?
>
> 3) vertical antenna added to the driven element adds gain to what frequency
> range?
> 3a) is the vertical whip added because of weak gain in a certain freq range?
> 3b) what size do mfr's typically make the vertical piece?
>
> I realize there is no "prefect" antenna to receive all freqs - just
> one that can do a decent job. That's all I'm looking for...
>

The disk is the driven element, and the cone is the ground plane. Pretty
good reference book for any antenna builder is:

The ARRL Antenna Book
published by the ARRL
cost US$20.00ish (mine is a few years old so price is probably > now)
ISBN: 0-87259-206-5
Library of Congress #: 55-8966

I bought mine at an electronics store. Or you can contact the ARRL at:

American Radio Relay League
225 Main Street
Newington, CT
USA 06111

Has EVERY mathematical formulae you'd every want for building antennas...

--
Darrell A. Larose | ad607@freenet.carleton.ca
..I want to die peacefully in my sleep like my Grandfather...
...Not screaming in terror like his passengers...
--

6902. Re: Need opinion on Bearcat 8500XLT-K Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-15 16:21:35 UTC
From: Ben Hernandez <ben.hernandez@macsch.com>
Message-ID: <D0v1Fz.HsA@draco.macsch.com>
Source record: 264060
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3c2omv$inc@nntp.crl.com> Flying Turtle, vhealey@crl.com
writes:
>> One guy had the latest Uniden Scanner (the best one they make, the
8500,
>> right?). Anyway, many of the amateur handy-talkies also receive well
out of
>> band. About 5 different HTs, including the Uniden 8500, were set to
the
>> Milwaukee Fire Dept dispatch freq of 154.385 Mhz. While all the
amateur
>> tranceivers (including some radio shack scanners) were nice and quiet
when
>> the dispatcher was not transmitting, the 8500 would frequently chatter
with
>> noisy and annoying intermod from a near-by paging transmitter.
>>
>> The person who purchased the 8500 was rather annoyed with it's
suseptibility
>> to intermodulation distortion which, in his opinion, made it virtually
useless.
>> This was all with the stock rubber duck antenna inside a building.
>I have yet to see any made in the states that is state of the art and
the Uniden >scanners for the most choice are a poor choice for a
demanding person.

Someone once said that misinformation is worse than no information! My
favorite quote is "It is better to keep your mouth shut and be thougt of
a fool, than to open your mouth and remove all doubt."

No, the BC8500XLT is a desktop model. What you meant to say was
BC2500XLT, a fine triple conversion scanner.
I have owned, modded, broken, dropped, fixed,and programmed well over
twenty handheld scanners from Radio Shack, AOR, Trident, and Uniden. The
Uniden happens to be the best of the bunch in programming ease, service
promptness and rugged scanners. I happen to live in the San Fernando
Valley in California (Intermod HELL!) and I have never had any intermod
problems! I think this rumor was started by the Uniden competition to
stifle sales! The one problem I did have was short battery life in which
I called the Toll-Free service number and the unit was fixed in less then
a week and I was given a free spare battery.
What I Like About The BC2500XLT:
1. 400 channels.
2. 100 CPS scan.
3. Nice Backlight.

4. Ease of programming.
5. Leather Case, AC adapter, and Earphone.
6. Autostore.
7. Count feature.
8. Charge circuit built into the battery.
9. Evertime you enter a new freq it searches internally to see if it is already programmed and then tells you what channel it is in.

What I Don't Like About The BC2500XLT:
1. Proprietary battery pack.
2. No alphanumeric display.
3. Not enough people know about this fine scanner.

I am not trying to slam you but please, do not report an opinion as fact!

-Ben

6903. Hints On Scanning In Aircraft

Newsgroup: rec.radio.scanner
Date: 1994-12-15 17:12:38 UTC
From: griffin@ridgefield.sdr.slb.com
Message-ID: <griffin-1512941212380001@sdra82.ridgefield.sdr.slb.com>
Source record: 264061

I have been using my Icom R-1 for monitoring air traffic frequencies for several years. I monitor from within the aircraft when it is permitted. On airlines where their policy is not obvious, I shut the receiver off if asked to do so.

Because the aluminum skin of aircraft blocks VHF radio signals, the only hope of hearing outside transmissions is to be near a hole in the aluminum; near a window. Seats away from the wing are better than those directly over the signal-blocking metal of the wing. However, being next to a window does not guarantee reception of weak signals or signals arriving from a direction the window is not facing. I have found that reception of the ground transmissions is next to impossible in any seat which is not next to a window. Therefore, if I can't get a window seat I don't bother to monitor.

For best reception, I hold the radio's antenna near the center of the window opening. This generally gives the best reception of both aircraft and ground transmissions. I use a pair of walkman type headphones. They allow me to hear the received audio more clearly and block ambient noise inside the aircraft. Using headphones is also less distracting to adjacent passengers. I have been able to monitor both sides of transmissions on long cross country flights and flights outside the U.S. using this method. I have monitored air traffic control transmissions when my plane was over 100 miles from Puerto Rico.

I sometimes listen with a single earphone and an adapter I made. The adapter box plugs into the antenna connector on the receiver, in place of the antenna. The earphone then plugs into the adapter and acts as both an antenna and an earphone. Placing the receiver on the window side of the seat and using the earphone in the ear next to the window alleviates the need to hold the radio and antenna up to the window. The reception is good when the earphone/antenna wire runs up past the window.

In most aircraft there is very little internal electrical noise to interfere with vhf reception. On these aircraft monitoring is relatively noise free. I have found some aircraft however, most notably Airbus with digital flight control systems, generate tremendous amounts of high-frequency electrical noise. This noise fills the aircraft and masks all but the strongest radio transmissions. Sometimes it is not be possible to hear ground control transmissions while still on the ground! On these aircraft I just pack the radio away and hope I brought something to read.

Happy Scanning

--
Doug griffin@ridgefield.sdr.slb.com

6904. Re: **********BC855 XLT MODS

Newsgroup: rec.radio.scanner
Date: 1994-12-15 17:13:49 UTC
From: jwilkers@freenet.columbus.oh.us
Message-ID: <3cptgd$nsi@acme.freenet.columbus.oh.us>
Source record: 264062

Chris DeSesa (chris@ll.mit.edu) wrote:

: In article <3cl8e8$m4l@chaos.dac.neu.edu>, mtomek@ccs.neu.edu (max) writes:
: |> does anyone know where I can find the cell mod for this radio
: |>
: |> mtomek@ccs.neu.edu
: |>
: |>
: |>
: |>
: |> Max
: |>

: I asked for them before, and I never got any response. So put me down (again)
: too!

: Chris

This scanner has 2 boards. One will accept the common mod as
distributed around.... the new one will only take the mod as listed in
Monitoring times within the last couple months. The mod for the older
board will fry the new board. Determine which radio you have and I will
try to post the mod to this group or email it to interested people. I do
not know how to get the file to this system to send so it will take time
for me.

--

John L. Wilkerson Jr. jwilkers@freenet.columbus.oh.us

6905. Uniden 1-800 phone #?

Newsgroup: rec.radio.scanner
Date: 1994-12-15 18:13:00 UTC
From: john.avery@uchoice.com
Message-ID: <1ad.8078.1974@uchoice.com>
Source record: 263980

TP>Can anyone tell me what the 800 number for Uniden is? Thanks in advance.

1-800-297-1023 for Uniden America Corporation, Parts and Service
Division
The mailing address is:
8707 North By Northeast Blvd.
P.O. Box 501368
Indianapolis, IN 46250

Their other number is : (317) 842-2483
These lines are open from 8AM to 5PM, EST Monday thru Friday.

They can be difficult to get into.

 SLMR 2.1a Gotta run, the cat's caught in the printer.

6906. Re: Indiana Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-12-15 18:13:00 UTC
From: john.avery@uchoice.com
Message-ID: <1ad.8079.1974@uchoice.com>
Source record: 263981

BV>Why would a news reporter be allowed to have a scanner and a common
>citizen not be allowed to have one??? News reporters have absoulutely no
>connection to public safety. Can reporters help in a natural disaster,
>NO! And what would prevent me from saying I'm a freelance reporter?

A news reporter doesn't perform emergency assistance, but needs to
know where the "action" is so he/she can report about it to the
general public. Regarding, saying you are a freelance reporter, the
statute defines the qualifications of the news organization and
further requires the employer to submit the reporter's name to a
chief law enforcement official in the county.

From practicing criminal law for 20 years in Marion County, Indiana, I
can tell you this: (1) The fine and costs will total about $200 and
up. (2) You get a criminal record and (3) The last time you will see
your scanner will be in court just before the judge orders it to be
destroyed.

The full Indiana statute is:

Indiana Code I.C. 35-44-3-12 Unlawful use of a police radio;
exemptions; "portable police radio" defined.
(a) A person who knowingly or intentionally possesses a
portable police radio commits unlawful use of a police
radio, a class B misdemeanor.
(b) This section does not apply to:
(1) A governmental entity;
(2) A regularly employed law enforcement officer;
(3) A common carrier of persons for hire whose vehicles are
used in emergency service; (Ambulance)
(4) A public service or utility company whose vehicles are
used in emergency service;
(5) A person who has written permission from the chief
executive officer of a law enforcement agency to
possess a portable police radio;
(6) A person who holds an amateur radio license issued by
the Federal Communications Commission;
(7) A person who uses a portable police radio only in his
dwelling or place of business;
(8) A person:
(A) Who is regularly engaged in news-gathering
activities; AND
(B) Who is employed by a newspaper qualified to
receive legal advertisements under IC 5-3-1, a
wire service, or a licensed commercial or public

radio or television station; AND
(C) Whose name is furnished by his employer to the
chief executive officer of a law enforcement
agency in the county in which the employer's
principal office is located.

(c) "Portable police radio" means a radio receiving set that
is capable of receiving signals transmitted on
frequencies assigned by the federal communications
commission for police emergency purposes and that:
(1) Can be installed, maintained or operated in a
vehicle; or
(2) Can be operated while it is being carried by an
individual.

John

6907. RE: Radio Shack Address?

Newsgroup: rec.radio.scanner
Date: 1994-12-15 18:47:05 UTC
From: barry.adair@chrysalis.org
Message-ID: <9412151847.0QE0U03@chrysalis.org>
Source record: 263987

To: NEWS
Subject: RADIO SHACK ADDRESS?

->Does anyone have adress/phone information for the Radio Shack Corporate
>Offices? I just had a real bad sales droid experience. He even called
>me a jerk. Maybe it's true, but I need to follow up on this anyway.

N>--
>Jeffrey M. Valley
>valleyj@romulus.housing.fsu.edu
>valleyj@freenet.fsu.edu

Radio Shack National Headquarters
One Tandy Center
Fort Worth, Texas 76102
817-390-3011

Tandy General Information & Switchboard
One Tandy Center
Fort Worth, Texas 76102
817-390-3011

Tandy National Parts
900 E. Northside Drive
Fort Worth, Texas 76102
817-870-5600

Tandy Corp.
Executive Offices
1800 One Tandy Center
Fort Worth, Texas 76102
817-390-3700

Hope this helps

• QMPro 1.52 • barry.adair@chrysalis.org

6908. Reception of Pro-46

Newsgroup: rec.radio.scanner
Date: 1994-12-15 19:11:06 UTC
From: x2rosea@freenet.edmonton.ab.ca
Message-ID: <3cq4ca$v7c@news.sas.ab.ca>
Source record: 264066

I have recently bought a Pro-46 scanner and am quite pleased with it but it seems when scanning around 400Mhz I am picking up a bunch of noise from cellular phones which ovverride and block what I am trying to listen to. Is there a simple way to get rid of the unwanted noise with a different antenna or somthing.

Thanks to anyone who could help

Darryl Mortensen
x2rosea@freenet.edmonton.ab.ca

6909. Re: Airband

Newsgroup: rec.radio.scanner
Date: 1994-12-15 20:34:37 UTC
From: domonkos <domonkos@access.digex.net>
Message-ID: <3cq98t$j75@news1.digex.net>
Source record: 264067

>
> In article <5808@rook.ukc.ac.uk>,
> Duncan (dpfg@ukc.ac.uk) writes:
> >
> >What exactly is in the region 108-118 MHz? Is it speech that can
> >be listened to? Some scanners seem to omit it....one wonders if
> >anything is being missed..
>
> Not very interesting, Duncan, it's all aero-navigational stuff:-
> TACAN, DME (Ident only), ILS (Localiser), VOR. The only voice is
> the occasional ATIS superimposed on a VOR, but these are usually
> duplicated above 118 somewhere.
>
> Happy hunting
>
> Julian.

That all depends. Listening to the VOR signals through headphones
staring at the computer screen after downing a bottle or two of
Molson's can bring on some strange altered states of consciousness :-)

Andy

6910. New scanner enthusiast says "Hi!"

Newsgroup: rec.radio.scanner
Date: 1994-12-15 20:43:07 UTC
From: TRob@cybernetics.net
Message-ID: <3cq9uh$1c9@jabba.cybernetics.net>
Source record: 264068

I recently traded some spare cellular phone equipment for a Bearcat SC150B portable scanner. Never having been exposed to the hobby, I didn't know what to expect. In fact, I'll admit to being less than enthusiastic when initally offerred the trade.

Well, after 4 days, I seem to be hooked! I purchased the new Police Call and Beyond Police call books and have been listining to Police, Fire, Shool busses (strangely interesting episode THERE the other day...), and the occasional cordless phone. I noted some URLs for archives at OAK with scanner info also so I'll be visiting there as well.

If anyone has any advice for a new hobbyist as to organizations, events (in or near Charlotte, NC), and other resources, or tips, or just to say "Hi", I'd love to hear from you. Since much of the info I would need falls into the "FAQ" category feel free to e:mail me (I have a large mailbox <g>). I will answer (or at least acknowledge depending on the volume of responses) all mail. In the meantime, I'll continue to monitor here and scout the archives at OAK and RTFM.

Happy Scanning! -- T.Rob

6911. Re: AR8000 Cable

Newsgroup: rec.radio.scanner
Date: 1994-12-15 20:46:46 UTC
From: billy@panix.com
Message-ID: <billy-1512941246460001@billy.dialup.access.net>
Source record: 264069

In article <332.302.120@satcom.mhs.oz.au>, paul.britton@satcom.mhs.oz.au (Paul Britton) wrote:

> * In a message originally to ALL, Flying Turtle said:
>
> > Jim I bought the interface from Johnathan over in England.
>
> Can you post a number for your contact in England, and was the $130.00 in US
> Dollars od Pounds Sterling.
>
> > are some folks on Compuserve that have done a dump of the AR8000 rom
>
> Can you let me know the name of the forum on Compuserve, so I can join in
> there as well...
>
>
> Paul

The CompuServe Forum is called HamNET, and section involved is #2, the scanners section. Note that two of us have done dumps of the AR8000 _EEPROM_, not the AR8000 ROM (significantly different things). I just uploaded here in a message (rec.radio.scanner) a dump and interpretation I did on the Bandplan section of the EEPROM.

Bill S

6912. Re: "K"

Newsgroup: rec.radio.scanner
Date: 1994-12-15 21:10:10 UTC
From: joep@bear.com
Message-ID: <40358@ursa.bear.com>
Source record: 264071

Jim Dantin (jadantin@ndlc.occ.uky.edu) wrote:
: Marc Richard Wollemborg (mrw13@columbia.edu) wrote:

: : On many of the emergency services frequencies in my area, I've often
: : heard the dispatcher and the various units call each other "K". What
: : does this stand for?

: How about short for "OK"?

: --
: Jim Dantin jadantin@ndlc.occ.uky.edu
: Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

I'd have to agree... K.

I'm within range of NYC and they use it. The local fire photographers
(buffs) use it too.

Joe
--
p
|
_|_
|SSN|
. |698|
|\ ~~~~~~
| \ / joep@bear.com \
| \ / Opinions are all mine. Flames to the bilge \
%|-- +~~~~~~)
| / \ Living the American Dream I helped preserve /
| / ____/
|/
'

6913. Police jargon

Newsgroup: rec.radio.scanner
Date: 1994-12-15 22:04:51 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3cqei3$nc@floyd.santarosa.edu>
Source record: 264072

Yea, I wanted to know something about cop talk... I do not quite fully understand the code names for the different officers. When a dispatcher says 6 Frank 3 10-21 Mr. Doe....etc.. What does 6 Frank 3 stand for? I know that Frank is like a day time officer (this probably varies according to location) but what does the 6 and the 3 stand for. The 6 never changes from officer to officer but the other number does. There are 6 Frank 1, 6 Frank 2, 6 Frank 3, etc all the way to about 6 Frank 12.

If anybody knows about this please e-mail me or post here.

Thanks,

John Thompson
jthompso@nermal.santarosa.edu

6914. Re: PRO 43 4SALE

Newsgroup: rec.radio.scanner
Date: 1994-12-15 22:05:26 UTC
From: WALLY@ukcc.uky.edu
Message-ID: <1708DF05AS86.WALLY@ukcc.uky.edu>
Source record: 263977

In article <3corgr$eu7@cascade.pnw.net>
glennh@pnw.net (Glenn Hansen) writes:

I claimed....

>: I beleive the PRO-43 was 2 9 LO? Not sure... I have a PRO-51..
>:
>: Which works on it.. Actually, BAND 2 9, wait, 2 9 LO, then it's set.
>
>Big mistake to say "scanners can receive....." Not all scanners are
>created equal. Very few are the same with different names. All seem to

I intended to say "most Radio Shack scanners...," but lost that idea of
covering my back.. :)

>have unique features and very few that I know of have test mode that you
>can enter through the keypad.

I have heard that all Uniden scanners (assumably recently produced ones)
contain 'test modes' accessable VIA keypad. And I have heard this is
not true as well.. From what I've seen it is true. That is, before
they took it out very recently to appease the rich congress who doesn't
want us listening to their chats.

>First you have to realize that Radio Slack doesn't manufacture the
>scanners it sells. I seem to recall that the 43 is made by a different
>group then the 51. Regardless, the Pro-43 cannot be put in a test mode by
>keypad combos like the 51. This comes from one who is considered by many
>as an expert, Bill Cheek.

Radio Shack makes very little of what they sell. :) But anyway, most
of their scanners are produced by Uniden, not sure who makes the remainder.
I know the PRO-43's of maybe up to a year ago could be put into this
test mode, I assume they had been that way from the start. IE: The
first ones could do it.

>Maybe people curse you because they wore off the keypad markings and the
>skin on their finger tips trying to get their Pro-43 to do something you
>said it would when it can't!

Herre is what I heard: "All" Uniden scanners could be put into the
test mode by holding L/O 2 and 9 while turning the scanner on. However,
this has been changed. As for the PRO-51, this changed to BAND 2 9, then
holding L/O 2 9 while the LCD test is going on. Who knows, maybe the
PRO-43 has something similar now, changed, but accessable?

As I admitted in e-mail to Bob Parnass, I soon realized I had made
a blanket statement.. It's so drab to qualify everything I say though,
production dates, etc.. But I suppose I could do a bit more when on
a popular subject such as this.. Sorry for the possibly wrong

--- _
Walter _ //
R ⊗X/ Wally@POP.CC.UKY.EDU Wally@UKCC.UKY.EDU
Francis Francis@UKPR.UKY.EDU Francis@MIK.UKY.EDU
statements claiming such abilities..

6915. Re: Reception of Pro-46

Newsgroup: rec.radio.scanner
Date: 1994-12-15 22:09:11 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3cqeq7$nc@floyd.santarosa.edu>
Source record: 264073

You must mean from 406Mhz... I have never had much trouble with my Pro-46 in
that area....

John.

x2rosea@freenet.edmonton.ab.ca wrote:
: I have recently bought a Pro-46 scanner and am quite pleased with
: it but it seems when scanning around 400Mhz I am picking up a bunch of
: noise from cellular phones which ovverride and block what I am trying to
: listen to. Is there a simple way to get rid of the unwanted noise with a
: different antenna or somthing.

: Thanks to anyone who could help

: Darryl Mortensen
: x2rosea@freenet.edmonton.ab.ca

6916. Re: Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-12-15 22:20:24 UTC
From: mulligan@ACM.ORG
Message-ID: <3cqff8$k3g@hopper.acm.org>
Source record: 264074

> Anyone have some times that the Pro-43 lasts during "normal" useage...
Typical NiCad life in a PRO-43 is 6 hours for 600mah batteries. A test using standard R.S. NiCads with: Scan mode, minimum squelch, minimum volume (i.e. receiving, but no audio out) produced a battery warning at 6h 4m and a dead radio 9m later. Maximum audio would reduce this by 1/3; battery saver mode could extend life to 24h on a quiet channel.

> ... might be easier to get new batteries ...
A second to Andy Domonkos' comment. Order a spare battery holder ($3.27) from National Parts, (800) 442-2425, and stock it with alkalines.

/* barry /&

6917. Re: Cordless Descrambled

Newsgroup: rec.radio.scanner
Date: 1994-12-15 23:16:03 UTC
From: n9315@pnet16.navy.mil
Message-ID: <D0vKMr.F36@nctams1.uucp>
Source record: 263975

The kit referred to by Ramsey is for Voice Inversion Scrambling, if I remember the catalog correctly.

As for using the DX-440, yes a CB would do the trick. RS sells a single channel CB walkie-talkie (ch 14), for pretty cheap. You could also check out your local pawn shops. The FM txer wouldn't do the trick any better than the cordless in the first place, since the cordless uses FM. Unless, the DX-440 can tune that freq, and not the 49 MHz freqs. (I don't know the specs on the DX-440.)

****
*Unless otherwise stated, expressed view are my own. They may not be the *
opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.
* *
*Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded) *
*ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil *
****

6918. Re: Some questions on scanner use, Pro-39

Newsgroup: rec.radio.scanner
Date: 1994-12-15 23:16:05 UTC
From: n9315@pnet16.navy.mil
Message-ID: <D0vKMt.F3x@nctams1.uucp>
Source record: 263976

It was imported in Dec 93, according to the way the codes were explained.
Yes, it's able to have cellphone freqs restored by removal of a diode.

However, you could listen to them through their images, in a range that
the scanner currently picks up.

```
**************************************************************************
*Unless otherwise stated, expressed view are my own. They may not be the *
*opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.*
* *
*Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded) *
*ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil *
**************************************************************************
```

6919. Re: Lynn MA. FD Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-12-15 23:25:38 UTC
From: smacken@aol.com
Message-ID: <3cqj9i$81j@newsbf01.news.aol.com>
Source record: 263983

To the best of my knowledge, SCANNER MASTER 5th ed.

Lynn is still using 154.415 for it's primary fire dispatch.

I am close enough to hear them and if I discover different, I will e-mail
you directly.

Steve M

6920. Re: Police jargon

Newsgroup: rec.radio.scanner
Date: 1994-12-15 23:27:34 UTC
From: mcw@metronet.com
Message-ID: <D0vL5z.Drv@metronet.com>
Source record: 263982

John Thompson (jthompso@nermal.santarosa.edu) wrote:
: Yea, I wanted to know something about cop talk... I do not quite fully
: understand the code names for the different officers. When a dispatcher
: says 6 Frank 3 10-21 Mr. Doe....etc.. What does 6 Frank 3 stand for? I
: know that Frank is like a day time officer (this probably varies according
: to location) but what does the 6 and the 3 stand for. The 6 never changes
: from officer to officer but the other number does. There are 6 Frank 1, 6
: Frank 2, 6 Frank 3, etc all the way to about 6 Frank 12.

From what Ive heard from my scanner, the "Frank", or Adam or Charlie is
the phonetic word for the first letter of said word. Much like on traffic
stops "Run a plate, Lincoln Sam X-Ray 6 1 9" I know that here in Dallas,
the dispatcher assigns call by beat number. For example if the dispatcher
call for "624" that would be for officer assigned to sector 6, beat 24.
There is also a 4 digit number for officers who are not on routine beat
patrol such as narcotics, vice, and youth division.

--
Mike Wommack mcw@metronet.com

6921. Re: Dipole for cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-12-16 00:06:37 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <3cqlmd$1mji@bigblue.oit.unc.edu>
Source record: 263978

In article <3ckd7m$sl4@theopolis.orl.mmc.com>,
James Carter <jcarter@orl.mmc.com> wrote:
>In article 1sh@vixen.cso.uiuc.edu, mraub@prairienet.org (Michael E. Raub) writes:
>/Can anyone tell me how long each leg of a dipole cut to recieve cordless
>/telephone frequencies (49MHz) should be. Should the dipole be mounted
>/vertically or horizontically, or does it make any difference?
>
>The calculation is 300/49=6.1 meters. I think a good 6 meter ham
>antenna would work for this. Be aware that most cordless phones
>"do not" xmit on the base antenna". The base antenna is used for
>receiving only. Most phones xmit through a xformer into the power
>line.

Excuse me??? You mean that nifty little extendable antenna on all those
base stations is only used for receiving the mobile? Then why when I push
it back into the base does my reception on the mobile drop to nothingness?
It's a full duplex system, with the base transmitting on the antenna at
46.61-46.97 MHz, and the mobiles transmitting on 49.67-49.99 MHz. The
mobiles transmit with a higher power, and are therefore able to be
received from a longer distance than the mobiles.

>
>Jim
>\/\/ * \/ _._. __._ /\/\/ | James A. Carter (Jim) | jcarter@orl.mmc.com |
> /|\ | Senior Software Engineer |_____________________________|
> /\|/\ K D 4 P O N | Martin Marietta | These views are my own |
> /\/|\/\ ORLANDO | Mail Point 138 | and not that of my |
> /\/\|/\/\ FLORIDA USA | 5600 Sand Lake Road | employer. |
>/\/\/|\/\/_____________| Orlando, FL 32819-8907 |___________73's_Jim ____|
>

Sherrod
(I love the hams, but still... my experiences have shown otherwise.)

--
-- --
Launchpad is an experimental internet BBS. The views of its users do not
necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
-- --

6922. HELP: BC2500XLT?

Newsgroup: rec.radio.scanner
Date: 1994-12-16 00:09:59 UTC
From: jeevan@coho.halcyon.com
Message-ID: <3cqlsn$8fd@news.halcyon.com>
Source record: 263991

I have been considering getting a BC2500XLT for some time now, and have finally gotten very near to purchasing one. I have heard that the BC3000XLT is going to replace the 2500 in a short period of time (start of '95?) and wonder if I should wait or just get the 2500 now. Is the 3000 going to be significantly better? cost sig. more? Thanks.

-Zeet

6923. Re: UNlisted Freq's?

Newsgroup: rec.radio.scanner
Date: 1994-12-16 00:22:37 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <3cqmkd$15lb@bigblue.oit.unc.edu>
Source record: 263986
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I might note that some time ago, a poster mentioned that in at least one case, the PD was using a frequency licensed to an individual police officer. That way, it doesn't show up on the public records as anything that would attract attention, unless you knew the names of all the cops in you area.

(Or maybe I heard this from the local PD...).

You could try my tactic: The "Bold-and-up-front" "Ask-'em" method. You'll usually get stonewalled over the phone, and they'll tell you that they aren't allowed to reveal that "classified" information, but that's usually baloney. Go get yourself a copy of the Freedom of Information Act off one of the ftp servers, and also a copy of the ECPA (we all know what that is, right? :)

The ECPA say's it's legal to monitor police comms (unless it would compromise the officer's safety in certain situations), and the FOIA says you can get government records with the same restrictions. (I'm omitting a _whole_ lot of other stipulations and ramifications, but that's the idea of them.) Check them yourselves before you try to start quoting tehm to the cops or anybody else so you son't sound too stupid if they challenge you (Shall I open my mouth here for my own foot? :)

Anyway, my local PD stonewalled me every time I called to ask about the repeater inputs, etc, secondary channels, etc. Tehn one day, after calling them and getting the usual, "go look in Radio Shcak" bit, I went on down to the station myself and walked up to the front window, asked to speak with someone who deals with the federal licences, and shortly found myslef asking a sargeant if I could "please see your FCC licences, since they are required by the FCC to be "prominantly posted" at the place of business, or available for public inspection."

He got this annoyed look on his face, said wait here (in the lobby), and went into the back, came out with the FCC licences a few minutes later, and spread them out on the benches there for me to peruse. I didn't ask him if he'd mind if I copied down a few of the frequencies: I knew I was already pushing it to see them at all. It helps if you have a photographic memory or can memorize quickly. Since I already knew from Rat shack and other bbs lists most of them, I only had to remember one or two until I said thanks, and walked outside, then promptly programmed them into my scanner.

As I said, they don't exactly like letting them be know to the public, but you might get lucky by pressing it with a little quoting of federal laws and policies on FCC licences. (Your mileage may vary)

Good luck, and I'd like to hear other's experiences on this idea.

Sherrod

--
-- --
Launchpad is an experimental internet BBS. The views of its users do not
necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
-- --

6924. Re: Wanted: PRO 43/modifiable

Newsgroup: rec.radio.scanner
Date: 1994-12-16 00:29:51 UTC
From: you@somehost.somedomain
Message-ID: <D0vo1r.3uv@zeno.fit.edu>
Source record: 263988

In article <14DEC199412375079@sigma.tamu.edu>, gad3131@sigma.tamu.edu (DANIEL, GILBERT AUBREY) says:
>
>I'm looking for a Pro 43 that is modifiable as a Christmas Present. I'm
>looking for one in good condition, with or without cell. mods performed.
>Email with offer.
>pro

Call around all of the Radio Shacks in your area and find a Pro 43 with a date code prior to "2A4" The 4 represents the year ie 199'4' while the leading digit represents the month of manufacture '2' indicating the 2nd month of the year. Another tipoff is that the serial number on the case does not contain an "A" in the serial number. Any Pro 43's built prior to the 2nd month of 1994 can be modified for full cellular.

A local radio shack in my area has one with a date code of "4A3" so I know they are available. I believe the Shack has a sale on them now and are offering them for $299.95

Good luck :-)

6925. Re: Police jargon

Newsgroup: rec.radio.scanner
Date: 1994-12-16 01:17:12 UTC
From: ad225@detroit.freenet.org
Message-ID: <3cqpqo$994@detroit.freenet.org>
Source record: 263984

Police jargon varies from department to department so when requesting clarification it's helpful to mention which department you're asking about.

Here in suburban Detroit, for example, departments passing information to one another over the inner city point-to-point system sometimes don't understand one another. The code for some of the departments for injury accident is a 205-5. Their neighbor uses 10-55. Another uses PI and still another PIA.

My suggestion: get rid of the stupid codes and use plain English!

--

Gary Baumgarten
ad225@detroit.freenet.org

6926. PRO-23 Mod for 800 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-12-16 01:54:20 UTC
From: csdfg@selway.umt.edu
Message-ID: <3cqs0c$qdu@selway.umt.edu>
Source record: 263985

Is there a mod for the cell-blocked Pro-23 that allows it to receive the cell bands by entering some test mode from some keyboard entries? Please E-mail replies as I don't often read this forum. Thanks in advance.
dfg

--
David F. Glass, KB7ZGX
csdfg@selway.umt.edu
P.O. Box 9034, Missoula, MT 59807
406-543-8485

6927. Re: pacific missles

Newsgroup: rec.radio.scanner
Date: 1994-12-16 02:52:28 UTC
From: rrk@glock.ramp.com
Message-ID: <3cqvdc$4tf@glock.ramp.com>
Source record: 263993
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Lyn R. Kennedy (lrk@netcom.com) wrote:
: Orion 1 & 2, Abnormal 20, and others were up last night on HF. Think these
: are pacific missle range stations. Mission scrubbed about 0745Z. Possibly
: 24 hour re-cycle. May be back tonite (Mon -> Tue) for another try. Heard
: on 6889, 5120, and 5733.

Abnormal is Vandenberg Air Force Base, California. Don't know who Orion
1 or 2 is. What you heard was missile tests with the launch site at
Vandenberg and the destination is Kwajalein Missle Range, Marshall Islands.
This is also known as the Western Test Range. These missile tests have
been going on since the 1950s. Each launch is typically an ICBM, the
missle travels approximately 5000 miles for a duration of 22 minutes.
In the mid 1970s, the military could hit a target at that distance plus
or minus 15 feet. Since each missle had a diameter of destruction of about
100 miles, this is dead nuts shootin in my book. I assume they've improved
a little since then. I know this because I worked on Kwajalein Island from
1975 to 1977.

Richard Kendrick CET WA7TWI

6928. Re: "K"

Newsgroup: rec.radio.scanner
Date: 1994-12-16 03:27:04 UTC
From: Howard Glassman <howkyle@delphi.com>
Message-ID: <Zw50ncl.howkyle@delphi.com>
Source record: 263989

SCAN911 <scan911@aol.com> writes:

>Regarding use of "K" in radio transmissions.....It's a New York City
>thing. Means you are done transmitting and awaiting a reply. Used to
>drive me nuts, but you always knew you were hearing New York City police,
>fire or EMS when you heard it!

Correct. Although it is not required to be used, it is part of the NYC radio culture. The fire department is the most common user of K, followed by the NYPD and by people like me on EMS radio. During the summers when I do EMS at a New York State Park, w
e get politely warned every summer not to use K.

Personally, I kind of like it. 10-4 K!

6929. Re: San Francisco, CA. Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-16 05:35:23 UTC
From: DVRobson@ix.netcom.com
Message-ID: <3cr8ur$fhc@ixnews2.ix.netcom.com>
Source record: 263992

In <tngoD0q7tF.K0z@netcom.com> tngo@netcom.com (Thomas Ngo) writes:

>
>
>Anyone have any interesting frequencies for the San Francisco, Bay
Area?
>
>Thanks,
>
>

Contact the Bay Area Scanning Enthusiasts (B.A.S.E.). They have a local
BBS and thousands of interesting frequencies. I think you can find them
by reading the FAQ on scanning.

Good Luck

David Robson
Danville CA

6930. So Is anyone going to create a AR8000 email list?

Newsgroup: rec.radio.scanner
Date: 1994-12-16 06:12:41 UTC
From: michael.ayotte@netcom.com
Message-ID: <michael.ayotte-1512942212410001@rsg-av.com>
Source record: 263994

So Is anyone going to create a AR8000 email list?

I heard that mentioned earlier, and I think its a great idea. What do
other AR8000 owners think. Anyone have access to a LISTSERV or MAJORDOMO?

--

Michael Ayotte Riverview Systems Group
michael.ayotte@netcom.com San Jose Hilton & Towers
michael.ayotte@rsg-av.com I speak only for myself
woodstoc@netcom.com IRC:woodstoc
ftp://ftp.netcom.com/pub/woodstoc/sanjose.hilton.html

6931. Re: Antenna identification

Newsgroup: rec.radio.scanner
Date: 1994-12-16 06:28:56 UTC
From: faunt@netcom8.netcom.com
Message-ID: <FAUNT.94Dec15222856@netcom8.netcom.com>
Source record: 263995
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

I got one of these, and found out which cellular system is which, but
also located some other interesting systems, and some problems with
certain licenses.
It's pretty entertaining.
73, doug

6932. Re: PRO 43 4SALE

Newsgroup: rec.radio.scanner
Date: 1994-12-16 06:34:03 UTC
From: glennh@pnw.net
Message-ID: <3crccr$ja2@cascade.pnw.net>
Source record: 263996

Walter R Francis (WALLY@ukcc.uky.edu) wrote:
:
: Radio Shack makes very little of what they sell. :) But anyway, most
: of their scanners are produced by Uniden, not sure who makes the remainder.
: I know the PRO-43's of maybe up to a year ago could be put into this
: test mode, I assume they had been that way from the start. IE: The
: first ones could do it.
:

No, the 43 never could do it. It isn't , wasn't and never has been made
with the ability to go into test mode from the keyboard. My Pro-43 is of
the original cell-mod-able variety. I would love to be wrong on this
issue but as with my rotten luck I am right again!! :-)

: >Maybe people curse you because they wore off the keypad markings and the
: >skin on their finger tips trying to get their Pro-43 to do something you
: >said it would when it can't!
:
: Herre is what I heard: "All" Uniden scanners could be put into the
: test mode by holding L/O 2 and 9 while turning the scanner on. However,
: this has been changed. As for the PRO-51, this changed to BAND 2 9, then
: holding L/O 2 9 while the LCD test is going on. Who knows, maybe the
: PRO-43 has something similar now, changed, but accessable?

Wish it were so but it isn't. I recall somebody posted the Pro-43 is a
GRE radio.

: As I admitted in e-mail to Bob Parnass, I soon realized I had made
: a blanket statement.. It's so drab to qualify everything I say though,
: production dates, etc.. But I suppose I could do a bit more when on
: a popular subject such as this.. Sorry for the possibly wrong

With all the information that passes by on the info highway (sic) it
can be difficult at times to remember whos on first. As I stated above I
wish it were true cause I am too lazy and too poor of vision to dig into
the 43 and liberate cellular. If I didn't already have the ability with
other rigs I probablt would though.

73
--
Glenn Hansen - KB7PKC
<glennh@pnw.net>
Tacoma, Wa

6933. Re: pro-2006 tips

Newsgroup: rec.radio.scanner
Date: 1994-12-16 07:09:08 UTC
From: vyankey@delphi.com
Message-ID: <ZczW3AE.vyankey@delphi.com>
Source record: 263997

I haven't seen any mention of keyboard activated mods in the service manual.

Have you tried to get the service manual?

Vince Yankey
N7YVL
n7yvl@n7uoj.wy.usa.noam: Packet Radio
vyankey@delphi.com: Internet
vince yankey@1/303:3: Fidonet

6934. Savannah, GA Freq's

Newsgroup: rec.radio.scanner
Date: 1994-12-16 07:20:04 UTC
From: gmm6797@aol.com
Message-ID: <3crf34$foh@newsbf01.news.aol.com>
Source record: 263998

Is anyone from the Savannah Area that my be interested in swaping frequencies and scanning information?

Please E-Mail me at gmm6797@aol.com

Thanks

Greg

6935. Two Mobile Antennas To One Receiver?

Newsgroup: rec.radio.scanner
Date: 1994-12-16 07:23:55 UTC
From: boothc@kenyon.edu
Message-ID: <1994Dec16.022355.8500@kcvax1>
Source record: 264001
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I've got r-s mag mount scanner antenna on my car right now and it seems to work well for just about everything except 800mhz (trunked services). Would adding an r-s mag mount cellular antenna (either the five inch rubber coated one or the larger traditional cell looking one with coil) make an improvement? It says it has a 3db gain. I ultimately would like to connect the two using a bnc T, a bnc to pl 259(?) for the all band, and a tnc to bnc for the cell antenna (and possibly a right angle adaptor so I can manipulate the controls on top of my pro-43).

* Would all these connectors (to a pro 43) produce significant loss?
* Can two antennas - 1 all band and 1 cell be used effectively at once?
* Regardless, which r-s cell antenna would work best the 5-inch rubber covered mag or the traditional looking mag (10 inches approx w/coil), both are advertised at 3db gain.

Carter

--
Carter G. Booth
boothc@kenyon.edu

6936. Hello, New to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-12-16 08:05:50 UTC
From: willybg@primenet.com
Message-ID: <willybg.1.009629B5@primenet.com>
Source record: 263999

Hello Everyone I am new to the internet and scanning. I have a uniden, bearcat, portable scanner. It is capable of receiving the band of 806 to 956. The paperwork included with the scanner indicated that it was not capable of recieving cellular calls, however it appears to receive these calls. Is it possible??

Additionally, I have programmed in most of the local police departments; however, the manual indicated that the best use would be to listen to ongoing sporting events. What sort of information could I possibly pick up at a sporting event? I live in AZ and the Phoenix Open is coming in a month, could I use the scanner to pick up some neat and nifty info? If so, how might I go about this?

Thanks a bunch for your help
Willy B. Goode

6937. Javiation

Newsgroup: rec.radio.scanner
Date: 1994-12-16 08:24:37 UTC
From: dfleming@earth.execpc.com
Message-ID: <3cris5$pgd@homer.alpha.net>
Source record: 264000

I know I've seen the info here before but I've just now decided to purchase the aor8000. Could someone give me info about ordering from Javiation or other places? Is the European version the same other than the unblocked cell. freqs? What options should I get?

Any other info will be appreciated.....thanks.

dan@vaxa.clarion.edu

6938. Re: San Francisco, CA. Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-16 08:58:11 UTC
From: michael.ayotte@netcom.com
Message-ID: <michael.ayotte-1612940058110001@rsg-av.com>
Source record: 264002

In article <3cr8ur$fhc@ixnews2.ix.netcom.com>, DVRobson@ix.netcom.com
(David Robson) wrote:

>In <tngoD0q7tF.K0z@netcom.com> tngo@netcom.com (Thomas Ngo) writes:
>
>>
>>
>>Anyone have any interesting frequencies for the San Francisco, Bay
>Area?
>>
>>Thanks,
>>
>>
>
>Contact the Bay Area Scanning Enthusiasts (B.A.S.E.). They have a local
>BBS and thousands of interesting frequencies. I think you can find them
>by reading the FAQ on scanning.
>
>Good Luck
>
>David Robson
>Danville CA

Do you have a phone number?

--

Michael Ayotte Riverview Systems Group
michael.ayotte@netcom.com San Jose Hilton & Towers
michael.ayotte@rsg-av.com I speak only for myself
woodstoc@netcom.com IRC:woodstoc
ftp://ftp.netcom.com/pub/woodstoc/sanjose.hilton.html

6939. Re: Canadian Regulation

Newsgroup: rec.radio.scanner
Date: 1994-12-16 10:46:02 UTC
From: Jason.Low@revenge.cambo.cuug.ab.ca
Message-ID: <89d_9412161602@cambo.cuug.ab.ca>
Source record: 264017

In article <3co2nn$dhe@nnrp.ucs.ubc.ca> dwatt@unixg.ubc.ca
(David Watt) writes:

dw> That's news to me. Which provinces prohibit the mobile use of
dw> scanners?

I believe I heard that Manitoba is one of them. I know Alberta isn't one; I
have a somewhat noticeable antenna mounted on the roof of my car and nobody
hassles me one bit about it..

jason low derran@revenge.cambo.cuug.ab.ca
REMR - PumpA - Part 1 2 3 4 - Driver - V-X Tech - Trench Tech - General Peon

___ Blue Wave/QWK v2.12
--
|Metronet: Jason Low 201:5500/2722
|Internet: Jason.Low@revenge.cambo.cuug.ab.ca
|
| Via Operation Sundevil, Internet Gateway. Calgary Alberta Canada.

6940. Re: Scanner WWW page?

Newsgroup: rec.radio.scanner
Date: 1994-12-16 12:03:19 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3crvm7$2g0@nntp.crl.com>
Source record: 264003

tharrell@nmsu.edu (Thomas J. Harrell) wrote:
>
> Harold G Peach Jr (hpeach@pop.uky.edu) wrote:
> : >
> : > IS there a WWW page dedicated to scanners?
> : >
>
> : Paul Nash has a pretty nice WWW page at:
> : http://dice.dac.neu.edu:80/Homepages/paul/freqs/
>
> I'm working on one right now - it's small but growing, and it's
> got a pointer to Paul's page, too. Mine's at:
> http://rever.nmsu.edu/~weasel

Is this URL correct? I get unable to locate host error message.

> I'm a Lynx user, so you non-Mosaic users out there don't have to feel
> like you're missing all sorts of neat graphics (which end up screwing
> with the non-graphic formatting).
> --

But I like the graphics on the WEB ! <grin>

6941. ********** BC855XLTt Mod******

Newsgroup: rec.radio.scanner
Date: 1994-12-16 12:06:54 UTC
From: an134123@anon.penet.fi
Message-ID: <121320Z16121994@anon.penet.fi>
Source record: 264004

```
> UNIDEN BC-855XLT MODIFICATIONS
> Scope of modifications:
> [1] Allow continuous 800 MHz receive.
> [2] Increase channel capacity from 50 to 100 ch.
> 1 2 3 4
> :----------------------------------------:
> | I p p p p o o o o o o |
> :----------| I | | | | |
> | [I] | | X X <-- CUT |
> | [I] D201 | | | | |
> | [I] oooooo | | | | |
> | I d d d d |
> | I------/\/\/\--------|--| |
> | | |
> | ADD 4.7K - 22K Ohm (10K works) |
> | 1/4 watt carbon resistor between |
> | diode D201 and lower connection |
> | of Jumpers 3 & 4 |
> | Jumper 3 - 100 ch. Jumper 4 - 800 MHz |
> |-------------------------------------------------|
> 1. Remove 5 screws from bottom of scanner case.
> 2. Carefully separate case top and bottom.
> 3. Unplug connector to the internal speaker.
> 4. Locate diode D201 and 4 jumpers near edge of circuit board.
> 5. Cut the 3rd and 4th jumpers near the middle and fold
> downwulate leads, if necessary.
> 6. Connect the lower part of jumper 3 & 4 to one end of a 10K
> Ohm 1/4 watt carbon resistor, insulate all exposed leads.
> 7. Connect the other resistor lead to the lower connection of
> diode D201, DO NOT cut any leads on D201.
> 8. Make sure all exposed leads aren't touching any other
> connections, insulate as required, tack in place
> with a dab of RTV silicone, or low temp hot glue.
> 9. Reassemble scanner, make sure to plug the speaker back in.
> You should now have a scanner with 100 chs. numbered 01-00 s
> in 5 banks of 20 ch. and continuous 800 MHz coverage.
>
> ** This information for educational and lawful use ONLY **
>
> USE ONLY AT YOUR OWN RISK! Neither the author nor the poster of this instruction file
claims any responsibility towards damage to equipment.
>
> NOTE: This mod is for _older_ models of this scanner!!! The reported new boa
> rd _will be destroyed_ if this modification is used.....
```

>

John L. Wilkerson Jr. jwilkers@freenet.columbus.oh.us

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

6942. AR8000 i.f.

Newsgroup: rec.radio.scanner
Date: 1994-12-16 12:07:00 UTC
From: paul.britton@satcom.mhs.oz.au
Message-ID: <332.403.120@satcom.mhs.oz.au>
Source record: 264005

Hi Jim

I'm working on the If problem at the moment and will let you know when I find out...

Paul

Internet: paul.britton@satcom.mhs.oz.au (Paul Britton)
Fidonet : 3:714/905
Satcom Australia Space, Satellite & Radio BBS
Sydney Australia 612-9050849 28.8k
612-9057694 28.8k

6943. Re: Inmarsat

Newsgroup: rec.radio.scanner
Date: 1994-12-16 12:12:00 UTC
From: paul.britton@satcom.mhs.oz.au
Message-ID: <332.404.120@satcom.mhs.oz.au>
Source record: 264006

Hi Daryl

Can you give me a bit more information on the feed horn and LNB/LNA you are using. I have a few ICR 100's and a R7000 but was going to build a coffee can feed from the Monitoring Times article, but the photo copy I have did not come out clear enough.

Paul

Internet: paul.britton@satcom.mhs.oz.au (Paul Britton)
Fidonet : 3:714/905
Satcom Australia Space, Satellite & Radio BBS
Sydney Australia 612-9050849 28.8k
612-9057694 28.8k

6944. Re: Police jargon

Newsgroup: rec.radio.scanner
Date: 1994-12-16 13:37:47 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.53.000DA199@ccm.hf.intel.com>
Source record: 264024

In article <3cqei3$nc@floyd.santarosa.edu> jthompso@nermal.santarosa.edu (John Thompson) writes:

>Yea, I wanted to know something about cop talk... I do not quite fully
>understand the code names for the different officers. When a dispatcher
>says 6 Frank 3 10-21 Mr. Doe....etc.. What does 6 Frank 3 stand for? I
>know that Frank is like a day time officer (this probably varies according
>to location) but what does the 6 and the 3 stand for. The 6 never changes
>from officer to officer but the other number does. There are 6 Frank 1, 6
>Frank 2, 6 Frank 3, etc all the way to about 6 Frank 12.

If your area is anything like San Jose:
6 Frank 3
6= shift (5-day, 6-swing, 7-graveyard)
Frank= District or main area
3 = beat within the district

10 codes vary from place to place but Monitor America or Police Call are good sources. (ask a local cop for a copy of the codes if you know one)

They also use codes like 459, or 415 which are taken directly from the state Penal code. (459=burglery, 415 disturbing the peace...I think)

You may also find the Fire dept has its own codes also. In San Jose they used 9xx codes for fires.

You may also hear codes like 11-3 which is for drug related calls since the Health an Welfare code book has drug violations under section 113xx.

Hope that gets you started.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

6945. Re: UNlisted Freq's?

Newsgroup: rec.radio.scanner
Date: 1994-12-16 13:43:44 UTC
From: domonkos@access.digex.net
Message-ID: <rJQykiubG-KV066yn@access.digex.net>
Source record: 264010
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3cqmkd$15lb@bigblue.oit.unc.edu>, Sherrod Munday wrote:
>
> I might note that some time ago, a poster mentioned that in at least one
> case, the PD was using a frequency licensed to an individual police
> officer. That way, it doesn't show up on the public records as anything
> that would attract attention, unless you knew the names of all the cops in
> you area.
>
> (Or maybe I heard this from the local PD...).
>
> You could try my tactic: The "Bold-and-up-front" "Ask-'em" method.
> You'll usually get stonewalled over the phone, and they'll tell you that
> they aren't allowed to reveal that "classified" information, but that's
> usually baloney. Go get yourself a copy of the Freedom of Information Act
> off one of the ftp servers, and also a copy of the ECPA (we all know what
> that is, right? :)
>
> The ECPA say's it's legal to monitor police comms (unless it would
> compromise the officer's safety in certain situations), and the FOIA says
> you can get government records with the same restrictions. (I'm omitting
> a _whole_ lot of other stipulations and ramifications, but that's the
> idea of them.) Check them yourselves before you try to start quoting tehm
> to the cops or anybody else so you son't sound too stupid if they
> challenge you (Shall I open my mouth here for my own foot? :)
>

.....snip

>
> Good luck, and I'd like to hear other's experiences on this idea.
>
> Sherrod
>

All frequency allocations licensed by the FCC are available in any of the
current data bases on the market (ie; no hidden freq's)

Andy

6946. Buying a Used Scanner Radio

Newsgroup: rec.radio.scanner
Date: 1994-12-16 13:46:03 UTC
From: parnass@ihlpf.att.com
Message-ID: <D0wowr.660@nntpa.cb.att.com>
Source record: 264013
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

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last changed December 16, 1994 |

BUYING A USED SCANNER RADIO

by Bob Parnass, AJ9S

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Anybody with enough money can buy a brand new scanner, but you can save lots of money if you get a good deal on a used scanner. Hamfests are probably the best place to find used radios, but you must be familiar with the equipment. Hamfests are repleat with older radios you won't see in today's catalogs.

At last count, there were over 70 scanners and monitor receivers of various brands in my collection. I purchase most of my receivers at hamfests or horsetrade with other radio hobbyists. This article describes a few of the FM receivers in my collection, and is not meant to be complete.

A Used Scanner May be a Broken Scanner

Getting a bargain is not without some risk. I have had sellers look me square in the eye and tell me their radio worked fine -- when it really didn't.

Buying a used portable scanner is riskier than buying a mobile or base model. Portable scanners are subject to more physical abuse and many have been dropped. If a radio has been dropped, the laws of probability dictate that the first point of impact was probably a corner, so be sure to examine each corner for evidence of trauma.

Scanners used in mobile service are subject to vibration, dust, and temperature extremes. This shouldn't dissuade you from buying a used mobile scanner, but be aware of possible complications.

You should have some recourse if the radio you buy turns out to be defective.

If you can't fix the radio yourself, you can pay to have the manufacturer or a service clinic repair it for you. Several people have been pleased with Electronic Repair Center, in Franklin Park, IL, which repairs scanners for a flat fee. Call them at (708)455-5105 to find out their current rates. G & G Communications (telephone 716-768-8151) is another scanner repair company. This family owned company repairs scanners and stocks parts for several older models. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Evolution of the Scanner

It helps to understand some scanner history before shopping for a used scanner. You will likely see radios from many vintages at a hamfest, and should avoid buying early units unless you are a scanner collector.

One of the earliest ancestors to the scanner was the converter. Manufactured by Tompkins (Tuneaverter), Petersen, Bearcat (Lil Tiger), Midland, and others, converters were made to operate in conjunction with AM radios. Then came wide band monitor receivers, in both tunable and crystal control models, like the Radio Shack PRO-2B. Truthfully, converters and tuneable FM receivers are interesting but don't work well by today's standards.

While tuneable receivers were in vogue, solid state technologies supplanted tubes. Better performing, narrow band crystal controlled units, like the Sonar FR-105, followed. These units did not scan, rather channel selection was accomplished using a simple rotary switch. Sonar even made a 24 channel unit, model FR-2513, in which crystals were held in a rotary "turret."

The earliest scanners, like the 1968 vintage Bearcat BCH, BCL, and BCU models, did not provide individual channel lockout capability. Electra didn't use the term "scanner" and instead called these innovative radios "business receivers." Other models, like the SBE Sentinel, employed a "Channel 1 Bypass" switch so a user could lockout channel 1.

The first scanners came in single band models, followed by multiband models. As two-way radio users started to populate the 450 - 470 MHz band, consumers were forced to pay a premium for UHF scanner coverage. Some multiband scanners, like the Electra's Bearcat III, required an optional circuit board for each band.

There were scanner mutations, designs which never evolved -- odd combinations of AM broadcast receivers with VHF-FM receive capability, like the flamboyant turquoise Sonar

Sentry FR-103 portables, Electra's Jolly Roger, and GE's Surveyor series. Lafayette Radio Electronics offered a few CB transceivers with VHF receiver capability. These poor performers didn't interest consumers of that era and you should avoid these models unless you are a scanner collector.

The first programmable (crystal-less) scanners were difficult to program. Users had to look up frequencies in a code book and tediously program the information into the scanner in binary form. Some models, like the Bearcat BC-101, Radio Shack COMP 100, and Tennelec MCP-1, resembled Altair or PDP-8 computers, with a row of 16 or so toggle switches. Instead of toggle switches, the Regency WHAMO-10 was programmed by breaking teeth from metal combs. The SBE Optiscan (and its Sears clone) required poking a series of holes in plastic cards which were then inserted into a slot on the front panel.

Keyboard Programmable Scanners

Both Bearcat and Regency, as well as Radio Shack offer some good models. I would avoid the Bearcat 100, and scanners made by AOR, JIL, Fox, Tennelec, and Robyn.

Scanner features often differ not only by model but by manufacturer. For instance, most Radio Shack and Bearcat programmables allow enable/disable of the delay function on a per-channel basis. Older Regency units permit the delay to be enabled/disabled only globally, that is, for all the channels at one time.

Radio Shack scanners contain a reasonable number of features. All the older Radio Shack scanners were made by General Research Electronics (GRE). Uniden began making scanner models for Radio Shack in the late 1980s, and now supplies about half the Radio Shack scanners. The older GRE-made models scan a bit slowly and have a higher level of synthesizer noise. Most have too much hysteresis in the operation of the squelch control, but this can be fixed completely by replacing one resistor. Good, detailed shop manuals are available for Radio Shack units for $5 - $12.

In the name of cost cutting, some models have done away with the concept of a "channel bank", i.e. the ability to select/deselect a group of channels at a time. The bank concept was a good one. It may be inconvenient to operate a 30 channel scanner without banks (e.g. Regency MX3000, HX1000) if you operate the way many scanner hobbyists do.

If you want to buy an American-made scanner, you will have to buy an old model. A few years ago, the Regency and

Bearcat scanner lines were purchased by Uniden, a Japanese company, and production was moved to Asia.

My favorite VHF/UHF receivers are the 300 channel Radio Shack PRO-2004, the newer 400 channel PRO-2005 and PRO-2006, and the ICOM R7000 and R7100. The ICOM models are more "communications receiver" than a conventional scanner.

Other favorites include the Bearcat 300 and 760XLT, Regency M400, and the Regency K500 (predates the M400), all of which include a "service search" feature.

For portable use, I prefer the Radio Shack PRO-43 and Uniden/Bearcat 200XLT.

Obtaining Crystals

If you do purchase a crystal controlled scanner or monitor receiver, you will probably want to buy more crystals to cover local frequencies.

Scanner crystals may be ordered from your local Radio Shack store or from one of the companies below. Be sure to specify the operating frequency you want and the brand and model of scanner.

Some companies may ask you to send a schematic of the scanner or require more detailed information, like series or parallel resonance, load capacitance, etc.

American Crystal Co.
1623 Central Ave.
Kansas City, KS 66102
tel. 913-342-5493

Bomar Crystal Company
201 Blackford Ave.
Middlesex, NJ 08846
tel. 908-356-7787

Cal Crystal Lab Inc.
1142 N. Gilbert St.
Anaheim, CA 92801
tel. 714-991-1580

International Crystal Mfg Co.
11 N. Lee Ave
Oklahoma City, OK 73102
tel. 405-236-3741

Jan Crystals
Box #-6017
Fort Myers, FL 33911
tel. 813-936-2397

Monitor Crystal Svc
124 W Walnut St Watseka, IL 60970
tel. 815-432-5296

ICOM

R-7000: At about $1000, this was once the top VHF/UHF receiver. 99 channel, multi mode coverage from 25-2000 MHz with a small gap at 1000-1025 MHz. Memory can be expanded to 198 channels by adding simple switch to pin 19 of memory IC8. Tuning knob lets you tune through parts of the spectrum much easier than using the SEARCH mode on conventional scanners. Selectable USB/LSB allows reception of new amplitude compandored sideband (ACSB) stations. S-meter doubles as discriminator meter to aid tuning. Useful search and store feature, reminiscent of the the Bearcat 250, searches between 2 limits and automatically stores new frequencies into channels 80-99. Audio and control interface for tape recorder. Noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Searches and scans slowly but can be sped up to about 12 cps by adding a resistor. Too big for permanent mobile use, but too nice to leave alone in the car. If you don't want to spend $1000, get a Radio Shack PRO-2004/5/6 instead.

R-7100: At about $1300, this is the Cadillac of VHF/UHF receivers. 900 channel, multi mode continuous coverage from 25-2000 MHz. The radio RF/IF/AF portions of the R7100 are similar to the older R7000, but the R7100 is constructed using surface mount parts. Both the R7000 and R7100 are much more immune to intermod than the Uniden/Bearcat 760XLT and the portable PRO-43. The firmware in the R7100 is much more sophisticated. 9 banks of 100 channels. Further, you can associate each channel with 1 of 10 groups. Many possible ways to scan. 10 pairs of search limits. Search and store ("memory write") scan mode lets you store 100 frequencies instead of the 20 in R7000. Another R7100 improvement is that you can program up to 100 channels for the R7100 to skip while searching. R7100 has 2 VFOs ("windows"). Both the R7000 and R7100 scan slowly compared with PRO-2004 and PRO-2006, and that's a drawback. Both the R7100 and R7000 employ a noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Scanning a mixture of VHF and UHF frequencies serenades the Icom user with a very annoying clickety-clack, clickety-clack!

UNIDEN/Bearcat and Electra/Bearcat

Bearcat III (Electra): 8 channel crystal controlled scanner. Requires optional front-end circuit board for VHF-low, VHF-high, and UHF bands, but only 2 boards can be

installed within the radio at the same time. Two crystal filters. No aircraft band coverage nor rescan delay. Front mount speaker sounds good. Strong local oscillator radiation often causes interference with other scanners in the same house.

Bearcat IV (Electra): 8 channel crystal controlled scanner. Newer version of Bearcat III but has better IF filtering and contains front-end circuitry for VHF-low, VHF-high, and UHF bands. No aircraft band coverage. Three crystal filters. Front mount speaker sounds good. No rescan delay.

Bearcat 12 (Electra): One of the last decent crystal controlled scanners. 10 channels. Variable scan speed up to 20 ch/sec. Single delay on/off switch. Front mount speaker sounds good. Manual contains schematic. Selectivity is poorer than programmable models, like the 300, allowing adjacent channel interference. Covers VHF-low, VHF-high, and UHF bands but no aircraft band coverage. Crystal positions must be arranged by band.

BC101 (Electra): First Bearcat synthesized unit. 16 channels, no priority. Frequency programmed in binary by setting toggle switches on front panel after looking up code in code book. No frequency readout. Uses custom IC for CPU, now discontinued, so factory authorized service is no longer available. I have four of these units. DC operation requires optional mobile power supply.

BC100 (Electra): First programmable portable scanner. Be prepared for at least one repair in the first year. Early units, with threaded antenna connector, have high frequency of repair, particularly LCD readout, keyboard, and battery holder. No battery backup. Poor case design in early units caused battery to disconnect from radio, resetting microprocessor and clearing memories. No priority channel or aircraft band. Some people swear by the BC100, others swear at them.

BC220 (Electra): 20 channels. Reasonable number of features but 20 channels doesn't seem enough. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC20/20 (Electra): A BC220 but with 40 channels. A maximum of 20 channels can be scanned at one time. Reasonable number of features. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC250 (Electra): 50 channel model, rich in features, but lacks aircraft band and 144-146 MHz. Search and Store

feature extremely useful for finding federal frequencies. Clock. High frequency of repair. Power transistors not heat sinked adequately, causing heat damage to surrounding components and circuit board. Failure of Q204 on the feature board known to cause odd display readings. Digital circuitry very sensitive to glitches caused by static and AC line spikes. Avoid 1978 or earlier vintage units. All BC250s use custom ICs (e.g., IC6, a divider chip, mfd. by Exar), which are now discontinued, so factory service is no longer available from Uniden.

BC260 (Electra): Super heavy duty metal cabinetry and lit controls, aimed at mobile use for firemen, police, etc. Few frills, only 16 channels, no aircraft, but generous coverage of federal bands omitted in the older Bearcat scanners. Good sensitivity. Lots of audio. Good internal construction. Backlit keyboard allows operation in the dark, but the keyboards on some units require high pressure to operate. Brightness control for display and keyboard, but multiplexor circuitry for vacuum fluorescent display produces audible whine which may be annoying in a quiet room. Backlighting may fail in some units due to poor contact on connector used to fasten light panel to front circuit board. 9 volt regulator transistor Q28 (TIP29) may fail, causing blank display while leaving audio intact. Method of connecting an external speaker is awkward.

BC300 (Electra): 50 channel top of the line scanner. Service Search feature contains 11 ROM banks of preprogrammed channels. Switching power supply failure noted in early units due to insufficient capacitance - component value was changed in newer units. Schematics show at least 100 components changed between earliest and later units. Preset squelch pot, mounted internally on circuit board, misadjusted in new units - adjustment usually required after burn-in period. Good sensitivity. Built in clock. I leave it on 24 hours a day. This is a favorite.

BC350 (Electra): 50 channels in 5 banks. Includes aircraft. Used to be Bearcat's top of the line, overpriced scanner but never very popular. Dual use keyboard and display allowed 8 text characters to be associated with each channel, a feature clumsily implemented, and awkward to use. Units plagued with various hardware problems including bad memory ICs and short life power transformers. Firmware bugs without cures. The BC300 is a much better scanner than the BC350, and at a lower price.

800XLT (Uniden): 40 channels in two banks. Covers 806-912 MHz, as well as of vhf, uhf, and aircraft bands. Receives

10 meter fm and all of 6 meters, as well as federal portions of vhf and uhf bands. Fewer birdies on vhf-lo band than other scanners. Scans and searches very fast. Clean, robust audio output. Extremely sensitive, but very prone to overload by strong signals when connected to outdoor antenna. Too much play (hysteresis) in squelch adjustment - can be improved by changing one resistor. Positive terminal in memory backup battery holder installed backwards in early units, allowing memory loss when scanner unplugged from AC outlet. Tunes in increments of 12.5 KHz on 800 MHz band, whereas cellular telephones are on 30 KHz channels.

BC100XLT (Uniden): Excellent 100 channel portable with 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Generous coverage of conventional bands, including commercial aircraft, but no 800 MHz. Decent leather-like case. Slide-on 550 mAH NiCd battery pack.

BC200XLT (Uniden): Excellent 200 channel version of BC100XLT portable scanner but includes 800 MHz band. 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Decent leather-like case. Slide-on NiCd battery pack.

Regency

TMR series: First generation crystal scanners. Come in all varieties of band coverage. Models with both UHF and VHF bands must use separate antennas for each band (disadvantage in mobile installations, but can be overcome by connecting two front ends via a capacitor). Not sensitive enough to cover the entire 30 - 50 MHz range in a single model. There three versions of VHF-low band coverage depending on the part of the 30 - 50 MHz band covered (LL, LM. and LH). TMR scanners use unsocketed incandescent bulbs for channel indicators which require periodic replacement. Easy to crystal: Radio Shack crystals work well. TMRs usually $2 and up at hamfests, often in poor condition. Don't pay more than $50, even if mint. Front ends must be tuned for selected portions within the bands for best sensitivity. Wide IF selectivity troublesome in urban/suburban areas. Primitive digital scanning circuitry may become confused at times. but power off/on restores sanity. Replace aging capacitors in the scanning circuits. You can find a TMR8H eight channel high band unit most often.

TME series: The base versions of the TMR models. Both the TME and TMR models share many common circuits but the base versions contain speakers mounted on the front panel. The

most common TME model is the TME8 H/LM eight channel dual band scanner in a metal cabinet with wood coloring.

ACTR series: Replaced the Regency TMR units. By the time Regency made the ACTR units, they no longer offered different models for different parts of the 30 - 50 MHz band. Look for the later ACT series, e.g., ACTR-106 (10 channel tri band) or ACTR20/6 (20 channel tri band), used light emitting diodes for channel indicators instead of incandescent bulbs. Available in 1 to 20 channel models - most are multi band receivers. Somewhat wide selectivity. Not all that bad a deal if cheap.

ACTE series: The base versions of the ACTR series. The ACTE and ACTR circuitry is similar, although the base versions contain speakers mounted on the front panel. The most common ACTE model is the ACTE8 H/L eight channel dual band scanner in a black metal cabinet.

WHAMO-10: Regency's first synthesized scanner. Appearance more like a crystal scanner, with a single LED per channel. User has to break off teeth on a metal 'comb' for each channel according to a code book. External frequency control unit DFS-5K optional. UHF VCO reference oscillator drifts on some units. Soldered sheet metal shields around some circuitry make access to some components difficult for servicing. Comb sockets prone to bad connections after moderate use. Not recommended due to maintenance difficulties.

K500: Nice wood-like cabinet. 40 channel model with every feature Regency could dream of in one scanner, except aircraft band. Idle tone bypass feature for mobile phone stations works about 50% of the time. Weather alert feature. Service Search in several banks. Search and Store facility not implemented as well as BC250, but better than none. Built in clock when radio off or in manual mode. Can be programmed out of band. Reasonable performance, but sensitivity could be better. Spring contacts on membrane keyboard may need soldering after prolonged use.

K100: Bare bones version of the K500. 10 channels, no priority feature. Same wood-like cabinet and reasonable performance as K500. Spring contacts on membrane keyboard may need soldering after prolonged use.

M400: 30 channel replacement for K500. Service Search, but no aircraft. Easily programmable out of band. Built in clock when radio off or in manual mode. Backlit keyboard good for night viewing and mobile use but generates RFI into nearby SW receivers. A favorite.

MX3000: 30 channel replacement for M400, but basic features only. Nice lit keyboard, but may cause RFI into nearby SW receivers. Easily programmable out of band, but no aircraft. All 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Good first scanner.

M100: 10 channel unit. Same as MX3000 except different color and fewer channels. Nicely lit keyboard, but may cause RFI into nearby SW receivers.

HX1000: Good, fairly rugged, 30 channel handheld synthesized unit. Generous out of band coverage but no AM aircraft coverage. Built by Azden. Very sensitive on UHF, but annoying audio hiss leaks through speaker when squelched. Belt clip chintzy, but can be directly replaced with better clip from Kenwood TR2600A. Like the MX3000, all 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Low discount price makes this best choice for programmable portable.

HX650/H604: 6 channel crystal portable. Likely made by Sanyo. Same as Fannon and Bearcat Thin Scan units, (except that Bearcat has 10.8 MHz IF frequency, and is harder to get crystals for), but scans faster. Small size and common crystals (available at Radio Shack), make this 1st choice for bare bones portable scanner.

Radio Shack

PRO2004: Top of the line, wide band scanner for 1987. After a diode is cut, enjoy continuous coverage from 25-520 and 760-1300 MHz, AM, NBFM, and WBFM. Has 300 channels in 10 banks of 30, backed up by conventional 9 volt alkaline battery. Any channel can be designated the priority channel. Scans and searches fast. Lots of well designed features, like 10 pairs of search limits, Lockout Review, default search increment and emission mode. Sound Squelch allows skipping dead carriers during search or scan. Metal cabinet, good internal construction and shielding, but no mobile mounting bracket or DC power cord. Soft touch membrane keyboard. Good sensitivity and selectivity. Very good radio.

PRO2005: Radio Shack's top of the line scanner for 1989 and scanner of choice. Essentially a size reduced PRO-2004 with surface mount components and 400 channels. Some people think the small knobs, smaller display, and plastic cabinet are a setback from the 2004. The smaller size, real rubber keyboard, and vertical front panel make it easer to use mobile, although there is no mobile mounting bracket available and the keyboard is not backlit. More

sensitive than the PRO-2004 but 800 MHz signals leak through into the commercial aero band. Highly recommended.

PRO2006: Radio Shack's 1994 top of the line scanner. Essentially the same as PRO-2005 but scans faster. Probably the best scanner made to date. Highly recommended.

PRO34: Portable scanner with 200 channels and 800 MHz coverage. Ten "monitor" channels. Operates from AA cells. Slow scanning, low audio output, and chintzy plastic case detract from an otherwise good performance. No decent leather case available from Radio Shack. If you need a portable with 800 MHz, get a Bearcat 200XLT. If you can't get a 200XLT, get a PRO-34.

PRO2021: Base/mobile scanner. 200 channels in 10 banks, LCD display and raised rubber keys. Lots of memory but scans too slowly and lacks 800 MHz. Ten "monitor" channels. Radio Shack seemed to have an overstock of 2021s as they were on sale for such a long time. Close out price dipped to about $200, which made it a nice scanner for beginners.

PRO2001: Early, single bank 16 channel programmable. Reasonable coverage of the 3 traditional bands, minus aircraft band. LED digital display as well as an LED per channel. Mechanical lockout switch for each channel. Delay is either on or off for all channels at a time. High synthesizer noise level. Troublesome plated through holes on digital board in some units renders radio virtually unfixable. Could never get mine to work more than a few days in a row; always another bad connection. Some owners have no trouble.

PRO52: 8 channel VHF-Lo/Hi base unit. No UHF band or provision for mobile operation. Good little scanner despite limited frequency coverage and Spartan lack of frills. Crisp squelch action and good audio, helped by a front mounted, vertical speaker.

PRO2003: Radio Shack's 1986 top of line. 50 channels + 10 FM commercial broadcast band channels. Includes aircraft. Good frequency coverage and functionality, but at a high price. Poor human engineering: difficult to read keyboard makes the PRO2003 hard to operate unless in a well lit room. Keyboard label coloring improved on newer units. Rather slow scan rate and high price. Although there are provisions for 12VDC operation, the cabinet shape and lack of mounting bracket makes mobile operation impractical. Scan rate only 8 channels/sec vs. 15/sec in Regency and Bearcat. Causes RFI: Plastic case permits scanner to

radiate signals into nearby receivers.

PRO30: 16 channel programmable portable with aircraft band. Good frequency coverage. Extra controls on top allow control of SCAN, MANUAL, and PRIORITY functions while worn on belt. Good belt clip. Low audio output. Plastic case prone to break at BNC antenna connector under severe use, vs. metal frame in Regency HX1000. High price, no discounts or sales yet. I had 6 or 7 PRO30s, having to return them several times during the 1 year warranty, although other owners have had little or no trouble. Troubles included oscillation in IF stage, no UHF band reception, case broken around base of antenna connector, etc.

PRO24: Only 4 channels in this crystal controlled portable. Covers the three basic bands, but no aircraft. Easy to obtain batteries and crystals. Characteristic Radio Shack squelch problem, fixable by changing one resistor. All-plastic case larger than Bearcat Thin Scan and clones.

Craig (division of Pioneer)

4530: Japanese 10 channel crystal controlled 3 band unit. Also available under Plectron name but in different cabinet. No aircraft band. Deluxe features like priority, trimmer capacitors for netting each channel, front panel speaker, and rugged metal cabinet make this unit a winner. Channel lockout slide switches have finite life. Replacing burned out incandescent channel lamps not fun. Grab a 4530 if you find one in good condition.

Sonar:

Sonar made several crystal controlled scanners and channelized monitor receivers which shared the same RF circuitry. Each radio was housed in the same size metal case and worked on both 120 VAC and 12 VDC. The models differed in the number of channels, the band coverage, and whether individual channels could be locked out.

Although they used a 10.7 MHz first IF, Sonar radios require parallel resonant crystals different from the common series resonant crystals used in Regency and Radio Shack scanners. Some Radio Shack crystals will work in Sonar units, but more often they oscillate a few kHz off frequency and are unsuitable unless changes are made to the oscillator circuitry. Therefore, beginners should avoid these radios. Typical Sonar squelch has long time constant causing a long noise burst at the end of each transmission.

FR-104, FR-105: 6 channel monitor receivers covering 25 - 50 MHz or 150 - 175 MHz. Manual channel selection, i.e.,

no scanning. Early models are identified by an 11 pin connector on the rear and they could be used with an optional NiCd battery pack and charger which bolted to the rear panel. Later models used Cinch Jones connectors with flat contacts. Optional tone decoder board.

FR-2512, FR-2513: 24 channel versions of the FR-104 and FR-105 monitor receivers. Manual channel selection, i.e., no scanning.

FR-2514, FR-2515: 8 channel scanners. Channel 1 priority. Recommend you avoid these models as there is no way to lockout a channel from the scan sequence.

FR-2526, FR-2526, FR-2528: 10 channel scanners covering various combinations of 3 bands. Each channel could be locked out. Channel 1 priority.

Sonar Model	#chan- nels	VHF low	VHF high	UHF scans?	lock- outs?
FR104	6	X		no	
FR105	6	X		no	
FR2512	24	X		no	
FR2513	24	X		no	
FR2514	8	X		yes	no
FR2515	8	X		yes	no
FR2526	10	X		yes	yes
FR2526	10	X	X	yes	yes
FR2528	10	X	X	yes	yes

Table 1. Summary of Sonar base/mobile monitor and scanner receivers

Tennelec

Manufactured the first synthesized scanners. Company went out of business several years ago. Schematics and parts difficult to obtain. Radios reputed to be poor performers. Got my MS-2 and MCP-1 basket cases for free and sometimes regret taking them. Not worth fixing unless you have access to DTL/RTL chips and circuit diagrams. |

Plectron and Motorla Alert Monitor Receivers |

In the 1960s and 1970s, thousands of firemen and ambulance | squad members came to rely on their transistor Plectron and | Motorola Alert monitor receivers. They have now been | replaced by portable pagers, and are often available at | hamfests in the $5 - $25 range. Since many are in rough | condition and need repair, a hamfest special is better | suited for hobbyists who like to fix their own radios. |

Plectron and Motorola Alert crystal controlled receivers |
are excellent for dedicated monitoring of local frequencies |
-- a task for which you wouldn't want to tie up your 400 |
channel programmable scanner. These radios are fixed |
channel units and do not scan. They can be powered form |
117VAC or 12VDC with the proper mobile cord. |

The audio quality on a Plectron P1 or 700 series is far |
better than any consumer grade scanner and the sensitivity |
and intermod immunity is outstanding if aligned properly. |
The Plectron 500 series is less desireable. The Motorola |
Alert monitors are pretty good, although the audio lacks |
bass. |

No single Plectron or Motorola Alert monitor can cover the |
entire 30-50 MHz band, and there were versions optimized |
for each portion of the band. There were different "split" |
models to cover segments of VHF-hi band, too. Although UHF |
versions were made, they are somewhat rare. |

Both brands of receiver require special crystals. I |
sometimes use Radio Shack's generic 3rd overtone scanner |
crystals in the Plectrons but they oscillate on frequencies |
far away from their marked frequencies. That's because the |
Plectron oscillator is designed to be used with a crystal |
which oscillates on its fundamental, not overtone, |
frequency. |

If you find the squelch on your Plectron 700 series |
receiver has too much hysteresis, replace R96, a 180K |
resistor, with a 560K resistor. On the P1, the resistor is |
designated R81. |

Parts for Plectron receivers are available from: |

Plectron |
Plectron Place |
P.O. Box 960 |
Imboden, Arkansas 72434 |

telephone 1-(501)869-2877 |

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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6947. Re: Two Mobile Antennas To One Receiver?

Newsgroup: rec.radio.scanner
Date: 1994-12-16 14:05:22 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-1612940805220001@net194.metronet.com>
Source record: 264011
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <1994Dec16.022355.8500@kcvax1>, boothc@kenyon.edu wrote:

> I've got r-s mag mount scanner antenna on my car right now and it seems to
> work well for just about everything except 800mhz (trunked services).
> Would adding an r-s mag mount cellular antenna (either the five inch rubber
> coated one or the larger traditional cell looking one with coil) make an
> improvement?

Well, naturally, it would be an improvement. However, the scenario you suggest (adding a T-Connector, etc etc) could negate your gain, especially at 800 MHz. I suggest that you look at some of the antennas made for Amateur Radio by Diamond and Comet. The one I know about is a Diamond RH-77A (available at Tucker Electronics or Amateur Electronic Supply, check 800 info for numbers). Call Tucker as I'm sure Comet makes one for mobile use.

--
Marc B. Grant
marcbg@metronet.com
Voice Mail: 214-246-1150
Amateur Radio N5MEI

6948. HELP - BC200XLT Dead, Uniden wants me to buy new battery

Newsgroup: rec.radio.scanner
Date: 1994-12-16 14:22:26 UTC
From: mlundy@snowhit.att.com
Message-ID: <D0wqLF.1ox@nntpa.cb.att.com>
Source record: 264007

I posted this question a couple of weeks ago and go no reponses.
My 200 is DEAD. Won't display anything. Battery light indicates
charging. Even when plugged in, no display, no workee!!
I talked to Uniden this AM and they say I need to spend nearly
$40 on a new battery.
HELP ME!!!

Mark

6949. Re: AR8000

Newsgroup: rec.radio.scanner
Date: 1994-12-16 15:47:15 UTC
From: opp@netcom.com
Message-ID: <oppD0wuIr.IwC@netcom.com>
Source record: 264008

Flying Turtle (vhealey@crl.com) wrote:
: garyg@vanbc.wimsey.com (Gary Gagnon) wrote:
: >
: > My AR-8000 comments and opinions - not trying to start flame wars :)
: >
: > - The audio is much better that the AR-1000 XLT.

: > - WARNING - don't use earphones if (in expert mode) you set squelch level
: > on. This disables the squelch control and there is no safe way to set
: > the volume control. I blasted my ears a couple of times before I realized
: > what was happening. With the squelch level set to off, the squelch
: > control works as you expect and can set squelch to minimum then adjust
: > the volume safely.
: >

: A safe way you could adjust volumn level is to press the monitor
: button while truning the volumn knob from low to proper level.

: > - I do miss the scan/hold button that was on the AR-1000. There doesn't
: > seem to be a nice simple way to to lock on a channel when in scan mode.
: > The MONI (monitor) button on the side does stop scanning but it must be
: > continuously held. Another way I have found is to press SRCH (search)
: > then SCAN which will put it into non-scan mode without skipping over to
: > another channel. Pressing the SCAN button will work but ONLY if there
: > is no transmission on the channel. I usually just turn the squelch to
: > minimum to lock onto a single frequency as the scanner is usually in my
: > pocket and finding buttons is next to impossible!

: Interesting that you hit on same thing that bugs me. Where is the manual
: hold control when in scan mode. I have been tapping the 2-vfo button
: to return scanner to basic known state and then tapping the scan button
: only once to put it in scan memory recall mode with my last scanned channel
: visible. Anyone else have a better idea?

: > - There is a leather case (yes REAL leather) available for the AR-8000
: > which I do recommend. It has clear plastic windows for access to the
: > display and the buttons (side and front). It does make finding buttons
: > by feel impossible but does provide some protection. It's much more
: > substantial than the plastic one supplied with the AR-1000.
: >
: >

: Some leather cases can cause abnormal wear and tear on a radio due
: to rubbing and friction. I use the neoprene cases that are sold
: for ham radio ht's. These look like wet suit material and provide
: 1/4 inch material to cushion ther radio from banging around.

: Cost is about $15. My Pro 43 Alinco and now this HT type scanner
: all take the same size case. Makes life nice! :>)

: Those radio shack cases suck!

: Ki4je
--
opp@netcom.com

6950. Re: pacific missles

Newsgroup: rec.radio.scanner
Date: 1994-12-16 17:20:08 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3csi88$3d5@nntp.crl.com>
Source record: 264009
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

rrk@glock.ramp.com (Richard Kendrick) wrote:
>

> Abnormal is Vandenberg Air Force Base, California. Don't know who Orion
> 1 or 2 is. What you heard was missile tests with the launch site at
> Vandenberg and the destination is Kwajalein Missle Range, Marshall Islands.
> This is also known as the Western Test Range. These missile tests have
> been going on since the 1950s. Each launch is typically an ICBM, the
> missle travels approximately 5000 miles for a duration of 22 minutes.
> In the mid 1970s, the military could hit a target at that distance plus
> or minus 15 feet. Since each missle had a diameter of destruction of about
> 100 miles, this is dead nuts shootin in my book. I assume they've improved
> a little since then. I know this because I worked on Kwajalein Island from
> 1975 to 1977.

What worries me is how accurate are those Chinese ICBM missles?
They said the next time the US Navy messes with their boommers they are
going to shoot to kill.

ki4je

6951. Re: Canadian Regulation on cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-16 17:43:41 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D0wzwt.2w6@freenet.carleton.ca>
Source record: 264012

In a previous posting, DAVID SHEARMAN (shearman@grin.io.org) writes:
> Tomalak (tomalak@shoreline.ca) wrote:
> : I dunno, but is there any diffrence in the Canadian regulations on
> : scanning 800+ Mhz...
>
> : If they allow for it would that mean I could get one that scans those
> : channels here in Canada?
>
> Yes, cellular scanning is legal here. Just don't disclose what you hear.
> Cellular capable scanners are still available in Canada at most good
> radio shops, though Radio Shack is making the scanners they sell in
> Canada non-cell capable. At least that's what Radio Shack said in a
> recent ODXA article.

Shack made this decision solely on the fact they sell CellPhones. They
also threaten their staff with a $4,000 fine if they give out info
on restoring Cell, or by saying who will restore Cell coverage. This
will explain the level of paranoia amongst their salesdroids regarding
scanners. I went into a RS store a while back to check on a Handheld
set. I was plugging in some frequencies when the shack clerk took the
radio away from me and said IT WAS ILLEGAL TO DEMOSTRATE SCANNERS WITH
FREQUENCIES IN THEM! Some of the freqs I plugged in were business band
that I was licenced to operate on, others were the local ATIS plus the
162.400 Mhz Weather frq. Very few (there are some) will do much more
than 'ring-up-the-sale'. I doubt if they could enforce their $4000
fine as it is company policy, Not the law!

--
Darrell A. Larose | ad607@freenet.carleton.ca
..I want to die peacefully in my sleep like my Grandfather...
...Not screaming in terror like his passengers...
--

6952. Re: Police jargon

Newsgroup: rec.radio.scanner
Date: 1994-12-16 18:01:39 UTC
From: dstuart@rocket.cc.umr.edu
Message-ID: <3cskm3$jh4@hptemp1.cc.umr.edu>
Source record: 264014

Gary Baumgarten (ad225@detroit.freenet.org) wrote:

: Police jargon varies from department to department so when
: requesting clarification it's helpful to mention which
: department you're asking about.

: Here in suburban Detroit, for example, departments passing
: information to one another over the inner city point-to-point
: system sometimes don't understand one another. The code for
: some of the departments for injury accident is a 205-5.
: Their neighbor uses 10-55. Another uses PI and still another
: PIA.

: My suggestion: get rid of the stupid codes and use plain
: English!
: --
: Gary Baumgarten
: ad225@detroit.freenet.org

See, the only problem with that is that the police know what they are
talking about and get the message across very efficiently. They are not
talking to you.

--
-- Dave Stuart
dstuart@umr.edu

Men are men, Women are few, and sheep run scared.
$>
-- So It Goes (Slaughterhouse Five)

6953. Re: pacific missles

Newsgroup: rec.radio.scanner
Date: 1994-12-16 18:11:15 UTC
From: dputnick@alumni.caltech.edu
Message-ID: <3csl83$nm6@gap.cco.caltech.edu>
Source record: 264015
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <3cqvdc$4tf@glock.ramp.com>,
Richard Kendrick <rrk@glock.ramp.com> wrote:
>Lyn R. Kennedy (lrk@netcom.com) wrote:
>: Orion 1 & 2, Abnormal 20, and others were up last night on HF. Think these
>: are pacific missle range stations. Mission scrubbed about 0745Z. Possibly
>: 24 hour re-cycle. May be back tonite (Mon -> Tue) for another try. Heard
>: on 6889, 5120, and 5733.
>Abnormal is Vandenberg Air Force Base, California. Don't know who Orion
>1 or 2 is. What you heard was missile tests with the launch site at
>Vandenberg and the destination is Kwajalein Missle Range, Marshall Islands.
>This is also known as the Western Test Range. These missile tests have
>been going on since the 1950s. Each launch is typically an ICBM, the

[snip]

Are you sure you didn't hear ARIA 1 and 2? Planes equipped for monitoring
telemetry from missiles and launch vehicles.

--
Don Putnick
dputnick@alumni.caltech.edu

6954. Re: Canadian Regulation on cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-16 18:22:28 UTC
From: zenith89@bnr.ca
Message-ID: <zenith89-161294132228@47.80.2.73>
Source record: 264016

In article <D0wzwt.2w6@freenet.carleton.ca>, ad607@FreeNet.Carleton.CA (Darrell A. Larose) wrote:
> Shack made this decision solely on the fact they sell CellPhones. They
> also threaten their staff with a $4,000 fine if they give out info
> on restoring Cell, or by saying who will restore Cell coverage. This
> will explain the level of paranoia amongst their salesdroids regarding
> scanners. I went into a RS store a while back to check on a Handheld
> set. I was plugging in some frequencies when the shack clerk took the
> radio away from me and said IT WAS ILLEGAL TO DEMOSTRATE SCANNERS WITH
> FREQUENCIES IN THEM!

Also, keep in mind how the "media" exaggerates... if rags like the Ottawa S***izen got wind of Radio Shack allowing people to enter frequencies into scanners, then the headlines would be: RADIO SHACK INSTRUCTS CELL PHONE SNOOPS! RADIO SHACK HELPS BURGLARS! RADIO SHACK ASSISTS AMBULANCE CHASERS! etc. etc. Oh yeah, also notice how the media calls every scanner user a "ham"? Ha.

--
Chris Van Fleet, Bell Northern Research.
Phone (613) 763-7541, fax (613) 763-7383.
Internet: zenith89@bnr.ca or ba794@freenet.carleton.ca

6955. Re: UNlisted Freq's?

Newsgroup: rec.radio.scanner
Date: 1994-12-16 18:49:03 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D0x2xr.8Eq@nntpa.cb.att.com>
Source record: 264018
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <rJQykiubG-KV066yn@access.digex.net>,
Andy Domonkos <domonkos@access.digex.net> wrote:

>All frequency allocations licensed by the FCC are available in any
>of the current data bases on the market

Basically true, and having access to the FCC database is a great
help.

>(ie; no hidden freq's)
>Andy

Many radio users don't have licenses for the freqs on
which they operate and others don't operate by the rules.
Police agencies are free to conduct low power operations
on other government channels.

How many people buying low power "color dot" walkie talkies
from Sam's Warehouse and Radio Shack obtain licenses?

Also, the licensee name is often obscure, and a simple search
through the FCC database will fail to reveal a license for
the operation you want to scan. This is especially true for
businesses.

Examples are:

"Del Sue, Inc." for The Little Italian restaurant
"Main St. LP" for McDonalds Restaurant
"Maynard L. Silver" for AGE Communications
...

--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6956. Re: Two Mobile Antennas To One Receiver?

Newsgroup: rec.radio.scanner
Date: 1994-12-16 18:56:54 UTC
From: david_wolfe.d041#u#mailbox@star9gate.mitre.org
Message-ID: <david_wolfe.d041#u#mailbox-1612941456540001@dk-wolfe.mitre.org>
Source record: 264019
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <1994Dec16.022355.8500@kcvax1>, boothc@kenyon.edu wrote:

>
> * Would all these connectors (to a pro 43) produce significant loss?
> * Can two antennas - 1 all band and 1 cell be used effectively at once?
> * Regardless, which r-s cell antenna would work best the 5-inch rubber
> covered mag or the traditional looking mag (10 inches approx w/coil),
> both are advertised at 3db gain.

Connecting the two antennas in parallel will result in an impedance mismatch to your receiver and a loss in signal strength (>3db). The antennas need to be designed for this purpose. I suggest the use of an active antenna (one with an amplifier at the antenna) such as made by Diamond which provides 20db gain thru 1Ghz. The 12 vdc power is delivered through the coax and blocked by a small gain control unit before it connects to the receiver. Cost is about $160.

--
opinions expressed are mine alone

K1AGE

6957. Re: Frequency Spectrum

Newsgroup: rec.radio.scanner
Date: 1994-12-16 19:11:48 UTC
From: dmathews@netcom.com
Message-ID: <dmathewsD0x3zp.D14@netcom.com>
Source record: 264023
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Berton Corson (g9153402@huey.csun.edu) wrote:

: THE RADIO SPECTRUM
: ------------------

ASCII text on this subject is cool and all, but I have seen plotted diagrams that show everything from X and KA band radar, to cellular, etc, etc while I was out and about at different businesses. Do any of you know of a site that I could retrieve either a Postscript file, or Autocad plottable chart of these freq's? I'd like to have a current copy that shows PCS freq's, etc, etc...

Thanks for the info! (I checked for a FAQ but could not find a reference site for it, Hopefully the where to find this chart info isn't in there! :)

Dave

6958. Pro-46 Mods

Newsgroup: rec.radio.scanner
Date: 1994-12-16 19:24:36 UTC
From: x2rosea@freenet.edmonton.ab.ca
Message-ID: <3csphk$3db@news.sas.ab.ca>
Source record: 264020

Does anybody know of any mods that can be performed on the Pro-46
scanner. If you have any info on this please post it or e-mail me. thanks.

Darryl Mortensen
x2rosea@freenet.edmonton.ab.ca

6959. Re: pacific missles

Newsgroup: rec.radio.scanner
Date: 1994-12-16 19:53:03 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.941216115143.2960B-100000@holmes.ece.orst.edu>
Source record: 264021
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

On 16 Dec 1994, Flying Turtle wrote:

> What worries me is how accurate are those Chinese ICBM missles?
> They said the next time the US Navy messes with their boommers they are
> going to shoot to kill.
>
I hope their lucky. Their subs suck but our torpedoes are the best! Just
more trash talk from the Chinese.

6960. Re: "K"

Newsgroup: rec.radio.scanner
Date: 1994-12-16 21:02:55 UTC
From: moy@xp.psych.nyu.edu
Message-ID: <9412162108.AA10678@xp.psych.nyu.edu>
Source record: 264022

: digger@mindvox.phantom.com (Oat Willy) wrote,

]> In article <3chklb$1o6@sparc.occ.uky.edu>, jadantin@ndlc.occ.uky.edu (Jim Dan
]> > Marc Richard Wollemborg (mrw13@columbia.edu) wrote:
]> >
]> > : On many of the emergency services frequencies in my area, I've often
]> > : heard the dispatcher and the various units call each other "K". What
]> > : does this stand for?
]> >
]> > How about short for "OK"?
]Nope. It comes from the morse "K" sent at the end of a CW transmission.
]It means "I'm done sending, you can go ahead and send now." Apparently it
]was picked up by the emergency services, and now a lot of them use "K"
]like a comma in their transmissions....
^^^^^^^^^^^^Definitely! It's Radio Pig Latin.

I was wondering if anyone else has noticed this kind of language
abuse. I have heard some services using "k" more like a <space> than
a <comma>. Honestly, some transmissions might go something like this:

"10-4 K Be advised K Post 1 K What is your 10-7 K How do you copy?"

Note the missing "k" at the END of the transmission. Arrgh!

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

6961. Setting a centerloaded antenna for a frequency

Newsgroup: rec.radio.scanner
Date: 1994-12-16 22:30:47 UTC
From: sternk@alumni.cs.colorado.edu
Message-ID: <3ct4en$qdo@csnews.cs.Colorado.EDU>
Source record: 264125

How can I calculate the proper setting of my antenna for a given
frequency?
I have a centerloaded telescoping antenna with 4 parts above
the centerload and 4 parts below it. Obviously, for 40Mhz type stuff
I keep it fully extended and for 900Mhz frequencies I keep it fully
collapsed but I was wondering about the 450Mhz and 120Mhz bands.

The bottom of the centerload to the BNC connector is 21cm
and the top of the centerload to the top of the antenna is 30.5cm.
The plastic center piece itself is 5cm. Not sure if any of this
will help, but...

~Ken

6962. Re: Javiation

Newsgroup: rec.radio.scanner
Date: 1994-12-16 22:49:40 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3ct5i4$ie6$1@mhadg.production.compuserve.com>
Source record: 264126

You can order an AR8000UK from Jonathan Clough, owner of Javiation, by calling him at 011-44-274-732146 early in the day (since he's 5 hours ahead of the US East Coast). He takes Mastercard and VISA. Delivery only takes 2 days.

I recommend the optional AOR vinyl case.

Another neat radio that he just got in is the brand new Realistic Pro2035UK base. It has uncut coverage. <g>

-Jeff

6963. -> FOR SALE: Yupiteru MVT-8000 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-16 22:50:09 UTC
From: baranowski@aol.com
Message-ID: <3ct5j1$qq6@newsbf01.news.aol.com>
Source record: 264127

For Sale

Yupiteru MVT-8000 Base scanner. (UNCENSORED, of course!)

Specifications
==============
Coverage : 100KHz - 1300MHz with reduced sensivity below 8MHz
Modes : AM, NFM & WFM
Increments: 5, 10, 12.5, 25, 50 & 100 KHz
On WFM 50 & 100 KHhz only)
Channels : 200 (In 10 banks of 20)
Search : 10 banks with user definable limits, mode & increment steps
Scan Speed: 15 channels per second (approx)

The unit is in MINT (and I mean MINT!) condition, as it's been stored in my file cabinet at work (and yes, it DOES work). It has approximately 3 hours of usage on it. The unit is noted for is SMALL size and FULL coverage (can you think of another base scanner that will pickup shortwave?)

For those unfamiliar with it's petite size, look in library #2, as I uploaded both a GIF and JPG of the unit last year.

Price: $375 COD
Shipping: I'll ship 48 states ground

If interested, please EMAIL to baranowski@aol.com

Thanks for your time..
-Mike Baranowski

6964. Re: San Francisco, CA. Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-16 22:56:30 UTC
From: dseitel@crl.com
Message-ID: <3ct5uu$all@crl10.crl.com>
Source record: 264128

Michael Ayotte wrote:

> Do you have a phone number?

Try 1-408-267-3244. If that's not current, we'll hear.

They were at 1465 Portobelo Dr., San Jose CA 95118 according
to a piece of paper I have.

--
David S. Eitelbach | ".....this annoysszs me"
dseitel@crl.com | -Stef Aka Zodiac-

6965. Re: Hints On Scanning In Aircraft

Newsgroup: rec.radio.scanner
Date: 1994-12-16 23:25:25 UTC
From: kc5iuz@n8naa.sat.tx.us
Message-ID: <3k0FXc3w165w@n8naa.sat.tx.us>
Source record: 264129

I found when I was last on a plane with my scanner, I was flying somewhere over 4-land, and was picking up a VHF repeater with S9, full-quieting. Keep in mind we were about 35-40,000' NSL with no obstructions, and yes it was a window seat...but the point is I kept that one repeater for a good 30 minutes. When I scanned a little bit around that frequency, I picked up 2 more repeaters with the same quality, and 1 with a little less strength. It was quite interesting. =)

C/Amn Nicholas McLarty, KC5IUZ
mcs@cyberspace.org
n8naa!kc5iuz@datapoint.com
Texas 882nd AFJROTC Group
William Howard Taft High School: San Antonio, Texas

For public PGP key, finger mcs@cyberspace.org or e-mail an address above
PGP Fingerprint C8 8D 9A D6 E2 7A BE 61 63 D5 11 6B 5F AC 7E 2B

6966. Re: Cellular Telephone Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-12-16 23:36:20 UTC
From: tching@bilge.water.ca.gov
Message-ID: <3ct89k$hpv@news.csus.edu>
Source record: 263695
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3cngv7$lkc@oak.oakland.edu>,
The Irrelevant Talk Guru <dpatel@ss0.eng.wayne.edu> wrote:
>The following are the frequencies for Cellular Telephones.
>
>Note that Listening to Cellular Telephone conversations is Illegal and is
>not endorsed by me.
>
>
>876.090 MHz
>876.600 MHz
>
I thought the spacing was 30KHz. Hence, you're missing some
channels in there. (and others, but I deleted the rest of the list to
save your screens from scrolling).
Let it be known, I don't endorse eavesdroping too.

6967. Help please!!! Trucking Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-12-16 23:43:25 UTC
From: rolewis@gopher.chem.wayne.edu
Message-ID: <3ct8mt$kit@gopher.chem.wayne.edu>
Source record: 264130

Hello Scanner Listener. For christmas, I'll be getting Uniden's BC147XLT-1 16 channel scanning radio. I'm very excited about this. Anyways, I love trucking, and hopefully someday I can have my own company!! Well, I recently received the specs on this scanner and I realized that the freq. coverage started at 29mhz. I was told that Ch. 19 which is used by truckers is 27.185! I won't be able to listen in! I'm no upset, but I'll be missing the fun. Are there any other freqs that I can use to enjoy! I'm really interested in freqs that enables me to listen to J. B. Hunt & Schneider National drivers. Please help me!

Ron

6968. Anyone familiar w/ BC800XLT?

Newsgroup: rec.radio.scanner
Date: 1994-12-16 23:45:03 UTC
From: dctrhappy@aol.com
Message-ID: <3ct8pv$rbp@newsbf01.news.aol.com>
Source record: 264131

I have one of these with a blown vacuum LCD display. While this scanner is no use to me broken or working, would it be economically viable to repair this scanner and make a profit? I guess what I'm asking is, how much is a new vacuum LCD display approxomately? How much would Uniden charge to replace it? Could a layman solderer complete the job? Thanks for any responses..!

6969. SCANNING ON PASSENGER

Newsgroup: rec.radio.scanner
Date: 1994-12-17 00:13:07 UTC
From: glenn.johnson@chrysalis.org
Message-ID: <9412170013.00B2L04@chrysalis.org>
Source record: 264173

NE>>>>I hope we never share an airplane! Signals from the scanner can screw up
NE>>>>the airplane's systems and you could die.

NE>>>NOT.

IS TOO !!

NE>>> I find it hard to believe considering:
NE>>> - Scanners do not transmit and the amount of RF that they could
NE>>> emit is regulated to pass FCC regulations before product release

FCC regs for consumer use, not aircraft -
no interference to commercial broadcasts, etc

NE>>> - Certainly a laptop computer emits more RF. Try listening to your
NE>>> walkman next to one. (at least mine)

At certain FIXED frequencies
Not like scanner, which gives off concentrated RF in a narrow band
(at the I.F. tuning frequency)

NE>>> - The airlines are merely taking precautions when they tell you to
NE>>> turn off all electronic equipment during takeoff and landing.
NE>>> To my knowledge there has never been an incident concerning th

To your knowledge - chech with the NTSB and you'll see that many
mishaps occur due to 'navigational/radio failure' ie: interference
The "precautions" the airlines are taking are based on these reports.

NE>>> Please correct me if I am wrong on any of these...

NE>>> Jeff - Who is planning on scanning his next flight this week.

BTW - Check the approved devices list and radios and scanners are
banned items, while tape players, cd players, and laptops are OK
after takeoff.

NOTE: IT IS A FELONY TO OPERATE BANNED EQUIPMENT ABOARD AIRCRAFT
DURING COMMERCIAL FLIGHTS.

ps: I'm glad I'm not flying this week!

Glenn
KB5VQI

 SLMR 2.0 My reality check just bounced.

6970. Re: HELP - BC200XLT Dead, Uniden wants me to buy new battery

Newsgroup: rec.radio.scanner
Date: 1994-12-17 00:44:20 UTC
From: scan911@aol.com
Message-ID: <3ctc94$h1@newsbf02.news-fddi.aol.com>
Source record: 264132

>> I posted this question a couple of weeks ago and go no reponses.
>>My 200 is DEAD. Won't display anything. Battery light indicates
>>charging. Even when plugged in, no display, no workee!!
>> I talked to Uniden this AM and they say I need to spend nearly
>>$40 on a new battery.
>> HELP ME!!!

Why don't you want to try spending $40? Check the voltage of the battery
with a volt meter at least.

|
|
' --|--
/|\
' ___|_____________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |

Come visit in phl.scanner for the latest scanner news in the
GREATER PHILADELPHIA area!

6971. AR8000 good as base station?

Newsgroup: rec.radio.scanner
Date: 1994-12-17 01:01:13 UTC
From: maverick@csulb.edu
Message-ID: <3ctd8p$nq8@garuda.csulb.edu>
Source record: 264133

I was just wondering if the AOR AR8000 would be a suitable scanner as a base station even though it is a portable. In other words, when hooking up an external outdoor antenna such as a discone, would it still have the same intermodulation problems that other portables such as the RS Pro 43 suffer. Or are the AR8000 electronics so superior (selectivity, rejection etc) that it could handle an external antenna with performance equaling or exceeding a dedicated base station such as the 2006?

Email me directly if you'd like. Thanks for the help.

6972. Ottawa Freq.

Newsgroup: rec.radio.scanner
Date: 1994-12-17 01:07:22 UTC
From: fr971@cleveland.Freenet.Edu
Message-ID: <3ctdka$4ec@usenet.INS.CWRU.Edu>
Source record: 264134

Good evening svcanner fans.I've been scanning for about 15 years
in Ottawa Canada region.I would like to exchange freq..I'm
looking for new interesting freq.
PS Does anybody have the freq. used during NHL Game between
the bench and upstairs.

6973. Re: Two Mobile Antennas To One Receiver?

Newsgroup: rec.radio.scanner
Date: 1994-12-17 01:35:58 UTC
From: baileyr@cuug.ab.ca
Message-ID: <D0xLw8.J5C@cuug.ab.ca>
Source record: 264135
Cross-posted to: rec.radio.scanner,alt.radio.scanner

boothc@kenyon.edu wrote:

: I've got r-s mag mount scanner antenna on my car right now and it seems to
: work well for just about everything except 800mhz (trunked services).
: Would adding an r-s mag mount cellular antenna (either the five inch rubber
: coated one or the larger traditional cell looking one with coil) make an
: improvement? It says it has a 3db gain. I ultimately would like to
: connect the two using a bnc T, a bnc to pl 259(?) for the all band,
: and a tnc to bnc for the cell antenna (and possibly a right angle adaptor
: so I can manipulate the controls on top of my pro-43).

: * Would all these connectors (to a pro 43) produce significant loss?
: * Can two antennas - 1 all band and 1 cell be used effectively at once?
: * Regardless, which r-s cell antenna would work best the 5-inch rubber
: covered mag or the traditional looking mag (10 inches approx w/coil),
: both are advertised at 3db gain.

: Carter

You wouldn't want them both attached at once, it won't work as well as
you would like. When scanning each band, use the antenna which works
better, by itself.

Rob...

6974. news radio 1010am wins trafic cam

Newsgroup: rec.radio.scanner
Date: 1994-12-17 03:41:05 UTC
From: LEPP225@news.delphi.com
Message-ID: <3ctmkh$hbm@news2.delphi.com>
Source record: 264136

I'm from the newyork area and i keep hearing that 1010 wins has what then
call traffic cams. AT G.W.B. AND ALL THE tunnels is theree frequ's for
them and if so , can i use my scanner and a computer to see what they see.
please reply here or e=mail
thanls

mike

6975. Re: "K"

Newsgroup: rec.radio.scanner
Date: 1994-12-17 04:10:35 UTC
From: ad225@detroit.freenet.org
Message-ID: <3ctobr$dln@detroit.freenet.org>
Source record: 264137

How about hearing some of the other unusual public safety pig Latin that's out there? Like:

"Clear!" at the end of each transmission, by the Michigan State Police.

Or "What's your pleasure?" by the Dearborn Heights, Michigan Fire Department.

It would also be neat to see some postings of unusual radio traffic. Like this one I heard on Southfield, Michigan Police Department's frequency:

"1234 Main Street. A dog making verbal threats at passersby."

Ouch! How about this instead:

"1234 Main Street. A dog barking at the pedestrians."

Another thing that sneaks into police radio jargon in my neck of the woods is:

"The suspect is driving a car that's blue in color."

As opposed to what? Blue in smell? Maybe this would do just fine:

"The suspect is driving a blue car."

Any other contributions?

--
Gary Baumgarten
ad225@detroit.freenet.org

6976. Re: New scanner enthusiast sa

Newsgroup: rec.radio.scanner
Date: 1994-12-17 04:32:00 UTC
From: brian.parker@nohobbs.org
Message-ID: <941216204840220@nohobbs.org>
Source record: 264138

TW-{If anyone has any advice for a new hobbyist as to organizations, events (in
-{or near Charlotte, NC), and other resources, or tips, or just to say "Hi",
-{I'd love to hear from you. Since much of the info I would need falls into
-{the "FAQ" category feel free to e:mail me (I have a large mailbox <g>). I

You can try a couple of places to try to get some information
not sure of the cost or what you can get but a couple of numbers
for you:

Monitoring Times 704-837-9200
National Scanning Report 800-423-1331

73 KD6SBW brian @N0ARY.#NOCA.CA.USA.NA
---
* QMPro 1.51 * Bunkers are an invention of the devil.

6977. space

Newsgroup: rec.radio.scanner
Date: 1994-12-17 04:54:37 UTC
From: dx237@cleveland.Freenet.Edu
Message-ID: <3ctqud$o9m@usenet.INS.CWRU.Edu>
Source record: 264139

I heard the space station Mir on 145.550 nbfm last night,
he was trying to raise a ham operator in Canada/Voice transmission/
The space shuttle also uses this freq all the time for voice/packet
I use a R-7000 with a diamond discone located in Ketchikan Alaska.
--

6978. Re: Indiana Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-12-17 04:56:12 UTC
From: billsohl@earth.planet.net
Message-ID: <3ctr1c$j3f@jupiter.planet.net>
Source record: 264140

John Avery (john.avery@uchoice.com) wrote:

Stuff about newsreporter exemption deleted for brevity.

: From practicing criminal law for 20 years in Marion County, Indiana, I
: can tell you this: (1) The fine and costs will total about $200 and
: up. (2) You get a criminal record and (3) The last time you will see
: your scanner will be in court just before the judge orders it to be
: destroyed.

Good advice, best to know what you are up against.

: The full Indiana statute is:

: Indiana Code I.C. 35-44-3-12 Unlawful use of a police radio;
: exemptions; "portable police radio" defined.
: (a) A person who knowingly or intentionally possesses a
: portable police radio commits unlawful use of a police
: radio, a class B misdemeanor.
: (b) This section does not apply to:

: (6) A person who holds an amateur radio license issued by
: the Federal Communications Commission;

This is your best approach as a regular citizen. Investigate the
amateur "no-code" technician class license. Buy "Now You're
Talking" at any Radio Shack (It's a study guide) and/or call
the Amateur Radio Relay League at 1-800-32NEW-HAM and ask for
their free info package on becoming a ham.

: (c) "Portable police radio" means a radio receiving set that
: is capable of receiving signals transmitted on
: frequencies assigned by the federal communications
: commission for police emergency purposes and that:
: (1) Can be installed, maintained or operated in a
: vehicle; or
: (2) Can be operated while it is being carried by an
: individual.

--
Bill Sohl K2UNK (billsohl@planet.net)
Budd Lake, New Jersey

6979. Anyone know U of G po

Newsgroup: rec.radio.scanner
Date: 1994-12-17 06:08:13 UTC
From: bseburn@vaxxine.com
Message-ID: <D0xyDp.G4I@vaxxine.com>
Source record: 264141

U of G = University of Guelph.

Guelph, Ontario CANADA

___ Mountain Reader II - #00000039

6980. Re: Wanted: New PRO-2006

Newsgroup: rec.radio.scanner
Date: 1994-12-17 07:11:22 UTC
From: tpenner@abq-ros.com
Message-ID: <028902EHQDFWWIMRLGRO@abq-ros.com>
Source record: 264174

```
================================================================================
BBS: The Albuquerque ROS
Date: 12-13-94 (22:53) Number: 2217258
From: GERALD@NOHOST.COM Refer#: NONE
To: ** ALL ** Recvd: NO
Subj: Re: Wanted: New PRO-2006 Conf: (1028) I-38210
--------------------------------------------------------------------------------
```

IG> I had heard lately that RS had some in Texas that could be
IG> special ordered. I don't know if that is true. Failing that
IG> I have one new in the box that I would sell for near what I
IG> have in it. If you can't special order one e-mail me we'll
IG> talk.

I'm interested..what's your price? You say it's 100% brand new/never-
been used? Shipping? Reply ASAP. (505) 281-6193 evenings (505)-837-5431
daytime/voice-mail. Thanks! TPenner@ABQ-ROS.COM

> SLMR 2.1a > Nothing is so smiple that it can't get screwed up.

```
--
The Albuquerque ROS - (505) 296-3000
```

6981. That NFL Coach/QB System (General Info)

Newsgroup: rec.radio.scanner
Date: 1994-12-17 07:19:05 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <3cu3d9$hlj@umcc.umcc.umich.edu>
Source record: 264142

It seems like every other week, someone is posting the same old question about those new NFL quarterback radio systems -- What frequency do they use?

That's one question I can't give a specific answer to, since I have no interest in watching football.

But I have come across some info about this NFL Coach/Quarterback one-way system that I thought I'd share.

First, the purpose of the one-way system is to allow coaches to (securely) pass a suggested play/instructions to the quarterback, while the QB is out on the field. The system was authorized by the NFL because it will "raise attendence, by curious scanner-wielding geeks anxious to find the C/QB frequency." Well, that'll probably be true, but the real quote is "...to promote more offensive production" (*MY* fake quote makes much more sense to me!). Supposedly, it will also help reduce the legnth of the game, by reducing penalties, which delay the game. This should sound good to everyone who turns on their ABC affiliate at 11:30PM expecting to catch 'Nightline,' & instead sees some idiots running around trying to chase ball, delaying Nightline for about 90 minutes (but of course, football should certainly take precedence over a news program...).

The link from the coach will be cut-off (by an impartial NFL employee) when the QB leaves the huddle & a 'play' starts. It is also cut off when there'sonly 15 seconds left on the "play clock."

The radio system is a proprietary design by the president of Control Dynamics Corporation, Mr. Harvey Shuhart. CDC manufacturers the rugged receivers in the QB helmets. The RF link often utilizes a Motorola GP-300 transceiver, & the coach's headset is a Telex Communications, Inc. design that interfaces the headset with both the GP-300, & the normal wire-based circuits that the coaches use to talk with other team staff, but only the coach can transmit thru the GP-300 to the QB. The GP-300 carried by the coach (or his/her designate) apparently transmits on an input frequency to the cut-off unit controlled by a league official on an upper level, where, unless the NFL official disables it, it is then repeated on another freq. to the quarterback.

The QB helmet consists of a radio receiver module with decryption circuitry, and an audio module with one speaker near each ear. It is apparently powered by a regular 9-volt battery. I imagine the antenna might be impregnated into the resin helmet. Each team will have a total of four of these $20,000 helmets. One for each of the QBS, + a spare.

Unlike with the wire-based team comms systems, there is no policy of the other team having to stop using their C/QB link if their opponent's C/QB system breaks.

Frequencies used for these C/QB systems are apparently in the UHF range, probably somewhere between 450-480MHz, and is 'secure,' used what I assume to be a digital-based crypto scheme, since according to literature, there is over 268,000,000 possible code keys.

Suppliers of the crypto system include Transcrypt (Lincoln, NE), MC Comm (Winston-Salem, NC) & Selectone (Hayward, CA). In particular, the Selectone model ST-25AGP system is used.

****

The above info is taken from an article about the system appearing in the AUG 94 issue of SIGNAL -- the journal of the Armed Forces Communications Electronics Association (AFCEA), and a promotional brochure put out by Selectone Corp.

I suppose if anyone is interested enough, they could call Control Dynamics Corporation (Iveyland, PA) & track down more info.

While the information transmitted over this system is probably 'secure,' I wonder how long it will be before some idiot with a modified 440MHz handheld decides to jam the link, either for the hell of it, or specifically jamming the C/QB link of the visiting team.

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve: 72571,1005 GEnie: T.Tyler5 AOL: Hooligan
Ypsilanti MI PUT AN END TO UNFAIR LABOR PRACTICES -- BOYCOTT CHRISTMAS
48197 UNTIL SANTA EMANCIPATES THE ELVES!

6982. Who will mod a BC2500XLT?

Newsgroup: rec.radio.scanner
Date: 1994-12-17 08:59:37 UTC
From: bhatlas@pyrite.SOM.CWRU.Edu
Message-ID: <3cu99p$1qt@usenet.INS.CWRU.Edu>
Source record: 264143

I just purchased a BC2500XLT with a date code of OCIC (3/93). I read
the cellular mod for this unit, and am hesitant to perform it myself.
Can you point me to individuals or companies who will perform the mod
for a reasonable fee?

The mod involves unsoldering a chip resistor and moving it one place
to the left.

Thanks in advance.

Sunil.

--
~~~~~~
Sunil Bhatla ||| INTERNET: bhatlas@pyrite.som.cwru.edu
Case Western Reserve University ||| VOICE: 216/368-2061
~~~~~~

6983. Improve the Squelch in Your Monitor Receiver

Newsgroup: rec.radio.scanner
Date: 1994-12-17 13:24:43 UTC
From: parnass@ihlpf.att.com
Message-ID: <D0yIL7.BGv@nntpa.cb.att.com>
Source record: 264144
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info,sci.electronics.repair

last changed December 17, 1994 |

IMPROVE THE SQUELCH IN YOUR MONITOR RECEIVER

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of the author.]

The squelch control in some FM monitor receivers is difficult to use because of too much hysteresis. The American Heritage Dictionary of the English Language defines hysteresis as the:

o "Failure of a property changed by an external agent to return to its original value when the cause of the change is removed."

It's like having play in a car's steering wheel, or backlash in a gear set. Too much hysteresis in a squelch circuit forces one to keep the squelch at a tighter setting, missing weaker signals when scanning or searching. The squelch hysteresis problem was first addressed in a 1984 article about the Radio Shack PRO-24 crystal controlled scanner.

Why do engineers design these circuits with any hysteresis? Basically, hysteresis prevents weak signals from "popping" the squelch open and closed rapidly, which would be very annoying to the listener. A squelch circuit with hysteresis requires a stronger signal to open the squelch than it does to keep it open.

Models cursed with too much hysteresis include the | Uniden/Bearcat 800XLT and 760XLT, Radio Shack PRO-2003, | PRO-2004, and others. Don't despair, the fix is simple for | most radios. I've successfully reduced the squelch | hysteresis by replacing a single resistor.

Hysteresis is usually implemented by providing feedback from the squelch gate input to output, through a resistor. The higher the resistor value, the less feedback there is, and less hysteresis. My modification involves replacing the "stock" resistor with a higher value resistor, as

identified in the table below.

This article cannot provide step-by-step instructions for each radio. I always encourage radio hobbyists to purchase the service manuals for their equipment. The most useful sections of the manual are the schematics and printed circuit diagrams. Good manuals will also describe the theory of operation and alignment procedures, and contain a complete parts list.

If your radio has too much hysteresis, and is not listed in the table, study the service manual. Motorola MC3357, MC3359, and MC3361 integrated circuits, which contain IF and squelch circuitry, are popular in scanners. In these receivers, look for the hysteresis resistor to be connected to these ICs.

Notes

1. The author cannot furnish modification information for other radios.

2. Don't attempt this, or any other internal modification, unless you are skilled in electronic servicing.

3. Make sure your receiver is disconnected from any power source before opening the cabinet.

Table 1. Squelch Hysteresis Resistor In Selected Receivers

Squelch Hysteresis Resistor In Selected Receivers		
Receiver Model No.	Res-istor Value	Stock Comments
Radio Shack PRO-24	R35 33K	replace with 220K. Located between pins 12 and 14 of MC3357 (IC1)
Radio Shack PRO-2002	R197 47K	try 220K.
Radio Shack PRO-2004	R148 47K	remove R148 or replace with 220K. On linear board, between pins 12 & 14 of TK10420 (IC2)
Radio Shack PRO-2022	33K	replace 33K with 220K. Between pins 12 & 14 on IC-1 MC3361
Radio Shack PRO-2035	100K	replace 100K

	with 220K.
	Between pins 12 & 14
	of TK10420 (IC-2)
Electra/Bearcat 220	R75 2.7M may be ok as is
Electra/Bearcat 20/20	R75 2.7M may be ok as is
Electra/Bearcat 250	R66 2.2M may be ok as is
Uniden/Bearcat 760XLT	R58 22K replace with 1M.
	Located on pin 14
	of MC3359P IC
Uniden/Bearcat 800XLT	R91 860K replace with 2.2M.
	Located on pin 14
	of MC3359P IC
Plectron P1	R81 180K may be ok as is
Plectron 700	R96 180K replace with 560K
_____	_____

References

1. "The Radio Shack PRO-24 Scanner," by Bob Parnass, excerpted in the "Technical Topics" column, RCMA Newsletter, February 1984.

2. "The Bearcat 800XLT ... an Owner's Report," by Bob Parnass, in Monitoring Times, March 1986.

3. "Product Review: The Radio Shack PRO-2004 Programmable Scanner," by Bob Parnass AJ9S, in The Radio Enthusiast, February 1987, and Monitoring Times, March 1987.

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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6984. Re: AR8000 good as base station?

Newsgroup: rec.radio.scanner
Date: 1994-12-17 13:42:29 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3cups5$99e@sparc.occ.uky.edu>
Source record: 264145

Hiran C. Fernando (maverick@csulb.edu) wrote:
: I was just wondering if the AOR AR8000 would be a suitable scanner as a
: base station even though it is a portable. In other words, when hooking
: up an external outdoor antenna such as a discone, would it still have the
: same intermodulation problems that other portables such as the RS Pro 43
: suffer. Or are the AR8000 electronics so superior (selectivity,
: rejection etc) that it could handle an external antenna with performance
: equaling or exceeding a dedicated base station such as the 2006?

I don't know if I'd use the words "so superior", but I am very happy with my AR8000 in "base" mode. I bought a cradle from Grove ($10) that keeps it from tipping over. For long-time AC use, remove the batteries to keep from overcharging (per EDCO technician).

The antenna is a Diamond discone; a second antenna is a Windom-design (off-center dipole) around 66' long. I don't see any signal difference between the antennas on shortwave.

I'm in a city of 50,000. There's a low power TV station 2 blocks away, AT&T microwave tower less than a mile away. I don't see any sign of intermod. I sold an ICOM R7000 to buy the AR8000 - I'm not sorry. Selectivity in the shortwave bands is a little weak, but quite acceptable. SSB reception is OK.

The main problem has been the radio's small size - you can't just reach over and hit a button or spin a knob.
--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

6985. Re: HELP - BC200XLT Dead, Uniden wants me to buy new battery

Newsgroup: rec.radio.scanner
Date: 1994-12-17 13:45:58 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3cuq2m$99e@sparc.occ.uky.edu>
Source record: 264146

SCAN911 (scan911@aol.com) wrote:
: >> I posted this question a couple of weeks ago and go no reponses.
: >>My 200 is DEAD. Won't display anything. Battery light indicates
: >>charging. Even when plugged in, no display, no workee!!
: >> I talked to Uniden this AM and they say I need to spend nearly
: >>$40 on a new battery.
: >> HELP ME!!!

Open up the battery pack and check out each cell with a voltmeter. One cell may be bad. How have you been using the radio (on charge for long periods?). Is the battery pack registering any voltage at the contacts?
--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

6986. Hello, New to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-12-17 14:55:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <787681251.AA04952@rochgte.fidonet.org>
Source record: 264147

> From: willybg@primenet.com (Bill Moloney)
> Organization: Primenet

> Hello Everyone I am new to the internet and scanning. I have a

Welcome to the scanning superhighway. :-)

> The paperwork included with the scanner indicated that it was not
> capable of
> recieving cellular calls, however it appears to receive these calls.
> Is it possible??

Yep. Even if the actual cellular frequencies are blocked out, Bearcats are mostly dual-conversion receivers. Without getting too technical, this means that Bearcat scanners are prone to receiving signals approximately 21 MHz above the actual frequency of the transmission.

> however, the manual indicated that the best use would be to listen to
> ongoing sporting events. What sort of information could I possibly pick
up
> at a sporting event? I live in AZ and the Phoenix Open is coming in a
> month, could I use the scanner to pick up some neat and nifty info? If
so,
how
> might I go about this?

It sounds like you bought one of those Sportcats. They are specially packaged and marketed for sports fans who would not otherwise buy a scanner. As you have discovered, you can still use it to scan the things the rest of us already monitor. Personally, I think the most "nifty info" available at a sporting event is found on the local police, fire and EMS channels.

Email replies to: david.stark@rochgte.fidonet.org
Packet replies to: NF2G@WB2WXQ.#WNY.NY.USA.NA

==========
Join the Western NY Shortwave & Scanner Listeners' Net!
Mondays at 8:00 pm Eastern Time on the N2HJD "Megaplex" repeater system.
53.33 146.925 224.58 442.8 442.9 444.7
==========

6987. Re: UNlisted Freq's?

Newsgroup: rec.radio.scanner
Date: 1994-12-17 15:12:41 UTC
From: Mike Fletcher <fletcher@gate.net>
Message-ID: <Pine.A32.3.90.941217095627.26203A-100000@hopi.gate.net>
Source record: 264083
Cross-posted to: alt.radio.scanner,rec.radio.scanner

On 16 Dec 1994, Andy Domonkos wrote:

> In article <3cqmkd$15lb@bigblue.oit.unc.edu>, Sherrod Munday wrote:
> >
> > I might note that some time ago, a poster mentioned that in at least one
> > case, the PD was using a frequency licensed to an individual police
> > officer. That way, it doesn't show up on the public records as anything
> > that would attract attention, unless you knew the names of all the cops in
> > you area.
> >
> > (Or maybe I heard this from the local PD...).

One possibility that happens quite frequently is the use of "local government" frequencies for police and/or fire use. Some small cities may use 1 freq for police, fire, water and road dept. but the usual is when all "Police" frequencies are in use in or near a metro area, the police may apply for and get a "local government" channel and use it for police use. Try any frequencies listed for any type of use by the jurisdiction you want and you may find the police using them..hope this helps..

> >
> > You could try my tactic: The "Bold-and-up-front" "Ask-'em" method.
> > You'll usually get stonewalled over the phone, and they'll tell you that
> > they aren't allowed to reveal that "classified" information, but that's
> > usually baloney. Go get yourself a copy of the Freedom of Information Act
> > off one of the ftp servers, and also a copy of the ECPA (we all know what
> > that is, right? :)
> >
> > The ECPA say's it's legal to monitor police comms (unless it would
> > compromise the officer's safety in certain situations), and the FOIA says
> > you can get government records with the same restrictions. (I'm omitting
> > a _whole_ lot of other stipulations and ramifications, but that's the
> > idea of them.) Check them yourselves before you try to start quoting tehm
> > to the cops or anybody else so you son't sound too stupid if they
> > challenge you (Shall I open my mouth here for my own foot? :)
> >
>
> ....snip
>
> >
> > Good luck, and I'd like to hear other's experiences on this idea.
> >
> > Sherrod
> >

>
> All frequency allocations licensed by the FCC are available in any of the
> current data bases on the market (ie; no hidden freq's)
>
> Andy

True Andy, but you may have to try different names ie.
City of Gotham
Gotham Police Dept
Chief Bat E. Man, Gotham City Police
Gotham City Department of communications,
>
For those trying to find frequencies, you may have to look a little
deeper in the freq. guide and try other names for the city, etc and also
look in the other radio services listed and see if the people you want to
hear are using other government freqs.
happy scanning..... Mike.....

fletcher@gate.net

6988. ScanStar Commercial Edition

Newsgroup: rec.radio.scanner
Date: 1994-12-17 15:41:56 UTC
From: Keith@elgin.demon.co.uk
Message-ID: <787678916snz@elgin.demon.co.uk>
Source record: 264075

On page 76 of Monitoring Times (December 94) there is an advert for a computerised scanning package called "ScanStar Commercial Edition" with a BBS number to download a demo version of the package. The number is in the CA area 1-408-258-6462 with baud rate between 2400-9600 N81, login as guest.

Has any members of this newsgroup downloaded the demo yet and if so how about emailing a copy to me. International phone calls are a bit expensive in this part of the world, so if any scanner user if the CA area would like to help I would be most grateful.

Thanks in advance.
--

```
+-------------------------------------------------------------------------+
| Keith Elgin | | |
| | _ | |
| Internet : keith@elgin.demon.co.uk _____________|_( )_|_____________ |
| Voice : +44 (0)265 43575 o +|+ [ ( o ) ] +|+ o |
| Amateur : GI7S0B *[_]---[_]* |
+-------------------------------------------------------------------------+
```

6989. Re: ICOM scanners, any good?

Newsgroup: rec.radio.scanner
Date: 1994-12-17 16:00:44 UTC
From: jpotts@crl.com
Message-ID: <3cv1vc$sn1@crl10.crl.com>
Source record: 264148
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I would not recommend the ic-r1 for use as a primary scanner to anyone. It does have a nice small size and some nice features but it suffers from extreme intermod, the audio is very poor, and the selectivity is basically non existent. The are other handheld scanners out there that would do a better job. It is ok as a secondary scanner (as I use it).

I hope this helps.

John Potts

6990. Re: Yupiteru 7100 Manual Needed

Newsgroup: rec.radio.scanner
Date: 1994-12-17 16:20:06 UTC
From: stephenx1@aol.com
Message-ID: <3cv33m$84c@newsbf01.news.aol.com>
Source record: 264149

In article <783255081snz@javiaton.demon.co.uk>,
Clough@javiaton.demon.co.uk (Jonathan Clough) writes:

I'd like to see you make it available. As you know, the factory-original
manual is rather incomplete and (IMHO) a poor translation from the
Japanese version.

6991. ***** FOR SALE: PRO-39 SCANNER *****

Newsgroup: rec.radio.scanner
Date: 1994-12-17 17:10:28 UTC
From: slikvicman@aol.com
Message-ID: <3cv624$8lf@newsbf01.news.aol.com>
Source record: 264150

Pro-39 about 1 year old. 200 Channels + 800 band (cellular locked but easily modifyable). It has no manuals, unfortunatly. Its not very hard to use. I will inclue a 25-1296Mhz antenna + a power adaptor and batteries. I am asking $160.00 but will take the best offer. Would like to sell by 1995. If you have ANY questions, contact me at SlikVicMan@AOL. Thanks alot.

6992. Re: TR-2400

Newsgroup: rec.radio.scanner
Date: 1994-12-17 17:15:15 UTC
From: slikvicman@aol.com
Message-ID: <3cv6b3$8mm@newsbf01.news.aol.com>
Source record: 264151

In article <dadamsCyDJB8.6yA@netcom.com>, dadams@netcom.com (Dean Adams) writes:

From what I know, ACE Communications will Unlock Cell for you on request upon purchase.

6993. Re: Broward County Fl Trunking system ?

Newsgroup: rec.radio.scanner
Date: 1994-12-17 17:25:25 UTC
From: slikvicman@aol.com
Message-ID: <3cv6u5$8p7@newsbf01.news.aol.com>
Source record: 264152

In article <3a3d6k$1d1c@tequesta.gate.net>, habu@gate.net (Michael Fink) writes:

Don't say that! I live in Coral Springs, I love scanning. It seems everything is trunked now. Is Broward trunked? SlikVicMan@AOL.COM

6994. TR 2400

Newsgroup: rec.radio.scanner
Date: 1994-12-17 17:30:13 UTC
From: slikvicman@aol.com
Message-ID: <3cv775$8qi@newsbf01.news.aol.com>
Source record: 264082

I would GREATLY like some opinion on this 449 1Mhz - 2060MHz scanner?

6995. Re: Unlawful conversion?

Newsgroup: rec.radio.scanner
Date: 1994-12-17 17:33:13 UTC
From: ddillon@csulb.edu
Message-ID: <3cv7cp$mev@garuda.csulb.edu>
Source record: 264153
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Terry Steinford (tls@gate.net) wrote:
: Walter R Francis (WALLY@ukcc.uky.edu) wrote:
: : I have been unable to figure out what this means, if anyone could
: : help me out I'd appreciated it..
: Unlawful conversion is a fancy legal term for theft; i.e. the property of
: one person is "converted" into the property of another person, at least
: until he is caught.

I would have assumed that it meant the unlawful conversion of a firearm
to an illegal firearm. For example: Sawed off shotgun, too many rounds
in a modded clip, full auto conversion, silencers, ect
dd
You will be able to figure it out from the context of the transmission.

6996. Sell PRO-32

Newsgroup: rec.radio.scanner
Date: 1994-12-17 18:17:25 UTC
From: jmaio@swcp.com
Message-ID: <jmaio.73.0019A389@swcp.com>
Source record: 264154

I have a PRO-32A for sale. 200 channel, direct entry, covers 30-54 mhz,
108-136mhz, 138-174mhz, and 380-512 mhz ranges.

Asking $95.00 including shipping via UPS ground.

John Maio, Albuquerque, NM |jmaio@swcp.com
|WB2ARS@WB2ARS.NM.USA.NA

"Be careful about what you ask for - you might just get it"

6997. PRO-2032 ?

Newsgroup: rec.radio.scanner
Date: 1994-12-17 18:34:07 UTC
From: kurth@crl.com
Message-ID: <3cvauv$cn1@crl5.crl.com>
Source record: 264155

The local RS has the PRO-2032 on sale for $200 as long as they last.

Is this a good price for this model ?

Is this model capable of picking up celluar freqs or mod for celluar ?

thanks,
kurt

6998. Re: Unlawful conversion?

Newsgroup: rec.radio.scanner
Date: 1994-12-17 22:04:16 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3cvn90$2mb@nntp.crl.com>
Source record: 264164
Cross-posted to: alt.radio.scanner,rec.radio.scanner

ddillon@csulb.edu (Daniel Dillon) wrote:
>
> Terry Steinford (tls@gate.net) wrote:
> : Walter R Francis (WALLY@ukcc.uky.edu) wrote:
> : : I have been unable to figure out what this means, if anyone could
> : : help me out I'd appreciated it..
> : Unlawful conversion is a fancy legal term for theft; i.e. the property of
> : one person is "converted" into the property of another person, at least
> : until he is caught.
>
> I would have assumed that it meant the unlawful conversion of a firearm
> to an illegal firearm. For example: Sawed off shotgun, too many rounds
> in a modded clip, full auto conversion, silencers, ect
> dd
> You will be able to figure it out from the context of the transmission.
>
Unlawful conversion is a financial term. If you give me a bad check and
receive something of value for instance that is a form of unlawful
conversion. If you bring back goods that you stole and expect me to
give you a cash refund that may possibly be unlawful conversion,
I am not positive though.

Vic

6999. AR8000 and CB mobile antenna

Newsgroup: rec.radio.scanner
Date: 1994-12-17 22:22:25 UTC
From: Flying Turtle <vhealey@crl.com>
Message-ID: <3cvob1$2un@nntp.crl.com>
Source record: 264168
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I hooked up the AR8000 to a CB mobile antenna today. Suprise, I
received the Denver Col time checks on 5. 10. and 15. clearly.
The signal on 15. K was extremely strong as the day wore on
as expected. Broadcast SW came in acceptable also while mobile.
I was able to copy the BBC around 9:30AM EST around 9+ K.

I noticed that I had some interfernce from a fan in the heater.
I don't have this on the higher frequencies. CB 27.185 came in
acceptablely but I think a dedicated CB probably would do better
on that frequency. I meant to try putting that in priority
with a check around ever 9 seconds but I forgot to.

This radio can be set to scan acceptably for AM signals
which makes looking thru the SW broadcast bands rather nice.
It scans these better then the Grundig 700 I just sold.

7000. Re: Dipole for cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-12-17 22:23:04 UTC
From: julian@kesteven.win-uk.net
Message-ID: <305@kesteven.win-uk.net>
Source record: 264156

In article <3cjgki$1sh@vixen.cso.uiuc.edu>,
Michael E. Raub (mraub@prairienet.org) writes:
>Can anyone tell me how long each leg of a dipole cut to recieve cordless
>telephone frequencies (49MHz) should be.

Aprox 1.5m (that's close enough if you don't wish to transmit).

Should the dipole be mounted vertically

In most cases yes.

>or horizontically,

Not Normally

>or does it make any difference?

Yes, orientation of the receiving antenna must match that of the
transmitter to maximise signal level.

Merry Solstice :-)
Julian.
--

/==\ /================\
Julian C. Grammer (julian@kesteven.win-uk.net)		(G1EKW)
Kesteven Communications, London W13, UK		(0) - (0)
+44 (0)181 723 6415 ||	
The views expressed herein are my own.		\ V /
They are also those of the company.		_____/
\==/ \================/

7001. Re: AR8000 i.f.

Newsgroup: rec.radio.scanner
Date: 1994-12-17 22:32:47 UTC
From: julian@kesteven.win-uk.net
Message-ID: <306@kesteven.win-uk.net>
Source record: 264157

In article <3cmupm$mu8@sparc.occ.uky.edu>,
Jim Dantin (jadantin@ndlc.occ.uky.edu) writes:
>Has anyone figured out what the i.f. is for the AR8000? It's time to
^^^
>search out some forbidden images!

one only?

Good luck,
Julian.

/==\ /================\
Julian C. Grammer (julian@kesteven.win-uk.net)		(G1EKW)
Kesteven Communications, London W13, UK		(0) - (0)
+44 (0)181 723 6415 ||	
The views expressed herein are my own.		\ V /
They are also those of the company.		_____/
\==/ \================/

7002. Need 216 Mhz coverage

Newsgroup: rec.radio.scanner
Date: 1994-12-17 22:35:26 UTC
From: John Kirby <jkirby@mcs.com>
Message-ID: <3cvp3e$mum@News1.mcs.com>
Source record: 264158

12/17/94
Awhile back I posted a request for 216 Mhz coverage in a low end hand held scanner. It was suggested that Grove had a converter that covered that range, however their converter doesn't start until 220. Does anyone know of a handheld, other than your $400+ full coverage models? I'am looking for one to use in animal tracking to pick up signals between 216-217 Mhz, I would be using a directional yagi. Older/discontinued model numbers would also be appreciated if anyone knows of any. Thanks in advance for any input.

John A. Kirby jkirby@mcs.com
Saint Charles, Illinois _____
60174 A CITIZEN IN THE STATE OF YARAK

7003. Motorola Advisor Software...

Newsgroup: rec.radio.scanner
Date: 1994-12-17 23:04:17 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Dec17.190102.1@cad3.uccb.ns.ca>
Source record: 264159

Looking for Advisor Paging Software or something similiar.
Ron

7004. E-Mail Addresses For Int'l Broadcasters

Newsgroup: rec.radio.scanner
Date: 1994-12-17 23:07:17 UTC
From: g9153402@huey.csun.edu
Message-ID: <3cvqv5$a25@nic-nac.CSU.net>
Source record: 264160
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Last Updated: 12/17/94 (One Correction For Austria)

E-Mail Addresses For Shortwave Broadcasters
(No guarantee for accuracy, though)

World Radio Network (satellite feed of international broadcasts)
wrn@cityscape.co.uk

IPS Australia
rwc@ips.oz.au

Radio For Peace International (Costa Rica)
rfpicr@nicarao.apc.org

Radio Havana
radiohc@tinored.cu

Radio Prague
cr@radio.anet.cz

Radio HCJB (Ecuador)
DX Partyline, The Latest Catch, and frequency matters,
e-mail to: rmcvicar@mhs.hcjb.com.ec for Rich McVivar.
jbeck@mhs.hcjb.com.ec for John Beck
English Department: english@mhs.hcjb.com.ec
ftp site: nw311.hcjb.com.ec

Italy
Nexus - International Broadcasting Association - (IRRS)
7,125 Khz
100020.1030@compuserve.com
100020.1013@compuserve.com Alfred Cotroneo

Radio Netherlands
letters@rnw.nl
letters@rn-hilversum.nl
Jonathan Marks: 3382983@mcimail.com

Radio New Zealand International
adrian@actrix.gen.nz
ajsainsbury@swell.actrix.gen.nz

Radio Sweden
wood@stab.sr.se George Wood
70247.3516@compuserve.com

BBC World Service
iac@bbc-ibar.demon.co.uk
World Wide Web: http://www.bbcnc.org.uk

Full Disclosure Live
fd@wwa.com Glen Roberts

Monitor Radio International (WCSN, WSHB, KHBI)
Letters/Reception Reports: letterbox@csms.com
Technical Questions: letterbox-tech@csms.com
WCSN Station Manager Bob Stessel: stes@wcsn.csms.com
KHBI Station Manager Doming Villar: doming@khbi.csms.com
WSHB Senior Station Manager Ed Evans: cee@wshb.csms.com
QSL Coordinator Judy Cook: judy@wshb.csms.com

Radio Free Europe/Radio Liberty
David Walcutt: walcuttd@rferl.org

Spectrum DX Program at WWCR Nashville
spectrum@overleaf.com
askspectrum@attmail.com
spectrumshow@genie.geis.com

Austria
Shortwave Panorama at Radio Austria International
kwp@rai.ping.at (Wolf Harranth OE1 WHC)
wolf_harranth@p44.f22.n310.z2.fidonet.org
wolf.Harranth@p44.f22.n310.z2.st.co.at

Belgium
BRTN (Belgian Radio & Television - Dutch Language Network)
Radio Vlaanderen Internationaal
rvi@p5.f878.n292.z2.fidonet.org

Radio Denmark
rdk.ek@login.dknet.dk Erik Koie

Radio Finland
rfinland@yle.mailnet.fi

Germany
Deutsche Welle
harald.schuetz@dw.gmd.de
solbach@dw.gmd.de
Radio Ropa (DX-Report) dx-report@ng-box.wwb.sub.de

Honduras
Radio Copan International HRJA
71163.1735@compuserve.com

Radio Miami International WRMI
71163.1735@compuserve.com

WWCR, Nashville, TN
nmks01a@prodigy.com

nmks01b@prodigy.com Adam Lock

From VOA's Gopher. Last Updated: November 1994

Contacting VOA and Worldnet by Electronic Mail

At this time, only a few public electronic mail addresses are available
for VOA and Worldnet. These are listed below.

We do not maintain a public directory service of electronic mail
addresses for members of our staff and we regret that we are not able
to respond to individual requests for electronic mail addresses.

Publicly Available Electronic Mail Addresses for VOA and Worldnet
==========

General Information
---

info@VOA.GOV Electronic mail information server.
Send a message with the contents
"send help" to this address for
instructions on how to use this
service.

letters@VOA.GOV General correspondence to the Voice
of America and Worldnet Television
from outside the United States

letters-usa@VOA.GOV General correspondence to the Voice
of America and Worldnet Television
from the United States

pubaff@VOA.GOV Public Affairs Office for the Voice
of America and Worldnet Television

qsl@VOA.GOV VOA reception (QSL) reports from
outside the United States

qsl-usa@VOA.GOV VOA reception (QSL) reports from
the United States

VOA-Info-Request@VOA.GOV Use this address to request inclusion
in an irregular mailing list of VOA
and Worldnet public announcements.

Specific VOA Programs
---

agri@VOA.GOV Agriculture Today

cw@VOA.GOV Communications World

VOA-Europe@VOA.GOV VOAEurope Service (English)

VOA-Morning@VOA.GOV Worldwide English Morning Program

Broadcasts to Cuba
----

ocb@USIA.GOV Radio and TV Marti

VOA Internet Audio

The following electronic mail addresses are intended for users who
have questions or comments regarding the audio files available on
the VOA and Worldnet public server.

arabic_program@VOA.GOV Arabic

cantonese_program@VOA.GOV Cantonese

chinese_program@VOA.GOV Standard Chinese (Mandarin)

czech_program@VOA.GOV Czech

english_worldwide@VOA.GOV English worldwide program thread

french_program@VOA.GOV French-to-Africa

hindi_program@VOA.GOV Hindi

hungarian_program@VOA.GOV Hungarian

korean_program@VOA.GOV Korean

polish_program@VOA.GOV Polish

russian_program@VOA.GOV Russian

slovak_program@VOA.GOV Slovak

spanish_program@VOA.GOV Spanish

swahili_program@VOA.GOV Swahili

ukrainian_program@VOA.GOV Ukrainian

7005. The Radio Spectrum, A General Guide

Newsgroup: rec.radio.scanner
Date: 1994-12-17 23:08:19 UTC
From: g9153402@huey.csun.edu
Message-ID: <3cvr13$a25@nic-nac.CSU.net>
Source record: 264161
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Last Updated: November 15, 1994

THE RADIO SPECTRUM

This is an approximate look, to help in searching frequencies on a scanner or shortwave radio. Just be aware, having the right frequency may not be enough, in tuning to a certain frequency. The time of day, atmospheric conditions, location, mode you're in (AM, SSB, Narrowband FM, Wideband FM, etc.), and your equipment, are also equally important. You'll find most transmissions are broadcasted in Narrow-band FM. Some main exceptions are shortwave (AM & SSB), commercial AM radio (AM), commercial FM radio (Wideband FM), television (Wideband FM), citizens band radio (AM & SSB), aeronautical communications (mostly AM), and some military VHF/UHF (Wideband FM). Most all scanners will pick a default mode for you, depending on what frequency band you are in. But many scanners also let you manually switch between modes (AM, FM, etc.) and frequency search spacing (5 khz, 12.5 khz, etc.) if the default modes are not correct. Happy Listening!!!

FREQUENCY USES/SERVICES
(in Megahertz unless
otherwise indicated)
---

10 - 150 khz Military/government, submarine
(.01 - .15 MHz) communications.

150 - 535 khz Longwave Band, beacons, foreign broadcasts,
(.15 - .535 MHz) maritime.

535 - 1700 khz Your standard AM radio dial.
(.535 - 1.7 MHz)

1.7 - 30 Shortwave/High Frequency Band. Broadcasting,
two-way government, military and commercial
communications, amateur radio, CB radio (approx.
27 MHz), others.
Shortwave - Approx. Range Meter Band
1.8 - 2.0 160*
2.3 - 2.495 120
3.2 - 3.4 90
3.5 - 4.0 80*
3.9 - 4.0 75
4.75 - 5.06 60

5.9 - 6.2 49
7.0 - 7.3 40*
7.1 - 7.35 41
9.4 - 9.9 31
10.1 - 10.15 30*
11.6 - 12.1 25
13.57 - 13.87 22
14.0 - 14.35 20*
15.1 - 15.8 19
18.068 - 18.168 17*
17.48 - 17.9 16
18.9 - 19.02 15
21.0 - 21.45 15*
21.45 - 21.75 13
24.89 - 24.99 12*
25.6 - 26.1 11
28.0 - 29.7 10*
(In general, the lower shortwave frequencies
<higher meter band> are received better during
the night, while higher frequencies are re-
ceived better during the day. There are also
some amateur radio bands between many of these
shortwave bands(*). Consult a shortwave guide
for more detailed information.)

30 - 50 Very High Frequency Band. Government, business,
walkie-talkies. Also, cordless phones and
'baby monitors' found about 46 - 49 MHz.

50 - 54 Amateur radio 6 meter band.

54 - 72 TV Channels 2-4.
Channel 2 Audio (Wideband FM) 59.75
Channel 3 Audio (Wideband FM) 65.75
Channel 4 Audio (Wideband FM) 71.75

72 - 76 Manufacturing, remote control, eavesdropping
bugs, etc.

76 - 88 TV Channels 5-6.
Channel 5 Audio (Wideband FM) 81.75
Channel 6 Audio (Wideband FM) 87.75

88 - 108 Your standard FM radio dial.

108 - 136 Aeronautical communications (AM).

136 - 138 Satellites.

138 - 144 Military communications.

144 - 148 Amateur radio 2 meter band.

148 - 150.8 Military use.

150.8 - 174 Business, highway, law enforcement, government, weather, maritime.

174 - 216 TV Channels 7-13.
Channel 7 Audio (Wideband FM) 179.75
Channel 8 Audio (Wideband FM) 185.75
Channel 9 Audio (Wideband FM) 191.75
Channel 10 Audio (Wideband FM) 197.75
Channel 11 Audio (Wideband FM) 203.75
Channel 12 Audio (Wideband FM) 209.75
Channel 13 Audio (Wideband FM) 215.75

216 - 220 Maritime and aeronautical.

220 - 222 Land mobile communications.

222 - 225 Amateur radio.

225 - 400 Military aviation and space.

400 - 406 Military and government.

406 - 420 U.S. Government.

420 - 450 Amateur radio.

450 - 470 Ultra High Frequency Band. Business, industry, military, fire, government.

470 - 512 TV Channels 14-20, shared with law enforcement.

512 - 824 TV Channels 21-69.

824 - 849 Cellular telephones (receivers/handsets).

849 - 851 Aeronautical telephones (ground-based towers).

851 - 866 Business, public safety, trunked systems.

866 - 869 Public safety, law enforcement, trunked systems.

869 - 894 Cellular telephones (towers).
Note: Even though listening to cellular telephone calls is technically illegal in the United States, one will usually do better listening to calls on the tower frequencies, as opposed to the handset frequencies. This is because most cellular phones transmit less than one-watt of output. So unless the cellular phone is very close to you, you will have much more luck scanning the more powerful towers, which transmit/receive for each cell site.

894 - 896 Aeronautical telephones (handsets).
Note: In scanning airplane telephones, you will usually do better listening to the handset

frequencies, instead of the tower frequencies, unless you are very near a ground transmitter. But, in any event, call traffic heard on handset frequencies (which are transmitted from a high-powered transmitter on the aircraft) you may hear nothing at all, or many conversations, depending on your location and time of day.

896 - 901 Private land mobil units.

902 - 928 Land mobile, amateur radio, personal communication units, cordless telephones.

928 - 932 Radio paging.

935 - 940 Business radio.

941 - 944 Government and non-government fixed services.

944 - 952 Broadcasters' studio-to-transmitter links.

952 - 960 Private fixed services, paging.

960 - 1240 Aeronautical navigation.

1240 - 1300 Amateur radio.

1300 - 1350 Aeronautical navigation.

1350 - 1400 Radio location.

1400 - 1427 Radio astronomy.

1427 - 1429 Point-to-point, mobile, space.

1429 - 1660.5 Various satellite transmission uses.

1660.5 - 1668.4 Radio astronomy.

1668.4 - 1700 Meteorological aids.

1700 - 1850 Meteorological satellites, U.S. Government.

1850 - 1990 Fixed point-to-point, microwave.

1990 - 2110 Broadcast studio-to-transmitter links.

(end)

7006. Fast Food Frequencies Nov. 1994

Newsgroup: rec.radio.scanner
Date: 1994-12-17 23:09:21 UTC
From: g9153402@huey.csun.edu
Message-ID: <3cvr31$a25@nic-nac.CSU.net>
Source record: 264162
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Last Updated: November 1, 1994

Since there has been quite a few posts wanting this data, here is a list of fast food frequencies that is listed in the November issue of Monitoring Times. But be aware, the FCC isn't exactly issuing frequencies to every fast food chain for their own use, and that any fast food restaurant can buy whatever low powered FM transmitters / receivers they need for their store at an electronics shop. Anyway, just stick the below in one of your scanner's channel banks, and see what comes up. All this talk about food is getting me hungry.

Gourmet Restaurant Frequencies
------------------------------ ----------------------------------

Arby's 30.84 31.00 154.57
457.55 479.25

McDonald's 35.12 67.775 70.245
71.105 154.49 154.58
461.0375 463.2875 466.0375
468.2875 469.5125

Hardee's 30.84 31.00 35.02
151.685 151.805 464.0125
469.0125

Kentucky Fried Chicken 31.00 170.305 457.5375
457.5875

Taco Bell 30.84 154.57 465.8875

Wendy's 33.16 33.40 154.515

Burger King 30.84 457.55 465.8875
467.775

7007. Re: Cellular Telephone Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-12-17 23:23:20 UTC
From: g9153402@huey.csun.edu
Message-ID: <3cvrt8$ad6@nic-nac.CSU.net>
Source record: 264163
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Rice Cube (tching@bilge.water.ca.gov) wrote:
> In article <3cngv7$lkc@oak.oakland.edu>,
> The Irrelevant Talk Guru <dpatel@ss0.eng.wayne.edu> wrote:
> >The following are the frequencies for Cellular Telephones.

<STUFF DELETED>

> >
> I thought the spacing was 30KHz. Hence, you're missing some
> channels in there. (and others, but I deleted the rest of the list to
> save your screens from scrolling).
> Let it be known, I don't endorse eavesdroping too.

Spacing is 30 Khz. The tower frequencies are generally in the 869 -
894 Mhz range (the one's one usually listens to on a scanner), and
the handset frequencies are 824 - 849 Mhz. There are about 1,000
frequencies to search in each of those bands, so in searching those
frequencies, you obviously use your scanners search mode, as it
wouldn't make sense to try to program them in your channel banks.
Not many scanners go up to 1,000 channels, so you couldn't program
them all even if you wanted to.

7008. Re: TRIDENT 2400

Newsgroup: rec.radio.scanner
Date: 1994-12-18 00:18:50 UTC
From: schuster@panix.com
Message-ID: <3cvv5a$jv5@panix3.panix.com>
Source record: 264165

In article <3cv5fd$8i9@newsbf01.news.aol.com>,
SlikVicMan <slikvicman@aol.com> wrote:
>Ever hear of a company called TRIDENT. A $449.00 scanner with .1MHz to
>2060MHz. Its nice, any body know about it or anything?

Trident is the brand that ACE Communications started using when they lost
the distribution rights for AOR. They are made in the same factory as many
AOR models (***NOT*** the AR8000) by Nissei Electronics of Japan ...
along with Camnis, Fairmate, etc.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

7009. Re: TR-2400

Newsgroup: rec.radio.scanner
Date: 1994-12-18 00:19:38 UTC
From: schuster@panix.com
Message-ID: <3cvv6q$k1o@panix3.panix.com>
Source record: 264166

In article <3cv6b3$8mm@newsbf01.news.aol.com>,
SlikVicMan <slikvicman@aol.com> wrote:
>In article <dadamsCyDJB8.6yA@netcom.com>, dadams@netcom.com (Dean Adams)
>writes:
>
>From what I know, ACE Communications will Unlock Cell for you on request
>upon purchase.

Considering the fines they paid the FCC last year for selling uncertified
scanners, I seriously doubt that.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

7010. arrl -bbs ?

Newsgroup: rec.radio.scanner
Date: 1994-12-18 00:40:04 UTC
From: jconsole@panix.com
Message-ID: <3d00d4$2gf@news.panix.com>
Source record: 264167

anybody know if arrl has a bbs?

thanks

7011. Re: Help please!!! Trucking Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-12-18 01:38:09 UTC
From: brueger@larry.wyvern.com
Message-ID: <brueger.787714689@larry>
Source record: 264169

rolewis@gopher.chem.wayne.edu (Ronald Lewis) writes:

>Hello Scanner Listener. For christmas, I'll be getting Uniden's
>BC147XLT-1 16 channel scanning radio. I'm very excited about this.
>Anyways, I love trucking, and hopefully someday I can have my own
>company!! Well, I recently received the specs on this scanner and I
>realized that the freq. coverage started at 29mhz. I was told that Ch.
>19 which is used by truckers is 27.185! I won't be able to listen in!
>I'm no upset, but I'll be missing the fun. Are there any other freqs
>that I can use to enjoy! I'm really interested in freqs that enables me
>to listen to J. B. Hunt & Schneider National drivers. Please help me!

> Ron

Ron,

I can't help you much with more freqs for trucker but if you could convience
whom ever is getting you this scanner to get you a Radio Shack 2004, 2005,
or 2006 then you will be able to get the CB freqs.

Radio Shacks Short Wave radios also pick up 27 mhz - CB.

Brian
--

Brian J. Rueger	Hampton Division of Fire & Rescue	"Who dares win"
Medic/Firefighter	Squad-7 (Advanced Life Support)	Soon to be -
Hampton, VA.	Email - brueger@infi.net	NREMT-P

7012. Tulsa, OK race freqs wanted

Newsgroup: rec.radio.scanner
Date: 1994-12-18 02:05:42 UTC
From: darian@MCS.COM
Message-ID: <3d05dm$9vu@Mercury.mcs.com>
Source record: 264170
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I was wondering if anyone might have some frequencies for the
upcoming Chili Bowl Race in Tulsa, OK (Jan 12-14). I would greatly
appreciate anything you have to offer! :) Thanks in advance.
--

+---+
| Darian Mychals darian@mcs.com |
| PC specialist/Network troubleshooter by day... |
| Emergency Medical Technician (EMT) by night! |
| =-=-=-=-=-=-=-=-=-=-=-=-=-=-= |
| ftp: ftp://ftp.mcs.com/mcsnet.users/darian |
| WWW: http://www.mcs.com/~darian/home.html |
+---+

7013. Re: Some questions on scanner use, Pro-39

Newsgroup: rec.radio.scanner
Date: 1994-12-18 02:29:14 UTC
From: pheel@panix.com
Message-ID: <3d06pq$g9e@panix2.panix.com>
Source record: 264171

Seth Padowitz (sethp@coolidge.harvard.edu) wrote:
: I have a few questions.

: 4. Where can I get a nice carying case for my scanner? The ones
: at RS didn't impress me particularly.

Try a local camera store. A few of the nylon cases will accomodate a scanner.

Also check your local army surplus or police equipment store. They usually carry some handheld holsters.

Mike

7014. Re: Anyone wanna buy a Pro2006?

Newsgroup: rec.radio.scanner
Date: 1994-12-18 03:01:21 UTC
From: TPHT45B@prodigy.com
Message-ID: <3d08m1$51qi@usenetp1.news.prodigy.com>
Source record: 264172

The asking price is what? THis is my first time on Usenet so I am not sure what to do.
I am on Prodigy so feel free to EMail me. Karin Brown TPHT45B

7015. Re: Uniden 1-800 phone #?

Newsgroup: rec.radio.scanner
Date: 1994-12-18 04:35:55 UTC
From: gantt@netcom.com
Message-ID: <ganttD0zorv.Erv@netcom.com>
Source record: 264087

zeus@access3.digex.net (The Pete-meister) writes:

>Can anyone tell me what the 800 number for Uniden is? Thanks in advance.
>Pete

Customer Assistance line is 800-297-1023

Call 800-555-1212 to see if they have any other 800 lines you may need.

--

Gantt Edmiston gantt@netcom.com
"If we can send a man to the moon, why can't we send Clinton?"

7016. 800 mhz questions

Newsgroup: rec.radio.scanner
Date: 1994-12-18 05:12:13 UTC
From: willybg@primenet.com
Message-ID: <willybg.3.00391D34@primenet.com>
Source record: 264091

Hi Guys,

General question. I live in an area where the PD is on 800mhz trunked system. I have read the information in the Police Call book about trunk systems and if what i read is correct, a computer switches transmissions to the next available frequency. This is opposed to each channel having its own frequency. While I have been listening, this appears to be true. Do I correctly have an understanding of the concept????

Next, while listening to the channels owned by the local PD, I heard telephone patches not related to the pd or the local government agencies using these 800mhz channels. Why is that??

Also, It appears that I am receiving cellular calls in the upper 800mhz and 900mhz freq. I thought I was not able to receive cellular calls?? R these really cellular calls? What are the general cellular mhz ranges

Lastly, anyone out there have an opinion on a Radio Shack Portable model 39. It has 200 channels, searcable upper and lower limits and receives 800 and 900 freq? Also is there any way to increase reception while the unit is in the house? Outside antenna? suggestions

7017. Bc 8500

Newsgroup: rec.radio.scanner
Date: 1994-12-18 05:27:57 UTC
From: kenneth@eri.erinet.com
Message-ID: <3d0h8t$grp@eri.erinet.com>
Source record: 264093

Is there a mod for the BC8500 to recieve full 800 MHz coverage?
Also any mode for the BC 2500XLT would be appreciated.

7018. Re: Inmarsat

Newsgroup: rec.radio.scanner
Date: 1994-12-18 06:25:09 UTC
From: jimc1790@aol.com
Message-ID: <3d0kk5$h84@newsbf01.news.aol.com>
Source record: 264095

In article <332.404.120@satcom.mhs.oz.au>, paul.britton@satcom.mhs.oz.au (Paul Britton) writes:

>Can you give me a bit more information on the feed horn and LNB/LNA you are
>using. I have a few ICR 100's and a R7000 but was going to build a coffee can
>feed from the Monitoring Times article, but the photo copy I have did not come
>out clear enough.

Paul,

You really don't need something that exotic. I use a verticle dipole feed at the centerpoint of my dish cut to 1540Mhz. If you have a good LNA a vert dipole will work fine.

Jim

7019. Re: Portable Scanner Recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-12-18 06:56:40 UTC
From: tree@kla.com
Message-ID: <3d0mf8$b8l@kla.com>
Source record: 264076

Jeff Goldman (76703.4224@CompuServe.COM) wrote:
: Wrong, BC2500XLTs made this year are NOT modifiable. Only BC2500XLTs
: datecoded "OLIC" (12/93) or earlier are modifiable.

: -Jeff
Also add date code OEIC as the BC2500XLT that I just bought scans the
entire 800Mhz band no prob.

Regards
--
<<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>>
The Tree ----:*] || Q: How many microsoft App. Engineers
tree@newkla.kla.com || does it take to screw in a light bulb?
Metrology Technical Support || A: None, they just declare darkness as
KLA Instruments San Jose, CA || the industry standard. =:*)
==============================<Disclaimer>================================
|| Any similarity between my opinions and those of KLA Instruments is ||
|| purely a coincidence and will never happen again I solemnly swear! ||
==

7020. Bearcat 200xlt question

Newsgroup: rec.radio.scanner
Date: 1994-12-18 07:02:59 UTC
From: jwerret@Pactime1.PacBell.COM
Message-ID: <1708F14423S86.JWERRET@Pactime1.PacBell.COM>
Source record: 264077
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I perfomed the modification to restore the 800Mz band and it worked great !
Does anyone know a mod to restore some of the other frequency gaps ?
Especially the 200Mz band.

Thanks

7021. 220 MHz business heard (sort of)

Newsgroup: rec.radio.scanner
Date: 1994-12-18 07:24:04 UTC
From: kg5ai@w5ac.tamu.edu
Message-ID: <3d0o2k$2ri@news.tamu.edu>
Source record: 264078

Been listening to data on 220.1925 MHz here in College Station for a couple of weeks. Data bursts on there very short and about every 10 seconds. Someone told me it is for a SMR type system where that data is the data channel. Does not sound like any users on the system yet. FCC service code for this is QT. What does this stand for? Anyone else hear activity in the 220-221 band? This is the base station band. Mobiles transmit up 1 MHz.

myles KG5AI

7022. Strange 454 MHz signals

Newsgroup: rec.radio.scanner
Date: 1994-12-18 07:26:06 UTC
From: kg5ai@w5ac.tamu.edu
Message-ID: <3d0o6e$2s3@news.tamu.edu>
Source record: 264079

Hearing some strange signals in the 454 MHz band the past few months.
They are NOT aircraft related nor do they seem to be phone/pager related.
Specific freqs here are 454.175, 454.250, 454.300, and 454.575 MHz.
The best way to describe the signals are that they sound like trunking data
channels (but not exactly). The 454.175 one sounds like is is *busy* for
lack of a better term. The other channels just have a buzzing sound.
Haven't researched it enough to determine if the 'busy' channel moves.
Think I found the tower it is transmitting on. City of transmitter would
be listed as Bryan, TX. No voice on this at all. I estimate power on this
to be about 50 watts. Gets out at least 30 miles. Anyone else hear this
stuff or can look it up in a more recent database?

myles KG5AI

7023. Pro-46 touchpad mod

Newsgroup: rec.radio.scanner
Date: 1994-12-18 07:55:46 UTC
From: dbarton@moe.cc.emory.edu
Message-ID: <3d0pu2$j9r@emoryu1.cc.emory.edu>
Source record: 264080

Greetings. Since there have been some requests lately I thought I would repost this spiffy mod for the Pro-46. This will not restore full 800 MHz coverage, but it will restore the hole b/t 868.9375, and 896.1125 with straight 30 kHz steps. All standard disclaimers apply, including but not limited to the following:

It is not legal to listen to other people's telephone conversations with radio and/or scanner equipment. This modification is provided for information purposes only, not as an attempt to encourage people to commit illegal acts. No warranty is offered, or should be implied.

PRO-46 TOUCHPAD MOD

This mod will give you access to several frequencies not in the Pro-46's normal scanning range. It will require you to erase all currently entered frequencies, so I suggest that you write them down on paper *before* you begin this process.

1. Turn off the power.
2. While holding down the 2, 9, and L/Out keys, turn the power back on.

This will erase the currently entered frequencies, and input freq.s into the first 25 memories. Of particular interest are the freq.s in the following memories:

#14: 66.450
#15: 76.825
#16: 87.425
#23: 888.96

Each of these freq.s is outside of the normal scanning range of the unit. #14 and #16 are in the TV range, #15 is in the land mobile range, and #23 is in the cellular range.

To use any of these freq.s, first store them in a monitor memory,* then once you have reprogrammed your scanner you can place them into a regular memory. You can then use the manual scan feature to search through the ranges these frequencies give you access to. You still cannot enter frequencies in these ranges manually, but any freq. stored in a monitor memory can be transferred to a regular memory. Best of luck.

*To place into a monitor memory, open the squelch all the way (so you hear static) and push one of the arrow keys. This will start the manual scan feature, but the frequency should not change because the squelch is open. You can then press the Monitor button to store the freq.

Permission is hereby granted to copy, transmit, archive, or send this file by any medium as long as it is reproduced in its entirety. Many thanks to those who submitted the info originally (sorry I lost the names).

--
"No free man shall ever be debarred the use of arms. The strongest reason for the people to retain the right to keep and bear arms is, as a last resort, to protect themselves against tyranny in government." - Thomas Jefferson

7024. Re: HELP - BC200XLT Dead, Uniden wants me to buy new battery

Newsgroup: rec.radio.scanner
Date: 1994-12-18 08:01:01 UTC
From: axanar@news.gate.net
Message-ID: <3d0q7t$337j@seminole.gate.net>
Source record: 264081

mlundy@snowhit.att.com (Mark Lundy (816)995-3887) writes:
> I posted this question a couple of weeks ago and go no reponses.
> My 200 is DEAD. Won't display anything. Battery light indicates
> charging. Even when plugged in, no display, no workee!!
> I talked to Uniden this AM and they say I need to spend nearly
> $40 on a new battery.
> HELP ME!!!
>
> Mark
>

Mark, they might be right. If you have a voltmetre, check and see if
you are getting any juice out of both the battery pack and the wall charger.
Several months ago, I had to replace my wall charger, it also would give
me a red "charging" indicator.

Hope this helps... Greg

7025. Cellular Telephone Freque

Newsgroup: rec.radio.scanner
Date: 1994-12-18 10:45:00 UTC
From: chris.boone@woodybbs.com
Message-ID: <93.1429.7592.0NFB7C71@woodybbs.com>
Source record: 264084

*** Quoting Dpatel@Ss0.Eng.Wayne.Edu to All dated 12-16-94 ***
> 916.550 MHz This is a digital, scrambled Frequency.
This is NOT a cellular freq...i may be a cordless phone you have run across
but the cell band stops below 902MHz..

73
Chris
WB5ITT

--- T.A.G. 2.7b Standard
* Origin: WBBS 409-447-4267 (1:106/4267)

7026. Re: VHF-Lo 42MHz CHP Receptio

Newsgroup: rec.radio.scanner
Date: 1994-12-18 11:44:33 UTC
From: vector@inferno.com
Message-ID: <8353YNHRLXMASPAEFQ@inferno.com>
Source record: 264112

i've been listening to chp in the san francisco bay area now for about 2 years. really helps out on my commute in the mornings and afternoons. i've been doing it mobile for the most part. i find that my 9ft cb whip works great for the reception. the problem is, most scanners aren't going to work all that well for receiving the mobile units, just because they don't receive low-band very well to begin with.

i find the traffic to be pretty sporadic as far as when i can hear them some days i can hear them as far as 60 miles away over hills and all, and others i'm lucky to hear a mobile that's more than a mile from me. on the average, though, i find i have decent mobile reception anywhere within a 15-20 mile radius around me. the cruisers are pushing typically 100 watts on their rigs, while the motorcycles are limited to 25 watts. i don't bother with the mobile extender freq (154.905) much since on my commute i often end up going from the 24 office (san jose) to the 25 office (oakland?) daily and the traffic from both overlap. it's really not worth my time to dial it up on my dual-band ham rig and tone squelch it out.

suggestions: about all you can do is make sure your antenna connections and ground plane (a must i find for chp) are good ones. try not to listen to more than one office at a time. san jose chp is 42.5 for the base and 42.28 for the mobiles. remove your delay on the channels, since you'll miss replies with it on. if you're not receiving the base signal/s (at the very least the base for your area) strong and at full quieting or close to it, you're either in a very bad area to begin with or you have something wrong with your antenna setup.

good luck

vector : greg

kd6ven

7027. Motorola Advisor Software...

Newsgroup: rec.radio.scanner
Date: 1994-12-18 11:55:51 UTC
From: vector@inferno.com
Message-ID: <9031NMWLOSTTGNFSFN@inferno.com>
Source record: 264085

IR>Looking for Advisor Paging Software or something similiar.
IR>Ron

add me to the list...

vector@inferno.com

7028. BC200XLT - Hyperscan Mod

Newsgroup: rec.radio.scanner
Date: 1994-12-18 12:53:23 UTC
From: st891591@pip.cc.brandeis.edu
Message-ID: <3d1bc3$ct7@news.cs.brandeis.edu>
Source record: 264110

Is there a mod to increase the scan rate on the Bearcat BC200XLT?

Ish Tam, EMT ST891591@pip.cc.brandeis.edu

7029. Re: HELP - BC200XLT Dead, Uniden wants me to buy new battery

Newsgroup: rec.radio.scanner
Date: 1994-12-18 15:06:18 UTC
From: ad225@detroit.freenet.org
Message-ID: <3d1j5a$ii4@detroit.freenet.org>
Source record: 264086

Shamefully, Uniden will let outlets like Service Merchandise sell
their 200 channel hand held scanners but will NOT allow them to
stock replacement rechargable battery packs.

You're forced to order them from the company at a cost that is
not competitive.

It happened to me and when I called Uniden they said, "sorry
we're out of stock and it'll be a couple weeks to a month before
we're back in supply." Ouch!

A friend of mine who is more technically oriented than I took
a dead battery pack apart and found it to really be just a
series of common rechargableseries of common rechargable batteries that are linked ... the
kind you can buy off the shelf at, say, Radio Shack.

I hope this helps you.
--
Gary Baumgarten
ad225@detroit.freenet.org

7030. Re: Motorola Advisor Software...

Newsgroup: rec.radio.scanner
Date: 1994-12-18 15:17:40 UTC
From: djs@netcom.com
Message-ID: <djsD10IHG.AI4@netcom.com>
Source record: 264088

vector@inferno.com wrote:

: IR>Looking for Advisor Paging Software or something similiar.
: IR>Ron

: add me to the list...

: vector@inferno.com

I saw a post somewhere last week that says AOL has a file called EPAGE.ZIP

I dont have access to AOL, and an Archie search did not find it for me.
Maybe some one can get it from AOL and make it available to all fo us?

don

--
djs@netcom.com
Donald J. Shelton "Papa, I don't want to be an Engineer,
Garland, TX I want to make money....."
K5VCZ Francois Barberis Age 10 has already figured it out!
Les Emondands, France

7031. Cordless Descrambled

Newsgroup: rec.radio.scanner
Date: 1994-12-18 15:38:00 UTC
From: darwin.teague@exnavy.esnet.com
Message-ID: <249.2029.352.0ND9E89F@exnavy.esnet.com>
Source record: 264120

JT>How can I unscramble Inversion Encryption (like cordless phones use)?

JT>Last night while pondering over this question I thought about using my
JT>DX-440 shortwave receiver to do the trick. The DX-440 has a BFO knob on it
JT>and I thought if I could somehow get the audio through the DX-440 I could
JT>just switch on the BFO and fine tune it and adjust it that way. My only
JT>problem is how do I get the audio from the scanner to the DX-440?? I
JT>thought of maybe using a small CB radio and broadcast the audio to the
JT>DX-440, but that is not very discreet and I don't have a CB... Maybe I
JT>could get one of those FM transmitters and hook that up to it (like RS
JT>Silent Play)... If anyone has any other suggestions please e-mail me or
JT>post here. All responses will be appreciated.

Here's a thought. The 440 has the capability of hooking up a 5 pin (I
think) DIN socket. If you see an old Commodore laying around, the jacks
on the back for the disk drive work just fine. It solders right in, and
you just remove a plastic plug to make room for it.

From the archives:

On the Sangean ATS-803A the DIN jack looks like this (I suppose it looks the
same on the modified DX-440), FACING THE DIN JACK:

```
(b)(a)
R R o o R F
A E \ | A R
D A (c) o--- [ (f) D O
I R / | I N
O o o O T
(d)(e)
```

a = left input (unconnected) d = right output b = right input
(unconnected) e = left output c = ground f =
locating hole

The DIN plug connections, then, must be exactly the same, FACING THE BACK
(WIRE SIDE) OF THE DIN PLUG. Attach the stereo plug, or LEFT and RIGHT mono
plugs, as above. total cost: about $7

One last note on taping from the ATS-803A/DX440: I don't believe this radio
can activate a tape recorder's remote control, but by using the radio timer
in conjunction with a voice activated tape recorder you can achieve the same
effect. I use a Radio Shack Minisette-20, and it works like a charm!

Did you see it? Left and right INPUT! I don't know if ther inputs are
hooked up on the 440, but it would be worth a try....
--- JCQWK

7032. Re: Is BC700A modifiable for cellular?

Newsgroup: rec.radio.scanner
Date: 1994-12-18 15:42:25 UTC
From: garyr2@ix.netcom.com
Message-ID: <3d1l91$f5h@ixnews2.ix.netcom.com>
Source record: 264089
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In <physbs.222.000D4422@muccmail.missouri.edu> physbs@muccmail.missouri.edu (Bernhard Stepke) writes:

>
>In article <3cne5e$1oa@homer.alpha.net> kbeckman@earth.execpc.com (Keith Beckmann) writes:
>
>>The BC700A is modifiable. I have not seen a BC700A that can not be
>>modified. The unit was replaced by the BC350A, which is not modifiable.
>
>Wrong. The BC350A is not a replacement for the 700. Rather the 700 is a 350
>which includes 800mhz. Both radios have been on the market on the while and I
>have owned both.
>---

> Bernhard Stepke, Ph.D. physbs@muccmail.missouri.edu
> Dept of Physiology University of Missouri
> Columbia MO 65212 (314) 882-7666
>---

>

Just bought a bc700a how can I modify for cellular?

7033. Re: Javiation

Newsgroup: rec.radio.scanner
Date: 1994-12-18 16:21:21 UTC
From: kirk baxter <baxter@kuhub.cc.ukans.edu>
Message-ID: <1994Dec18.112122.80901@kuhub.cc.ukans.edu>
Source record: 264094

Jeff Goldman <76703.4224@CompuServe.COM> wrote:
>
> You can order an AR8000UK from Jonathan Clough, owner of Javiation, by
> calling him at 011-44-274-732146 early in the day (since he's 5 hours
> ahead of the US East Coast). He takes Mastercard and VISA. Delivery
> only takes 2 days.
>
> I recommend the optional AOR vinyl case.
>

What are the costs of the AR8000 from Javiation with currency
conversion and shipping?

Thanks.

7034. Re: Hints On Scanning In Aircraft

Newsgroup: rec.radio.scanner
Date: 1994-12-18 16:28:16 UTC
From: Jennifer Day-Elgee <elgeej@news.nbnet.nb.ca>
Message-ID: <3d1nv0$sjc@darwin.nbnet.nb.ca>
Source record: 264090

This is very good advice from Doug. I have found my experiences similar. One difference, however. I ALWAYS ask to speak to the Captain when I board the plane, then show him my receiver and politely request that I be allowed to listen to the radio and follow the flight that way. I stress that it is a receiver only. Only once in ten years have I been refused permission to listen, and I haven't flown that airline since.
JDE

7035. Re: Is BC700A modifiable for cellular?

Newsgroup: rec.radio.scanner
Date: 1994-12-18 16:58:29 UTC
From: Andy Domonkos <domonkos@access.digex.net>
Message-ID: <3d1pnl$l8a@news1.digex.net>
Source record: 264092
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> In <physbs.222.000D4422@muccmail.missouri.edu> physbs@muccmail.missouri.edu (Bernhard Stepke) writes:
>
> >
> >In article <3cne5e$1oa@homer.alpha.net> kbeckman@earth.execpc.com (Keith Beckmann) writes:
> >
> >>The BC700A is modifiable. I have not seen a BC700A that can not be
> >>modified. The unit was replaced by the BC350A, which is not modifiable.
> >
> >Wrong. The BC350A is not a replacement for the 700. Rather the 700 is a 350
> >which includes 800mhz. Both radios have been on the market on the while and I
> >have owned both.
> >---
> > Bernhard Stepke, Ph.D. physbs@muccmail.missouri.edu
> > Dept of Physiology University of Missouri
> > Columbia MO 65212 (314) 882-7666
> >---
> >
>
> Just bought a bc700a how can I modify for cellular?

!WARNING!

SEARS is selling newer BC700A's that can not be modified...

Andy

7036. Re: PRO-2035 Anyone?

Newsgroup: rec.radio.scanner
Date: 1994-12-18 18:05:09 UTC
From: tomswisher@aol.com
Message-ID: <3d1tkl$ndf@newsbf01.news.aol.com>
Source record: 264096

In article <3ckqdv$ssr@newsbf01.news.aol.com>, tomswisher@aol.com (TomSwisher) writes:

>Re: BC3000XLT----I'm not sure if National Scanning has received on yet.

I just found out yesterday we have not gotten one yet but expect to get one soon. I did not know the 3000 had been completed yet. Now I know.

Tom Swisher, N8GQK
National Scanning

7037. Re: SCANNING ON PASSENGER

Newsgroup: rec.radio.scanner
Date: 1994-12-18 18:34:02 UTC
From: kc5iuz@n8naa.sat.tx.us
Message-ID: <FFLJXc4w165w@n8naa.sat.tx.us>
Source record: 264097

glenn.johnson@chrysalis.org writes:

> BTW - Check the approved devices list and radios and scanners are
> banned items, while tape players, cd players, and laptops are OK
> after takeoff.
>
> NOTE: IT IS A FELONY TO OPERATE BANNED EQUIPMENT ABOARD AIRCRAFT
> DURING COMMERCIAL FLIGHTS.
>
> ps: I'm glad I'm not flying this week!
>
> Glenn
> KB5VQI
> ---
> • SLMR 2.0 • My reality check just bounced.

Last time I saw, the RESTRICTED equipment list included VHF/UHF
receivers (Restricted equipment can be used at any time except
during taxi, takeoff, initial ascent, inital approach, and landing).
However, the BANNED equipment list included transmitters of any
kind, including Cell phones.

73 de KC5IUZ

C/Amn Nicholas McLarty, KC5IUZ
mcs@crl.com
n8naa!kc5iuz@datapoint.com
kc5iuz@n8naa.sat.tx.us
Texas 882nd AFJROTC Group; San Antonio, TX

For public PGP key, finger mcs@crl.com or e-mail an address above
PGP Fingerprint 64 29 66 2B B4 53 C2 8D 33 73 A7 33 16 78 D1 05

7038. Audio activated switch for tape recorder???

Newsgroup: rec.radio.scanner
Date: 1994-12-18 19:45:54 UTC
From: dhubba@access3.digex.net
Message-ID: <3d23hi$84d@access3.digex.net>
Source record: 264098

I'm looking for a device that will switch on a tape recorder once the squelch is broken on my scanner. The device would accept line level audio (e.g. headphone jack) as the input and provide audio out and a switched relay as the outputs. The audio out would feed the AUX on a tape recorder and the relay line would feed the REMOTE jack.

I've seen similar devices (e.g. voice activated switch and telephone recording devices) but nothing that accepts and passes line level audio.

If anyone knows of an available kit or completed unit, I'd sure appreciate it.

Thanks in advance,

Dave
--
****
dhubba@access.digex.net
J. D. Hubbard
****

7039. Re: Audio activated switch for tape recorder???

Newsgroup: rec.radio.scanner
Date: 1994-12-18 19:50:13 UTC
From: copeland@fohnix.metronet.com
Message-ID: <3d23pl$r9h@fohnix.metronet.com>
Source record: 264099

In article <3d23hi$84d@access3.digex.net>,
J. D. Hubbard <dhubba@access3.digex.net> wrote:
>
>I'm looking for a device that will switch on a tape recorder once the
>squelch is broken on my scanner. The device would accept line level
>audio (e.g. headphone jack) as the input and provide audio out and
>a switched relay as the outputs. The audio out would feed the AUX on
>a tape recorder and the relay line would feed the REMOTE jack.
>
>I've seen similar devices (e.g. voice activated switch and telephone
>recording devices) but nothing that accepts and passes line level audio.

Why not just buy a VOX recorder. Radio Shack has their $49 unit on
sale for $35 right now. I have a mod for it to shorten up the units
shut off time if you need it.

--

| There are two types of people in this world, those who separate |
| people into groups,and those who don't. copeland@metronet.com|

7040. Edmonton Ab. Frequencies Wanted

Newsgroup: rec.radio.scanner
Date: 1994-12-18 19:57:20 UTC
From: kfisher@freenet.edmonton.ab.ca
Message-ID: <3d2470$4t1@news.sas.ab.ca>
Source record: 264100

Is there anyone that might have some frequencies for Edmonton Alberta Canada ? Am looking for any frequencies ,particularily commercial frequencies.

7041. CTR-76 on sale at Radio Shack

Newsgroup: rec.radio.scanner
Date: 1994-12-18 19:59:55 UTC
From: copeland@fohnix.metronet.com
Message-ID: <3d24br$s5g@fohnix.metronet.com>
Source record: 264101

Radio Shack has its compact VOX recorder on sale again, perfect for
scanner'ers. Below is the mod to shorten up its hang time.

From russell1@intgp1.att.com Tue Apr 19 15:10:00 1994
To: copeland@metronet.com

>Unfortunately the "hang time" of the voice activator is nine seconds.
>This is to long, wastes tape between police call transmissions.
>
>DOES ANYONE HAVE SCHEMATICS FOR THIS YET?
>
>WHAT RESISTOR CONTROLS THE HANG TIME?

I was looking inside the CTR-76 and found that capacitor C23 was part
of the RC circuit for the hang time. I put a 12K ohm resistor in
parallel with C23 and now I have a very short hang time (maybe too
short depending on your needs, less than one second).

[try 10k-20k resistor]

--

| There are two types of people in this world, those who separate |
| people into groups,and those who don't. copeland@metronet.com|

7042. Help- liiking for DTMF decoder prog

Newsgroup: rec.radio.scanner
Date: 1994-12-18 20:08:29 UTC
From: Winston <76666.1001@CompuServe.COM>
Message-ID: <3d24rtqcs2@mhade.production.compuserve.com>
Source record: 264102
Cross-posted to: rec.radio.scanner,alt.2600,alt.radio.scanner

Looking for a prog to decode dtmf tones to a soundblaster pro
card. I did find one that works w/regualr wsb card, but not the
pro or sb16. Any help would be greatly appreciated.

--
In the pursuit of excellence in everything said and done...

7043. Re: arrl -bbs ?

Newsgroup: rec.radio.scanner
Date: 1994-12-18 20:10:15 UTC
From: mikesryan@aol.com
Message-ID: <3d24v7$ovg@newsbf01.news.aol.com>
Source record: 264103

In article <3d00d4$2gf@news.panix.com>, jconsole@panix.com writes:

Yes they have a BBS.

later,
N5UXQ

7044. pacific missles

Newsgroup: rec.radio.scanner
Date: 1994-12-18 20:17:00 UTC
From: derek.buchler@channel1.com
Message-ID: <40.13058.2433@channel1.com>
Source record: 264117

FT> What worries me is how accurate are those Chinese ICBM missles? They
FT> said the next time the US Navy messes with their boommers they are
FT> going to shoot to kill.

Speaking of the Chinese, did anyone here about a confrontation between
the USN and the Chinese back in late October? I heard/read somewhere
that it took place on two different days.

Derek
* RM 1.4 B0223 * I've felt better, but it cost more.

7045. Re: TR-2400

Newsgroup: rec.radio.scanner
Date: 1994-12-18 21:08:11 UTC
From: RAlpert@qm.ATTAIN.com
Message-ID: <RAlpert-1812941608110001@199.3.131.108>
Source record: 264104

I bought a Trident TR2400 from ACE and they said they supplied mods for receiving cell freqs, but when I received the unit the mods were a list of image frequencies that mapped to the cell band. It could receive the cellular tower frequencies, but not the cellular mobile frequencies.

When I called them to see if I could receive the real cell frequencies, they said they could not comment on it. I assume it can't receive the cell frequencies because they told me about other models that could.

My TR-2400 died after about an hour of using it, and I returned it.

In the hour of using it, it was a really great scanner. I have a Radio Shack Pro-51, and the TR-2400 was bringing in signals the Pro-51 couldn't, and it was much clearer.

If it didn't die, I would have kept the TR-2400, but they talked me into a different model. I'm not a cellular listener, but I figured since I'm buying a scanner, it might as well receive the whole range whether I use it or not.

By the way, the people at Ace were very pleasant to deal with, and they shipped the unit within a couple of days even thought they said it would take about 2 weeks.

In article <3cv6b3$8mm@newsbf01.news.aol.com>, slikvicman@aol.com (SlikVicMan) wrote:

> In article <dadamsCyDJB8.6yA@netcom.com>, dadams@netcom.com (Dean Adams)
> writes:
>
> From what I know, ACE Communications will Unlock Cell for you on request
> upon purchase.

7046. Re: S.FL Scanner Groups?

Newsgroup: rec.radio.scanner
Date: 1994-12-18 21:23:39 UTC
From: habu@gate.net
Message-ID: <3d298r$2e3r@tequesta.gate.net>
Source record: 264105

Jason Kronz x8645 p5412 (jkronz@pts.mot.com) wrote:
: Any info on S.FL scanner groups???

: Anyone live around W.Palm / Boca? I would like to get to know
: some of the scanner listeners around the area...

: -jason

Let me know if you find one I am also looking for a local group. What type
of listening do you do? (police\fed\air\military)

Mike

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

7047. Roch NY Freq's wanted

Newsgroup: rec.radio.scanner
Date: 1994-12-18 21:38:13 UTC
From: dwwn@uhura.cc.rochester.edu
Message-ID: <1994Dec18.213813.16084@galileo.cc.rochester.edu>
Source record: 264107

Anyone got any up to date freq's for Roch NY and Wayne county?

7048. Re: Anyone familiar w/ BC800XLT?

Newsgroup: rec.radio.scanner
Date: 1994-12-18 21:40:07 UTC
From: otoupal@astro.as.utexas.edu
Message-ID: <3d2a7n$1vq@geraldo.cc.utexas.edu>
Source record: 264106

In article <3ct8pv$rbp@newsbf01.news.aol.com>,
DctrHappy <dctrhappy@aol.com> wrote:
>I have one of these with a blown vacuum LCD display. While this scanner
>is no use to me broken or working, would it be economically viable to
>repair this scanner and make a profit? I guess what I'm asking is, how
>much is a new vacuum LCD display approxomately? How much would Uniden
>charge to replace it? Could a layman solderer complete the job? Thanks
>for any responses..!

Are you sure it's the LCD itself that is blown?

A couple of years ago, the display on my 800XLT started acting up.
It would take longer and longer for the display to come on after
I turned on the scanner. The scanner itself worked fine, I just
couldn't tell what channel was being received. Finally it gave up
completely which is usually the point where I put the paying repairs
aside and fix my own stuff.

After a few phone calls to Uniden, only to find that they wouldn't sell
me a service manual (which takes them off my Christmas list), I finally
received a 5th generation or so one page copy of a schematic.

A little studying, a little probing, and a little solder smoke later,
I had a working display and 4(?) little bad electrolytic capacitors
laying by the side. The radio went back on the desk where it sets
today, still working. The caps hit the trash.

If I recall right, it wasn't that hard. I'm sure I was retentive enough
to write up what I did. Gimme a call if you want and I can probably
give you the info over the phone.

BTW, I think it's a vacuum fluorescent display but I don't want to take
a chance of showing my spelling faults all over the internet (oops!)

I BE: Douglas S. Otoupal N5HYD NRA
COMPUTER NET: otoupal@astro.as.utexas.edu ACLU
US MAIL NET: McDonald Observatory, Ft. Davis, TX 79734 SCCA
PHONE NET: (915) 426-3263 - (915) 426-3679 BD of A
Have you ever noticed how much Ted Koppel looks like Alfred E. Newman?

7049. Any Mods For a Regency MX3000?

Newsgroup: rec.radio.scanner
Date: 1994-12-18 22:41:32 UTC
From: larry@agora.rdrop.com
Message-ID: <D11319.JFD@agora.rdrop.com>
Source record: 264116

I'm looking for any Mods for a Regency MX3000.
Thank you
--
Larry Holler
larry@agora.rain.com

7050. Re: Anyone familiar w/ BC800XLT?

Newsgroup: rec.radio.scanner
Date: 1994-12-18 22:55:05 UTC
From: dctrhappy@aol.com
Message-ID: <3d2ek9$qmn@newsbf01.news.aol.com>
Source record: 264108

In article <3d2a7n$1vq@geraldo.cc.utexas.edu>, otoupal@astro.as.utexas.edu (Doug Otoupal) writes:
:Are you sure it's the LCD itself that is blown?

-Well, i took the display out of the shell and looked at it; and inside the display on the front on the far right side there is a connection that is separated (looks like a circular male w/ female hollow circle) and on the inside of the glass surface there's a little black ring exactly the same size as the blown connector. I suppose this ring is carbon or something. And, as I cannot invade this vacuum for obvious reasons, i hypothesized that the vacuum flourescent display (not LCD like I mistakenly said) is busted. I would like to hear an opposing opinion to further my understanding of this thang.

7051. ISO: West Virginia feequencies

Newsgroup: rec.radio.scanner
Date: 1994-12-18 23:05:23 UTC
From: wchsnews@aol.com
Message-ID: <3d2f7j$qq1@newsbf01.news.aol.com>
Source record: 264109

I am re-organizing the scanners at work. Too many repeated frequencies,
etc...
Does anyone have a list of frequencies for West Virginia-- specifically
for the Charleston Metro. Need to compare to what I already have.

Thanks
Wayne Lorentz
MetroNews Radio and Television Networks

7052. Re: Cellular Phone Keypad Mods for Scan

Newsgroup: rec.radio.scanner
Date: 1994-12-18 23:12:28 UTC
From: dmathews@netcom.com
Message-ID: <dmathewsD114Gt.ILn@netcom.com>
Source record: 263732
Cross-posted to: rec.radio.scanner,alt.radio.scanner

John C. (74147.3511@CompuServe.COM) wrote:
: I have noticed advertisments in various scanning magazines
: refering to methods of turning a cellular phone into a cellular
: frequency scanner. The ads make it sound like all mods are done
: directly through the keypad, using test modes (or something like
: that). Anyone have any information on this?

The less complex way to "scan cellular" is via entering channels and enabling audio from the keypad of several different models of cellular phones. The most common phones to do this with are the Motorola and Oki series. This is a very difficult way to monitor because you can not sweep though the channels. You can only lock onto one frequency and hear everything that is going through it.

There are companies that make kits for the Icom 7000 receiver to turn it into a cellular monitor that will enable you to enter a cellular number and track it as it goes from tower to tower, channel to channel. Another company sells a similar software and cable setup that will enable an Oki 900/1150 to function in this same way. It sells for $400 however.

For more details on this, check out alt.2600. There are several discussions as well as keyboard commands to get into cellular programing mode that will allow you to listen in.

Dave

7053. Re: Bearcat 2500XLT and BCT 2 info wanted.

Newsgroup: rec.radio.scanner
Date: 1994-12-18 23:19:23 UTC
From: dmathews@netcom.com
Message-ID: <dmathewsD114sB.J5s@netcom.com>
Source record: 263733

Jim Switz (jimswitz@ix.netcom.com) wrote:
: Hi All,
: Damark currently has the Bearcat 2500XLT scanner available
: both refurbished ($400) and new ($450). Since I'm not familiar with
: it, any advice is appreciated.
: Is it a worthwhile unit? What frequency ranges (as exactly
: as possible) does it handle? The ad isn't very clear. Is the
: handheld range decent? Is battery life ok? Spare batteries
: available? Does it receive all 800/900 MHz freqs, or can it be
: fixed?

The pre March '94 models can be restored by moving a resistor from one pad to another. My friend purchased a refurb from Damark for that same price and we modified it without any problems. His unit did have trace wires soldered on during the repair to fix problems that mine did not.

I am very unhappy with the battery life, but very happy with the scanning speed. This is the fastest handheld scanner and it is very easy to follow conversations as they change from channel to channel. Batter life will give you 4 hours as compaired to the previous model that will give around 8 hours of use.

Spare batt's are available thru Uniden, and it has pretty much continuous coverage from 20 to 1300 Mhz. The cellular must be restored, and there are some government freq's missing.

Dave

7054. Re: AR8000 good as base station?

Newsgroup: rec.radio.scanner
Date: 1994-12-18 23:25:38 UTC
From: guyever@aol.com
Message-ID: <3d2gdi$r3a@newsbf01.news.aol.com>
Source record: 263731

In article <3cups5$99e@sparc.occ.uky.edu>, jadantin@ndlc.occ.uky.edu (Jim Dantin) writes:

Hiran C. Fernando (maverick@csulb.edu) wrote:
: I was just wondering if the AOR AR8000 would be a suitable scanner as a
: base station even though it is a portable. In other words, when hooking

: up an external outdoor antenna such as a discone, would it still have the
: same intermodulation problems that other portables such as the RS Pro 43

: suffer. Or are the AR8000 electronics so superior (selectivity,
: rejection etc) that it could handle an external antenna with performance

: equaling or exceeding a dedicated base station such as the 2006?

I've found the AR8000 to be a very good unit for a base station. I live in Atlanta and there is quite a bit of RF around. Connected to a discone there is some overload, but little or no intermod. Someone posted a message about using a RS variable attenuator to cut down on the intermod. I bought one the other day and it works great. The unit only cost $7.00 and attenuated from 10 to 20 db. Some bands do not require it so you just turn it off. When I scan a bank, the S meter will light up if overloaded. Simply turn the knob until the marks disappear. At that point you have eliminated the overload and the antenna system is set for maximum reception.

:The main problem has been the radio's small size - you can't just reach
:over and hit a button or spin a knob.
: --
:Jim Dantin
jadantin@ndlc.occ.uky.edu

As far as Jim's comments are concerned he is right, but there's where the computer comes in.

Guy KC4NQU

7055. Bearcat 101 programming

Newsgroup: rec.radio.scanner
Date: 1994-12-18 23:35:44 UTC
From: ddl@harvard.edu
Message-ID: <2522@sun3.IPSWITCH.COM>
Source record: 264111
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Yes, you read that right... 101. Does anyone have programming information handy for this (somewhat old) model? I can't find the manual and it's been years since I programmed it. I know the process consisted of entering a division scale factor in binary on the 16 channel-enable switches (no keypad here :) and hitting the enter switch, but the details escape me. In particular, I don't remember the magic number to divide into...

Thanks,
Dan Lanciani
ddl@harvard.*

7056. Re: Javiation

Newsgroup: rec.radio.scanner
Date: 1994-12-18 23:53:40 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3d2i24qee1@mhadf.production.compuserve.com>
Source record: 264113

Around $600 on your credit card, plus around $40 cash to the delivery guy
for import tariff.

7057. Re: PRO-2035 Anyone?

Newsgroup: rec.radio.scanner
Date: 1994-12-18 23:55:29 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3d2i5hqee2@mhadf.production.compuserve.com>
Source record: 264114

Anyone will be able to buy one in 2 weeks. I was hoping that Nat Scanning had reviewed it so we'd know what to expect. Please let me know if you get to play with one.

7058. Re: Portable Scanner Recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-12-18 23:56:33 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3d2i7hqee3@mhadf.production.compuserve.com>
Source record: 264115

Like I said, OLIC or before (includes OEIC) would be modifiable.

7059. Re: San Francisco, CA. Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-19 00:50:28 UTC
From: edginsf@aol.com
Message-ID: <3d2lck$s2d@newsbf01.news.aol.com>
Source record: 264118

In article <michael.ayotte-1612940058110001@rsg-av.com>,
michael.ayotte@netcom.com (Michael Ayotte) writes:

>Contact the Bay Area Scanning Enthusiasts (B.A.S.E.). They have a local
>BBS and thousands of interesting frequencies. I think you can find them
>by reading the FAQ on scanning.
>
>Good Luck
>
>David Robson
>Danville CA

>Do you have a phone number?

The BASE Club INC
105 Serra Way #363
Milpitas, CA 95035

Dues are $25 a year. Send me E-mail if you'd like more information.

Ed Griffin
Editor, The Listening Post

7060. Air Master

Newsgroup: rec.radio.scanner
Date: 1994-12-19 01:41:00 UTC
From: larry.nebron@pcgfx.com
Message-ID: <e7.14309.2508.0NE74731@pcgfx.com>
Source record: 264119

Does anyone know about the new software from Lowe of the UK that will
decode ACARS? The Air Master selling 89.95 Pounds sounds interesting.
Has anyone tried this and how does it work?
---
* QMPro 1.52 * Danger: Shortwave listening is habit forming!

7061. Bearcat 101 programming

Newsgroup: rec.radio.scanner
Date: 1994-12-19 02:05:57 UTC
From: rlhaan@worf.infonet.net
Message-ID: <3d2pq5$nfp@insosf1.infonet.net>
Source record: 264121

ddl@harvard.edu (Dan Lanciani) asks:

>Yes, you read that right... 101. Does anyone have programming information
>handy for this (somewhat old) model? I can't find the manual and it's been
>years since I programmed it. I know the process consisted of entering a
>division scale factor in binary on the 16 channel-enable switches (no keypad
>here :) and hitting the enter switch, but the details escape me. In
>particular, I don't remember the magic number to divide into...

Determining the BC101 programming codes:

Low Band (30-50 MHz)
A. Multiply frequency by 200 and round to nearest whole number
B. Subtract number obtained in step A from 10340.
C. Determine the binary value of number obtained in step B. The
binary value is used to determine the position of switches
1-13. "1" represents "up", "0" represents "down".
D. Switches 14 and 15 are "up".
E. Switch 16 is "up" for delay, "down" for no delay.

Low Band (146-174 MHz)
A. Multiply frequency by 200 and round to nearest whole number
B. Subtract number obtained in step A from 36940.
C. Determine the binary value of number obtained in step B. The
binary value is used to determine the position of switches
1-13. "1" represents "up", "0" represents "down".
D. Switch 15 is "up".
E. Switch 16 is "up" for delay, "down" for no delay.

U & T Bands (416-512 MHz)
A. Multiply frequency by 80 and round to nearest whole number
B. Subtract number obtained in step A from 40964.
C. Determine the binary value of number obtained in step B. The
binary value is used to determine the position of switches
1-13. "1" represents "up", "0" represents "down".
D. Switch 14 is "up".
E. Switch 16 is "up" for delay, "down" for no delay.

To program:
A. Put "ready" switch in the down position ("channel program"
light will come on.)
B. Set the switches 1-16 in the down position.
C. Manually step through the channels until the light above
the channel you wish to program is lit.
D. Set switches 1-16 in appropriate positions for the desired
frequency.

E. Push the "enter" switch down and release.
F. Repeat steps B - E until all channels are programmed.
G. Put the "ready" switch in the up position. (Switches 1-16 now function as channel lockouts.)

Rich Haan
rlhaan@ins.infonet.net

7062. What to buy w/ X-mas money?

Newsgroup: rec.radio.scanner
Date: 1994-12-19 02:23:00 UTC
From: kaweiss@silver.ucs.indiana.edu
Message-ID: <3d2qq4$p88@usenet.ucs.indiana.edu>
Source record: 264122

I have received $250 for christmas. I want to buy a leather jacket
(which will be around $100), and a new scanner. Any suggestions as to what
would be a good buy for about $150?
Thanks.
Pete.

7063. Re: Roch NY Freq's wanted

Newsgroup: rec.radio.scanner
Date: 1994-12-19 02:33:47 UTC
From: "Brian Heath"
Message-ID: <3d2reb$h9t@uhost1.servtech.com>
Source record: 264124

> dwwn@uhura.cc.rochester.edu (Daniel Warren) writes:
> Anyone got any up to date freq's for Roch NY and Wayne county?
>
Happy to oblige -- here's my regional Rochester frequency list:

39.460 NYS Statewide Lo-Band PD
45.880 NYS Statewide Fire Lo-Band
46.080 Orleans Cty. Fire Dispatch
46.120 Genesee Cty. Fire Dispatch
46.160 Livingston Cty. Fire Dispatch
46.180 Wyoming Cty. Fire Dispatch
46.220 NYS Statewide Fire Tac
46.420 Ontario Cty. Fire Dispatch
46.440 Wayne Cty. Fire Dispatch
46.500 Yates Cty. Fire Dispatch
47.140 NYDOT Pittsford Base
47.220 NYDOT Unit-to-Unit
47.300 NYDOT Ogden Base
47.340 NYDOT Waterways
47.400 NYDOT Mobile-to-Base
47.420 American Red Cross
47.580 National Ambulance Dispatch
47.620 National Ambulance F2
121.500 Aircraft Distress
151.715 RIT Security
153.920 Monroe County Interagency
154.055 Greece VAS Private Ch. 50
154.130 Rochester Fire Channel 1
154.175 Monroe Cty Fire Channel 4
154.250 Monroe County/ Roch. Chan. 2
154.310 Monroe Cty. Fire Dispatch
154.340 Monroe Cty. Fire Channel 6
154.385 Monroe. Cty. Fire Channel 3
154.415 Henrietta Fire District
154.695 NYSP Statewide Net
154.695 NYSP State Net
154.725 Wayne Cty. PDs
154.770 NYSP Troop E Mobiles
154.815 Ontario Cty. Sheriff F1
154.845 Wayne Cty. Sheriff
154.905 NYSP Troop E Dispatch
155.010 Wyoming Cty. Sheriff
155.070 Monroe. Dev. Ctr. Security
155.115 SEMO Repeater

155.160 National School Bus Service
155.175 Mercy Flight/ NYS EMS Tac
155.205 Monroe Ambulance Dispatch
155.220 Brighton/ Henrietta VAS Priv.
155.280 Rochester General Hosp. Sec.
155.295 Monroe Cty. EMS Dispatch
155.340 HEAR (Ambulance/Hospital)
155.355 Ontario Cty. EMS Dispatch
155.370 NYS Statewide PD Hi-Band
155.475 National Police Mutual Aid
155.505 NYSP Troop A Dispatch
155.565 NYSP Troop E Data (Base)
155.565 NYSP Troop E Data Mobiles
155.595 Livingston Cty. Sheriff
155.610 Yates Cty. Sheriff
155.715 Rochester Airport Operations
155.775 RCSD Security
155.865 NYS Industry Youth Camp
155.940 Wayne Cty. EMS Dispatch
155.970 Ontario Cty. PDs
156.105 Rochester Special Services
156.800 Marine Distress (Ch. 16)
158.190 RG&E Gas Dispatch
158.280 Xerox Security
159.225 NYS DEC Police Car-to-Car
159.390 RPD/ Tow Truck Dispatch
159.465 NYS DEC Police Dispatch
161.430 Rochester Special Services
161.700 WOKR-TV 13 Engineering
161.730 WHEC-TV 10
162.400 National Weather Service
163.675 US Border Patrol
163.935 Federal Law Enf. (Undet.)
165.375 US Secret Service
166.250 EBS Local Station Net
418.625 DEA Rochester F1
450.250 WHAM/ WVOR RPU
450.450 WCMF RPU
450.462 WCMF RPU
450.512 WROC-TV Engineering
450.550 WHEC-TV Engineering
450.750 WPXY RPU
450.800 WVOR RPU
450.850 WKLX RPU
451.175 Bausch & Lomb Security
451.500 Rochester Telephone
452.325 RTS (Phone Patch?)
452.375 RTS
452.425 RTS Data
453.200 MCC Security

453.325 Rochester Psyc. Ctr. Security
453.425 NYSP Thruway (Syracuse)
453.525 NYSP Thruway (Buffalo)
455.550 WHEC-TV 10 IFB
460.025 Rochester Police F1
460.075 Irondequoit PD
460.125 Rochester Police F2
460.175 Monroe Cty. Towns East
460.200 Rochester Police F5
460.225 Brighton PD
460.250 Monroe Cty. PDs Tac 2
460.275 Monroe Cty. Sheriff Airport
460.300 Monroe Cty. PDs West
460.325 Monroe Cty. PDs Tac 1
460.350 Greece PD
460.375 Monroe Cty. PDs Tac 3
460.400 Monroe Cty. Sheriff F2
460.425 Gates PD
460.450 Rochester Police F3
460.475 Monroe Cty. Sheriff F1
460.500 Rochester Police F4
461.375 Univ. of Rochester Sec. F1
461.800 Genesee Hospital Security
463.575 Wegmans Loss Prevention
464.700 Univ. of Rochester Sec. F7
851.312 Kodak TRS F1
851.762 Kodak TRS F2
852.162 Kodak TRS F3
852.212 Kodak TRS F4
852.662 Kodak TRS F5
853.112 Kodak TRS F6

Enjoy!!!!!

Brian Heath

~~~~~~
_*/_
/*\ HAPPY HOLIDAYS!!!!!!!
/* o\ Brian Heath -- Rochester, NY
/* o *\ heathbar@cyber1.servtech.com
/* o * o\
(Tree courtesy David Ayres)
~~~~~~

7064. Cell Help

Newsgroup: rec.radio.scanner
Date: 1994-12-19 02:39:31 UTC
From: ac523@cfn.cs.dal.ca
Message-ID: <D11E1w.Mwr@cs.dal.ca>
Source record: 264123

Thanks to the people who sent me the mods for the PRO2021. I now have the thing working in the 800 area. Problem is, the thing is scanning at 12.5 not at 30.
While I wait for schematics from RS, anyone got any other thoughts.

Doug Spurrell
ac523@cfn.cs.dal.ca

7065. Re: discone vs scantenna

Newsgroup: rec.radio.scanner
Date: 1994-12-19 02:46:29 UTC
From: ddl@harvard.edu
Message-ID: <2523@sun3.IPSWITCH.COM>
Source record: 263725

In article <12DEC199415214569@vax2.concordia.ca>, hirschj@vax2.concordia.ca (JACK HIRSCHBERG) writes:

> For scanning, I would choose a discone over any other
> antenna because of its broadband capabilities. When comparing
> discones, check Radio Shack. They have 2 versions: 1) about
> 50-1300 MHz coverage with little gain if any for under $20;
> 2) an excellent one with 25-1300 MHz coverage and ample gain.
> This one is at the same level of quality as the ones shown in
> the Grove and National catalogues, but at $60 it is a steal.

I've had the #2 version on a tower for a few months and I did notice one disturbing thing last time I had the tower down (to service the TV antenna). The screw inserts on the ends of the long elements of the discone (the short elements are solid and don't have inserts but the long elements are hollow with crimped-on screw inserts) have become quite loose. At first I had thought that the elements were no longer tightly screwed in, but it really is the crimp-points that have come loose. Whether this will progress to the point where the elements fall off or whether they will just sway a bit more in the wind I can't tell...

Dan Lanciani
ddl@harvard.*

7066. Re: Roch NY Freq's wanted

Newsgroup: rec.radio.scanner
Date: 1994-12-19 03:45:46 UTC
From: dwwn@uhura.cc.rochester.edu
Message-ID: <1994Dec19.034546.152@galileo.cc.rochester.edu>
Source record: 263757

Thanks, I had a list that I got from ShackToo BBS, but it's almost 3 yrs old and I'm not sure how accurate. Do you knwo where I can get some of the Wayne Ct freq's, such as Palmyra PD and Newark, etc?

7067. Pro 2006 Mods -- Better reception?

Newsgroup: rec.radio.scanner
Date: 1994-12-19 03:47:41 UTC
From: AKRR70B@prodigy.com
Message-ID: <3d2vot$3a7m@usenetp1.news.prodigy.com>
Source record: 263740

I've heard that by cutting one of the diodes (I already cut the one for cellular restoration) you can increase the reception quality. I've also heard that doing this has "side effects" including losing total reception of some frequencies, among other things. Can someone please fill me in on the truth--preferably someone who has already done the cut--and what the real side effects are, if any?

AKRR70B@prodigy.com

7068. Light on BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-19 04:06:41 UTC
From: darian@MCS.COM
Message-ID: <3d30sh$p1a@Mercury.mcs.com>
Source record: 263751
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone know of a mod to keep the light from timing out on a BC200XLT? I keep my scanner plugged into a DC charger in my car at all times. Probably not the best thing for the batteries, I know. I would like to be able to use the light button as a toggle...in other words, press LIGHT and the light stays on until you press LIGHT again to turn it off. Anyone know how or if this can be done?

Much thanks!!

--

+---+
| Darian Mychals darian@mcs.com |
| PC specialist/Network troubleshooter by day... |
| Emergency Medical Technician (EMT) by night! |
| =-=-=-=-=-=-=-=-=-=-=-=-=-=-= |
| ftp: ftp://ftp.mcs.com/mcsnet.users/darian |
| WWW: http://www.mcs.com/~darian/home.html |
+---+

7069. Re: Bearcat 101 programming

Newsgroup: rec.radio.scanner
Date: 1994-12-19 04:23:28 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D11Iv4.EzB@nntpa.cb.att.com>
Source record: 263758
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <2522@sun3.ipswitch.com>, Dan Lanciani <ddl@harvard.edu> wrote:

>Yes, you read that right... 101. Does anyone have programming information
>handy for this (somewhat old) model?...

At last count, my collection contained three BC-101s :-)

Terence Brennant sent me this BASIC program back in October 1993.
I've shared it with other BC-101 users but haven't tried it myself.

```
| From att!delphi.com!BRENNANT Sat Oct 16 01:01:41 1993
|
| Hi -- Actually I am not a BC101 user. The program is written in BASIC and
| is quite brief. I wrote it for a fellow who has a BC101 that he is
| sentimentally attached to. It was his first scanner, and it still works
| well. Looking up switch settings is very tedious, and some frequencies are
| not even in the list. He is using it with an 800MHz converter to listen
| to the local trunked system, and the converted frequencies are not in the
| book. It works well for this purpose, and 16 channels is adequate.
|
| Since the program is short, I might as well include it with this message,
| so here it is:
|
| ------------------------------
|
| 100 rem A SIMPLE PROGRAM TO FIND SWITCH SETTINGS FOR BEARCAT BC101 SCANNER
| 101 rem Released without warranty for free use in the public domain.
| 102 rem Terence Brennan / Box 360491 / Melbourne, FL 32936
| 103 rem CompuServe: 76545,1625
| 104 rem Internet: 76545.1625@compuserve.com -or- brennant@delphi.com
| 105 CLS
| 110 KEY OFF
| 120 PRINT:PRINT
| 130 PRINT " *** PROGRAMMMING FOR BEARCAT 101 SCANNER ***"
| 132 PRINT" To exit program type Ctrl-C"
| 133 PRINT" To print screen type PrtSc"
| 140 PRINT
| 150 PRINT " SWITCHES
| 160 PRINT" Frequency 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16"
| 170 PRINT" -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --"
| 180 INPUT;" ";F
| 190 PRINT TAB(24);
| 200 IF F<30 THEN GOTO 360
| 210 IF F=>30 AND F=<50 THEN LET J=10340-INT((F*200)+.5)
```

```
| 220 IF F>50 AND F<146 THEN GOTO 360
| 230 IF F=>146 AND F=<174 THEN LET J=36940!-INT((F*200)+.5)
| 240 IF F>174 AND F<416 THEN GOTO 360
| 250 IF F=>416 AND F=<512 THEN LET J=40964!-INT((F*80)+.5)
| 260 IF F>512 THEN GOTO 360
| 270 LET WEIGHT=4096
| 280 FOR SWITCH=1 TO 13 STEP 1
| 290 IF J=> WEIGHT THEN PRINT USING "###";SWITCH;:LET J=J-WEIGHT ELSE PRINT" ";
| 300 LET WEIGHT=WEIGHT/2
| 310 NEXT SWITCH
| 320 IF F=>30 AND F=<50 THEN PRINT " 16"
| 330 IF F=>146 AND F=<174 THEN PRINT " 15"
| 340 IF F=>416 AND F=<512 THEN PRINT " 14"
| 350 GOTO 180
| 360 PRINT TAB(30);:PRINT"Not a valid frequency.":GOTO 180
|
| ------------------------------
|
| I hope that comes out correctly at your end. This Delphi editor does not
| let me view my message, I think.
|
| Hope that the program is of some interest or use to you.
|
| [...]
|
| Thanks --Terence Brennan--
|
--

================================================================================
```

Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

7070. Oki 750 Cel phone

Newsgroup: rec.radio.scanner
Date: 1994-12-19 05:37:29 UTC
From: jeevan@chinook.halcyon.com
Message-ID: <3d366p$cvi@news.halcyon.com>
Source record: 263729

Hello all. Please correct me if I am wrong, but was some information posted earlier about putting the Oki 750 Cel phone in Service mode? If so, I have missed it, and would apprecate a repost. I am going to a big city soon, and would like to have some fun.

Thanks!
Armageddon (jeevan's 2nd user...)

Please reply in the newgroup, so I can access it thou aol (gak!) in the place were I am going...)

Note that Listening to Cellular Telephone conversations is Illegal and is not endorsed by me.

7071. Re: 220 MHz business heard (sort of)

Newsgroup: rec.radio.scanner
Date: 1994-12-19 05:57:31 UTC
From: mulligan@ACM.ORG
Message-ID: <3d37cb$e7q@hopper.acm.org>
Source record: 263726

100 (of the 200) channels in the 220 MHz band are set aside for local trunked (or equivilent) use. The "QT" service code indicates a 5-channel commercial trunk. Since the bandwidth is only 5 kHz, users are apt to be digital, such as a UPS truck reporting a dump from the clipboard.

220.1925 would be part of .0425, .1925, .3425, .4925, and .6425.
Bases are on 220.xxxx, with the mobiles 1 MHz higher.
/* barry /&

7072. Re: 800 mhz questions

Newsgroup: rec.radio.scanner
Date: 1994-12-19 06:19:29 UTC
From: mulligan@ACM.ORG
Message-ID: <3d38lh$eaj@hopper.acm.org>
Source record: 263727

willybg@primenet.com (Bill Moloney) asked:

> ... trunk systems ... Do I correctly have an understanding of the concept?
Yes.

> ... telephone patches not related to the pd ...
The largest use of government phone patches is for personal business. If it
was an official matter, it could probably be handled via the radio system <g>.

> ... I am receiving cellular calls in the upper 800mhz and 900mhz freq.
It's an artifact of your receiver called 'imaging'. You will probably find
you're hearing the calls shifted 21.4 MHz from their actual frequency. Read
the Police Call section titled "Frequency Mixing" (pp 12-13).
For reference:

From the FAF - Frequently Asked Frequencies
on oak.oakland.edu
as /pub/hamradio/docs/misc/scanner.faf

Cellular Telephone [22.902]

Chs Freqs (base) System

800-832 869.040 - 870.000 RCC - voice
1-312 870.030 - 879.360 RCC - voice
313-333 879.390 - 879.990 RCC - data
334-354 880.020 - 880.620 Telco - data
355-666 880.650 - 889.980 Telco - voice
667-716 890.010 - 891.480 RCC - voice
717-799 891.510 - 893.970 Telco - voice

Mobiles transmit 45 MHz below the base (824.040-848.970) and
are usually repeated by the base. Channels are 30 kHz apart.

7073. REPOST:-> FOR SALE:Yupi MVT-8000 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-19 06:30:11 UTC
From: baranowski@aol.com
Message-ID: <3d399j$34o@newsbf01.news.aol.com>
Source record: 263728

SORRY For the repost here guys...It seems as if AOL knocked it off their news server....

For Sale

Yupiteru MVT-8000 Base scanner. (UNCENSORED, of course!)

Specifications
==============
Coverage : 100KHz - 1300MHz with reduced sensivity below 8MHz
Modes : AM, NFM & WFM
Increments: 5, 10, 12.5, 25, 50 & 100 KHz
On WFM 50 & 100 KHhz only)
Channels : 200 (In 10 banks of 20)
Search : 10 banks with user definable limits, mode & increment steps
Scan Speed: 15 channels per second (approx)

The unit is in MINT (and I mean MINT!) condition, as it's been stored in my file cabinet at work (and yes, it DOES work). It has approximately 3 hours of usage on it. The unit is noted for is SMALL size and FULL coverage (can you think of another base scanner that will pickup shortwave?)

For those unfamiliar with it's petite size, look in library #2, as I uploaded both a GIF and JPG of the unit last year.

Price: $375 COD
Shipping: I'll ship 48 states ground

If interested, please EMAIL to baranowski@aol.com

Thanks for your time..
-Mike Baranowski

7074. AOR AR1500 hand held

Newsgroup: rec.radio.scanner
Date: 1994-12-19 07:18:04 UTC
From: stanlui@netcom.com
Message-ID: <stanluiD11qy4.lv7@netcom.com>
Source record: 263730

Unit in good condition about 10 months old, Similar to the AR 1000 but with sideband receive capability.Coverage from 150 khz to 1300 mhz continous. NO GAPS asking 375 dollars or best offer.

7075. Re: To ALL THE PEOPLE WITH PRO2032's

Newsgroup: rec.radio.scanner
Date: 1994-12-19 08:29:11 UTC
From: CMOORE@wpo.csd.scarolina.edu
Message-ID: <CMOORE.221.00087CC4@wpo.csd.scarolina.edu>
Source record: 263741

>> well i talked to bill cheek and he said the pro 32 is impossible to
>> modifie for the reasons of that it's not capable of recieving the 800 to
>> 900 mhz range . just wanted to let all you PRO 32 FANS know about that.
>>
>> mlyon@eis.calstate.edu

>Hi - The Pro 32 and the Pro 2032 must be two different scanners. My Pro
>2032 covers
>806-823 ; 851-868 ; and 896-960. - Good Luck - Peter

...and mine covers all the way from 806-960...

My opinions are probably my own. I used to be decisive, now I'm not so sure.

Pentium - When you need answers really fast, but don't care if they're right!

Write to Live; Live to Write...

7076. Bearcat 200XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-19 11:07:34 UTC
From: Paul Brown <pbrown@london.micrognosis.com>
Message-ID: <3d3phm$sho@zeus.london.micrognosis.com>
Source record: 263734

I keep seeing "Is there this mod or that mod available. Could anyone post ANY mods of this model to me please..

Cheers

PAulB

7077. Re: Scanner WWW page?

Newsgroup: rec.radio.scanner
Date: 1994-12-19 12:17:20 UTC
From: zen@ccs.neu.edu
Message-ID: <3d3tkg$oqe@narnia.ccs.neu.edu>
Source record: 263735

Thomas J. Harrell (tharrell@nmsu.edu) wrote:
: Harold G Peach Jr (hpeach@pop.uky.edu) wrote:
: : >
: : > IS there a WWW page dedicated to scanners?
: : >

: : Paul Nash has a pretty nice WWW page at:
: : http://dice.dac.neu.edu:80/Homepages/paul/freqs/

Hehe, cool.. Thanks!

: I'm working on one right now - it's small but growing, and it's
: got a pointer to Paul's page, too. Mine's at:
: http://rever.nmsu.edu/~weasel
I tried connecting to your page and got a 'unable to connect to remote host'..
Is your site using a different port for WWW ?

Hrmm... That reminds me.. I should start updating my page.. I got some more
listings.. Only problem is finding the time.. Hrmm..

Paul

Paul Nash ||------- PGP Key Available By Fingering me-----------
zen@denali.ccs.neu.edu ||----------- ---- --------------
paul@dice.dac.neu.edu ||///////////////--------------------\\\\\\\\\\\\\\\\

7078. BC 100xlt Modifications?

Newsgroup: rec.radio.scanner
Date: 1994-12-19 13:29:36 UTC
From: mrife@nyx10.cs.du.edu
Message-ID: <3d41s0$7nn@nyx10.cs.du.edu>
Source record: 263772

I am looking for mods for an old Bearcat 100xtl. Please post any ideas.

7079. Re: Cellular Phone Jammer

Newsgroup: rec.radio.scanner
Date: 1994-12-19 13:40:07 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.5.0007AB73@chevron.com>
Source record: 263748

In article <brett_miller.49.000E0B3F@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>In article <cgwh.212.0007F667@chevron.com> cgwh@chevron.com (Curtis Wheeler) writes:

>>To be fair and answer your other question, yes, most phone have service
>>modes that bring up the transmitter on specified channels. Some require a
>>test connectors to be installed (eg. Motorola), others can go to test mode by
>>using special password commands (eg. Mitsubishi, Oki). The manufacturers
>>intend to keep those passwords among qualified service people.

>I dont think it would be possible since the transmit and receive frequencies
>are separated by 45 Mhz. You would have to get the phone to transmit 45MHz
>higher. This would probably require realignment of the RF section.

>Now, if you were just trying to transmit on the same frequency as they other
>guy to jam his call, then it would probably be possible, providing you have
>enough output power.

If I were to come up on the input freq to the cell site, the other user on that channel would likely hear me - briefly. I don't recall if the cell phones transmit supervisory audio tone (SAT) when you force transmit in test mode. If SAT is not present, that call won't stay up.

But you're right about the 45 MHz split I wasn't thinking about that when I wrote my opinion - that is: the idea of intenionally jamming a cell phone is a stupid idea.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

7080. FCC Database questions

Newsgroup: rec.radio.scanner
Date: 1994-12-19 13:47:02 UTC
From: fa419@cleveland.Freenet.Edu
Message-ID: <3d42sn$g5m@usenet.INS.CWRU.Edu>
Source record: 263736

I've recently gotten the FCC database from Grove for my state and while I never thought it would be a Bible for frequencys, (I gotta scan it to believe it!) several things about it surprised me and I'd like to get some explanations from some older hands... for instance...

1. Approximately 1/3 of the records are duplicates. I'd like to believe that since Grove doesn't include all the fields that there is some thing in the other fields that makes these records unique. Is that the case?

2. The number of inaccuracies when it comes to the City and/or County of a station are incredible. The City may be right but the county is wrong or vice versa! Is the FCC just dumping whatever data they get on the application into their database without any verification? Even if this is the case, how could there be so many mistakes from the applicant?

3. If a station is listed with no LAT/LONG information, does this mean it's a mobile station? (I haven't looked closely at the emmission codes, maybe it's indicated there.

4. It's hard to quickly easily tell if the frequencys listed are in use by the listed agency/business, but I know of several active. 'well known' stations that are operating on frequencies that aren't listed in the database. In other words, stations that should be listed, ain't. Why? A application to new to be in this database release? Doesn't seem likely.

5. For a given frequency, in a given city there are many different users listed. From the antenna height, power etc, I don't see how it would be possible for them to operate simutaneously without interfering with each other. Are some of these outdated licenses? Some kind of time sharing going on?

So, I use this list like my other references, if I hear something that I can't identify, I look it up and ~sometimes~ get pointed in the right direction. Hey, I'm not whining, I only trust what I hear, but this database doesn't seem to come close to what would be considered trusted or even usable as a source of good information by ordinary business standards... (*Am I gonna get flamed by the FCC for this? :) *)

7081. Re: Unlawful conversion?

Newsgroup: rec.radio.scanner
Date: 1994-12-19 14:07:33 UTC
From: weasel@dfw.net
Message-ID: <3d4435$b7a@dfw.net>
Source record: 263737
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Daniel Dillon (ddillon@csulb.edu) wrote:
: Terry Steinford (tls@gate.net) wrote:
: : Walter R Francis (WALLY@ukcc.uky.edu) wrote:
: : : I have been unable to figure out what this means, if anyone could
: : : help me out I'd appreciated it..
: : Unlawful conversion is a fancy legal term for theft; i.e. the property of
: : one person is "converted" into the property of another person, at least
: : until he is caught.

conversion is defined in the common law sense as preventing access to
property by the rightful owner. Not just theft, but other things as well
like fencing, etc...

...but has nothing to do with illegal modifications to guns, scanners, etc...

BIll...

7082. HELP FREQUENCIE IN EUROPE (cochet@aviion.univ-lemans.fr)

Newsgroup: rec.radio.scanner
Date: 1994-12-19 14:40:53 UTC
From: bo641@FreeNet.Carleton.CA
Message-ID: <D12BG5.5HC@freenet.carleton.ca>
Source record: 263738

can SOMEBODY TOLD ME THE FREQUENCIE USE IN EUROPE BY POLICE

FIRE DEPARTEMENT ETC....
I HAVE A YUPITERU MVT-7100.

7083. FREQUENCIES INFO ? (cochet@aviion.univ-lemans.fr)

Newsgroup: rec.radio.scanner
Date: 1994-12-19 14:46:20 UTC
From: bo641@FreeNet.Carleton.CA
Message-ID: <D12Bp8.5v5@freenet.carleton.ca>
Source record: 263739

HAS NOBODY INFORMATION ABOUT FREQUENCIES US

IN EUROPE

I HAVE GOT A YUPITERU MVT 7100
THANK YOU FOR YOUR ANSWER .
E-MAIL : cochet@aviion.univ-lemans.fr

7084. Wanted BC800XLT Mods!!!

Newsgroup: rec.radio.scanner
Date: 1994-12-19 14:50:36 UTC
From: bc1f_034@uwpg02.uwinnipeg.ca
Message-ID: <19DEC94.14503623@uwpg02.uwinnipeg.ca>
Source record: 263925

My Uniden Bearcat 800xlt works great but I was wondering if there were any mods to improve reception , allow access to different freqs. etc.

Could you please E-mail your replies to BC1f_034@UWPG02.UWINNIPEG.CA

Thanks in advance, Jeremy.

7085. RAD SHACK CT 350 fone - can it scan?

Newsgroup: rec.radio.scanner
Date: 1994-12-19 16:25:17 UTC
From: jeffpmil@aol.com
Message-ID: <3d4c5d$9sd@newsbf01.news.aol.com>
Source record: 263742

Anyone know of "tricks" for the new(er) rat shack 350 CT?

I understood that several of these can be "tested" and scan the cell band.

Be seeing you,
No. 6

Public/Private okay

7086. Re: So Is anyone going to create a AR8000 email list?

Newsgroup: rec.radio.scanner
Date: 1994-12-19 16:42:40 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.339.131FC771@CCCS.UMN.EDU>
Source record: 263743

In article <michael.ayotte-1512942212410001@rsg-av.com> michael.ayotte@netcom.com (Michael Ayotte) writes:
>From: michael.ayotte@netcom.com (Michael Ayotte)
>Subject: So Is anyone going to create a AR8000 email list?
>Date: Fri, 16 Dec 1994 06:12:41 GMT

>So Is anyone going to create a AR8000 email list?

>I heard that mentioned earlier, and I think its a great idea. What do
>other AR8000 owners think. Anyone have access to a LISTSERV or MAJORDOMO?

I'm starting a new job after Jan 1 that will give me administrative access to a mail server and I would be glad to set up an AR8000 list if someone else hasn't started one by then.

--rick

+---+
| Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
| Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |
| Cancer Screening Trial voice: (612) 627-4151 |
| University of Minnesota fax: (612) 627-4158 |
| 212 Ontario St SE, Suite 202 |
| Minneapolis, MN 55414 |
+---+

7087. 855xlt mod question

Newsgroup: rec.radio.scanner
Date: 1994-12-19 16:52:49 UTC
From: jimz@infinet.com
Message-ID: <3d4dp1$3vu@rigel.infinet.com>
Source record: 263744

I recently grabbed a text file on how to modify the BC855XLT scanner for both continuous 800 mHz coverage and an additional 50 program channels. But at the end of the file, it states that this mod only works on older model scanners. It warns that newer models will be fried if the mod is attempted.

The scanner that I would like to modify is my father's, and I've already cooked his stereo in the past week. I see my parents once every few months, so if I cook his scanner and his stereo within a week, I may never see Christmas at home again!

Are there any serial number guidelines (like the pro-43) to denote which models are cellular capable, or is there a place on the unit to check a manufacture date? Any help would be appreciated!

Oh yeah, his scanner is about 2 years old.

--
--
Hello. I'm the guy who sits next to you and reads the newspaper over your shoulder. Wait-- Don't turn the page; I'm not finished. --Lyle Lovett

Jimz@infinet.com jimz@tcc.oecn.ohio.gov 76074.2754@CompuServe.Com

7088. Re: Inmarsat

Newsgroup: rec.radio.scanner
Date: 1994-12-19 17:05:11 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.218.000B1673@chevron.com>
Source record: 263745

In article <3coiqp$nqt@newsbf01.news.aol.com> daryll1@aol.com (Daryll1) writes:

>In article <cgwh.215.000C2F84@chevron.com>, cgwh@chevron.com (Curtis
>Wheeler) writes:

>Curtis.... About half of the INMARSAT signals are analog voice. I
>listen to it here in northern Ohio using a Down East Microwave beam & LNA,
>sent to an Icom R7100. LOts of interesting stuff when the Haiti thing
>first went down.

Thank you. I have learned something. I have a terminal hear at work
(portable) that I use about once a year for emergency drills. I have never
paid much attention to it but it's digital (9600 I think). It's
easy to use and can be set up in 10 minutes. I have never taken the time to
learn about it.

We have one in Nigeria (permantent) for making reliable calls. It may be
analog - I don't know. I do know that we pay something like $30/min to use it.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

7089. Re: HELP - BC200XLT Dead, Uniden wants me to buy new battery

Newsgroup: rec.radio.scanner
Date: 1994-12-19 17:08:10 UTC
From: levy@fndcd.fnal.gov
Message-ID: <1994Dec19.110810@fndcd.fnal.gov>
Source record: 263746

In article <3d1j5a$ii4@detroit.freenet.org>, ad225@detroit.freenet.org (Gary Baumgarten) writes:

[snippo]

> A friend of mine who is more technically oriented than I took
> a dead battery pack apart and found it to really be just a
> series of common rechargableseries of common rechargable batteries that are linked ... the
> kind you can buy off the shelf at, say, Radio Shack.

This is true. I 'repaired' a BC100XLT battery that would not hold a charge
by replacing the cells. Cost me about $24.

--
==========
[Fermi National Accelerator Laboratory]
==========
[Mark E. Levy, N9RXF |]
[BitNet: LEVY@FNAL | Unix: The only computer virus]
[Internet: LEVY@FNAL.GOV | with a user interface.]
[HEPnet/SPAN: FNAL::LEVY (VMS!) | (such as it is...)]
==========

7090. Re: So Is anyone going to create a AR8000 email list?

Newsgroup: rec.radio.scanner
Date: 1994-12-19 17:41:48 UTC
From: Flying Turtle <vic@ping.com>
Message-ID: <3d4gks$j31@nntp.crl.com>
Source record: 263747
Cross-posted to: rec.radio.scanner,alt.radio.scanner

> In article <michael.ayotte-1512942212410001@rsg-av.com> michael.ayotte@netcom.com
(Michael Ayotte) writes:
> >From: michael.ayotte@netcom.com (Michael Ayotte)
> >Subject: So Is anyone going to create a AR8000 email list?
> >Date: Fri, 16 Dec 1994 06:12:41 GMT
>
> >So Is anyone going to create a AR8000 email list?
>
> >I heard that mentioned earlier, and I think its a great idea. What do
> >other AR8000 owners think. Anyone have access to a LISTSERV or MAJORDOMO?
>
> I'm starting a new job after Jan 1 that will give me administrative access to
> a mail server and I would be glad to set up an AR8000 list if someone else
> hasn't started one by then.
>
> --rick
>
> +---+
> | Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
> | Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |

I will forward you a list of email addresses of folks
that have inquired about it. I have given up on PING.COM here
in Atlanta, their local service sucks BIG TIME. They are
trying to run a first class operation without sufficent funds
to do it right. The bought the worlds junkiest modems at
lest then $80 each to connect people with. They can't even connect
properly 80% of the time now. Supposedly they have over $50,000
worth of modems on order. I no longer believe this bull.

I will set up a series of files shortly on crl.com regarding the
AR8000 where one can ftp info from which will help supplemnet
your mailing list.

Vic Ki4je
mailto:vhealey@crl.com

7091. Uniden Bearcat BCT-7 Scanners For Sale

Newsgroup: rec.radio.scanner
Date: 1994-12-19 17:57:33 UTC
From: blangos@wtc34a.DaytonOH.NCR.COM
Message-ID: <2299@wtc34a.DaytonOH.NCR.COM>
Source record: 263753

I have several of the very hard to find BCT-7's for sale. $187.00 shipped anywhere in the US.

Please e-mail.
--
Bruce Langos

Bruce.Langos@wtc34a.DaytonOH.NCR.COM
...!uunet!ncrhub!dayhub!wtc34a!blangos

7092. Re: Broward County Fl Trunking system ?

Newsgroup: rec.radio.scanner
Date: 1994-12-19 17:58:11 UTC
From: cobb@hannah.enet.dec.com
Message-ID: <3d4hjj$2lp@mrnews.mro.dec.com>
Source record: 263750

In article <3cv6u5$8p7@newsbf01.news.aol.com>, slikvicman@aol.com (SlikVicMan) says:
>
>In article <3a3d6k$1d1c@tequesta.gate.net>, habu@gate.net (Michael Fink)
>writes:
>
>Don't say that! I live in Coral Springs, I love scanning. It seems
>everything is trunked now. Is Broward trunked? SlikVicMan@AOL.COM
>

The 3 southern most counties in Florida, Broward included will be trunked, eventually part of a statewide
trunk that will be digital based. See the Monitor America 3rd edition (due out in
late March) for specific details about the Motorola SMART-NET statewide trunk for Florida.

Bill

7093. Customs (Immigration) frequencies

Newsgroup: rec.radio.scanner
Date: 1994-12-19 18:03:15 UTC
From: Barry Bourgond <nz6t@grfn.org>
Message-ID: <Pine.SUN.3.90.941219130131.891A-100000@freenet.grfn.org>
Source record: 263749

Does anyone have the Customs freqs for the American/Canadian border. Of particular interest is the freqs used at Sault Ste. Marie, MI/Ontario border. Thanks.

7094. Re: arrl -bbs ?

Newsgroup: rec.radio.scanner
Date: 1994-12-19 18:23:40 UTC
From: gd@RCINET.res.utc.com
Message-ID: <1994Dec19.182340.3205@cronkite.res.utc.com>
Source record: 263754

```
ARRL BBS phone number is (203) 666-0578
```

7095. Re: That NFL Coach/QB System (General Info)

Newsgroup: rec.radio.scanner
Date: 1994-12-19 18:46:32 UTC
From: houghtom@hfsi.hfsi.com
Message-ID: <1994Dec19.184632.11957@hfsi.hfsi.com>
Source record: 263752

In article <3cu3d9$hlj@umcc.umcc.umich.edu> tim@umcc.umcc.umich.edu (Tim Tyler) writes:
> It seems like every other week, someone is posting the same old
>question about those new NFL quarterback radio systems -- What frequency do
>they use?
>
> That's one question I can't give a specific answer to, since I have
>no interest in watching football.
>
> But I have come across some info about this NFL Coach/Quarterback
>one-way system that I thought I'd share.
one report I heard suggests that the system uses frequency hopping techniques
as well...that would tend to limit the effectiveness of jamming...
Mike
>

7096. SSB on AR8000

Newsgroup: rec.radio.scanner
Date: 1994-12-19 20:37:46 UTC
From: perryp@iia.org
Message-ID: <3d4quq$q5l@ankh.iia.org>
Source record: 263755

Has anyone noticed that SSB reception on the AR8000 is not as clear as on the Yupiteru 7100? I find that the audio sounds a little strange and I can't get as much of the "Donald Duck" sound out of it as I can on the Yupi. Of course neither is as good as my HF rig.

I also notice that there seems to be a higher noise floor on the AR8000 than the Yupi, but it also seems to have louder audio.

Any observations would be appreciated.

Thanks.
Paul, WB2ERY
perryp@iia.org

7097. Couple uses scanner to protect themselves

Newsgroup: rec.radio.scanner
Date: 1994-12-19 20:48:48 UTC
From: permisch@mcimail.com
Message-ID: <3d4rjg$6u6@hermes.dna.mci.com>
Source record: 263756

A Jewish family in Evergreen, Colorado, used a scanner to monitor their neighbors plans to intimidate them.

My apologies if someone's posted this already - I don't follow this newsgroup that closely. I also apologize for not providing any followup articles to this one since it's publication - I don't follow the RMNews all that closely either.

Anyway, I thought it might be interesting to this group in it's reference to cordless phone monitoring. If someone wants a followup on this, please do not contact me -- call the RMNews directly or the JeffCo DA office.

Paraphrasing from the December 10, 1994 Rocky Mountain News article by John C. Ensslin:

Jefferson County DA will prosecute an Evergreen (mountain suburb southwest of Denver) couple and their neighbor accused of harassing a Jewish family. William Quigley, 43, his wife Dorothy, 39, and their neighbor Joy Mudd, 41, will face charges of consipiring to commit ethnic intimidation against Mitchell and Candice Aronson.
The Aronsons compiled 12 audiotapes they recorded of cordless telephone conversations between the Quigleys and Mudd. Some high points:

- "You should have seen her (Aronson's) face," Quigley is quoted in telling his wife how he gunned his engine in a confrontation between his BMW and the Jeep that Candice Aronson was driving.
- Dorothy Quigley referred to the Aronsons as "those (expletive) loud New York Jews."
- Dorothy Quigley told Mudd how she lured the Aronson's dog into her yard, then reported to animal control that the animal was running loose. (The Aronsons were cited for this)
- The same neighbors talked of painting the side of the Aronson's house to look like a large oven. Also, there was talk of throwing lampshades and bars of soap into the Aronson's yard "to give them a hint." Both of these are Holocaust references (the Nazis turned the bodies of prisoners into soap and lampshades).

The article then says the Aronsons used a scanner to pick up the conversations. A comment from a DA spokesperson referred to the illegality of _recording_ cellular phone conversations but that there may or may not be a loophole for cordless phone conversations (the spokesperson was not clear about current law at the time of the interview).

7098. Re: That NFL Coach/QB System (General Info)

Newsgroup: rec.radio.scanner
Date: 1994-12-19 21:40:55 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <3d4ul7$imm@umcc.umcc.umich.edu>
Source record: 263759

In article <1994Dec19.184632.11957@hfsi.hfsi.com>,
Mike Houghton <houghtom@hfsi.hfsi.com> wrote:
>one report I heard suggests that the system uses frequency hopping techniques
>as well...that would tend to limit the effectiveness of jamming...
> Mike

It sure would, but I highly doubt they're using any sort of
ECCM techniques, other than perhaps having a secondary repeater input
channel.

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve: 72571,1005 GEnie: T.Tyler5 AOL: Hooligan
Ypsilanti MI PUT AN END TO UNFAIR LABOR PRACTICES -- BOYCOTT CHRISTMAS
48197 UNTIL SANTA EMANCIPATES THE ELVES!

7099. Re: Police jargon

Newsgroup: rec.radio.scanner
Date: 1994-12-19 22:56:18 UTC
From: patmorgn@interport.net
Message-ID: <patmorgn.29.00302E4F@interport.net>
Source record: 263769

In article <3cskm3$jh4@hptemp1.cc.umr.edu> dstuart@rocket.cc.umr.edu (Dave Stuart (dstuart@umr.edu)) writes:
>From: dstuart@rocket.cc.umr.edu (Dave Stuart (dstuart@umr.edu))
>Subject: Re: Police jargon
>Date: 16 Dec 1994 18:01:39 GMT

>Gary Baumgarten (ad225@detroit.freenet.org) wrote:

>: Police jargon varies from department to department so when
>: requesting clarification it's helpful to mention which
>: department you're asking about.

>: Here in suburban Detroit, for example, departments passing
>: information to one another over the inner city point-to-point
>: system sometimes don't understand one another. The code for
>: some of the departments for injury accident is a 205-5.
>: Their neighbor uses 10-55. Another uses PI and still another
>: PIA.

>: My suggestion: get rid of the stupid codes and use plain
>: English!
>: --
>: Gary Baumgarten
>: ad225@detroit.freenet.org

>See, the only problem with that is that the police know what they are
>talking about and get the message across very efficiently. They are not
>talking to you.

>--
>-- Dave Stuart
>dstuart@umr.edu

>Men are men, Women are few, and sheep run scared.
>$>
>-- So It Goes (Slaughterhouse Five)

One of the reasons for 10-codes, is a quick way to get the information out. With Computer AIDED Dispatch, the computer requires the code. For NYC, the code for a robbery Inside a commercial establishment is 10-30C1. Whereas the dispatcher will recite, respond to a robbery inside a commercial establishment. The cops on the street do not know the expanded code because the expansions are for the computer and statistical unit.

10-54--ambulance needed along with RMP. Expansions back in my day.

54C1-cardiac inside location
54C2-Cardiac outside location
54C3-Cardiac CPR performed.

54S1-Serious inside
54S2-serious outside

54I1-injury inside location
54i2-injury outside location

54Q1-other important inside
54q2-other important outside.

Stuff like that for NYPD

7100. Frequencies for the state of Pennsylvania?

Newsgroup: rec.radio.scanner
Date: 1994-12-19 22:58:54 UTC
From: helme@pinhead.genmagic.com
Message-ID: <HELME.94Dec19145854@pinhead.genmagic.com>
Source record: 263760

does anyone know where I can find any online? I'm looking for highway patrol and other state frequencies.

thanks!
--

_____
| | General Magic, Inc.
pete helme | helme@genmagic.com | 420 North Mary Avenue
| | Sunnyvale, CA 94086

7101. Re: SSB on AR8000

Newsgroup: rec.radio.scanner
Date: 1994-12-19 23:25:54 UTC
From: Flying Turtle <vic@ping.com>
Message-ID: <3d54q2$447@nntp.crl.com>
Source record: 263761

> Has anyone noticed that SSB reception on the AR8000 is not as clear as on
> the Yupiteru 7100? I find that the audio sounds a little strange and I
> can't get as much of the "Donald Duck" sound out of it as I can on the
> Yupi. Of course neither is as good as my HF rig.
>
> I also notice that there seems to be a higher noise floor on the AR8000
> than the Yupi, but it also seems to have louder audio.
>
> Any observations would be appreciated.
>
> Thanks.
> Paul, WB2ERY
> perryp@iia.org

Paul don't you think it may be the tighter ssb filter in the Ar8000?
Too wide in AM , narrow in SSB. Not bad for CW.
Have you tried listening with an external speaker?

Personally it dosn't bother me all that much. But then I am used to a variety
of radios as I am sure you are also.

Vic ki4je

7102. Johnathan ph.#?

Newsgroup: rec.radio.scanner
Date: 1994-12-19 23:34:08 UTC
From: 814pawlowski@wmich.edu
Message-ID: <1994Dec19.193408.25635@wmichgw>
Source record: 263764

Would someone please post the address and ph.# of Johnathan in the U.K. so I can get a price check on a aor8000. Thanks in advance!

7103. Re: Inmarsat

Newsgroup: rec.radio.scanner
Date: 1994-12-19 23:35:09 UTC
From: Flying Turtle <vic@ping.com>
Message-ID: <3d55bd$447@nntp.crl.com>
Source record: 263762

> In article <3coiqp$nqt@newsbf01.news.aol.com> daryll1@aol.com (Daryll1) writes:
>
> >In article <cgwh.215.000C2F84@chevron.com>, cgwh@chevron.com (Curtis
> >Wheeler) writes:
>
> >Curtis.... About half of the INMARSAT signals are analog voice. I
> >listen to it here in northern Ohio using a Down East Microwave beam & LNA,
> >sent to an Icom R7100. LOts of interesting stuff when the Haiti thing
> >first went down.
>
> Thank you. I have learned something. I have a terminal hear at work
> (portable) that I use about once a year for emergency drills. I have never
> paid much attention to it but it's digital (9600 I think). It's
> easy to use and can be set up in 10 minutes. I have never taken the time to
> learn about it.
>
> We have one in Nigeria (permantent) for making reliable calls. It may be
> analog - I don't know. I do know that we pay something like $30/min to use it.
>
>

Very interesting, what is a "Down East Microwave beam" ?
What frequency do you listen to with the R7100, mode?

ki4je

7104. Re: discone vs scantenna

Newsgroup: rec.radio.scanner
Date: 1994-12-19 23:40:35 UTC
From: schroederk@rcwusr.bp.com
Message-ID: <1994Dec19.184035.1395@rcwusr>
Source record: 263763

In article <2523@sun3.IPSWITCH.COM>, ddl@harvard.edu (Dan Lanciani) writes:
> In article <12DEC199415214569@vax2.concordia.ca>, hirschj@vax2.concordia.ca (JACK HIRSCHBERG) writes:
> |
> | For scanning, I would choose a discone over any other
> | antenna because of its broadband capabilities. When comparing
> | discones, check Radio Shack. They have 2 versions: 1) about
> | 50-1300 MHz coverage with little gain if any for under $20;
> | 2) an excellent one with 25-1300 MHz coverage and ample gain.
> | This one is at the same level of quality as the ones shown in
> | the Grove and National catalogues, but at $60 it is a steal.
>
> I've had the #2 version on a tower for a few months and I did notice
> one disturbing thing last time I had the tower down (to service the
> TV antenna). The screw inserts on the ends of the long elements of
> the discone (the short elements are solid and don't have inserts but
> the long elements are hollow with crimped-on screw inserts) have become
> quite loose. At first I had thought that the elements were no longer
> tightly screwed in, but it really is the crimp-points that have come
> loose. Whether this will progress to the point where the elements fall
> off or whether they will just sway a bit more in the wind I can't tell...
>
> Dan Lanciani
> ddl@harvard.*

Dan, I noticed on my old discone the same problem. Also, after an ice storm one early spring, several of the elements (the long ones), actually broke off. The weak point apears to be the center of that part that the stainless is crimped onto. On inspection, they actually looked like they were made of pot metal or some other brittle metal like that. I can't vouch for the other brands. But I don't think I would buy another R/S one for that reason. Too bad the entire element isn't made of stainless. I'm wondering if the disimilar metals had anything to do with making that threaded part more brittle.

Just my $.02

Kev
schroederk@rcwusr.bp.com

7105. discone from Radio Shack

Newsgroup: rec.radio.scanner
Date: 1994-12-20 00:54:00 UTC
From: hirschj@vax2.concordia.ca
Message-ID: <19DEC199419543611@vax2.concordia.ca>
Source record: 263953

I thank all the posters that pointed out the weakness of the R/S discone. Now that I know about it, I'll reinforce those points with a little fibreglass resin before I put up the antenna. I've used fibreglass resin at other times with super results. The resin hardens to an almost indestructibe bond that weatherproof the area, provides super strength reinforcement, and is almost completely RF transparent past 1300 MHz. Best of all, it's easily available (any store that sells automotive or marine products) and it is cheap.

--Jack

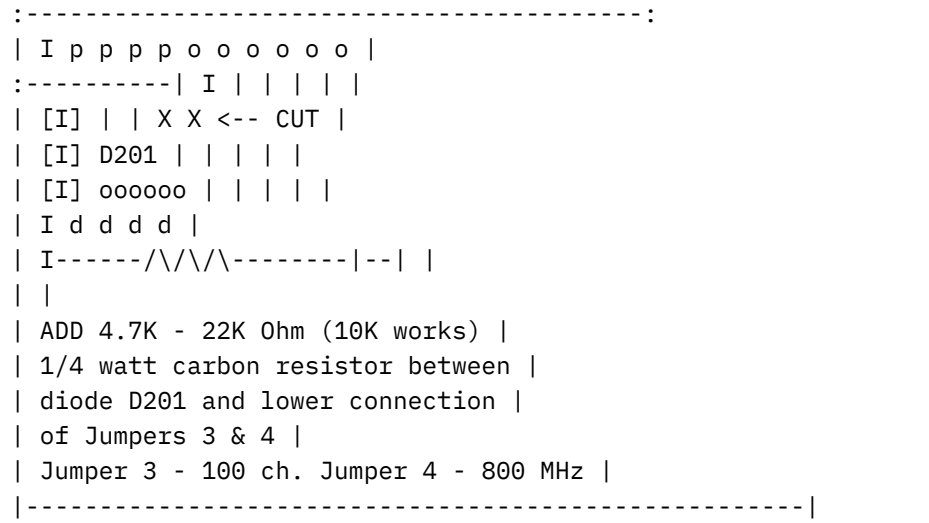
7106. *!*!*!*!* ALL BC 855 Mods here! ****

Newsgroup: rec.radio.scanner
Date: 1994-12-20 00:57:46 UTC
From: an40747@anon.penet.fi
Message-ID: <010304Z20121994@anon.penet.fi>
Source record: 263765

UNIDEN BC-855XLT MODIFICATIONS (OLD BOARD ONLY)

NOTE: use ONLY on boards marked PH-120AE.... use on any other
board will COOK your Scanner

Scope of modifications:
[1] Allow continuous 800 MHz receive.
[2] Increase channel capacity from 50 to 100 ch.


1 2 3 4
I p p p p o o o o o o
I
[I]
X X <-- CUT
[I] D201
[I] oooooo
I d d d d
ADD 4.7K - 22K Ohm (10K works)
1/4 watt carbon resistor between
diode D201 and lower connection
of Jumpers 3 & 4
Jumper 3 - 100 ch. Jumper 4 - 800 MHz

1. Remove 5 screws from bottom of scanner case.
2. Carefully separate case top and bottom.
3. Unplug connector to the internal speaker.
4. Locate diode D201 and 4 jumpers near edge of circuit board.
5. Cut the 3rd and 4th jumpers near the middle and fold
downwulate leads, if necessary.
6. Connect the lower part of jumper 3 & 4 to one end of a 10K
Ohm 1/4 watt carbon resistor, insulate all exposed leads.
7. Connect the other resistor lead to the lower connection of
diode D201, DO NOT cut any leads on D201.
8. Make sure all exposed leads aren't touching any other
connections, insulate as required, tack in place
with a dab of RTV silicone, or low temp hot glue.
9. Reassemble scanner, make sure to plug the speaker back in.
You should now have a scanner with 100 chs. numbered 01-00 s
in 5 banks of 20 ch. and continuous 800 MHz coverage.

** This information for educational and lawful use ONLY **

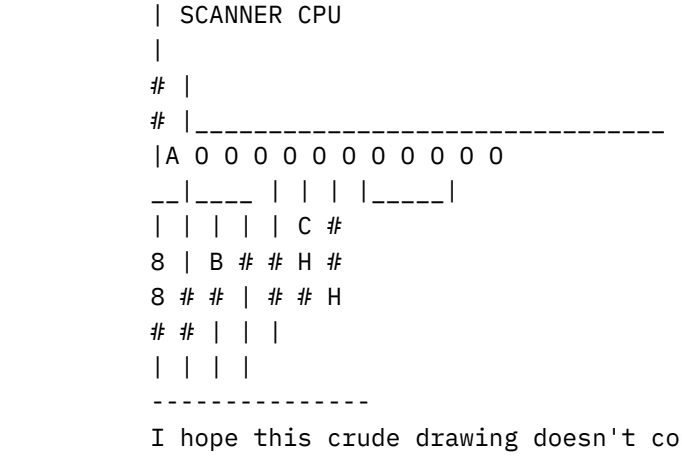
USE ONLY AT YOUR OWN RISK! Neither the author nor the poster of this instruction file
claims any responsibility towards damage to equipment.

NOTE: This mod is for _older_ models of this scanner!!! The reported new boa
rd _will be destroyed_ if this modification is used.....

BC 855 XLT Modifications (NEW BOARD ONLY)

First of all, This mod is for newer BC-855XLTS with circuit board labeled
"PH-120AF" ONLY.
1. remove antenna and power from unit.
2. remove cabinet from unit.
3. locate circuit board attached to the top panel and remove the screws
holding it down.
4. locate the chip jumper shown by "H" below; apply heat with soldering
iron and remove it carefully, using a desoldering tool or wick. Save
the chip incase you wish to restore for warranty repair later.
5. Cut enough lead to route the 10K resister between point A and C or
alternately Band C. Scrape the green insulation off circuit at C or
solder directly to chip at B. Solder the other end of the resistor to
the upper pad where you removed the chip jumper in step 4. Be sure
to slip a bit of insullation on the leads of the 10K resistor to ensure
it does not short against anything
6. Reassemble by reversing steps 1, 2 and, 3. Test by entering a
frequency
between 869 and 894 MHz (870.000MHz).

NOTICE : IT IS ILLEGAL TO MONITOR
CELLULAR CONVERSATIONS IN THIS RANGE



I hope this crude drawing doesn't confuse you.

LEGEND:
O = cpu leads
8 = coil or inductor
A, B, C Points to solder 10K resistor
H = chip jumper to remove.
# = chip resistor or diode
| = vertical circuit trace
_ = horizontal circuit trace

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,

and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

7107. Re: Light on BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-20 01:04:54 UTC
From: sblackman@oavax.csuchico.edu
Message-ID: <3d5ajm$kp2@charnel.ecst.CSUChico.EDU>
Source record: 263959
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3d30sh$p1a@Mercury.mcs.com>, darian@MCS.COM (Darian Mychals) writes:
>Does anyone know of a mod to keep the light from timing out on a BC200XLT?
>
>
>Much thanks!!

Please post it if you come up with one. This is something that's
bugged me for a long time.
Thanx, Steve

7108. Re: 855xlt mod question

Newsgroup: rec.radio.scanner
Date: 1994-12-20 01:25:18 UTC
From: jwilkers@freenet.columbus.oh.us
Message-ID: <3d5bpu$a56@acme.freenet.columbus.oh.us>
Source record: 263766

Jim Ziogas (jimz@infinet.com) wrote:
: I recently grabbed a text file on how to modify the BC855XLT scanner for
: both continuous 800 mHz coverage and an additional 50 program channels.
: But at the end of the file, it states that this mod only works on older
: model scanners. It warns that newer models will be fried if the mod is
: attempted.

I resent a list with _both_ mods on it. It should appear on the net soon.
It tells you to look at the circuit board. Different numbers require
different mods. The number on the board is listed, and you can apply the
proper mod. The older scanner you have should be modded according to the
previously sent mod sheet. But still, look at the circuit board number.

--

John L. Wilkerson Jr. jwilkers@freenet.columbus.oh.us

7109. Re: Pro-46 touchpad mod

Newsgroup: rec.radio.scanner
Date: 1994-12-20 02:13:36 UTC
From: bl058@FreeNet.Carleton.CA
Message-ID: <D137Ip.20K@freenet.carleton.ca>
Source record: 263767

In a previous posting, (dbarton@moe.cc.emory.edu) writes:
> Greetings. Since there have been some requests lately I thought I would
> repost this spiffy mod for the Pro-46.

I'm also looking for a mod that will keep the display backlight ON once
it's toggled, instead of automatically going out after a few seconds. I
use my unit on AC power much of the time, so power drain isn't a concern.
Anyone know of a fix for this?

--
Dan Stark
Internet: dstark@freenet.niagara.com
Fidonet: 1:247/128
St. Catharines, Ontario, Canada

7110. Re: San Francisco, CA. Fr

Newsgroup: rec.radio.scanner
Date: 1994-12-20 02:43:00 UTC
From: brian.parker@nohobbs.org
Message-ID: <941220070514310@nohobbs.org>
Source record: 263955

EGIS-{The BASE Club INC
-{105 Serra Way #363
-{Milpitas, CA 95035

EGIS-{Dues are $25 a year. Send me E-mail if you'd like more information.

Hello Ed,
I'd like some more information if you could E-mail me.

Thanks

73 KD6SBW brian @N0ARY.#NOCA.CA.USA.NA
---
* QMPro 1.51 * But Windows bashing is my job...my only job.

7111. WARNING: John Kwiatkowski RIP OFF!!

Newsgroup: rec.radio.scanner
Date: 1994-12-20 02:53:00 UTC
From: roger.cravens@lightspeed.com
Message-ID: <2594.50.uupcb@lightspeed.com>
Source record: 263930

This message was originally addressed to ALL
and a carbon copy was sent to you.

This message was from TOBY TERUPE to ALL
and was forwarded to you by ROGER D. CRAVENS

From: tumeke@midland.co.nz (Toby TeRupe)
Date: 13 Dec 1994 20:46:19 GMT
Message-ID: <3cl16s$jpa@news.midland.co.nz>

About 6 months ago I purchased a scanner from this prick, and he did a runner with the money saying that the scanner was on its way, (I am in New Zealand), He had also ripped a few other people off. Now I have got hold of this person in another newsgroup: alt.2600 He now assumes the email address: 0007152212@mcimail.com (John Kwiatkowski) He did have the email address : jkwiatkowski@attmail.com People were so kind as to give me information about this person, but nothing could be done from me being so far away, could some people be so kind to give as much information about this scam arsewipe....

Thanks in advance....

Who what I could do.

cc: ALL
ALL
ALL
ALL

. QMPro 1.52 . In God we trust, all others we monitor!
. C2C . Total Recall BBS . Douglasville, GA/USA . 404-920-0621 .

7112. Re: arrl -bbs ?

Newsgroup: rec.radio.scanner
Date: 1994-12-20 03:04:00 UTC
From: brian.parker@nohobbs.org
Message-ID: <941220070515311@nohobbs.org>
Source record: 263956

J-{anybody know if arrl has a bbs?

Yes they do the number is 203-665-0090.
---
* QMPro 1.51 * But honey, I wouldn't be up so late on a faster machine!

7113. Re: Roch NY Freq's wanted

Newsgroup: rec.radio.scanner
Date: 1994-12-20 03:16:52 UTC
From: "Brian Heath"
Message-ID: <3d5ib4$13g@uhost1.servtech.com>
Source record: 263768

> dwwn@uhura.cc.rochester.edu (Daniel Warren) writes:
> Thanks, I had a list that I got from ShackToo BBS, but it's almost 3 yrs
old
> and I'm not sure how accurate. Do you knwo where I can get some of the
> Wayne Ct freq's, such as Palmyra PD and Newark, etc?

The list I posted should pretty much cover the region. The four main frequencies you need to worry about in Wayne County are the fire dispatch (46.440), EMS dispatch (155.940), Sheriff's primary (154.845), and the countywide local PD frequency (154.725) -- from the best of my knowledge, all the local cops in Wayne County use that last frequency. Other channels to keep an eye on also include the State Police Troop E frequencies (154.905, 154.770, 155.625, 155.565) -- they do some of the primary policing duties in some of the towns.

Glad to help -- happy hunting!!!!

~~~~~~
_*/_
/*\ HAPPY HOLIDAYS!!!!!!!
/* o\ Brian Heath -- Rochester, NY
/* o *\ heathbar@cyber1.servtech.com
/* o * o\
(Tree courtesy David Ayres)
~~~~~~

7114. Re: 800 mhz questions

Newsgroup: rec.radio.scanner
Date: 1994-12-20 03:25:00 UTC
From: brian.parker@nohobbs.org
Message-ID: <941220070515312@nohobbs.org>
Source record: 263957

BM-{General question. I live in an area where the PD is on 800mhz trunked syst
-{ I have read the information in the Police Call book about trunk systems an
-{if what i read is correct, a computer switches transmissions to the next
-{available frequency. This is opposed to each channel having its own frequen
-{ While I have been listening, this appears to be true. Do I correctly have
-{understanding of the concept????

You have the general concept except that trunked systems can be
designed so that the next channel may not be the next one they
actually transmit on. Say the Police are using channels 2,
4, 10, and 20 on a trunked system just because the first transmission
is on Channel 2 the next transmission may not be on channel 4.
Also note that they can be on certain frequencies today and
tomorrow they might be on different ones.

BM-{Next, while listening to the channels owned by the local PD, I heard teleph
-{patches not related to the pd or the local government agencies using these
-{800mhz channels. Why is that??

Some of the 800MHZ systems allow the operator (the person with the
radio) to make personal calls, even if it's not a police officer.
Again it all depends upon how the trunked system is configured.
Also I've notices some call boxes on the side of the road also use
the 800MHZ system the city also uses.

BM-{Also, It appears that I am receiving cellular calls in the upper 800mhz and
-{900mhz freq. I thought I was not able to receive cellular calls?? R these
-{really cellular calls? What are the general cellular mhz ranges

BM-{Lastly, anyone out there have an opinion on a Radio Shack Portable model 39
-{It has 200 channels, searcable upper and lower limits and receives 800 and
-{freq? Also is there any way to increase reception while the unit is in the
-{house? Outside antenna? suggestions

I like the Pro 39, the 800-900 runs between 806-823.9375
851-868.9375,896-960 MHZ. The is a mod to be done to the
unit I'll try to find the site if your interested.
I find in the house the best "hot spot" is close to a window
but that all depends upon the structure of your house. I haven't
tried an outside antenna because I haven't felt the need.

Brian
Brian.Parker@nohobbs.org
---
* QMPro 1.51 * But honey, we neeeeeeeed it!

7115. PRO-39 mod. on 1995 unit?

Newsgroup: rec.radio.scanner
Date: 1994-12-20 03:53:34 UTC
From: kah005@acad.drake.edu
Message-ID: <1994Dec19.215334@acad.drake.edu>
Source record: 263770

I have recently purchased a Pro-39 (20-303) scanner which is in closeout this month. However I am concerned about making the cellular mod. on the unit. If anyone has noticed, Radio Shack is dropping many of their brand names for 1995; names such as Realistic, Micronta, Duofone, etc. Most of their products now carry the old, familiar Radio Shack logo. I bought the unit because I knew there was a mod. available for it. However, the scanner has the Radio Shack logo instead of Realistic, indicating to me that it is a 1995 unit. Does this mean that the mod will not work? (Mod. consists of removing diode D6) I am concerned that since it appears to be a 1995 unit, the cellular freqs. may truly be blocked out. I would prefer not to take the unit apart if the mod. will not work. I drove all over town hoping to find some older stock (Realistic name) but was not able to find anything. The picture in the sale flier showed a Realistic unit.

Makes me wonder, is it possible RS wanted to sell the unit for 1995 but could not because it is still modifiable? Or did Radio Shack just decide to can the model even though they may have made some changes?

I am sure this has been discussed here before, but at which date may "easily modifiable" no longer be manufactured? (Sorry to dig up an old subject)

I would love for my unit to be easily modified. However I would like to know before I open the box and actually use it, since I may return it otherwise and buy something used.

I do realize that listening to cellular freqs. is illegal, so I am asking this question merely out of personal interest of course.

On a different subject, anyone know of a good vinyl protective case that does not block the use of the buttons?

Thanks very much!

Kris Harris
kah005@acad.drake.edu

7116. AM/FM vs CB antenna to connect to scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-20 06:30:52 UTC
From: ktong@kolmogorov.jpl.nasa.gov
Message-ID: <3d5tms$jdg@lo-fan.jpl.nasa.gov>
Source record: 263771
Cross-posted to: rec.radio.scanner,alt.radio.scanner

```
Newsgroups: rec.radio.scanner
Subject: Use of AM/FM vs CB antenna for mobile scanner in wide freq
Summary:
Followup-To:
Distribution: usa
Organization: Jet Propulsion Laboratory/Section 331
Keywords:
Cc:

I want to minimize cost and purchasing antenna.

I want to scan from my car using a hand held scanner that
covers a wide range, 5 Mhz to 1300 MHz.

Option 1: Use my car AM/FM antenna. Need to buy a Y-splitter
to split antenna to a motorola and BNC. ~Cost $20.

Option 2: Buy a magnet mount CB antenna (I don't have a CB yet, but am
thinking of getting one in the future for traveling.) with
a BNC connector. ~cost $30.

What are the pros/cons, strength/weaknesses of these two options.

Thanks for any information.

--
Kevin Tong, KE6JFV JPL 238-420
ktong@shannon.jpl.nasa.gov 4800 Oak Grove Drive
(818) 354-0657 Pasadena, CA 91109 USA
================================================================
```

7117. Mods for Uniden Bearcat 200xlt -> HERE

Newsgroup: rec.radio.scanner
Date: 1994-12-20 06:46:09 UTC
From: dwatt@unixg.ubc.ca
Message-ID: <3d5ujh$5cv@nnrp.ucs.ubc.ca>
Source record: 263774
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I see a slow but steady stream of individuals inquiring as to where they can find mods for their Bearcat 200xlt. As we all know, a good mod is like 'the cherry on top' of an already fine scanner, and potentially the best part of a not-so-fine scanner. Might I direct anyone looking for Bearcat mods to the following ftp site:

oak.oakland.edu /pub/hamradio/mods/uniden/bearcat

This directory has more than 20 mods for Bearcat scanners, (while this ftp site has an abundance of mods for all makes and models of scanners), with about 5 or 6 specifically for the 200xlt. Mods include repairing a faulty battery indicator, speeding up the scan/search rate, restoring cellular coverage, etc..

Cheers, Dave

7118. Re: HELP - BC200XLT Dead, Uniden wants me to buy new battery

Newsgroup: rec.radio.scanner
Date: 1994-12-20 07:45:36 UTC
From: jthurs@gcr.com
Message-ID: <3d6230$fql@lute.gcr.com>
Source record: 263773

mlundy@snowhit.att.com (Mark Lundy (816)995-3887) writes:

> I posted this question a couple of weeks ago and go no reponses.
>My 200 is DEAD. Won't display anything. Battery light indicates
>charging. Even when plugged in, no display, no workee!!
> I talked to Uniden this AM and they say I need to spend nearly
>$40 on a new battery.
> HELP ME!!!
Mark,
Try scanner world (I think they are located in Albany, NY). You
may also want to try Alexander Batteries (Mason City, IA 50401). I know
scanner world carries many scanner batteries, and Alexander carries
batteries for just about everything under the sun. Happy hunting!
--Jason
==
| Jason Thurston | jthurs@gcr.com |
| Firefighter III/EMT-A |_________________________|
| Dumfries-Triangle Rescue Squad, Stations 3-Rescue & 17 |
| Prince William County, Virginia, USA |
==

7119. Scanner 4 sale

Newsgroup: rec.radio.scanner
Date: 1994-12-20 11:33:43 UTC
From: stegner@richmond.infi.net
Message-ID: <stegner.2.000B903C@richmond.infi.net>
Source record: 263933

I have the following for sale:

Package 1 --- $1000
PRO-2006 and PRO-43 with HB232 computer interface installed in both with
software
GRE Preamp
Grove PRE-4 preamp
Scanner Mod Handbooks 1 & 2
Sherlock 3.0, ProXport, ProScan

Package 2 --- $600
PRO-2006 with OS/456 computer interface installed
TCF-4 CTCSS tone finder installed
Probe and Scan Control for Windows software
Percon and Grove FCC CD-ROMs w/mapping

Package 3 --- $60

Bearcat 20/20

Respond via email if interested.

Don Stegner
stegner@richmond.infi.net

7120. Re: uniden 900 mhz phone

Newsgroup: rec.radio.scanner
Date: 1994-12-20 12:22:56 UTC
From: "Insert username here"
Message-ID: <Insert-2012941222560001@kjohnston-mac.qualcomm.com>
Source record: 263945

In article <D14I84.BLy@boi.hp.com>, jqtaylor@boi.hp.com (John Quill Taylor) wrote:

> i put my radio shack freq. counter right atop my uniden
> 900 mhz cordless phone and it didn't lock on anything!
> when i scan 902-928 mhz, i only get a few dead carriers.
> how does this thing work?
>
> -Is this thing spread spectrum ? if so the bandwidth of the transmitted signal is spread at random over as much as a megacycle or so, all a scanner would here would be a slight rise in the noise floor if it heard anything at all. Just a guess,, Keith Johnston kjohns@Qualcomm.com
>
> __
> John Quill Taylor / /\
> Writer at Large / / \
> Hewlett-Packard, Storage Systems Division __ /_/ /\ \
> Boise, Idaho U.S.A. /_/\ __\ \ _\ \
> e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
> Telephone: (208) 396-2328 (MDT = GMT - 6) \ \ \/ \\ \ /
> Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
> 11413 Chinden Blvd \ \ \ \ \\ \ \
> Boise, Idaho 83714 \ \ _\/ \ \ \
> Mailstop 230 \ \ \ _\/
> _\/
> "When in doubt, do as doubters do." -jqt
>
> haiti, rwanda, cuba, bosnia, ... we have a list,
> where is our schindler?

7121. Re: Cellular Telephone Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-12-20 13:33:10 UTC
From: wbloss@delphi.com
Message-ID: <RmzU-A+.wbloss@delphi.com>
Source record: 263926

Berton Corson <g9153402@huey.csun.edu> writes:

>the handset frequencies are 824 - 849 Mhz. There are about 1,000
>frequencies to search in each of those bands, so in searching those

Actually, you'd only need to enter about 16 , ie one cll cell's worth,
assuming you were scanning from a fixed location and wanted to listen ti
the nearby ccell. Cewlls are programmed to only xmit on a specific
group of frequencies, and once you find one, al ther rest fall in
line with a .63 MHz spacing.
I have a full list of cell spacing, its also in US Scanner Pub's
state by state frequency almanac. If anyone wants mine, e-mail me

and I'll fax it yto you. I need a fax number in the e-message.

Wally Bloss
WB0BAV
a human

7122. Wanted: AR-3000(A) Technical Instructions

Newsgroup: rec.radio.scanner
Date: 1994-12-20 13:41:22 UTC
From: deutsche@sun2.ruf.uni-freiburg.de
Message-ID: <3d6mu2$7mn@sun2.ruf.uni-freiburg.de>
Source record: 263928

Hello,

I am looking for a Technical Instructions Manual for the AOR AR-3000A. I already have a bad photocopy of the HF/IF-Board-scheme, but I need a better base to make more modifications (filters, etc.). Theoretically, a manual is available here in Germany, but 1) it costs 130 DM (about 80 US-$) and 2) I didn't buy my rig from the official german distributor, so they won't sell me a manual.

So if anyone has such a technical manual and could make me good photocopies of the schemes and the printed board layouts, please send me a E-mail. Of course I will cover all expenses (photocopies, postage...).

Thanks in advance for reading this article and perhaps replying...

Udo Deutscher, Freiburg, Germany
E-mail: deutsche@sun2.ruf.uni-freiburg.de
Packet-Radio: DL3GN @ DB0FRB.#BW.DEU.EU

--

7123. Re: BC 100xlt Modifications?

Newsgroup: rec.radio.scanner
Date: 1994-12-20 13:49:21 UTC
From: mrife@nyx10.cs.du.edu
Message-ID: <3d6nd1$3km@nyx10.cs.du.edu>
Source record: 263927

I'll answer my own posting. I found a lot of mods on oak.oakland.edu in /pub/hamradio/mods.

7124. Re: Pro-46 touchpad mod

Newsgroup: rec.radio.scanner
Date: 1994-12-20 14:02:37 UTC
From: paul_haring@jhuapl.edu
Message-ID: <paul_haring.5.00090B77@jhuapl.edu>
Source record: 263929

In article <D137Ip.20K@freenet.carleton.ca> bl058@FreeNet.Carleton.CA (Dan Stark) writes:
>From: bl058@FreeNet.Carleton.CA (Dan Stark)
>Subject: Re: Pro-46 touchpad mod
>Date: Tue, 20 Dec 1994 02:13:36 GMT

>I'm also looking for a mod that will keep the display backlight ON once
>it's toggled, instead of automatically going out after a few seconds. I
>use my unit on AC power much of the time, so power drain isn't a concern.
>Anyone know of a fix for this?
>
>--
>Dan Stark

Indeed, I would like that mod too. I hate the light going out on it's own!
I've noticed that you can keep it on by pressing any key, since it seems to
time the interval since last key press. But sometimes there isn't an
appropriate key, one that won't change what you're doing.

-- Paul --

7125. Re: Johnathan ph.#?

Newsgroup: rec.radio.scanner
Date: 1994-12-20 14:11:41 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3d6omt$phq@sparc.occ.uky.edu>
Source record: 263938

814pawlowski@wmich.edu wrote:
: Would someone please post the address and ph.# of Johnathan in the U.K. so I
: can get a price check on a aor8000. Thanks in advance!
:
Johnathan Clough
Javiation
clough@javiaton.demon.co.uk
44 0 1274 732146
--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

7126. TEST DONT READ..TEST..

Newsgroup: rec.radio.scanner
Date: 1994-12-20 14:53:47 UTC
From: jmscamar@titan.ucs.umass.edu
Message-ID: <3d6r5r$oq0@nic.umass.edu>
Source record: 263931

--
**********"Quiet fools, the dungeon master has arrived" -Tom Servo**********
Joe Scamardella at the Satellite of Lovejmscamar@titan.ucs.umass.edu****

7127. HELP..NEED ICOM LOGGING SOFTWARE..

Newsgroup: rec.radio.scanner
Date: 1994-12-20 15:43:06 UTC
From: bcobb@wkuvx1.wku.edu
Message-ID: <1994Dec20.094306.1@netnews.wku.edu>
Source record: 263934

Am looking for some software which will work with an ICOM 7100 radio.
I'm interested in logging type software which will scan a given band
and log the time/date etc of frequency useage.

Any sources and comments would be helpful! Thanks.

Bob

7128. Re: Re: Anyone wanna buy a Pro2006?

Newsgroup: rec.radio.scanner
Date: 1994-12-20 15:46:20 UTC
From: Don Montgomery <don.montgomery@Daytonoh.ncr.com>
Message-ID: <D14958.Fsx@ranger.daytonoh.ncr.com>
Source record: 263932

What's the price?

7129. Re: Johnathan ph.#?

Newsgroup: rec.radio.scanner
Date: 1994-12-20 16:04:24 UTC
From: schuster@panix.com
Message-ID: <3d6va8$lm5@panix3.panix.com>
Source record: 263966

In article <1994Dec19.193408.25635@wmichgw>, <814pawlowski@wmich.edu> wrote:
>Would someone please post the address and ph.# of Johnathan in the U.K. so I
>can get a price check on a aor8000. Thanks in advance!

As dialed from the US:

Voice: 011-44-274-732146
Fax: 011-44-274-722627
--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

7130. Detroit PD Unit callsigns

Newsgroup: rec.radio.scanner
Date: 1994-12-20 16:13:37 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <3d6vrh$1uv@umcc.umcc.umich.edu>
Source record: 263936

Detroit Police Department

2000 Chief
2100 Various Command Officers (Deputy Chiefs, Commanders)
2300 Special Operations
2400 Special Crimes
2500 Major Crimes Mobile ("MACMOO") Units
2700 Homicide Units
276_ Homicide Squad 6 unit -- Drug-related murders
2800 Arson Squad
3000 Narcotics Section
3100 Armed Robbery
3200 Federal Agents? Once I heard an FBI agent ID as 3211 on
a DPD channel. Maybe the series is reserved for joint task
force members?
3500 "WAYMAC" (??)/Sex crimes
3900 Mounted (horse) Section
4200 Special Crimes
4500 "Law Base" & units. ??
4700 Crime Scene/Evidence Techs

Patrol Section

-- denotes particular Precinct #.

#50-59 Inspectors
#60-69 Lieutenants
#70-79 Sergeants

#X Accident Investigation Officer
#1-49 Regular patrol units (I think #30-series units are plainclothes
units).
#100+ Investigative Operations Section (IOS) units -- Precinct
detectives.
CRUISER # -- Plainclothes car with 4 BIG officers ('the Wrecking Crew'),
sent to handle bar fights, etc.
#90-99 Abandoned car patrols, maintenance units & other misc. use.
#MOTOR Traffic enforcement units (white cars & hats)
#BEAT Foot patrol units.
_____ RANGER School & crosswalk patrol. ____ = school/area.
C-TOW DPD Tow truck -- patrols the downtown area, & used to tow cars
being impounded (blocking traffic, evidence holds, etc.) by
DPD.
B.I. Belle Isle units
AIR DPD Aviation Section (helicopters)
TAC Tactical Services Section units

TAC-3# = K-9 units
BLUEBIRD Plainclothes units that would ride public transportation
buses to deter crimes on the buses. Officer(s) on bus would be
followed by a marked or unmarked patrol car. BLUEBIRD program is
apparently not currently active.

****

About 80% of the above was obtaining through basic COMINT & traffic
analysis over the years, so some of the above might be incorrect/outdated.
Updates/additions/corrections would be appreciated.
--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve: 72571,1005 GEnie: T.Tyler5 AOL: Hooligan
Ypsilanti MI PUT AN END TO UNFAIR LABOR PRACTICES -- BOYCOTT CHRISTMAS
48197 UNTIL SANTA EMANCIPATES THE ELVES!

7131. Look up callsigns, please?

Newsgroup: rec.radio.scanner
Date: 1994-12-20 17:02:42 UTC
From: kg5ai@w5ac.tamu.edu
Message-ID: <3d72ni$fh3@news.tamu.edu>
Source record: 263939

I have some low power digital transmitters in my area that I'd like IDed.
These would be business band in a database.
461.6625 WNXX420 Target
464.3375 WNYX988 Albertson's?
The Target used to have a different call (WNZF527). What are these things
used for anyway? Dillard's at the mall uses them too.
City of transmission is College Station and County is Brazos. If anyone has
a more up-to-date database or a nationwide one (if they brought them in from
somewhere else) I'd appreciate someone letting me know who these calls come
back to.

myles KG5AI

7132. Arizona AirEvac Freq

Newsgroup: rec.radio.scanner
Date: 1994-12-20 17:03:56 UTC
From: willybg@primenet.com
Message-ID: <willybg.7.0034EBCF@primenet.com>
Source record: 263937

Hi guys,

The wife and I just purchased a portable Scanner. We are programming local channels of interest now. The wife wanted to know if anyone had the frequency to the Air Evac (emergency medical helicopter) in the phoenix, AZ area or a similiar service.

Thanks for your help
Bill & Stacy

7133. You people are nice

Newsgroup: rec.radio.scanner
Date: 1994-12-20 17:30:53 UTC
From: maverick@csulb.edu
Message-ID: <3d74ce$c8i@garuda.csulb.edu>
Source record: 263935

I just want to tell everyone on rec.radio.scanner and alt.radio.scanner that you are among the nicest people I have ever encountered on the net. I have participated in many newsgroups from arts to computers, and never have I come across more helpful and knowledgable people anywhere. This really makes scanning a pleasure. Have a nice holiday season!

Sincerely,
Hiran

7134. Scanner FTP sites?

Newsgroup: rec.radio.scanner
Date: 1994-12-20 17:35:41 UTC
From: dbraun@scdtintel.com
Message-ID: <3d74ld$2lj@inewssc.intel.com>
Source record: 263859

Has anyone seen a FTP site that has any scanning-related software?
I am especially looking for software to control Kenwood HF radios.
I have heard that there are telephone BBSes, but
I really need a FTP site.

--

Doug Braun Intel Israel, Ltd. M/S: IDC-42
Tel: 011-972-4-655069 dbraun@inside.intel.com

7135. Naval Freq near Key West

Newsgroup: rec.radio.scanner
Date: 1994-12-20 17:49:00 UTC
From: john.avery@uchoice.com
Message-ID: <1ad.8247.1974@uchoice.com>
Source record: 263969

I'm going to Key West in the next week or so and wondered if anyone had
the frequencies for the Naval Air Station down there? I'm interested
mainly in aircraft and the flight line operations.
Thanks.
John.

 SLMR 2.1a Gotta run, the cat's caught in the printer.

7136. Re: AR8000 and CB mobile antenna

Newsgroup: rec.radio.scanner
Date: 1994-12-20 18:40:23 UTC
From: horak@convex.com
Message-ID: <3d78en$9gi@eugene.convex.com>
Source record: 263972
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In <3cvob1$2un@nntp.crl.com> Flying Turtle <vhealey@crl.com> writes:

>I hooked up the AR8000 to a CB mobile antenna today. Suprise, I
>received the Denver Col time checks on 5. 10. and 15. clearly.
>The signal on 15. K was extremely strong as the day wore on
>as expected. Broadcast SW came in acceptable also while mobile.
>I was able to copy the BBC around 9:30AM EST around 9+ K.

>CB 27.185 came in
>acceptablely but I think a dedicated CB probably would do better
>on that frequency. I meant to try putting that in priority
>with a check around ever 9 seconds but I forgot to.

I noticed good results with my CB antenna on low freqs too. I use
a YUPI MVT7100 but have had some overload using the CB antenna on the
highway. The truckers on 27.185 overload the front end with the CB
antenna.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

7137. uniden 900 mhz phone

Newsgroup: rec.radio.scanner
Date: 1994-12-20 19:02:28 UTC
From: jqtaylor@boi.hp.com
Message-ID: <D14I84.BLy@boi.hp.com>
Source record: 263941

i put my radio shack freq. counter right atop my uniden
900 mhz cordless phone and it didn't lock on anything!
when i scan 902-928 mhz, i only get a few dead carriers.
how does this thing work?

--

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MDT = GMT - 6) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 230 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

haiti, rwanda, cuba, bosnia, ... we have a list,
where is our schindler?

7138. Re: You people are nice

Newsgroup: rec.radio.scanner
Date: 1994-12-20 19:03:52 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Dec20.140352@hnrc.tufts.edu>
Source record: 263940

In article <3d74ce$c8i@garuda.csulb.edu>, maverick@csulb.edu (Hiran C. Fernando) writes:
> I just want to tell everyone on rec.radio.scanner and alt.radio.scanner
> that you are among the nicest people I have ever encountered on the net.
> I have participated in many newsgroups from arts to computers, and never
> have I come across more helpful and knowledgable people anywhere. This
> really makes scanning a pleasure. Have a nice holiday season!
>
I'll second that. You'll see some mild flame wars about political posts, but
now that you've msde me reflect on it, I can't recall a single case of the
intellectual bullying (using knowledge as a club and trying to make the poser
of a simple question seem intellectually inferior) that is so prevalent in
other groups.

7139. Re: FCC Database questions

Newsgroup: rec.radio.scanner
Date: 1994-12-20 19:12:42 UTC
From: driver8@netcom.com
Message-ID: <driver8D14Ip6.L1s@netcom.com>
Source record: 263942

In article <3d42sn$g5m@usenet.ins.cwru.edu>,
Mike Staples <fa419@cleveland.Freenet.Edu> wrote:

>1. Approximately 1/3 of the records are duplicates. I'd like to believe that
>since Grove doesn't include all the fields that there is some thing in the
>other fields that makes these records unique. Is that the case?

Not necessarily, though it's possible.

>vice versa! Is the FCC just dumping whatever data they get on the application
>into their database without any verification? Even if this is the case, how
>could there be so many mistakes from the applicant?

You'd be amazed. The license applications are obviously filled in by radio
dealers, consultants or whoever, or by business types who really don't know
what county a radio is in, if they can even spell it right. You have to
search out all misspellings imaginable, because FCC will never fix them!
(They'd be crazy to try.) The point is that the FCC database is incredibly
sloppy, almost to the point of humor.

>words, stations that should be listed, ain't. Why? A application to new to
>be in this database release? Doesn't seem likely.

Many, if not most, businesses, and more municipalities than you want to
think just never bother to renew these licenses. The sales droid or
consultant splits, or the guy that's supposed to do it retires, and the
licenses merely expire. After a certain period, they're dropped from the
database, but the radios are still in use. You also have your pirate
operations that never bothered to license their radios in the first place.

>listed. From the antenna height, power etc, I don't see how it would be
>possible for them to operate simutaneously without interfering with each
>other. Are some of these outdated licenses? Some kind of time sharing going
>on?

They're on different PLs, or the channel isn't used a lot, or the channel
is for interoperability and used in emergencies, or they just interfere.
Or all of the above.

>flamed by the FCC for this? :) *)

Turn in your infohighway driving license, you're busted! :-)

--
+---+
__ BFO	Hugh Stegman		driver8@netcom.com
|||| on	RCMA Below 30 MHz || driver8@red-eft.la.ca.us
|__| off	"SHORT quote here" || CI$: 71460,2270

+--+

7140. Re: AM/FM vs CB antenna to connect to scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-20 19:16:02 UTC
From: n9315@pnet16.navy.mil
Message-ID: <D14Iur.6Go@nctams1.uucp>
Source record: 263962
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Option 3: Get a mag-mount scanner antenna, like the one I use from
Radio Shack. It works fine, but comes with a Motorola plug on the end
of the coax that I needed to replace. I use this for my HT when I have
it in the car for 2m & 70cm

****
*Unless otherwise stated, expressed view are my own. They may not be the *
opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.
* *
*Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded) *
*ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil *
****

7141. Question about Mods

Newsgroup: rec.radio.scanner
Date: 1994-12-20 19:35:50 UTC
From: chris@ll.mit.edu
Message-ID: <1994Dec20.193550.17036@ll.mit.edu>
Source record: 263943

I'm not really sure who sent in the mods for the Bearcat 855 XLT, but thank you!

But now I have another problem, you gave mods for an old circuit board,
and a new one. I have a circuit board with a different number, so I decided that
it will be easier just to give you all the numbers I could find on my scanner.

Top circuit board: PH120AB
Middle circuit board: PH129AB
Bottom circuit board: PH119AB 1/3

Serial # 15016395
FCC ID AMWUB218
Manu. Date OJIA

There is also the number 1990 on the scanner. I don't know if it's the year or
something else.

Also, can a tone board be added to this model?

Thanks,
Chris

7142. Re: AR8000 and CB mobile antenna

Newsgroup: rec.radio.scanner
Date: 1994-12-20 20:02:30 UTC
From: weasel@dfw.net
Message-ID: <3d7d8m$6gk@dfw.net>
Source record: 263954
Cross-posted to: alt.radio.scanner,rec.radio.scanner

: >I hooked up the AR8000 to a CB mobile antenna today. Suprise, I
: >received the Denver Col time checks on 5. 10. and 15. clearly.
: >The signal on 15. K was extremely strong as the day wore on
: >as expected. Broadcast SW came in acceptable also while mobile.
: >I was able to copy the BBC around 9:30AM EST around 9+ K.

But be aware some CB antennas using shunt-wound design (base-loaded A/S designs) don't work with some scanners. Apparently their front-end design does not work with this type of antenna. This applies also to commercial 2-way antennas of similar design.

Bill...

7143. AOR8000 Review Part1 - Repost

Newsgroup: rec.radio.scanner
Date: 1994-12-20 20:25:39 UTC
From: mellerso@uga.cc.uga.edu
Message-ID: <mellerso-2012941525390001@mequad.ucns.uga.edu>
Source record: 263944

The AOR8000
A Review by
Mike Ellerson
KE4RQI

Well, after a very long wait the US version of the AOR8000 has finally began shipping in the U.S. Having received one of these "street legal" (read as cellular deleted) versions of this radio, I thought I would take a few minutes and jot down my initial impressions and experiences with using the radio. This is a non-technical review and only reflects my personal experiences in using the AOR8000. I have owned about 10 different scanners over the last few years, but this radio is absolutely the best scanner that I have seen so far. This radio was designed with the true scanner enthusiast in mind. Somebody was listening to what the scanner hobbyist wanted when the AOR8000 was designed. No, it is not perfect and has its warts, but it comes pretty darn close. This is probably not the best radio for the beginning scanner enthusiast, but could be a radio to grow into if you are patient.

BACKGROUND
The AOR8000 is a hand held scanning receiver that covers 500 kHz - 1900 MHZ (less cellular). The radio has a total of 1000 memory locations that are divided into 20 banks holding 50 memory channels each. Each memory can contain the frequency, mode, attenuator setting, and a 7 character alphanumeric tag. The receiver can be operated in AM, NFM, WFM, USB, LSB, and CW modes on any frequency the radio can tune. Tuning is accomplished through either a rotary tuning knob located on top of the radio, slewing buttons on the keypad, or direct frequency entry via the keypad. Step sizes for tuning can be set anywhere from 50 Hz to 999.995 kHz. The scan/search rate is around 30 channels per second. The radio also includes 20 search banks that can be named. Up to 1000 pass channels are available for skipping unwanted frequencies when scanning or searching. There is a BandScope feature that lets you see activity on adjacent frequencies. The scan delay can be set from 0.1 to 9.9 seconds. The radio can be powered from four AA batteries or a 9 to 12V DC power source. The radio comes with 4 rechargeable nicad batteries, charger, metal belt clip, rubber ducky antenna, and a cigarette lighter adapter cable. If that's not enough, there is also an optional RS232 interface (not available in the U.S. yet) These are just the big things, this radio has many more features that will be mentioned later on in the review.

CONSTRUCTION

Case
The AOR8000 is basically constructed like most modern scanners. The

case is a light weight plastic. Usually my first reaction to this is "Hey this thing can't work, it's not heavy enough!" I really prefer my radios to have some heft to them. Of course with surface mount technology everything is getting smaller and lighter. I really wish that scanners were manufactured more like amateur radio handie talkies. Amateur radio gear is typically constructed with very tough plastics that are more durable for portable use. Most of the time you can drop them a few feet onto a hard surface and they will survive. The AOR8000 does have an interesting feature in this area to help prevent dropping the radio. There are rubberized grips on the side of radio to keep the radio from slipping out of your hand if the monitoring activity gets too intense and your palms get sweaty. However, the first time you drop this puppy on the concrete, forget it! If you are going to get this radio, go ahead and spring for the leather case. On the other hand, even with the batteries and rubber duck attached the radio is very light. I like to carry my scanner inside of my jacket pocket. With the AOR8000, you will hardly know it's there. When I have my Yaseu FT530 in my coat pocket, believe me, I know that it's there. Sort of like carrying around a small revolver.

Controls
The tuning, on/off volume, and squelch knobs are coated with a rubberized plastic. This is a nice touch that it starting to show up on lots of radio equipment. One of the knobs on my radio was a bit loose, but seemed to stay on. The rotary tuning dial feels a bit rough, but it seems to work ok. When turning the rotary dial pretty fast, you may notice that sometimes the AOR8000 will not move to the next frequency or function right away. This can be a little disturbing at first, but is really not a problem and is mentioned in the manual. I have had a least one scanner with this feature where the rotary tuning knob would get stuck completely while tuning in one direction. Spacing between the knobs on top of the radio was also well thought out. There is more than adequate room for fat fingers.

Display
The display is very nice. It uses a 4 line dot-matrix format that is much easier to read than conventional LCD displays. It is nice to see a display that features large easy to read numbers for a change. I always hated squinting at those little small displays that come on most scanners, especially while driving. The viewing angle is generally very good, but I wish it was a bit wider. If I lay the radio in the seat of the car, I usually will have to pick the radio up and tilt it a bit to see the display. However because of the large display and good contrast, I can read the information very quickly, hopefully avoiding rear ending the guy in front of me. The green edge lighting for the display could be a bit brighter, but is entirely adequate for night operations. The edge light can be locked on if necessary. This is very nice if you are going to use the radio in your car at night. The AOR8000 would work well for nighttime mobile operation, if you have a mount that would let you tilt the radio at the appropriate angle. The combination of the large display and edge light would work out pretty well for this application. Speaking of the display, it is covered with a large clear plastic window that is roughly even with the face of the radio. My experience with this design is that if you are not careful, you can scratch

the surface very easily. Believe me, on this radio there is plenty to scratch. This might be another good reason for procuring the $29.95 leather case from AOR or a substitute.

Keyboard
I found the keyboard to be a delight to use. The key's have a nice positive feel with good tactile feedback. They are large enough and spaced far enough apart that even if you have fat fingers, there is little danger of hitting more than one key at a time. The legends on the keys and on the radio body are easy to read. I have had more than one radio with skinny keys and the legends were difficult to see because of the color schemes used. There is of course the mandatory BEEP found on most scanners for keyboard input. This can get rather annoying on any radio when you are trying to enter 200 frequencies in the middle of the night with everyone else asleep. But guess what, this one can be switched off! Another very nice thing about the keyboard is that it lights up when the edge light is turned on. I have seen this on a few amateur radio handie talkies, but not on a hand held scanner or many mobile scanners for that matter. I don't know how many times I have gotten up in the middle of the night during the worst thunderstorm of the year with all the power out. Located the scanner to see if we needed to head for the storm cellar then I would have to fumble around for a flashlight to operate the keypad. No need to do this with this radio, all I have to do now is just find the radio. The lighted keyboard also makes night time mobile operation much safer. No more trying to operate the radio by the dome light or street lights. The special keys on the side of the radio are also lighted and somewhat recessed to avoid accidental presses. This was a nice touch also. The side mounted keys include the Function key which is used with another of the AOR8000 keypad keys to access various menus and functions of the radio. The Edge Light key, Keyboard Lock key, and the Monitor key that opens the squelch temporarily for monitoring weak signals. Overall, this is a very solid built little radio when all factors are taken to account.

OPERATION
This radio has some of the most flexible and useful memory management tools I have seen on any radio. The manual is necessary reading to help you understand how they can be used. I will try to discuss a few here.

Manual
My advice to anyone getting the AOR8000 is to READ THE MANUAL! I know we hate to do that, but it might avoid some confusion later. With this radio, it is best done in small chunks or referring to the manual as you need to figure out how to do something. If you read it straight through, you will probably not get a lot out of it. Speaking of the manual, I felt that it was exceptionally well written compared to what you normally get. Everything is explained in detail with good illustrations. There is even a section on antennas and propagation to help you get the most out of the radio!

Entering Frequencies
Probably one of the most hateful aspects of using a scanner is entering

that list of 200 or 300 frequencies that you have collected. I found this function on the AOR8000 to be a logical approach that one can very quickly adapt to and learn to love. On most scanners you had to do something like MAN-10-ENT-PROG-123.500-ENT-DELAY to get the frequency into channel 10 with the delay set. First you had to manually go through the banks to find an available channel and try to remember the available channel when you entered the new frequency. If you were sadistic enough and try to enter all 200 of your frequencies you could wind up with you fingers in a cast at the end of the day. The AOR8000's approach to entering frequencies is much more logical. Just type in the frequency and press ENT. Press ENT again and hold it for a second and the radio will automatically bring up the first available channel in a bank. At this time you can keep going or select a different channel or bank through the keypad or rotary tuning knob. If the channel already contains something, you will see contents flashing to let you know there is something already there. This is great, no more accidentally overwriting that rare frequency you discovered at 2 am in the morning a month ago. I don't know how many times I have done that! You can overwrite the channel or keep going until you find the one you want. Pressing ENT again will enter the frequency into that channel and bank. Pressing ENT again will allow you to enter up to 7 characters for a channel tag. This is done by rotating the tuning knob through a selection of upper and lowercase letters, numbers, and punctuation. Pressing the left and right cursor keys allows you to change position to enter the next character or edit one you messed up. When finished you press ENT and you are done. This may sound a little tedious to see it described, but in practice it is very intuitive and fast. If you mess up, you can press CLEAR or just wait 90 seconds and do not do anything, the radio will return to doing what it was doing before you made this mess. I couple of gotchas here. The radio comes with the Mode and Step selection set to AUTO. This means when you key in a frequency, the radio will try to select the correct mode like NFM, WFM, AM, etc. and the correct step when the frequency is entered. This works well most of the time, but some of the Bandplan data contains steps that may not be appropriate for the frequency you are trying to enter. I found this out after trying to enter our local amateur radio repeater of 146.745 and after 90 seconds the frequency would change to 146.7500. You can very quickly change the step size and everything is ok after that point. I find that the alphanumeric tags are great. When you have several hundred frequencies programmed into a scanner, it is very pleasant to be able to look at the display and say "Oh yeah, that is the TACT56 channel." It also helps you remember why you stuck that frequency in to begin with! You also have the ability to some very sophisticated things like edit the channel contents. You can change the mode, frequency, attenuator, step, and tag. This will save some retyping and entry errors. There are many other things you can do with memory channels, like copy from one to another, move from one to another, and swap from one from another. I have not really found a whole lot of use for these yet, but I am sure I eventually will. You can even delete a channel! One thing that I learned was useful, was to use the feature that allows you to press the Function button just once and then select the 2nd key. To me this was much simpler than trying to keep the

function button pressed while selecting the 2nd key. This makes changing modes and step sizes and such much faster. Changing modes and steps is fast and easy. All you have to do is press Function and Mode or Step and rotate through the choices in the menu with the cursor keys or the rotary tuning knob

Dual VFOs
This is a great idea in a scanner. This allows you to have two frequencies for immediate access if necessary. Some people may also find this attractive for monitoring duplex communications. Each VFO can be set to and individual frequency, mode, and step. They may be very quickly toggled back and forth. Most amateur radio gear has this feature. It is finally nice to see it show up in a hand held scanner.

Banks
The AOR has a total of 20 banks each holding 50 channels. This is a great idea! Most scanners I used had something like 10 banks of 20 channels or 10 banks of 100 channels. The 10x20 and 10x100 models were always frustrating when trying to set your scanner up by service type. When I had 45 aircraft channels to program, I would windup having to have 20 in one bank, 20 in another and 5 in another. Well I always felt that I hated to take up a 20 channel bank with only five channels, so I would usually leave them out. The 10x100 was not as bad, but I would usually like to have more than 10 banks to organize frequencies in. The AOR8000's 20x50 arrangement is just about perfect. There are plenty of banks and channels to organize your frequencies. The banks are labeled A-J and a-j. The lowercase banks can be passworded to keep out prying eyes and fingers. I have not really used this, but some people may find it useful. The AOR8000 uses an idea called bank linking. Most scanners do this in some way, but AOR's way is quite good. Most scanners allow you to add or remove banks from being scanned by pressing the number of the bank you want or do not want to scan. On the AOR8000, you turn the linking feature on and then key in the banks you want to link together for scanning. For example you could scan banks ADGH by entering them into the scan list. If you want to scan a bank that is not in the list, just press its letter from the keypad. For example, I want to temporarily disable the ADGH scan and want to scan just bank B. I simply press B on the keypad. To go back to the linked scan, I press one of the linked bank letters. The bank linking feature can be turned totally off and the radio will scan just the selected bank. This setup may be a little strange if you are used to using GRE and Uniden designed radios, but the more I use it the more I like it. This allows me to do something like link all the public service banks together and not link the bank that contains 2 Meter repeaters. If I decide I want to check activity on the repeaters, I just press the letter of the bank that contains them. The radio stops its linked scan and then goes to the repeater bank to check for activity. If it is boring, I can quickly switch back to my normal linked scanning. There is also a feature to let you delete an entire bank of channels (kind of scary).

Scanning
One thing I really like about the AOR8000 is when you turn it on, it goes

back to doing what it was doing when you turned it off. If you were scanning it goes back to scanning, if you were monitoring NOAA on one of the VFOs, it goes back to monitoring NOAA when turned on. The AOR8000 clips along at about 30 channels per second. Not bad. What I really like about this scanner opposed to most of the models I have used is that it only scans channels that contain frequencies. Most scanners I have seen, usually scan all the channels in a bank. This means if you do not want to scan the empty channels, you have to lock them out. This makes for real fun if you have a lockout review feature and just want to find that one channel that you locked out. Speaking of lockout, AOR calls this feature a PASS channel. If you are scanning and have a channel with some annoying chatter or static, you simply press PASS and the channel is locked out. I like the way that AOR does this. On a passed channel a small p shows up next to the channel number and makes it very easy to see that this channel has been locked out. To un-PASS the channel, just go back to it and press PASS again. To start scanning you press the SCAN button. If you need to hold the scanner on an interesting frequency, you simply press the ENT key. To go back to scanning, just press the Scan key again. I find this to be a very simple way of doing this. Of course channels can be recalled manually via the keypad or stepped through manually with the rotary tuning knob. Stepping through the frequencies with the manual tuning knob is a feature I have always found handy. The AOR8000 of course has a Priority channel that can be set to any one of the 1000 channels. Another very useful feature is the ability to build a favorite channel list from the frequencies stored in the banks and scan just those frequencies. AOR calls this feature select scan. This is a really handy feature. Let us say an event is taking place that you would like to monitor. As the various radio services become active during the event, you can add them to the scan list at the press of a button. When you feel that you got all of them you want to monitor, just turn the select scan feature on. Now you are only scanning the frequencies that are in that list. Neat! Once you are through, the whole list may be deleted. The AOR8000 also lets you customize your scanning in the Expert mode by adjusting the scan delay from .1 to 9.9 seconds. This is nice for monitoring trunked systems, or just lengthening the pause time. The default in the New User mode is 2 seconds. I have not found a way to apply the delay to individual channels, which would be nice. An Audio Scan feature will let you scan only frequencies that contain audio. This allows the radio to pass over open carriers and such. This feature has been around for a while on the PRO-2006 is called Sound Squelch. I am not sure how useful this really is because if the person transmitting is slow to start talking, the radio may skip that channel. The Free Scan feature is typically found in most amateur radio gear. This allows you to set a time limit from 00 to 99 seconds for the scanner to dwell on any given frequency. When the time limit has expired, the scanner moves onto the next channel. This is not too useful for scanning, but good for getting a picture of activity on the channels. The Scan Level setting allows you to set the squelch level required before the squelch will open. This setting is from 0 to 7. This is very nice for not allowing very weak signals or noisy channels from opening the squelch. I am reluctant to use this feature, because I am afraid I would miss that important transmission that was only at S1.

Users who live in strong signal areas or high intermod areas may find this feature very useful. You can also select the Scan Mode. This allows you to mix frequencies with different modes in a bank and have the scanner just scan the ones of a certain mode. For example you could have Aircraft AM frequencies mixed with NFM frequencies in a bank. By using this setting you could just scan the AM frequencies or just the NFM frequencies.

7144. AOR8000 Review Part2 - Repost

Newsgroup: rec.radio.scanner
Date: 1994-12-20 20:27:33 UTC
From: mellerso@uga.cc.uga.edu
Message-ID: <mellerso-2012941527330001@mequad.ucns.uga.edu>
Source record: 263946

AOR8000 Review Continued :

Searching
This radio has to be the stealth bomber of radios for finding new frequencies! Several search methods are available to you. One of the simplest is to search between two VFO frequencies. This is nice for setting up a really quick and dirty search. You can set up 20 different search banks. You program the starting and ending frequency, step, attenuator, and mode. Having 20 of these rascals gives you more room to have very specific search ranges. Some radios give you 10, which I have usually found adequate, but with 20 you can specify smaller chunks of spectrum to be searched. These search banks can also be named, which is a nice touch. This allows you to put tags on them like 2 Meter, 70 CM, AIR MIL, etc. One huge problem that I have always disliked in searching frequency ranges is that there is always going to be spurs, birdies, open carriers, noise, and gosh knows what else. I have to pay attention to the radio constantly when it is searching. I am always tied to the radio pushing a button to get past these frequencies. When I did find one I want to keep, I would usually hit the Monitor button to store it and then move it into a memory channel later. Most of the scanners I used only had 10 of these monitor channels, so eventually I would have to stop searching and move the frequencies I found into memory channels. AOR solves these problems nicely. To get around the problem of the scanner stopping on junk frequencies, you can lock out the offending little rascals with the Pass key (do not worry you can Un-Pass them if need be). You can have up to 1000 of these locked out (50 for each bank) and it will even check to make sure that you did not lock out the same one twice. Now you can just sit back and let the AOR8000 do its thing. When a frequency is found all, you have to do is press the ENT key for a couple of seconds and you are ready to enter it into a bank and channel. If that is not enough, you can link the 20 search banks together much like you can the scan banks. For example, you go to a new city and you want to see what is happening on the 2 Meter and AIR MIL banks, you can link the two search banks and the radio will search them for you. Slick! No more having to search the ranges one at a time or wasting time searching large chunks of spectrum to find those choice frequencies. Now the icing on the cake! The AOR8000 will even Auto Store these frequencies for you into Bank J while you go out and have a nice dinner. The AOR8000 will store the first 50 active frequencies that it finds in the search ranges you have linked. My experience with Auto Storing scanners in the past has been dismal. One scanner I had that had this feature had so much intermod and so many birdies that the first 20 to 30 frequencies it stored was garbage. If I were lucky, I might get 10 or so good ones. With the ability to Pass offending frequencies and link search ranges, you now have very effective tools for finding new

frequencies. Some of the same features that are available for scanning, are also available for searching. I found the Scan Level setting very effective in keeping the radio from stopping on and storing a frequency that was activated by some weak stray RF. For example, at one location the heating system would generate a small pop in the scanner's circuits. The scanner would think that it was a valid signal and try to store it. By setting the Scan Level to 3, the radio would ignore it. You can also use the Audio feature to bypass open carriers. Here again, there are other parameters that can be tweaked to make the search even tighter. Once you have captured some good frequencies, you can copy them to other banks and channels. You can even dump bank J when you are finished and start over. Another way this feature can be used is to Pass the frequencies in the search ranges that you already know about or have stored in the scanner. This way, you will only be finding new frequencies for your area.

BandScope
This feature lets you see frequency activity on either side of the center frequency to which you are listening. The BandScope is made up of 11 bars with the 6th being the center frequency. The bars on the left and right of the 6th bar will show activity 3 kHz from the center frequency for USB, LSB, and CW. For AM and FM, the offset is 10 kHz. This feature can be switched off or on. It seems to work reasonably well. The only penalty is that the audio on the center channel is interrupted every 5 seconds so the scanner can go check activity on the other 10 channels and update the display. I am not sure exactly how useful this, but I am sure that some users will find ways to put it to use.

RF Performance.

VHF/UHF
Sensitivity on VHF/UHF is nothing short of superb. I have had frequencies plugged into my old hand held scanner that I never heard a peep out of. On the AOR8000 these weak frequencies sprang to life. I didn't realize that some of these channels were even active anymore ! Of course I was using both of these radio's with rubber ducky antennas. Speaking of rubber duckies. The one that is provided with the AOR8000 is apparently pretty broad banded. I noticed a major improvement in reception quality by switching to a rubber ducky that was tuned for a narrower chunk of bandwidth. The AOR8000 includes a S meter to help you determine if a given antenna is performing better than another. This is something I think would be handy on all scanners and should be standard equipment. One of the area's I have often seen some sensitivity problems with most other scanners is in the low VHF bands. I realize that part of this is due to the short antennas provided with hand held scanners, but the AOR8000 seems to do very well here. This is the only hand held scanner I have had that will actually receive strong VHF/UHF signals with the antenna removed. One of the problems associated with sensitive radios is usually intermod. I have not heard a bit of intermod on the AOR8000 even on a full sized antenna (your mileage may vary) and we have some killer paging services around here. Any radio around here without a tight front end will get blasted by these paging systems. The AOR8000 just quietly scans along

until a real signal opens the squelch. These paging systems used to drive me nuts, even when I used a PRO-2006 which is very good at intermod rejection. By the way, this radio is also fairly free of birdies and images on VHF/UHF. You will find some as you would with most scanners, but they are noticeably less on the AOR8000. Sensitivity in the FM broadcast band is very good also but if you use a large external antenna, selectivity suffers some in the WFM mode. You may have trouble separating a weak station next to a very strong FM station. This is not much of a problem with whip antennas. The squelch action on the AOR8000 seems to be very good, it is easy to set and you really don't have to fool with it much once it is set. One of the major strengths of this radio is the ability to operate in any mode on any frequency the radio supports. This opens up new monitoring opportunities on VHF/UHF for some users like Military Air, Milsat, 2Meter SSB, 70 CM SSB, 6 Meter SSB, TV Audio, just to name a few (maybe even frequency inversion ?).

Medium Wave
Medium wave AM is not too good. It will allow you to receive some of your strong local broadcasters ok, but you can forget about DX. Of course the manual tells you this up-front, so there are no surprises here. The radio contains a ferrite bar antenna for Medium Wave. You sometimes can improve reception by rotating the radio for the best signal strength.

Shortwave
Ah, this is always the controversial area for this type of radio. The bottom line is, that I was surprised that it worked as well as it does. Don't get me wrong, this is no Drake R8 or even a Sony 7600G for that matter. If you are an avid shortwave program listener or utility Dxer, you would be much happier elsewhere. However, shortwave on the AOR8000 works and it works fairly well at that. The radio has plenty of sensitivity in these bands, but suffers from a lack of selectivity. In other words if you are trying to pick out a weak station between two strong stations, forget it. However, if your goal is to have a radio that is an excellent scanner and just happens to pick up the BBC, then go for it. I found that I had no trouble in picking up a few strong shortwave stations on a Radio Shack collapsible whip. Connecting up a large outdoor antenna brought in even more, and surprisingly, the radio did not overload. If it does, you always have the 10db attenuator to help. You may even hear some faint images from very strong signals on other bands bleeding through occasionally when using a large outdoor antenna. The manual with the AOR8000 offers an explanation of some of the devices that you could use to enhance listening on the shortwave bands. I felt that utility and amateur reception on the AOR8000 was fair to good. Here again, using a very large outside antenna may make it difficult to isolate weak signals from very strong ones. I have heard some users say that they could not get the "duck" tuned out on SSB. My experience is that yes you can. You may have tune off frequency a few kHz to do it. Of course this was not all that unusual with even some of the higher end radios I have used. The AOR8000 frequency display on SSB seems to be relatively accurate. The only major complaint I have here, is that band surfing is a little tedious with the rotary tuning knob or the slewing buttons on the keypad. There is no

variable rate of tuning like on some radios, unless you want to count how fast you can turn the rotary tuning knob. The slewing buttons always work at the same speed even when held down. The trick I have learned to get buy this is to set the step size larger than you normally would use. When you get close to something interesting, decrease the step size. I will admit, that it's nice to have a radio that when you get tired of scanning, you can flip over to the BBC or monitor one of your favorite amateur radio nets.

Audio Quality
The AOR8000 has plenty of audio that is a bit on the bassy side. I prefer this sound personally, it doesn't get on my nerves as much as some of the tinnier radios. What I mean by plenty of audio, is that you can generally hear this radio over the background noise of a moving car with one window rolled down. If your car has dual cherry bomb exhausts then I am wrong, there isn't much audio. However, I find this radio to much louder than most scanners and amateur radio Hts that I have used lately. Audio quality on WFM is pretty good, but you are not going to get a full rich sound through the built in speaker. SSB is a bit tinny, but acceptable. I have tried an external speaker and there is a major improvement in audio quality in all the modes.

Battery Life
Battery life seems to quite good. There is also a power saving feature than can be enabled to further extend battery life. When the battery starts going south, you will see a large Low Battery label flashing on the screen. When using the rechargeable nicad batteries, the Low Battery indicator will flash for awhile and then the radio will go silent. When using alkalines, the Low Battery indicator will flash, but you will also start to hear some weird heterodyning and audio distortion. The first time this happened, I thought the thing had broke. A fresh set of batteries solved the problem. One good thing is that the memory data is stored in such a way that it can not be lost due to dead batteries.

Miscellaneous
The AOR8000 also has some interesting features available in the EXPERT mode like changing the PLL lockup time, the time it takes for the squelch to lock up, the length and level of audio needed when using the audio squelch features, and the length of time for the squelch to activate if the signal level search or scan modes are used. These allow the user to tweak the radio for better or more reliable performance in certain applications. I think I will stay away from these for awhile.

Computer Interface
There is a provision for an optional computer interface on the AOR8000. I have not had the opportunity to use this function yet, but I understand that it will allow you to control most of the functions of the radio via the computer. I have heard it's pretty good compared to even some of those available on higher end radios. This makes sense because a lot of these interfaces were simply an afterthought and not really integrated that well into the radio. One interesting thing that I have noticed is that RF generated from my computer equipment doesn't tear up reception on this

radio as bad (VHF/UHF bands) as most of the other scanners and Hts I have used. However. you will still get some noise on some frequencies from computer generated RF. I wonder if AOR put a little more shielding than normal in this radio. I guess this would be important if you were going to connect the thing to a computer. I am sure as these interfaces become more prevalent, neat and nifty software will start to appear to enhance the utility of this radio even further. We may even start to see users sharing their frequency information across the Internet by posting AOR8000 compatible frequency files !

Conclusion
The more I use this radio, the more I begin to appreciate the thought that went into the design of this unit. It is a very versatile and flexible piece of radio gear that will appeal to the seasoned as well as the novice scanner enthusiast. It appears to me that a lot of thought went into what scanner enthusiasts would like and need and was poured into the AOR8000. I am sure that as this radio proliferates among the scanner enthusiasts, that we will be seeing all kinds of new applications and ways to use this radio. In my opinion, the AOR8000 has the potential to rise up to the cult status achieved by such scanners as the PRO-43, PRO-2006, AOR1000, and maybe even the R7100.

Disclaimers
These opinions and views are strictly my own and do not reflect those of my employer. I have no association with AOR or EDCO outside of being a pleased AOR8000 owner.

7145. Re: uniden 900 mhz phone

Newsgroup: rec.radio.scanner
Date: 1994-12-20 20:54:03 UTC
From: dctrhappy@aol.com
Message-ID: <3d7g9b$ll@newsbf02.news.aol.com>
Source record: 263947

:i put my radio shack freq. counter right atop my uniden
:900 mhz cordless phone and it didn't lock on anything!
:when i scan 902-928 mhz, i only get a few dead carriers.
:how does this thing work?

Well, I'll tell you how I understand it. (which may not be totally correct but...) First of all, the uniden converts the audio signal into digital which would make you hear computer noise if you monitored it w/ a conventional scanner. Then, it divides the signal between 4 frequencies . I think that one needs 3 out of the 4 these signals to obtain a contiguous signal. Also, these frequencies modulate via an algorythm common only to the base and handset. As to why your freq. counter couldn't get a lock, I dunno. I stand to be corrected...I would like to hear additional explanations of this phone.
JayS.

7146. Uniden 50xl Battery eater, FIX?

Newsgroup: rec.radio.scanner
Date: 1994-12-20 21:04:03 UTC
From: stars@netcom.com
Message-ID: <starsD14nur.6oC@netcom.com>
Source record: 263951

My Uniden 50xl handheld has been a battery eater since day one. I don't use it much, but it comes in handy when i want to monitor the local power company during an outage. New batteries last a couple of hours, then i get beeps every few seconds. Works fine on a 110vac to 7.5vdc adapter. Scanner model is BC 50xl by Uniden. Any Ideas???

Thanks Don.....
--
Don Babcock stars@netcom.com

7147. vox switch

Newsgroup: rec.radio.scanner
Date: 1994-12-20 21:29:08 UTC
From: tlierman@earth.execpc.com
Message-ID: <3d7ib4$o25@homer.alpha.net>
Source record: 263948

I'm looking for a tape player switch or a vox tape player for my scanner.
If anyone has one please let me know... Thanks, tlierman@exepc.com

7148. Re: uniden 900 mhz phone

Newsgroup: rec.radio.scanner
Date: 1994-12-20 21:31:32 UTC
From: davidk5047@aol.com
Message-ID: <3d7ifk$11g@newsbf02.news-fddi.aol.com>
Source record: 263949

Your Uniden cordless phone transmits in spread spectrum mode and is unlikely to be detected by a standard scanner or frequency counter. In brief, spread spectrum uses dozens of channels per second (at least) and the amount of power transmitted on any one channel at any one time is to low to be detected by standard equipment.

7149. *900 Mhz Cordless Phones That You Can Monitor

Newsgroup: rec.radio.scanner
Date: 1994-12-20 21:36:22 UTC
From: davidk5047@aol.com
Message-ID: <3d7iom$da@newsbf02.news-fddi.aol.com>
Source record: 263950

The Sony (SPP-ER1) and Radio Shack (ET-900) 900 mhz cordless phones transmit in anolog FM mode --- they can be monitored with a scanner. Does anyone know the specific channel allocation and frequency spacing for these phones?
Has anyone been successful in monitoring these phones?

PS: I only wish this information for academic purposes and would never, never, never, ever, ever, ever monitor cordless telephone calls.

7150. Re: SCANNING ON PASSENGER

Newsgroup: rec.radio.scanner
Date: 1994-12-20 21:52:37 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.219.000FE0FE@chevron.com>
Source record: 263971

>NE>>> - The airlines are merely taking precautions when they tell you to
>NE>>> turn off all electronic equipment during takeoff and landing.
>NE>>> To my knowledge there has never been an incident concerning th

>To your knowledge - chech with the NTSB and you'll see that many
>mishaps occur due to 'navigational/radio failure' ie: interference
>The "precautions" the airlines are taking are based on these reports.

I would not say that they are "merely taking precautions.." They are
complying with Federal Aviation Regulation (FAR) part 91.21.

I have a standing offer to anyone that wants to see the text of FAR 91.21 and
FAA Advisory Circular 91.21-1. I can e-mail it to you (it's not that big). I
would post it here for everyone but my cheap reader won't let me import text
files for posting. Maybe someone else can do it.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

7151. S.F.Bay area

Newsgroup: rec.radio.scanner
Date: 1994-12-20 22:43:36 UTC
From: merworth@hpcf.cc.utexas.edu
Message-ID: <3d7mmo$kc@spica.cc.utexas.edu>
Source record: 263952

I'm posting this for a friend. Please send e-mail replys to me.

I would like to obtain a list of frequencies in the San Francisco Bay
area.

--
Boyd Merworth
The University of Texas at Austin
Computation Center, High Performance Computing Facility
10100 Burnet Road, CMS 1.154
Austin, Texas 78758
merworth@hpcf.cc.utexas.edu {harvard,gatech,uunet}!cs.utexas.edu!merworth
merworth@mail.utexas.edu

7152. SPECTRUM Newsletter (Anybody read it?)

Newsgroup: rec.radio.scanner
Date: 1994-12-20 22:54:26 UTC
From: Flying Turtle <vic@ping.com>
Message-ID: <3d7nb2$sgf@nntp.crl.com>
Source record: 263961

c
Spectrum is a new comprehensive communications newsletter, not to be confused with the radio program of the same name, that claims to uncover previously restricted and privileged information on a wide variety of communications services including Amateur Radio. Published by Matrix Communications of West Palm Beach, Florida. Spectrum says that it is a "full disclosure - no secrets" publication for the avid communications enthusiast. In addition to ham radio related topics, Spectrum also claims to offer in-depth coverage of cellular, government, aircraft, marine, military, satellite and all other communications services. Information is available from Matrix Communications, P.O. Box 16893, West Palm Beach, FL 33416.

ki4je

7153. Re: Air Master

Newsgroup: rec.radio.scanner
Date: 1994-12-20 22:58:40 UTC
From: rossl40555@aol.com
Message-ID: <3d7nj0$gj@newsbf02.news.aol.com>
Source record: 263963

I purchased the Lowe Air Master from Javiation in England and am having all sorts of fun with it. Easy to use, messages appear on screen already formated. A must read book is Undstanding Acars from Universal Radio Research, it makes decoding some of the messages a lot easier.

This is my second purchase from Javiation and having nothing but praise for this company.

7154. Uniden Date Codes

Newsgroup: rec.radio.scanner
Date: 1994-12-20 23:19:31 UTC
From: jpotts@den.mmc.com
Message-ID: <1994Dec20.231931.5196@den.mmc.com>
Source record: 263965

Can someone tell me how to determine the date a Uniden Scanner was
made?
Thanks
J. Potts

7155. Re: Air Master

Newsgroup: rec.radio.scanner
Date: 1994-12-20 23:29:42 UTC
From: Flying Turtle <vic@ping.com>
Message-ID: <3d7pd6$a3@nntp.crl.com>
Source record: 263964

> I purchased the Lowe Air Master from Javiation in England and am having
> all sorts of fun with it. Easy to use, messages appear on screen already
> formated. A must read book is Undstanding Acars from Universal Radio
> Research, it makes decoding some of the messages a lot easier.
>
> This is my second purchase from Javiation and having nothing but praise
> for this company.
^^I AGREE !

An excellent source for the AR8000 and the computer interface.

Javation is located in England
Voice: 011-44-274-732146
Fax: 011-44-274-722627

ki4je Marietta Ga.

7156. Re: discone vs scantenna

Newsgroup: rec.radio.scanner
Date: 1994-12-21 00:36:03 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2012941931550001@alexander.terranet.com>
Source record: 263958

In article <1994Dec19.184035.1395@rcwusr>, schroederk@rcwusr.bp.com wrote:

> In article <2523@sun3.IPSWITCH.COM>, ddl@harvard.edu (Dan Lanciani) writes:
> > In article <12DEC199415214569@vax2.concordia.ca>,
hirschj@vax2.concordia.ca (JACK HIRSCHBERG) writes:
> > |
> > | For scanning, I would choose a discone over any other
> > | antenna because of its broadband capabilities. When comparing
> > | discones, check Radio Shack. They have 2 versions: 1) about
> > | 50-1300 MHz coverage with little gain if any for under $20;
> > | 2) an excellent one with 25-1300 MHz coverage and ample gain.
> > | This one is at the same level of quality as the ones shown in
> > | the Grove and National catalogues, but at $60 it is a steal.
> >

I have both the cheapo Rat Shack discone and the Scantenna and I can say unequivocally, the $39 (whatever it was) I paid for the Scantenna is by far worth the difference in price. If you talk to the people at Grove, they'll tell you to buy their less expensive Scantenna over their discone. I'm inclined to believe them when they say the discone is the better choice if you're also interested in transmitting.

7157. Re: Pro 2006 Mods -- Better reception?

Newsgroup: rec.radio.scanner
Date: 1994-12-21 00:36:56 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2012941932480001@alexander.terranet.com>
Source record: 263970

In article <3d2vot$3a7m@usenetp1.news.prodigy.com>, AKRR70B@prodigy.com
(Emil Hedaya) wrote:

> I've heard that by cutting one of the diodes (I already cut the one for
> cellular restoration) you can increase the reception quality. I've also
> heard that doing this has "side effects" including losing total reception
> of some frequencies, among other things. Can someone please fill me in
> on the truth--preferably someone who has already done the cut--and what
> the real side effects are, if any?
>
>
> AKRR70B@prodigy.com

You want better reception? Get an outside antenna. Cutting diodes ain't
gonna cut it.

7158. Re: Look up callsigns, please?

Newsgroup: rec.radio.scanner
Date: 1994-12-21 00:49:41 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D14yAt.CnL@nntpa.cb.att.com>
Source record: 263960

In article <3d72ni$fh3@news.tamu.edu>,
Myles Barkman-KG5AI <kg5ai@w5ac.tamu.edu> wrote:

>I have some low power digital transmitters in my area that I'd like IDed.
>These would be business band in a database.
>461.6625 WNXX420 Target

WNXX420 is licensed for 9 portables each on 461.6625 and 461.8625
to Target in Williamson, TN

>464.3375 WNYX988 Albertson's?

WNYX420 is licensed for 40 portables each on
457.5875 and 461.725 to Albertsons, Inc of Ada, Idaho.

I have the latitude and longitude of licenses but didn't run
the RadioMap(TM) process to see what street they are on.

>What are these things used for anyway? ....
>
>myles KG5AI

I live in IL and don't know how those licensees are used in your
area. Stores here often use these freqs for portable inventory
transmitters, in-store intercoms/phone patches, security, etc.
Fast food restaurants here use them for drive up windows.

--

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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

7159. Scanning in Australia!

Newsgroup: rec.radio.scanner
Date: 1994-12-21 01:01:42 UTC
From: l.haeden@hawkesbury.uws.edu.au
Message-ID: <l.haeden.1@hawkesbury.uws.edu.au>
Source record: 263775

Hi there,
Being only new to internet, I was just wondering if there are many
Aussies on this group and if there are any Australian Scanner internet
services.

SeeYa Later

Lance

7160. Re: Scanner WWW page?

Newsgroup: rec.radio.scanner
Date: 1994-12-21 01:17:49 UTC
From: tharrell@nmsu.edu
Message-ID: <3d7vnt$gco@dns1.NMSU.Edu>
Source record: 263973

Paul Nash (zen@ccs.neu.edu) wrote:
: Thomas J. Harrell (tharrell@nmsu.edu) wrote:
: : I'm working on one right now - it's small but growing, and it's
: : got a pointer to Paul's page, too. Mine's at:
: : http://rever.nmsu.edu/~weasel
: I tried connecting to your page and got a 'unable to connect to remote host'..
: Is your site using a different port for WWW ?

Turns out that this site's version of httpd is buggy. The sysadmin told me
to tell you all to try:

http://rever.nmsu.edu/~weasel/

Note the trailing slash...that's the buggy part. If this doesn't work, try:

http://128.123.3.18/~weasel/

If that doesn't do it, maybe your nameserver is broken. :)
--
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5KTO Beware of geeks bearing .gifs... |
| The Second Amendment is the '...and we're not kidding!' clause |

7161. Guide to Scanner antennas

Newsgroup: rec.radio.scanner
Date: 1994-12-21 03:25:26 UTC
From: mike_diaz@smtp.svl.trw.com
Message-ID: <mike_diaz-201294192242@macg113.svl.trw.com>
Source record: 263781

```
I posted this many months ago and have been meaning to post it again,
but I have been way too busy here at work to do much net surfing.
This was done from memory so some of the details may be a little off,
but in general it is acurate and useful. If you have any suggestions
please email them to me, as I am finally getting a little vacation and wont
be back at work until January. I wont see any replies to the net as my
net site only keeps things for 4 days.

Good scannin' to ya.
Merry Christmas and a Happy New Years.
Mike
------------------------------------------------------------------------
The opinions expressed here are | Covering 100KHz to 2GHz contiguous.
my own, but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.
------------------------------------------------------------------------

Antenna systems for scanning.
by Mike Diaz
```

There have been many questions regarding how to select an antenna for scanning. This is a Readers' Digest version of antennas, meant to give new users some idea of the different antennas and their good and bad points. At the end, I give some specific recommendations on how to build a general purpose VHF/UHF antenna system. This is not an all inclusive book on antennas, but rather a guide for novices in their quest to learn more about their scanning hobby. What's the best antenna? There would seem to be as many different answers, as there are people asking the question. Everybody has a favorite band that they listen to, and different antennas work better on different frequencies. But the fact is, the general principles remain the same for everybody. The object of an antenna SYSTEM, is to deliver as much signal as possible to the antenna jack on the back of the radio at the frequency you're listening to. Notice I wrote system; the antenna is a system comprised of several parts: the antenna, the lead-in cable, and the mast or tower to hold it up.

1) ANTENNAS
There are MANY different and very good antennas on the market. There are also some bad ones out there. Antennas are where the most compromises must be made. If you have unlimited room , and very deep pockets, you can put up an antenna farm with a different antenna and radio for each band that you listen to, and not have to compromise. But if you're like the rest of us, you WILL compromise. If you only listen to one band, then your best bet is an antenna designed specifically for that band. Something like a 1/4 wave ground plane, or a 1/2 wave dipole antenna is a good choice

for omni-directional listening at a low cost. It will have the added benefit of being less efficient out of band, which if you live in a dense signal environment, may attenuate those out-of-band intermod producing signals somewhat.

1/4 WAVE GROUND PLANE antenna
This is a single band vertically polarized antenna that offers about 3dB of gain in a relatively narrow frequency range. Its major benefits are its low cost and small size. The ground plane isolates your antenna from having to be coupled to earth ground at a specific multiple of the wavelength, by simulating ground with the radially mounted elements around the bottom. A car mounted antenna is typically a 1/4 wave that uses the body of the car for its ground plane. There are some versions that have several vertical elements (like the R.S. "Allband" with 3) but each vertical element will only be resonant in one band. While it will receive signals in all bands , it will only be efficient in the 3 bands that the vertical elements are cut to resonate at. Radio Shack's all-band (they used to call it a tri-band) is a good antenna if you have a limited number of bands you listen to. It's reasonably priced and gives good performance on 3 popular frequency bands and is usable on the other bands as well, and best of all it is inexpensive.

DISCONE antenna
This is a relative of the 1/4 wave ground plane antenna optimized for wide frequency bandwidth. It offers 0dB of gain, on frequencies from about 120-1300MHz, and with a vertical element on top, it is usable down to about 30MHz. Gain is achieved by compressing the radiation pattern into a donut shape with little of the signal radiating upwards or downwards, concentrating the pattern perpendicular to the vertical axis of the antenna. It's called a discone because it is comprised of two parts, the disc, a group of elements parallel to the ground around the top, and the cone, the diagonal radial elements around the bottom. These could be made from a solid metal disc and a cone shaped sheet metal radial, and perform the same, but the wind loading would be increased. The Diamond D130J and the Sigma SE1300 are good discones for general purpose scanning. My personal experience with the Radio Shack discone antenna at home, has shown that it is not a very good implementation of the discone design, and should be avoided. It is too fragile and does not work below 100MHz. I believe that the discone is the best all band antenna, it really works. I don't see ANY other type of omni-directional antenna usable for TRANSMITTING on ALL VHF and UHF ham bands (50, 144, 220, 432, 900, & 1200 MHz) like the discone is. It would be usable on all frequencies in between too, but that's illegal, if you're transmitting as an amateur. I have built many UHF data and voice links (among other things) for the US Gov't over the years and we use discone antennas for the 225-400MHz military UHF band; the VSWR is consistent and low across the entire band.

1/2 WAVE DIPOLE antenna
This is also a single band antenna that offers 2dB of gain in a relatively narrow frequency range. The dipole antenna is the standard against which

gain is measured on all antennas, and it is twice as long as a 1/4 wave antenna. It has balanced signal and ground sides, which means that the coax feed is in the center of the antenna. The center conductor is hooked to the top half and the shield connects to the lower half. It requires a balun to connect it to coax cable, although there are feed techniques that can do the job of matching the antenna to the 50 ohm coax. It is fairly large for the frequency it's tuned to, and like the ground plane antenna, it isolates your antenna from having to be coupled to earth ground at a specific multiple of the wavelength, by simulating ground with the lower half of the antenna. The dipole can be oriented either vertically or horizontally.

YAGI beam antenna
Named after it's inventors Mr Yagi and Mr Uda (the second guy always loses out, and I forget their first names), theYagi-Uda parasitic array is another single band antenna. It offers 10-20dB of gain and 10-30dB of front-to-back isolation in a relatively narrow frequency range. It is a group of dipoles all the same length, connected to a boom, to hold them a specific distance apart. It offers excellent gain, and front-to-back isolation, and a narrow beam width that it will receive from. The gain is determined by how many elements are used as directors, and is achieved by limiting how many directions a signal can be received from. Like a magnifing glass focusing the sun, the smaller the spot the hotter it gets. The most useful feature of a beam antenna, is that the can be rotated to null out a signal you do not want or maximizing the one you do want. You will need a rotor to point it in the right direction; if you want to listen in more than one direction. The down side is, it will only have gain in a narrow frequency range of about +/-1% of the center frequency, which would be beneficial in a dense signal environment to attenuate those intermod producing signals you do not want, or if you only listen on one band. It is most commonly used by commercial and amateur operators, since it is an inexpensive and very efficient type of antenna for single band, point to point, communication in the VHF/UHF range.

LOG PERIODIC beam antenna
The Logarithmicly Periodic Dipole Array is a beam antenna optimized for wide frequency bandwidth. It offers 5-15dB of gain with a moderate 10-15dB of front-to back ratio; the beam width is fairly wide when compared to a Yagi. It is a group of dipoles of decreasing size (with the longest in back and the smallest in front), connected to a boom, to hold them a specific distance apart. The tapering of the elements is what gives it the wide frequency range, by always providing an element that resonates near the frequency that your operating on. It is most commonly used in TV antennas, where operation on many frequencies is required. The down side is that the LPDA can be fairly large for a VHF/UHF antenna. There are commercial versions available that provide general coverage. Create Labs makes two models for $200-350. EEB and Ham Radio Outlet both have them in their catalogs.

TV antennas
A TV antenna is NOT a very good scanner antenna because it is optimized only for the TV bands. If you look closely at a TV antenna you will notice that the taper of the elements is not uniform. There will be several long ones (Chan 2-6 at 54-88MHz) then several medium long ones, usually interspersed with the long ones (Chan 7-13 at 175-216MHz), and then a bunch of short ones, all the same length (UHF 470-812MHz). The missing elements are for the frequencies that a scanner user wants, but are not in the TV band, so they are not included in the design. If the frequencies that you do listen to are close to the TV bands, then after re-orienting a TV antenna to vertical polarization, it may work, but I'll bet it doesn't work very well. Another problem is, the UHF elements on a TV antenna are ALWAYS a Yagi design. The reception range that they advertise is only on one channel (my guess is around Chan 35 at 600MHz) and the gain falls off the farther you get from that center channel. There are no scanner type signals anywhere near this frequency and a Yagi is a tuned frequency antenna. You will NEVER see a gain Vs frequency plot of any TV antenna from the manufacturer. This is why TV antennas make lousy scanner antennas. If you want to use a wide band UHF TV antenna, try a 4-bay bow tie, it has about 6dB of gain, a 15dB front-to-back ratio and resonates across a wide frequency range. The whole antenna just needs to be re-oriented to vertical polarization. On VHF, don't bother. I am not aware of any true broad band LPDA TV antenna, they are always optimized only for TV frequencies, due to the lack of elements resonating in the 88-175MHz and 216-470MHz bands.

2) Lead-in CABLE
It doesn't matter how good your antenna is, if you are feeding it with lossy COAX.
The loss that a COAX has, is determined by many factors, most having to do with the density and effectiveness of the shield and the dielectric (the insulator in the center). If the shield is not very good, more of the signal will be lost before it gets to your radio, and you will be susceptible to multipath distortion in strong signal environments. If the dielectric is made wrong, the impedance of the COAX will vary. The problem is the quality of the cable itself, this is something that you can't see or discern from the specs, RG-8 is RG-8 right? WRONG, because it is a manufacturing process, if the machines that manufacture it are not set-up properly, or the materials used are sub-standard, the result will be BAD COAX. Cheap COAX may have a 98% shield in it's specs but it won't be consistent across the entire length of the cable. Sometimes there will be areas several feet long with large gaps with only a few strands in the shield. There is no way to tell from outside the cable that something is wrong, without using an expensive network analyzer setup. The same for the dielectric, if it's uneven, the characteristic impedance of the COAX will vary tremendously. The result is you just won't hear as many signals at the higher frequencies. That is why you should always buy name brand cable from a reputable manufacturer. There is a reason the cable is cheap. Frequency is the other MAJOR contributing factor in determining your losses. The higher the frequency, the higher the loss. If you only listen

to the California Highway Patrol, in the 39-45MHz band, then a VHF 1/4 wave ground plane antenna and any kind of COAX will do, such as RG58, which is easily routed, and not very expensive. The same is true if you listen only to railroads or police/fire in the 150MHz band. A single band 1/4 or 1/2 wave and the better RG8 cable will be plenty good enough. But if you listen to the 800MHz trunked band you can significantly improve your reception, by just using better COAX. I use Heliax on my system for maximum performance. I've included a chart of some common 50 ohm coax and their loss at different frequencies for comparison.
These are from the Belden Wire and Cable catalog, except for the Heliax.

Losses in dB per 100Ft

	50MHz	100MHz	500MHz	900MHz
RG-58A/U	3.3	4.9	13.3	20.0
RG-8/U	1.2	1.8	4.7	6.7
Belden 9913	0.9	1.4	2.9	4.2
1/2" Heliax	0.56	0.83	2.0	2.8

Note: The losses scale proportionally with length. Half as long, half the loss in dB.

3) The MAST or TOWER
There is no substitute for height, until you've cleared the obstructions around your house. After you have cleared any obstructions, more height will give only slightly improved range. Remember line-of-sight won't change much with another 10 or 20 feet of elevation. It takes 100's or 1000's of feet of elevation to really make a difference.
I don't know much about lightning protection, since here is Silicon valley we rarely ever get any lightning, maybe once every 5 years. I saw some just last winter, or was it the winter before. Anyway don't forget to ground your system as appropriate.

My RECOMENDATIONS
I think most of us listen on many different bands, so a single band antenna just won't cut it. A single antenna, with good performance on all bands is the best solution. I personally have chosen a Diamond D130J discone antenna, and I am very pleased with its performance. The Sigma SE1300 has the same performance but costs a little more. I recommend RG8/U or Belden 9913 low loss COAX as your best bet, the 9913 is much more expensive. I got my Heliax, surplus and cheap. I swept it using an HP network analyzer to be sure it was still good. For a mast, no more than 10-20ft above the roof is necessary to clear most obstructions, such as neighbors' houses and trees. More than that will give only a marginal improvement in receiving range and make the installation more difficult and dangerous.

Multiple radios
I've connected all of my radios to one antenna with the use of a 4-way splitter. This is not a cheap R.S. splitter but a commercial quality hybrid type from Mini Circuits with guaranteed specs from 1 to 1000MHz. I

lose 7dB of signal but it's worth it to have only one antenna and cable.
My ICOM 7100 and both PRO2006s all run from the same antenna and I have an extra spigot that I can use for testing my PRO-43 or any other radio.

If you want more in-depth information, try the ARRL Antenna Handbooks (there's one specifically for VHF/UHF) and check your local library.

7162. Re: discone from Radio Shack

Newsgroup: rec.radio.scanner
Date: 1994-12-21 03:37:04 UTC
From: mike_diaz@smtp.svl.trw.com
Message-ID: <mike_diaz-201294194535@macg113.svl.trw.com>
Source record: 263968

In article <19DEC199419543611@vax2.concordia.ca>, hirschj@vax2.concordia.ca (JACK HIRSCHBERG) wrote:

> I thank all the posters that pointed out the weakness of the
> R/S discone. Now that I know about it, I'll reinforce those
> points with a little fibreglass resin before I put up the
> antenna. I've used fibreglass resin at other times with
> super results. The resin hardens to an almost indestructibe
> bond that weatherproof the area, provides super strength
> reinforcement, and is almost completely RF transparent
> past 1300 MHz. Best of all, it's easily available (any
> store that sells automotive or marine products) and it is
> cheap.
>
> --Jack

Jack
youll be sorry. I HAD an R.S. discone on my roof and it's performance is abysmal below 100MHz. Besides that, the elements are very fragile because the hollow elements have a threaded insert on one end so it can be screwed into the antenna. If I ever took down the mast I invariably broke a radial in the process. I gave up on it and bought a Diamond D130J from Grove, it has all solid stainlees hardware and has been on my roof for years with no problems at all.. I have been very pleased with the D130's performance.
I pick up about 20dB more signal at 50MHz over the R.S. discone.
If a mediocre performing and fragile antenna is good enough for you, then go ahead and buy the R.S discone. I sold mine to a friend for $25 (Although he had to buy two radial elements from Tandy parts center to fix it) and it's "Good enough" for his use. He can't put up an antenna outside, so the lack of a vertical element on top allows it to fit inside his mobile home.

Good scannin' to ya.
MAD

The opinions expressed here are | Covering 100KHz to 2GHz contiguous.
my own, but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

7163. Re: Arizona AirEvac Freq

Newsgroup: rec.radio.scanner
Date: 1994-12-21 03:57:35 UTC
From: cwaz@primenet.com
Message-ID: <cwaz.8.000EF396@primenet.com>
Source record: 263967

In article <willybg.7.0034EBCF@primenet.com> willybg@primenet.com (Bill Moloney) writes:
>From: willybg@primenet.com (Bill Moloney)
>Subject: Arizona AirEvac Freq
>Date: Tue, 20 Dec 1994 10:03:56 MST
>Summary: Need Local Air Evac Frequency

>Hi guys,

>The wife and I just purchased a portable Scanner. We are programming local
>channels of interest now. The wife wanted to know if anyone had the frequency
>to the Air Evac (emergency medical helicopter) in the phoenix, AZ area or a
>similiar service.

Try 155.325 for dispatch and 464.250 for general talk around. Also be sure
that you have Med channels 1 - 10 in the scanner as almost all of ambulance to
hospital traffic is on those channels. (Med channels are 462.950 through
463.175 in .025 steps.)

It's been two years since I have lived in Phx so some of this may have
changed.

Good Luck.
Curt

7164. Re: Uniden Bearcat BCT-7 Scanners For Sale

Newsgroup: rec.radio.scanner
Date: 1994-12-21 04:20:06 UTC
From: ad178@FreeNet.Carleton.CA
Message-ID: <D1581I.92z@freenet.carleton.ca>
Source record: 263788

Actually, you can buy the "hard to find" BCT-7 brand spanking new
from Shoppers Advantage for $183.79 SHIPPED! Complete with AC adapter
and monile mounting brakets.
--
Life's to short to worry... :)

7165. Re: Looking for a scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-21 05:28:12 UTC
From: CPCW87A@prodigy.com
Message-ID: <3d8edc$1pok@usenetp1.news.prodigy.com>
Source record: 263790

I have two recomendations Radio Shack and Bearcat by Uniden
The Radio Shack sets I find to make better home units and Uniden
makes the better portable. If you live in a urban area the best type
of set should be one with triple conversion so you will hear only the
station you are tuned to, if your in the suburbs then the cheaper dual
conversion sets will probably work just fine.
I currently have a Bearcat 200 portable that I carry around on the job
and
a Radio Shack 2006 for at home. I'm very pleased with both and If you
can
get them in your area I think you will be happy too.
Ken
-
KENNETH STELLA ESQ CPCW87A@prodigy.com

7166. Radio related Internet sites

Newsgroup: rec.radio.scanner
Date: 1994-12-21 09:07:20 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.55.00091F92@ccm.hf.intel.com>
Source record: 263779

I have decided to start compiling a list of radio related Internet sites. Here is the first draft. I have only verified a few of these sites and some of the data may be outdated. Many of the sites are Ham radio related, but I am particularly interested in Scanner sites if you know of any more.

I am interested in additions and updates. I'm sure I'm missing some obvious ones since I just threw this list together yesterday. Please remember that just because you can not access a particular site, doesn't mean it doesn't exist any more. It may just be down temporarily.

Please don't ask me how to access www, gopher, sites etc. If you do not know how to use these services, there are other newsgroups dedicated to helping people with these things.

Radio Related Internet Sites

Please send updates and corrections to:
brett_miller@ccm.ut.intel.com

World Wide Web
---
http://dice.dac.neu.edu/Homepages/paul/al.html - FAQs, Freqs, Mods
http://www.mcc.ac.uk/OtherPages/AmateurRadio.html
http://w3eax.umd.edu/w3eax.html - University of Maryland ARC
http://www.acs.ncsu.edu/HamRadio - North Carolina State University ARC
http://macgwy-mac2.gsfc.nasa.gov/garc/wa3nan-home-page.html - Goddard ARC
http://w6yx.stanford.edu/w6yx.html - Stanford ARC
http://hypatia.gsfc.nasa.gov/sarex_mainpage.html - Sarex Info
http://rever.nmsu.edu/~weasel/ - Scanner stuff
http://itre.uncecs.edu/radio/ - Shortwave/Radio Catalog
http://www.law.indiana.edu/fclj/fclj.html - Federal Communications Law Journal
http://www.acs.oakland.edu/barc/ham-more/ham-more.html
http://bjr.acf.nyu.edu/railinfo/scanning/scanning.html - Railroad Scanning
http://ux1.cso.uiuc.edu/~roma/rr-freqs.html - Railroad Freqs
http://www.mcc.ac.uk/John/SatTrack.html - Satellite Tracking
http://www.cc.columbia.edu/~fuat/cuarc/www-sites.html - Lot of Links to ARC pages
http://kzsu.stanford.edu/other-radio.html - Links to non-commercial broadcasters
http://www.fcc.gov - FCC Web Server
http://www.qrz.com /callbook.html - Ham Callsign database

FTP
---
ftp.cdrom.com /pub/hamradio/
oak.oakland.edu /pub/hamradio
ham.eetech.mcgill.ca /pub/ham-radio

bubba.business.uwo.ca /mods
garfield.catt.ncsu.edu /pub/hamradio
ftp.sunet.se /pub/radio
ucsd.edu/mailarchives/info-hams - Info Hams Digest archives
mgate.arrl.org ARRL FTP site
ftp.cs.buffalo.edu /pub/ham-radio
ucsd.edu /hamradio
unbc.edu /ampr
tandem.com /hamradio
nic.funet.fi /pub/ham
ftp.demon.co.uk /pub/ham/mac - MAC stuff
grivel.une.edu.au /ham-radio
rtfm.mit.edu /pub/usenet/news.answers/ham-radio - Radio FAQs
ftp.qrz.com /qrz - QRZ CD-ROM files (no callsign database)
archive.afit.af.mil /pub/space/amateur.tle - Keplerian Elements

E-Mail servers
---
ftpmail@exchange.tlh.fl.us - get INDEX.TXT
qsl-info@aug3.augsburg.edu - Callsign server - no subject, callsign in body
callbook@n8emr.cmhnet.org - Callsign server

Gopher
---
gopher.switch.ch /11/misc/faq/faq-dir FAQs
hamster.business.uwo.ca (129.100.89.100)
gopher.cic.net /11/e-serials/general/radio
scitsc.wlv.ac.uk /11/pub/hamradio
yfn.ysu.edu /11/public/sigs/ham
gopher.fcc.gov

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT DoD#1461

7167. Help Me Get My AR-8000 Please..

Newsgroup: rec.radio.scanner
Date: 1994-12-21 10:37:45 UTC
From: dfleming@earth.execpc.com
Message-ID: <3d90hp$208@homer.alpha.net>
Source record: 263974

Well I took the plunge and ordered the aor 8000 from Javiation. Now
I have to worry about paying for it without the wife knowing...:-)
So...I am selling a couple of older scanners to get a start...

Bearcat 250 /with manual (I'm the original owner and it works great)

Cobra SR-11 handheld. (10 channel programmable, nice little unit but no
aor-8000)

175.00 takes both and I'll ship.

You can get yourself a Christmas present too...but think about the
consequences if your wife finds out. I have been and the name Bobbit
keeps coming to mind.....:)

Merry Xmas to the nicest newsgroup on the net.........

dan fleming

dan@vaxa.clarion.edu

7168. AOR-8000 Reviews

Newsgroup: rec.radio.scanner
Date: 1994-12-21 10:39:40 UTC
From: dfleming@earth.execpc.com
Message-ID: <3d90lc$208@homer.alpha.net>
Source record: 263808

I have both the English press release and a nice review written by an American owner of the 8000. If there is interest I'll post them..

dan

7169. Probably been asked before, but--

Newsgroup: rec.radio.scanner
Date: 1994-12-21 14:19:26 UTC
From: Jason.Low@revenge.cambo.cuug.ab.ca
Message-ID: <d27_9412220139@cambo.cuug.ab.ca>
Source record: 263825

Hi there.. I'm just wondering--these new "RENEWAL" Alkaline
rechargeables and the like, can they be recharged through my PRO-44's CHG jack,
or do I need to charge them with the RENEWAL recharger?

jason low derran@revenge.cambo.cuug.ab.ca
REMR - PumpA - Part 1 2 3 4 - Driver - V-X Tech - Trench Tech - General Peon

--
|Metronet: Jason Low 201:5500/2722
|Internet: Jason.Low@revenge.cambo.cuug.ab.ca
|
| Via Operation Sundevil, Internet Gateway. Calgary Alberta Canada.

7170. Ramsey

Newsgroup: rec.radio.scanner
Date: 1994-12-21 14:21:37 UTC
From: dctrhappy@aol.com
Message-ID: <3d9dlh$5jv@newsbf02.news.aol.com>
Source record: 263776

How can I obtain a catalog from Ramsey? Anyone have a phone # or something? Thanks.

JayS.

7171. Re: Uniden Date Codes

Newsgroup: rec.radio.scanner
Date: 1994-12-21 14:42:39 UTC
From: IEO577W@TJUVM.TJU.EDU
Message-ID: <1709396B7.IEO577W@TJUVM.TJU.EDU>
Source record: 263777

In article <1994Dec20.231931.5196@den.mmc.com>
jpotts@den.mmc.com (Jay Potts) writes:

>Can someone tell me how to determine the date a Uniden Scanner was
>made?
>

Somewhere on the back of the unit near the serial plate is a four character code such as "OEHF." Convert the letter to the number of the alphabet (except the "O," so the OEHF in my example would be 0586 or May, 1986.

Dave

7172. rec.radio.scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-21 16:03:17 UTC
From: x91sensnovis@wmich.edu
Message-ID: <1994Dec21.120317.25674@wmichgw>
Source record: 263820

Hi and happy holidays to all. I was wondering if anyone out there knows about the laws governing importation of FCC "Non-Type accepted electronics" into the U.S. are there forms involved or can you "just do it" as the commercial says? (hi hi) In specific I'm VERY interested in an AR8000 or possibly a second AR3000A. Please post all replies as I am new to this "stuff" and don't quite know how to recieve e-mail yet but hey give me time and by 1995 I'm sure I'll have it down. Thank you for all replies in advance!

7173. AOR-8000 Reviews

Newsgroup: rec.radio.scanner
Date: 1994-12-21 16:22:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.3091.3415@the-boss.com>
Source record: 263778

TO : dfleming@earth.execpc.com

DF>I have both the English press release and a nice review written by an
DF>American owner of the 8000. If there is interest I'll post them..

Dan: YES!! Please post them
Thank you.

-> dominic.post@the-boss.com <- -> f309.n2604.z1.fidonet.org <-
-> Now and Forever, The Past is Prologue <- -> Ridgefield,NJ <-

---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

+---+
Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com

___ __ _ __ __ __ _ _ __
| |__| |_ |_) | | |__ |__ |_) |_) |__
| | | |__ |_) |__| __| __| |_) |_) __|
+---+

7174. Cellular FAQ or FTP

Newsgroup: rec.radio.scanner
Date: 1994-12-21 17:24:55 UTC
From: shawnlg@netcom.com
Message-ID: <shawnlgD168DK.IIL@netcom.com>
Source record: 263794

On oak.oakland.edu are good archives for scanner mods. Are there any
such FTP sites for cellular phone mods for test mode, programming, etc?
I've got a Motorola flip phone, and I've read some posts about test mode,
but it would be nice to see more info on this and other phones.
--
Shawn Gordhamer
shawnlg@netcom.com

7175. Re: rec.radio.scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-21 17:54:49 UTC
From: steven@gate.net
Message-ID: <3d9q59$215j@tequesta.gate.net>
Source record: 263780

x91sensnovis@wmich.edu wrote:
: Hi and happy holidays to all. I was wondering if anyone out there knows
: about the laws governing importation of FCC "Non-Type accepted electronics"
: into the U.S. are there forms involved or can you "just do it" as the
: commercial says? (hi hi) In specific I'm VERY interested in an AR8000 or
: possibly a second AR3000A. Please post all replies as I am new to this
: "stuff" and don't quite know how to recieve e-mail yet but hey give me time
: and by 1995 I'm sure I'll have it down. Thank you for all replies in
: advance!

I've never heard of anyone failing to import them successfully. Use either Atlantic or Javiation (Canada and UK respectively). You are permitted to legally import up to three non-FCC certified devices per shipment for personal use. If you're concerned about such details as if it can be FCC certified or meets regulations - don't be, since it is imported as a non FCC approved device, it does not need to meet any requirements. That includes frequency limitations or otherwise.

Steven
--
Steven G. Bradley | The Forest City Exchange | H) 407/862-7226
System Administrator | Forest City, Florida | W) 407/578-8007 x1196
| (407) 862-8088 (407) 788-8088 | steven@gate.net
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | sbradley@netcom.com

7176. UK scanner enthusiasts??

Newsgroup: rec.radio.scanner
Date: 1994-12-21 19:06:07 UTC
From: jhendricks@cuthbert.win-uk.net
Message-ID: <35@cuthbert.win-uk.net>
Source record: 263782

I am a UK scanning enthusiast living in Kent and
would like to converse via EMail with any UK
enthusiasts in my area.

However, since such characters are about as
common as rocking horse s**t I would also like
to converse with US enthusiasts interested in
swapping tales and forming superhighway
friendship with a limey!

Being cognizant of fellow net users of this
group who have much greater interests than me
(viz..Taco Bell and crashing airplanes!!),
please reply to me by EMail only..not posted to
this group..

Many thanks in advance,

Jim Hendricks
Wrotham Heath
Sevenoaks
Kent UK

_/ _/ _/ _/ _/ _/ Give someone 1 minute of help and
_/ _/ _/ _/ _/ _/ you'll be helped for a day in
_/ _/ _/ _/ _/ return...
_/ _/ _/ _/ anon
_/_/ _/ _/ _/

7177. Re: Edmonton Ab. Frequencies Wanted

Newsgroup: rec.radio.scanner
Date: 1994-12-21 19:47:51 UTC
From: kwong@ee.ualberta.ca
Message-ID: <3da0p7$qau@quartz.ucs.ualberta.ca>
Source record: 263783

If you do not already know, you can buy the comprehensive "Alberta
Frequency Book" for $20 from any Radio Shack or technical book store.
You can also download the Alberta Frequency Database (ASCII file)
from any Alberta HAM radio BBS. The file name is scanalt8.zip.

7178. AR8000 - Reprogramming the "Auto" settings HOW?

Newsgroup: rec.radio.scanner
Date: 1994-12-21 19:55:49 UTC
From: michael.ayotte@netcom.com
Message-ID: <michael.ayotte-2112941155490001@rsg-av.com>
Source record: 263801

I have had the European version of the AR8000 and the interface for about 5 days now, and would like to reprogram the Step and Modulation defaults but I am not sure how. I know how to manual overide them but I would prefer to actually change the defaults. Also what are the step and modulation defaults for the US.

I got the following from my Pro-2004 Manual. I am sure the step size is not the channel spacing but some devision of it. I welcome any all comments.

25 - 29.995 AM 5kHz
30 - 87.995 NFM 5kHz
87.5 - 107.995 WFM 50kHz (I know FM broadcast is 200k channel spacing)
108 - 135.995 AM 12.5kHz
136 - 224.995 NFM 5kHz
225 - 520 NFM 12.5kHz
520 - 760 ??? ??? (any Ideas)
760 - 823.995 NFM 12.5kHz
824 - 845 ?? ??? (30kHz channel Spacing)
845 - 869 NFM 12.5kHz
869 - 890 ?? ??? (30kHz channel Spacing)
890 - 1300 NFM 12.5kHz

P.S. Have any Mac Users out there started to write any scripts for the AR8000 with the interface? I can't get Microphone II to even talk to the interface, Sitcomm worked flawlessly but I'm not that good at applescripts. Right now I am just writting my Channel information in MS.Word and pasting it to the terminal Window. Any better ideas?

--
---
michael.ayotte@netcom.com Riverview Systems Group (rsg-av.com)
San Jose Hilton ftp://ftp.netcom.com/pub/woodstoc/sanjose.hilton.html
IRC:woodstoc I speak only for myself

7179. WTB "Executive Protection Products"

Newsgroup: rec.radio.scanner
Date: 1994-12-21 20:21:28 UTC
From: rsharp@paul.spu.edu
Message-ID: <3da2o8$qtj@adam.spu.edu>
Source record: 263796

Looking for used surveillance and countermeasures equipment.

7180. pro-37

Newsgroup: rec.radio.scanner
Date: 1994-12-21 20:41:00 UTC
From: mike.cole@woodybbs.com
Message-ID: <93.1451.7592.0NFB82B2@woodybbs.com>
Source record: 263784

```
wanted: 1-pro-37 200ch scanner in like new condition. Will pay
reasonable amount please contact mike cole in this echo. Must be in
non-modified condition!
---
* Origin: Radio FREQS' Latham, NY (518) 782-0507 (1:267/103)
```

7181. Re: SCANNING ON PASSENGER

Newsgroup: rec.radio.scanner
Date: 1994-12-21 20:50:26 UTC
From: Ed Gordon <U29255@UIC.EDU>
Message-ID: <19941221.220144.503046.NETNEWS@UICVM.UIC.EDU>
Source record: 263785

Subject: SCANNING ON PASSENGER
From: glenn.johnson
Date: Sat, 17 Dec 94 00:13:07
In article <9412170013.00B2L04@chrysalis.org> ,
glenn.johnson@chrysalis.org writes:
>
>NE>>>>I hope we never share an airplane! Signals from the scanner can
screw up
>NE>>>>the airplane's systems and you could die.
>
>NE>>>NOT.
>
>IS TOO !!
>
>NE>>> I find it hard to believe considering:
>NE>>> - Scanners do not transmit and the amount of RF that they
could
>NE>>> emit is regulated to pass FCC regulations before product
release
>
>FCC regs for consumer use, not aircraft -
>no interference to commercial broadcasts, etc
>
>
>NE>>> - Certainly a laptop computer emits more RF. Try listening
to your
>NE>>> walkman next to one. (at least mine)
>
>At certain FIXED frequencies
>Not like scanner, which gives off concentrated RF in a narrow band
>(at the I.F. tuning frequency)
>
>NE>>> - The airlines are merely taking precautions when they tell
you to
>NE>>> turn off all electronic equipment during takeoff and
landing.
>NE>>> To my knowledge there has never been an incident
concerning th
>
>To your knowledge - chech with the NTSB and you'll see that many
>mishaps occur due to 'navigational/radio failure' ie: interference
>The "precautions" the airlines are taking are based on these reports.
>
>

>NE>>> Please correct me if I am wrong on any of these...
>
>NE>>> Jeff - Who is planning on scanning his next flight this week.
>
>BTW - Check the approved devices list and radios and scanners are
>banned items, while tape players, cd players, and laptops are OK
>after takeoff.
>
>NOTE: IT IS A FELONY TO OPERATE BANNED EQUIPMENT ABOARD AIRCRAFT
> DURING COMMERCIAL FLIGHTS.
>
>ps: I'm glad I'm not flying this week!
>
>Glenn
>KB5VQI
>---
> ~ SLMR 2.0 ~ My reality check just bounced.

What a major crock o' SH**. That's just what the Airlines want you to
believe, just so they can maintain control
over what you can or cannot do on their craft. What happens when United
flight 164 flies within 5000 ' of the Sears Tower
in Chicago, pumping out MILLIONS of watts of RF on everything from
Channel 2 TV thru Pagers (blecchhh! messy Rf!!!) to
microwave??? You gotta be nuts if you think turning on your BEarcat is
gunna hurt their navcom.

****
Kids need the darndest things... like a little bit of YOUR blood to
survive Leukemia. Many die each day for lack of a perfectly matched
donor. Odds of matching: 1/20,000. Donating only hurts a tiny bit, but
not getting it means almost certain DEATH to the recipient, and >80%
survival with it! So get on the registry TODAY! The life you save may be
someone JUST LIKE YOU (immunologically, anyway). Call 1-800-MARROW-2 for
info. OK, I lied, it's bone marrow they need, not blood... but it's given
thru a 'SYRINGE'..."Painless"! I'm a registered donor since 1990...Just
DO IT!
****

7182. Re: Police jargon

Newsgroup: rec.radio.scanner
Date: 1994-12-21 21:03:55 UTC
From: mikew@sr.hp.com
Message-ID: <3da57r$7t7@canyon.sr.hp.com>
Source record: 263786

John Thompson (jthompso@nermal.santarosa.edu) wrote:
: Yea, I wanted to know something about cop talk... I do not quite fully
: understand the code names for the different officers. When a dispatcher
: says 6 Frank 3 10-21 Mr. Doe....etc.. What does 6 Frank 3 stand for? I
: know that Frank is like a day time officer (this probably varies according
: to location) but what does the 6 and the 3 stand for. The 6 never changes
: from officer to officer but the other number does. There are 6 Frank 1, 6
: Frank 2, 6 Frank 3, etc all the way to about 6 Frank 12.

In Sonoma County CA, the cops use standard identifiers so that they can
be on the same channel and understand who is talking. The first
number in the ID is the city, where 6 is Santa Rosa, 10 is county
Sheriff, 4 is Rohnert Park, etc.

The second digit is the beat or shift or type of unit. SO uses Frank=
evening shift patrol, Sam=sergeant, etc.

And the third digit is just the officer's ID.

The county fire agencies have a similar system using four digit
numerical IDs to identify the unit, the agency, and the typeof
equipment, ie 7183 is Santa Rosa engine 3, a Type 1 (urban) engine.

-mike

Mike Weihman mikew@sr.hp.com N1DJE

Hewlett-Packard Co. | ARES/RACES EC, Rohnert Park/Cotati, CA
Microwave Instruments Division |
1212 Valley House Drive | Firefighter/EMT-D
Rohnert Park, CA 94928 USA | Rancho Adobe Fire Protection District
(707) 794-4454 | Penngrove, CA

7183. AmSoft 1/95 CD-ROM Press Release 1

Newsgroup: rec.radio.scanner
Date: 1994-12-21 21:09:10 UTC
From: amsoft@epix.net
Message-ID: <3da5hm$t8k@grape.epix.net>
Source record: 263787

```
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CONTENTS OF THE AMATEUR RADIO SOFTWARE LIBRARY INCLUDED
ON THE JAN 1995 CALLSIGN v4 HAM RADIO CD-ROM BY AMSOFT

+AMCALL v1.1 LOGBOOK BY KC5JP USES THIS CD-ROM TO AUTO-LOG
+ANTENNA
ANT_01 AUTOMATIC RESONATING MOBILE ANTENNA
ANT_02 ANTENNA THEORY AND DESIGN
ANT_03 YAGI ANTENNA EVALUATION PROGRAMS BY N6BV
ANT_04 RFS ANTENNA TECHNICAL CALCULATOR
ANT_05 LOOP ANTENNA CALCULATOR BY WB2DYB
ANT_06 GUY WIRE CALCULATOR BY N6PE
ANT_07 HF RADIO ANTENNA DESIGNER V2.00
ANT_08 ANTENNA CALCULATOR BY K2TV
ANT_09 BEAM V2.1 GREAT CIRCLE CALCULATOR
ANT_10 YAGIMAX ANTENNA DESIGN BY K4UX
ANT_11 YAGICAD V4.1 BY VK3DIP
ANT_12 LONG WIRE ANTENNA CALCULATOR V1.00
ANT_13 MINI NEC BY KM4UL
ANT_14 DIPOLE DESIGN PROGRAM BY WA2ZIR
ANT_15 YAGISHWR V2.0 PHADEAN ENG. BY K1POO
ANT_16 ANTENNA DEMOS FROM PHADEAN ENG. BY K1POO
ANT_17 SLOPING VEE FROM PHADEAN ENG. BY K1POO
+BASIC A COLLECTION OF 86 AMATEUR RADIO PROGRAMS IN BASIC
+CAT
AOR_1 CONTROL YOUR AOR300
R8_1 R8 TUNER V2.0
R8_2 SMART R8 CONTROL V1.02
ICOM_01 ICOM PROGRAMMER BY N5MHZ
ICOM_02 RADIO REMOTE CONTROL PROGRAM FOR ICOM
ICOM_03 ICOM HF RADIO CONTROL PROGRAM
ICOM_04 ICOM IC-R7000 RECEIVER CONTROL PROGRAM
KEN_01 DIGI-COMM TS-850 RADIO CONTROL
KEN_02 RIG-EQF V2.10 KENWOOD RADIO CONTROL BY N3EQF
KEN_03 K-440 SPOILER V2.00 BY K5KNC
KEN_04 KENWOOD TS-940S INTERFACE CONTROLLER BY VE3COO
KEN_05 RADIO REMOTE CONTROL PROGRAM FOR KENWOOD RADIOS
KEN_06 HF440 TS-440 RADIO CONTROL V1.3 BY N7IPY
KEN_07 KENCON KENWOOD RADIO CONTROL BY KB3MY
KEN_08 KENW2OOD TS-440 RADIO CONTROL BY KB3MY
KEN_09 KENWOOD TS-440 RADIO CONTROL BY W9HXL
PROCAT GREAT ICOM AND YAESU CAT SOFTWARE BY WB8YQJ/6
SCANCAT VERSION 5.20 MULTI RADIO SUPPORT PROGRAM BY N5JMZ
YAESU_01 CATY767 V0.6 RADIO CONTROL PROGRAM BY N3HGQ
```

YAESU_02 YAESU 757 GX MK II CAT PROGRAM BY N1AED
YAESU_03 FRG-9600 CAT CONTROL PROGRAM BY WB4HRH
YAESU_04 CAT980 V1.8 FT-980 CONTROL PROGRAM BY K5YEF
+CW
CW_01 QUICK MORSE V1.00
CW_02 S A M F B V5.0 CW TRAINING PROGRAM
CW_03 EZCODE V2.0 CW TRAINING PROGRAM
CW_04 CW V2.09 QSO SIMULATOR & CW TRAINING BY W5CID
CW_05 CW SEND & RECEIVE PROGRAM FOR IBM BY W1HKJ
CW_06 THE CODE MACHINE CW TRAINING PROGRAM
CW_07 MORSEMAN PLUS CW TRAINING PROGRAM BY NE4L
CW_08 SUPER EASY MORSE CW TRAINING PROGRAM BY AB4IF
CW_09 SUPER MORSE V4.10 CW TRAINING PROGRAM BY WD5CID
CW_10 AUTOCW CW TRAINING PROGRAM BY NM1D
CW_11 CW V1.04 CW TRAINING PROGRAM BY W0NFU
CW_12 MORSE CODE MEMORY KEYBOARD IN VISUAL BASIC
CW_13 DAHDIT V4.00 CW TRAINING PROGRAM
CW_14 INTERNATIONAL MORSE CODE TRAINER BY AC3L
CW_15 CW WITH QSO SIMULATOR CW TRAINING PROGRAM BY KC9X
CW_16 FFTMORSE MORSE CODE READER USING SOUNDBLASTER
CW_17 MORSE CW TRAINING PROGRAM BY N7CCB
CW_18 MORSE TUTOR CW TRAINING PROGRAM BY N0IAI
CW_19 CWSPEED v2.O SPEED MEASURING PROGRAM BY AE8G
+DX_CALLS
CANADA CANADIAN DATABASE & RETREIVAL SYSTEM FROM VE3PZR
CZECH REPUBLICS CALLSIGN DATABASE
RUSSIA DATABASE & RETREIVAL SYSTEM
TAIWAN ASCII CALLSIGN LIST
UNITED KINGDOM CALLSIGN DATABASE
+DIST_NET 435 HAM RADIO PROGRAMS FROM THE HAM DISTRIBUTION NET
+ENGINEER
AC_01 NETWORK V1.0 AC ELECTRONIC CIRCUIT ANALYSIS
AC_02 PC-ECAP V2.00 AC CIRCUIT ANALYSIS PROGRAM
AC_03 CAP FOR CALCULATING SERIES & PARALELL CAPACITORS
AC_04 FBN NETWORK AC SPECTRAL ANALYSIS TOOL
ANALOG_1 LAMB ANALOG DEVICES CATALOG
ANALOG_2 ANALOG-P RESISTANCE/INDUCTANCE/CAPACITANCE
ANALOG_3 P-SPICE PRENTICE-HALL STUDENT VERSION W/PROBE
CIRCAD v3.67b SCHEMATIC & PCB DEMO FROM WB0VNE
DC_01 RESISTOR A DC CALCULATOR FOR SERIES AND PARALELL CALC
EEPUB E.E. PUBLIC DOMAIN LIBRARIES COLLECTION OF SOFTWARE
LIB_01 LAMB PRECISION DECISIONS MONOLITHIC DEVICES CATALOG
LIB_02 IC DATABOOK V1.3
MOTOROLA MOTOROLA PARTS CATALOG V6.0
PCB_01 PC BREEZE II V2.1 PCB CAD DESIGN PROGRAM
PCB_02 PCROUTE V2.210 PCB CAD DESIGN PROGRAM
PCB_03 EDIT-PCB V2.0 PCB DESIGN PACKAGE
PCB_04 PCBCAD HAS TOOLS FOR DESIGN OF PRINTED CIRCUIT BOARDS
PHILLIPS HCMOS PHASE-LOCKED LOOP DESIGN PROGRAM BY PHILLIPS
RF_01 QCKT THE QUICK RF CIRCUIT ANALYZER V1.00

SCHEM_01 EDRAW EASY DRAW V3.2 SCHEMATIC DRAWING PROGRAM
SCHEM_02 SCHEMATIC FILER V2.1 SCHEMATIC DRAWING PROGRAM
SCHEM_03 LAYO CAD SCHEMATIC DRAWING PROGRAM WITH AUTOROUTING
SCHEM_04 SCHEMATIC PLUS V1.2 SCHEMATIC DRAWING PROGRAM
SCHEM_05 QUICKDRAW SCHEMATIC DRAWING PROGRAM
SCHEM_06 CKT DRAW V1.0 SCHEMATIC DRAWING PROGRAM
SCHEM_07 EDITSCH V2.0 SCHEMATIC DRAWING PROGRAM
SCHEM_08 SKEM V1.0 SCHEMATIC DRAWING PROGRAM
+EXAMS
ADV_01 LATEST EXAMINATION ELEMENTS FROM GHZ ENGINEERING
ALL_01 AA3C-HAMTUTOR V2.50 MULTI LICENSE CLASS EXAMS
ALL_02 QUIZ MULTI LICENSE CLASS EXAMS BY KB5GQO
ALL_03 HAMPAC V1.5 MULTI LICENSE CLASS EXAMS BY KB5DIX
ALL_04 AUTOEXAM MULTI LICENSE CLASS EXAMS BY NM1D
ALL_05 EXAM GENERATOR V2.0 MULTI CLASS EXAMS BY KB2FZH
ALL_06 AMATEUR RADIO STUDY GUIDE V1.0 MULTI CLASS EXAMS
ALL_07 FLASH CARD MULTI LICENSE CLASS EXAMS BY WA6SAL
ALL_08 N1GFQ FCC LICENSE EXAM STUDY ASSISTANT
ALL_09 HAMTEST MULTI LICENSE CLASS EXAMS BY AB5P
EXTRA_01 LATEST EXAMINATION ELEMENTS FROM GHZ ENGINEERING
GEN_1 LATEST EXAMINATION ELEMENTS FROM GHZ ENGINEERING
NOVICE LATEST EXAMINATION ELEMENTS FROM GHZ ENGINEERING
PART97_1 THE COMPLETE TEXT OF TITLE 47 CFR 97 RULES & REGS
PART97_2 HAMBONE V1.0 USES PART 97 TO BONE UP ON RULES & REGS
TECH_01 LATEST EXAMINATION ELEMENTS FROM GHZ ENGINEERING
VEC_01 VOLUNTEER EXAMINERS CODE EXAM GENERATOR V2.1 BY WA8YCD
+FORMULAS
DAVID COLLECTION OF ENGINEERING PROGRAMS BY DAVID ARMSTRONG
EEF ELECTRICAL & ELECTRONIC FORMULAS V2.02
ELEC_01 ELECALC ELECTRONICS BASIC CALCULATIONS
ELEC_02 ELECFORM USEFULL ELECTRONIC FORMULA ROUTINES
ELEC_03 ELECTRON V2.5 ELECTRICAL & ELECTRONIC CALCULATIONS
ELEC_04 THE ELECTRONIC COMPANION V1.01
ELEC_05 THE FORMULA BANK BY ELTECH
IRVINE ELECTRONICS CALCULATIONS PROGRAMS BY DAVID IRVINE
MATH SCIENTIFIC EQUASION SOLVER, SCIENTIFIC CALCULATOR
RF_01 SOME RFTOOLS #1 RF DESIGN TESTING FORMULA PROGRAMS
RF_02 SOME RFTOOLS #2 RF DESIGN TESTING FORMULA PROGRAMS
RF_03 RFS TECHNICAL PROGRAMS DISK V1.0
RF_04 TELEDYNE MICRO ELECTRONICS RF TOOLBOX
RF_05 BDS ENGINEERING TOOLKIT V2.0
RF_06 CALC V2.15 ELECTRONIC CALCULATIONS
RF_07 CHEBY V1.1B FILTER DESIGN PROGRAM
RF_08 LINELOSS CALCULATES LINELOSS ON TRANSMISSION LINES
RF_09 GAMMA CALCULATE YOUR GAMMA MATCHES BY WB0IKN & W7ITB
SOLVE V7.1a FOR AC/DC CIRCUITS & NETWORK CIRCUITS
+LOG
CON_01 AMATEUR RADIO LOGBOOK PACKAGE V3.5 BY G3ZCZ
CON_02 VHF TEST V2.30 4/94 CONTEST LOGBOOK BY WG3E
CON_03 CT V6.14 CONTEST LOGBOOK BY K1EA

CON_04 DUPE V2.6 CONTEST LOGBOOK
CON_05 FASTDUPE V1.0 CONTEST LOGBOOK BY WB2MAE
CON_06 LOGSHEET CONTEST LOG SHEET GENERATOR BY WB2MAE
CON_07 PCLOG CONTEST LOGBOOK BY VE3USA
CON_08 FIELDAY CONTEST LOGBOOK FOR FIELD DAY BY WA3FAE
CON_09 MICRO HAM TESTRIDE V4.02 CONTEST LOGBOOK
CON_10 FIELD DAY LOGGING SYSTEM V3.00 BY WR9R
CON_11 FIELD DAY LIGGING PROGRAM V4.00 BY W1HKJ
CON_12 PA LOGGER-1200d PA QSO PARTY LOGGER BY KM3D
COUNTY_1 COUNTY V1.2 AMATEUR RADIO LOGBOOK BY WB9SVH
DX_01 HYPERLOG V2.25 AMATEUR RADIO LOGBOOK BY AH8B/W4
DX_02 PXDB PREFIX DATABASE AMATEUR RADIO LOGBOOK
DX_03 ARS LOGBOOK/DXCC PROGRAM V4.2 BY KI6LO
DX_04 THE DXER V1.33 AMATEUR RADIO LOGBOOK BY WA6JOO
DX_05 HAMLOG AMATEUR RADIO LOGBOOK BY KE6DN
DX_06 DXCC AMATEUR RADIO LOGBOOK FOR DXCC AWARD TRACKING
DX_07 DXCC AWARD LOGGER AND LISTNER BY OH2DN & OH2BU
LOGMASTR WB2OPA LOGMASTER PLUS PLUS USES OUR CD-ROM
NET_01 NET-CONTROL V5.8 AMATEUR RADIO LOGBOOK BY VE3COO
NET_02 ROLL CALL V3.05 ROLODEX STYLE AMATEUR RADIO LOGBOOK
NTS_01 HAMGRAM NTS MESSAGE FORMAT FORM GENERATOR
NTS_02 NTS LOGGER VERSION 3.O BY BARBRA OSOFSKEY KB2HM
LOG_01 LOG-EQF V6.19 AMATEUR RADIO LOGBOOK BY N3EQF
LOG_02 THE TOTAL HAM V9.2 AMATEUR RADIO LOGBOOK BY WD4AZG
LOG_03 THE TOTAL HAM PLUS V8.1 HAM RADIO LOGBOOK BY WD4AZG
LOG_04 LOGGER V1.50 AMATEUR RADIO LOGBOOK BY KD2MT
LOG_05 HAM COMPUTER AMATEUR RADIO LOGBOOK BY WB8YQJ/6
LOG_06 LOGRPT AMATEUR RADIO LOGBOOK BY N5LDU
LOG_07 PC LOG AMATEUR RADIO LOGBOOK BY WB4UIH
LOG_08 SPLOG V3.01 ADVANCED AMATEUR RADIO LOGBOOK DATABASE
LOG_09 DZ-LOG USES INTERNET CALL SIGN DATABASE
+LOST & MISSING CHILDREN IMAGES FROM THE HEIDI SEARCH CENTER
+MAC A COLLECTION OF 51 MAC HAM PROGRAMS FOR AMATEUR RADIO
+MISC
1010CLUB 10-10 CLUB MEMBERSHIP DATABASE PROGRAM
AB5P GRAYLINE SUNRISE, SUNSET, AND GRAYLINE PROGRAM BY AB5P
ARRLART PCX CLIPART OF HAM RADIO RELATED SUBJECTS BY KB2ECI
BEAMER BEAMER V1.0 BEAM HEADING PROGRAM BY WK9T
CALLTIME NBSTIME SET PC TIME TO NATIONAL BUERAU OF STANDARDS
CLOCK CALLSIGN/CLOCK DISPLAY YOUR CALL AND TIME BY KC6QIS
COUNTRY A COLLECTION OF 248 DX COUNTRY MAPS IN PCX FORMAT
DK8JY JVFAX V5.0 FAX AND SSTV RECEIVE PROGRAM BY DK8JY
DXLOCATR THE DX LOCATOR BEAM HEADING PROGRAM BY KB2BK
ELMER ELMER V1.00 ARTIFICIAL INTELLEGENCE PROGRAM BY G3ZCZ
EZ_SSTV EZ SSTV v2b USABLE PASOKAN TV DEMO PROGRAM BY WB2OSZ
FFT128 FFT-128 FOURIER WAVE ANALYSIS PROGRAM
FFTDSP FFTDSP V3.00 DIGITAL SIGNAL PROCESSING PROGRAM BY AF9Y
FILTER20 ACTIVE FILTER DESIGN TOOLS V2.01A
GATE_SIM A LOGIC GATE LEVEL SIMULATOR V1.0
GEOCLOCK GEOCLOCK V6.0 SHOWS GRAYLINE WITH TWILIGHT AREA

GRID_SQR GS V1.1 MAIDENHEAD GRID SQUARE CALCULATOR PROGRAM
HAMCLOCK HAM-CLOCK V1.0 MULTIPLE TIME ZONE WALLMAP DISPLAY
HAMFEST HAMFEST MAILING LIST TRACKS ATENDEES & VENDORS
HAM_GFX HAM GRAPHICS IN PRINTSHOP, PRINTMASTER, NEWSROOM +++
HAM_RAGS CROSS REFERENCE INDEX FOR OLD MAGAZINES BY K7NTV
HOMECTRL GAME PORT MONITOR V2.0 HOME ENVIROMENT CONTROL
KC7WW PCTOR V1.09 & TORBIOS V1.07 AMTOR WITHOUT A TNC
MAKE_QSL QSL REPORT LABEL MAKER V1.1 PROGRAM BY KC4AZL
N4FLZ QRB/ATE V1.01 BEAM HEADING & DISTANCE PROGRAM
N4TL SUN CALCULATES SUNRISE & SUNSET TIMES BY N4KTL
N5OWK GREAT CIRCLE BEARING & RANCE CALCULATOR BY N5OWK
NMATGRAM NAVY MARSGRAM AUTO ENTRY OF NMAT 1 & 8 MARSGRAMS
O_SCOPE TEST BENCH EQUIPMENT SIMULATION - NICE DEMONSTRATION
PAMS_20 PAMS/AMCS AMTOR MSG CENTER SYSTEM (MARS) BY W5SSM
PC_CABLE COMPUTER CABLE INFORMATION ON WIRING YOUR PC CABLES
PHONETIC FIND THE PHONETIC FOR ANY LETTER OF THE ALPHABET
PSQSL PSQSL V2.00 QSL LABEL SORTER & MAKER BY W9XT
QQSL_54 QQSL V5.4 QUICK QSL LABEL MAKING PROGRAM BY AA4M/6
QSLCARDS QSLCARDS QSL LABEL MAKING PROGRAM BY N7LBP
RESISTOR RESIST V1.5 MOUSE RUN RESISTOR COLOR CODE IMPEDENCE
ROOSTERS DATABASE OF THE ROOSTER NET 3.990 MHZ 6AM EST DAILY
SB_SSTV VIEW SLOW SCAN TELEVISION USING THE SOUND BLASTER
SHUTTLE TRACKER FOR EGA/VGA TRACKING OF SPACE SHUTTLES
SMTHCHRT SCAT V2.0 SCATTERING PARAMETERS USING SMITH CHART
SOLAR SOLAR PANEL TUNE UP & OPTIMIZATION PROGRAM BY WD9AHF
SSTV2 RDSSTV V2.0 SLOW SCAN TELEVISION READER BY WA5VLZ
SUNTIME ANYTIME/SUNTIME V1.2 SHOW TIME UP TO 11 WORLD CITIES
TERRATIM TERRATIME V2.1 DISPLAYS LOCAL TIME UP TO 44 CITIES
VE2IQ AUDIO SPECTRUM ANALYZER SYSTEM USING FFT BY VE2IQ
VE6AAP SARA PORT TO PORT TRANSFER PROGRAM BY VE6AAP
VK5BUB GCP A GREAT CIRCLE PROGRAM BY VK5BUB
WA9WJN HAMRAD-DSK1 SEVERAL HAM PROGRAMS BY WA9JWN
WB5VKX HAMTOOLS BEAM HEADING & DISTANCE PROGRAM BY WB5VXK
WORLD29 THE WORLD V2.9 LOOK AT THE WORLD FROM SPACE ZOOM IN
WORLDTIM WORLD TIME DISPLAYS TIME FOR UP TO 30 WORLD CITIES
ZCZBASIC LEARN BASIC PROGRAMMING LANGUAGE TUTORIAL BY G3ZCZ
+MODS OVER 1,350 RADIO MODIFICATIONS BY MODEL & MANUFACTURER
+MUF
MUF_01 HF_SYNCHRONIZER DETERMINES BEST TIME TO MAKE A HF QSO
MUF_02 PROPPLUS MUF LUF CALCULATOR FROM RADIO NETHERLANDS
MUF_03 BANDAID MUF PREDICTIONS, BEACONS, PREFIXES AND MORE MUF_04 WORLDFIX V5.5 DXCC
BEARING & DISTANCE PROGRAM BY NF4A
MUF_05 MAPPER EGA/VGA V3.0 VISUAL F2 LAYER PROPOGATION
MUF_06 MINIMUF V4.1 PLOTS MUF FROM YOUR QTH BY N6BV
MUF_07 DXHELP CALCULATES THE MUF FROM YOUR QTH BY WA5ZBC
MUF_08 DX-ONLINE SHOWS MUF FROM YOUR QTH BY KD5OL
+MULTMODE
AEA_01 ARoREN PK232/KENWOOD 440 DUAL CONTROL BY K5WNV
AEA_02 ACUTERM V0.410 PK232/KENWOOD 440/940 CONTROL BY N8BA
AEA_03 REALTIME FAX FOR PK232 BY WB3DBU

ALL_01 RTP V1.0 RADIO TERMINAL PROGRAM BY N4PY
ALL_02 LAN-LINK V2.32 FROM JOE KASSER, G3ZCZ, 5 STAR PROGRAM
KAM_01 PERSONAL MAIL-BOX TERMINAL EMULATOR BY N3DFD
KAM_02 KAM V4.0 HAMLOG AND CALLIST PROGRAMS USE DBASE III
MFJ_01 DFAX V1.24 MFJ-1278 FAX VIEW TEST PROGRAM
+PACKET
APLINK APLINK V6.04 AMTOR\PACKET PROGRAM BY W5SMM
DIGIS A COMPLETE LISTING OF DIGIPEATERS ALL OVER THE WORLD
DOCS READABLE FILES THAT TEACH YOU ABOUT PACKET
INTRFLEX COLLECTION OF PK_GOLD & KA_GOLD PROGRAMS
KA9Q_01 KA9Q INTERNET PROTOCOL PACKAGE V871225.31
KA9Q_02 SHORTNOS BY PA0GRI V2.0D (KA9Q V911229)
KA9Q_03 SOURCE CODE FOR KA9Q V131 SOFTWARE
KA9Q_04 LARGENET BY PE1CHL V900415 (KA9Q V871225.33)
KA9Q_05 WNOS BY DB3FL V2B DERIVATIVE OF KA9Q INTERNET
KA9Q_06 GRINOS 910702v0.4B BY N1BEE (KA9Q 910618)
KA9Q_07 KA9Q INTERNET PROTOCOL PACKAGE V910131 NOS
KA9Q_08 KA9Q INTERNET PROTOCOL PACKAGE V900214 NOS
KA9Q_09 JNOS V1.08C TCP/IP BY WG7J (KA9Q V911229)
KA9Q_10 GRINOS 910921v0.72s BY N1BEE (KA9Q V910618)
KA9Q_11 NET/ROM BY W9NK (KA9Q V890421.0 ds = 2dc9)
LAN_LINK LAN-LINK 2.32 MULTIMODE PACKET W/PACTOR BY G3ZCZ
MSYS_1 MSYST V1.00 YAPP PROTOCOL SYSTEM BY WA8BXN
MSYS_2 MSYS FBB MAIL CONVERSION UTILITY
MSYS_3 MSYS V1.12 PACKET RADIO BBS BY WA8BXN
PAK_01 STATS MONITORING PACKAGE V1.1 BY WB6YMH/NK6K
PAK_02 PACKET PICPRO WEFAX & PICTURE XFERS BY K4ABT & KF4JF
PAK_03 ROSE X.25 INTERACTIVE PACKET NETWORK BY W2VY
PAK_04 PTP V4.00 PACKET TERMINAL COMMUNICATOR BY N4PY
PAK_05 PAKET V5 THE AUSSIE'S BEST PACKET PROGRAMY BY VK2DHU
PAK_06 BAYCOM NO-TNC TERMINAL PROGRAM V1.50A BY DL8MBT/DG3RBU
PAK_07 WPL V1.02 WAVELET PACKET LABORATORY DIGITAL DIAGNOTICS
PAK_08 EZ PACKET V1.40 PACKET TERMINAL PROGRAM BY AA4L
PAK_09 HAMCOM PACKET TERMINAL PROGRAM BY AE6G
PAK_10 PACKCOM V0.75 PACKET TERMINAL PROGRAM BY WB4ZJV
PAK_11 ARES\DATA V1.5 EMERGENCY RESPONSE DBASE BY WN6I & N6KL
PAK_12 BSQ V2.0 TRANSFERS ARBITRARY BINARY FILES BY W1GOH
PAK_13 CHYNK 'N GLUE V1.5 PACKET FILE TRANSFER BY WD4OQC
PAK_31 GRAPHIC PACKET V1.00 PACKET TERMINAL PROGRAM BY DH1DAE
PAK_15 ESTIMATE NETWORK THROUGHPUT ON PACKET RADIO BY KZ1O
PAK_16 PACKWIN V1.2 PACKET TERMINAL PROGRAM BY N2CJ
PAK_17 THE CRYNWR COLLECTION OF PACKET DRIVERS
PAK_18 HOSTTERM V3.10 PACKET TERMINAL PROGRAM BY WK2S
PAK_19 R95 BY WD5IVD, PATHCALC NW6H, SETPLUS BY NJ7P
PAK_20 PCT HOSTMODE PACKET TERMINAL PROGRAM BY DD6CV
PAK_21 APRS V4.03 PACKET LOCATION FINDING PROGRAM
PAK_22 DXALERT V2.3 DX PACKET CLUSTER PROGRAM BY KA6JLT
PAK_23 RENAME UTILITIES FOR DX PACKET CLUSTER SYSTEMS
PAK_24 THS V2.50 TNC HOSTMODE SERVER PROGRAM BY HB9CVV
PAK_25 TNCKAM TNCMFJ SETS TIME ON THE KANTRONICS & MFJ TNC'S

PAK_26 FLEXPAC DX CLUSTER PACKET TERMINAL PROGRAM BY ND2O
PAK_27 PHS V3.00 PK-232 HOSTMODE SERVER PROGRAM BY HB9CVV
PAK_28 NTS ALLOWS YOU TO PASS NTS TRAFFIC ON PACKET BY VE4UB
PAK_29 PACFAST HIGH SPEED PACKET TERMINAL PROGRAM BY N5ARU
PAK_30 TPK V1.81 PACKET TERMINAL PROGRAM BY F1EBN
AA4RE_01 AA4RE PACKET BBS V2.11 PBBS PROGRAM BY AA4RE
AA4RE_02 AA4RE TOOLS AND UTILITIES FOR THE AA4RE PBBS
AA4RE_03 RC-85 REPEATER CONTROLLER PROGRAM BY AA4RE
BACKTALK BACKTALK V11.1.1 FORWARDING PBBS & TERMINAL BY N3DFD
CBBS CBBS V6.45 SUPERFAST PBBS WRITTEN IN C BY K3RLI
FBBS FBBS V5.12 10 LANGUAGES AVAILABLE IN THIS FRENCH PBBS
BPQ_01 THE G8BPQ AX25 V4.06E NETWORKING SOFTWARE PACKAGE
BPQ_02 MONITOR HEARD LIST V1.02 FOR BPQ NODES BY G4YFE
PACKTALK PACKTALK PBBS PACKET SOFTWARE PROGRAM BY N3DFD
ROSERVER ROSERVER V1.45 PACKET RADIO MAILBOX SYSTEM BY KA2BQE
W0RLI_01 W0RLI PC MAILBOX PBBS PACKET SOFTWARE BY W0RLI
W0RLI_02 W0RLI TOOLS USEFULL UTILITIES FOR THE WORLI PBBS
W0RLI_03 RLIMAIL V2.10 MAIL UTILITY FOR W0RLI BY WB2COY
MBL_01 LOG PROCESSOR FOR WA7MBL PBBS BY G3ZCZ & N4QQ
MBL_02 BIS V2.0 BBS INTERFACE FOR USE WITH WA7MBL PBBS
YAPP YAPP PROTOCOL FOR ADVANCED NETWORK COMMUNICATIONS
+RTTY
RTTY_01 RTP V1.2E RADIO TELETYPE PROGRAM BY KF4NB
RTTY_02 MSO232 V1.B RADIO TELETYPE PROGRAM BY N2IZB
RTTY_03 TTY V3.7 RADIO TELETYPE PROGRAM BY AA4L
RTTY_04 K2TATERM RADIO TELETYPE PROGRAM BY K2TA
RTTY_05 RTTY 2000 RADIO TELETYPE PROGRAM BY W0SE
RTTY_06 TTY READER V1.2B A RTTY/ASCII VIEWER
RTTY_07 RTTY RADIO TELETYPE PROGRAM BY W1HZH
RTTY_08 DL5YEC HAMCOMM V2.2 READ RTTY W/O CONVERTER
RTTY_09 COPYCAT V1.0 RTTY DECODER DEMO BY N5JMZ
RTTY_10 HOKA CODE3 RTTY DECODER DEMO BY N5JMZ
+SAT
SAT_01 STSORBIT PLUS V9415 SPACE SHUTTLE & SATELLITE TRACKER
SAT_02 PC-TRACK V2.14ATELLITE TRACKING PROGRAM
SAT_03 WHATS-UP V1.30 SATELLITE TRACKING PROGRAM BY G3ZCZ
SAT_04 TRAKSAT V3.00 SATELLITE TRACKING PROGRAM
SAT_05 SATEQ V7.4 SATELLITE TRACKING PROGRAM BY OE1HSI
SAT_06 ELEMENT MANAGER V1.8 SATELLITE ELEMENT MAINTENANCE
SAT_07 QUIKBBS SATELLITE SCHEDULE MANAGER FOR BBS OPERATORS
SAT_08 QUICK-KEP KEPLERIAN ELEMENTS TRANSLATION BY WB2MNF
SAT_09 TLM1 DECODES MICROSAT TELEMETRY FROM NON-KISS FILES
SAT_10 RS10/RS11 TELEMETRY BEACON CODE ANALYSIS PROGRAM
SAT_11 SEESATS SATELLITE TRACKING PROGRAM BY NM1D
SAT_12 SMART TRACK V0.92B SATELLITE TRACKING PROGRAM BY W6PIO
SAT_13 VECTOR TO 2 LINE ELEMENTS V9421 PROGRAM BY N2WWD
+SPACE THE LATEST SPACE IMAGES & SPACE NEWSLETTERS
+SVGA SVGA v1.12 SUPER VGA VIEWING UTILITY AUTO DETECTS CARDS
+SWL
DOCS DOCUMENTATION FILES WITH OVER 50,000 SWL LISTINGS

SWL_01 SCANPRO MONITORING DATABASE FOR 400 CHANNEL SCANNERS
SWL_02 SHORT V1.4 SHORTWAVE FREQUENCY DATABASE PROGRAM
SWL_03 THE RAC FREQUENCY CATALOG V1.1 & US GOVERNMENT DBASE
SWL_04 SCANNER FREQUENCY FINDER WITH NICE DC AREA DATABASE
SWL_05 SCANNER BUFF PRO V3.76 WITH LOS ANGELEA AREA DATABASE
SWL_06 SCANNER MANAGER V5.0 SCANNER DATABASE PROGRAM
SWL_07 CHART, ASCII FREQUENCY LIST CREATER & PRINTER UTILITY
SWL_08 FREQUENCY MINDER V1.0 SCANNER PROGRAM W/CA DATABASE
SWL_09 SCANNER FREQUENCY DATABASE MANAGEMENT SYSTEM V1.0
SWL_10 SCANNER FREQUENCIES V1.0 SCANNER DATABASE PROGRAM
SWL_11 SHORTWAVE LISTENING GUIDE V2.91 WORLDIDE SHORTWAVE
SWL_12 PC SHORTWAVE MONITOR V2.01 THE LOGGING ORGANIZER
SWL_13 SWRADIO, READ HOW TO BUILD A SWL RCVR BY MENDEL COOPER
SWL_14 TUNE-IN, SCANNER DATABASE PROGRAM W/TEXAS FREQUENCIES
SWL_15 SCANNER ALLOCATION PROGRAM (REQ. FOXBASE+ SOFTWARE)
SWL_16 SCANNER DATABASE V1.0 PROGRAM WITH CANADIAN FREQS
SWL_17 TFD v1.0 - THE FREQUENCY DATABASE BY VE3HAM/VE3UCM
+WEATHER
WEA_01 STORM V6.1 HURRICANE TRACKING PROGRAM WITH PAST TRACKS
WEA_02 WXRDR V3.0 PRODUCE IMAGES BY DOWNLOADING RADAR INFO
WEA_03 TIDES V2.00 FORCASTS TIDAL INFORMATION ANYWHERE
WEA_04 RADARSCAN V1.1 MAKES HIGH RES PLOTTED WEATHER MAPS
+WINDOWS
BMP_GFX1 Part1; AMATEUR RADIO IMAGES FOR WINDOWS PROGRAMS OR
BMP_GFX2 Part2; USE AS WALL PAPER, OR IN PUBLISHING PROGRAMS
WIN_01 WAS MAP V2.1A DISPLAY & TRACK WAS AWARD BY KC4B
WIN_02 KENTROL CAT CONTROL FOR KENWOOD RADIOS BY VE3BGB
WIN_03 PACKY V1.03 PK88/PK232 PACKET SOFTWARE BY N7SNQ
WIN_04 OHMS-LAW V1.3 CALCULATE CAPACITOR & RESISTOR CIRCUITS
WIN_05 RF POWER DENSITY 2 MEGAHERTZ TO 10 MEGAHERTZ CALC
WIN_06 SCANBASE V2.1 SCANNER DATABASE WITH SAN FRANCISCO AREA
WIN_07 WINLOG VERSION 1.1 LOGGING PROGRAM BY DL1DAE
WIN_08 WORLDTIME V2.1 DISPLAYS THE TIME IN 6 WORLD LOCATIONS
WIN_09 WINTZ DISPLAY TIME IN 24 WORLD TIMEZONES ON 1 SCREEN
WIN_10 RUSSIAN LANGUAGE TUTOR REQUIRES SOUNDBLASTER CARD
WIN_11 160m-10cm v2.0 BANDPLAN DISPLAY PROGRAM BY KA2KQP
WIN_12 GMT CLOCK DISPLAY IN SMALL WINDOW BY KA2KQP
WIN_13 TECH EXAM DEMO BY PRACTICA-LY REQUIRES VBRUN200.DLL
WIN_14 GENERAL EXAM DEMO BY PRACTICA-LY REQUIRES VBRUN200.DLL
WIN_15 ADVANCD EXAM DEMO BY PRACTICA-LY REQUIRES VBRUN200.DLL
WIN_16 EXTRA EXAM DEMO BY PRACTICA-LY REQUIRES VBRUN200.DLL
WIN_17 FREQUENCY MANAGER DATABASE BY BEN SALADINO
WIN_18 DIPOLE DESIGNER PROGRAM BY N4PVU
WIN_19 10 MINUTE ID TIMER V1.12 BY KK7A
WIN_20 NUMORSE V0.9 MORSE CODE TRAINER BY G4AUD
WIN_21 WRITELOG DEMO LOGGING PROGRAM BY W5XD
WIN_22 R-7000 CONTROLLER DATABASE BY BEN SALADINO
WIN_23 WINPACK V1.0 PACKET SOFTWARE BY KI7CU
WIN_24 PKTWIN V1.1 PACKET SOFTWARE BY G4YFE
WIN_25 PACKETPET LITE FOR WINDOWS PACKET SOFTWARE

WIN_26 747-CAT v1.12 CAT CONTROL PROGRAM BY WB6IZG
WIN_27 R7000 v1.12 CAT CONTROL PROGRAM BY WB6IZG
WIN_28 ID LOGIC SIMULATOR FOR WINDOWS BY PRS CORP.
WIN_29 SHORTWAVE SIMULATOR FOR WINDOWS BY PRS CORP.
WIN_30 WORLD TIME CLOCK FOR WINDOWS BY PRS CORP.
WIN_31 ORBIT TRACK v1.0a FOR WINDOWS BY KE9PU SOFTWARE
WIN_32 PRO-CAT CAT CONTROL FOR WINDOWS BY WB8YQJ

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Telephone 717-938-8249 Facsimile 717-938-6767
Internet: amsoft@epix.net

7184. Re: discone from Radio Shack

Newsgroup: rec.radio.scanner
Date: 1994-12-21 21:22:31 UTC
From: ncschult@mars.acs.oakland.edu
Message-ID: <ncschult.788044951@mars.acs.oakland.edu>
Source record: 263629

A friend of mine gave me his R.S. dicone because it diden't work for
him. I mounted it under another antenna (Mon 58) and the reception was
great. UNTIL I removed the Mon 58, I coulden't pick up half of what I
use to with just the discone. I think I've created some kind of ground
plane antenna by mounting the discone under the Mon 58.

THE R.S. DISCONE BY ITS SELF IS JUNK

Neil

Disclaimer: my experience, my opinion.

D
could with just the discone on my roof

--

N.C.Schultheiss
Detroit, Michigan, USA
ncschult@vela.acs.oakland.edu

7185. garbage BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-21 22:40:03 UTC
From: dfisher@chat.carleton.ca
Message-ID: <D16Mys.Jnp@cunews.carleton.ca>
Source record: 263789

I have a BC200XLT which is the worst scanner I have ever owned. After a lot of hype I decided to buy myself one a couple of years ago. The reception is terrible, it picks up tons of intermod and the antenna wire has developed a cold solder joint at least 3 times causing absolutelly abismal reception for a few days before I realized the problem. The cold solder joint apparently occoured because of the vibration of being in the car. So after many trips to the radio store to have it repaired and complain about my problems I have finally come to the conclusion that the BC200XLT is a piece of junk. Convince me otherwise!!! In the meantime I will continue to use my RS Pro43 which has excellent reception and very little Intermod. Please give me your opinion!!

---

david fisher
Carleton University

Email address: dfisher@chat.carleton.ca

7186. Re: garbage BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-21 23:15:25 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2112941811080001@alexander.terranet.com>
Source record: 263791

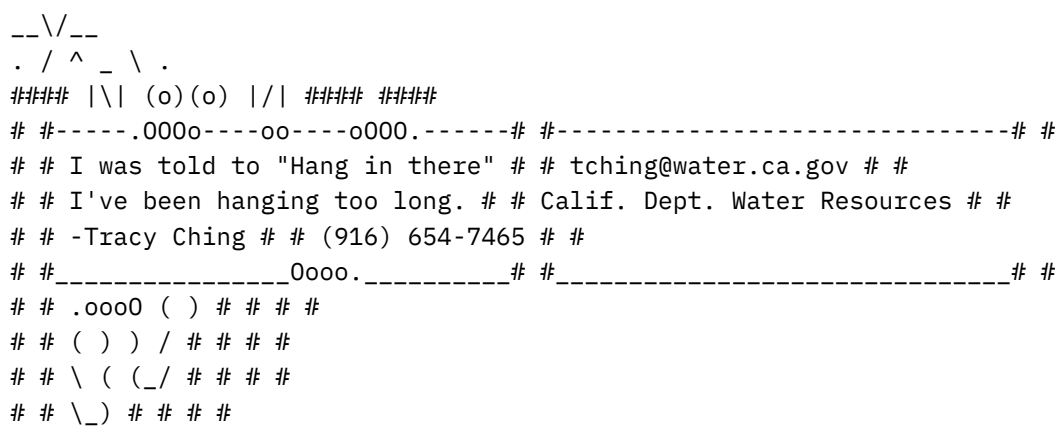
In article <D16Mys.Jnp@cunews.carleton.ca>, dfisher@chat.carleton.ca
(david fisher) wrote:

> I have a BC200XLT which is the worst scanner I have ever owned. After
> a lot of hype I decided to buy myself one a couple of years ago. The
> reception is terrible, it picks up tons of intermod and the antenna
> wire has developed a cold solder joint at least 3 times causing
> absolutelly abismal reception for a few days before I realized the
> problem. The cold solder joint apparently occoured because of the
> vibration of being in the car. So after many trips to the radio store
> to have it repaired and complain about my problems I have finally come
> to the conclusion that the BC200XLT is a piece of junk. Convince me
> otherwise!!! In the meantime I will continue to use my RS Pro43 which
> has excellent reception and very little Intermod. Please give me your
> opinion!!
>
> I had one for several months. Sold it because I wanted something with a
bit more pizzazz. Bought a few others since then--now have an
AOR1000XLT--but I still think the 200XLT was one terrific unit. Well
built; good sensitivity; good price.

7187. CTCSS IC?

Newsgroup: rec.radio.scanner
Date: 1994-12-21 23:18:20 UTC
From: tching@bilge.water.ca.gov
Message-ID: <3dad3s$251@news.csus.edu>
Source record: 263632
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.scanner

I was looking at a catalog with a CTCSS encoder/decoder. I see
a (maybe) 28 or 40 pin DIP on the board and a few passive parts -
that's all.
1) Who makes a CTCSS chip?
2) What's the part number?



7188. Amsoft 1/95 CD-ROM Press Release 2

Newsgroup: rec.radio.scanner
Date: 1994-12-21 23:44:15 UTC
From: amsoft@epix.net
Message-ID: <3daekf$5tv@grape.epix.net>
Source record: 263792
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.space,rec.radio.swap

The Jan 95 AmSoft CD-ROM will be shipping December 23, 1994.
Cost is $39 plus shipping $3 USA, $5 Foreign. Over 20,000
files for amateur radio. Plus the CALLSIGN call book, and
AMCALL the new logbook from AmSoft that will auto log from
the CD for you. Over 1,350 Radio Mods. The latest HST images.
Over 700 Megabytes of Amateur Radio Software packed into 1 CD.

Version 4.0 Callsign will search for US & Foreign amateurs by
CALL or partial CALL
LAST NAME, FIRST NAME, or partial NAME
STATE, CITY or partial CITY
ZIP CODE or partial ZIP CODE
Create Avery label mailing lists
Create QSL address labels
When used with AmCall Logbook, will create your QSl contact information labels.

Help locate lost & missing children too. The complete list of
1,100 .gif images from the Heidi Search Center is constantly
maintained with up to the minute changes shown on the WWW at
http://www.halcyon.com./alt.missing-kids.gifs

This CD is published every 4 months without delay every JANUARY, MAY, & SEPTEMBER.

If you would like to know what others think about the AmSoft CD-ROM then read what
the authors of Amatuer Radio & Electronics magazines are writing:

Popular Electronics January 1995 pages 8, & 92
Nuts & Volts November 94 pages 21, 22, & 23
CQ November 1994 page 97
World Radio September 1994 (Hams at Seaside article)
Communication Quarterly Fall 1994 pages 41-52 & 95-98
Monitoring Times August 1994 page 91
The Amateur Communicator May/June 1994 page 23
73 Amateur Radio Today March 94 page 88
Monitoring Times March 1994 page 96
World Radio February 1994 page 70
CQ December 1993 (Karl Thurber article)
QST December 1993 page 90
Monitoring Times August 1993 pages 98, & 99
Popular Electronics July 1993 pages 53, 60, & 96
CQ March 1993 page 77

If you would like to order with Visa/MasterCard call 717-938-8249
If you want to fax your order in fax to 717-938-6767
Or Email us your order at amsoft@epix.net

If you would like to get a FREE copy of the January 1995 AmSoft CD-ROM newsletter
please leave me your mail or E-mail information or internet id at: amsoft@epix.net
---
Reply to: Pete KC3TL at (amsoft@epix.net) or call 717-938-8249

7189. Las Vegas Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-12-22 00:03:33 UTC
From: odonnel@nevada.edu
Message-ID: <3dafol$4q1@news.nevada.edu>
Source record: 263793

Greetings fellow scanners,
I'm fairly new to this scanning deal but am very impressed by the possiblities. If anyone in the Las Vegas area can give me some freqs. I would really appreciate it! Post here or e-mail me at odonnel@nevada.edu
Thanks.

7190. Re: garbage BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-22 01:07:34 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.941221170345.29278C-100000-100000@holmes.ece.orst.edu>
Source record: 263797

On 21 Dec 1994, Michael Alexander wrote:

> In article <D16Mys.Jnp@cunews.carleton.ca>, dfisher@chat.carleton.ca
> (david fisher) wrote:
>
> > I have a BC200XLT which is the worst scanner I have ever owned. After
> > a lot of hype I decided to buy myself one a couple of years ago. The
> > reception is terrible, it picks up tons of intermod and the antenna
> > wire has developed a cold solder joint at least 3 times causing
> > absolutelly abismal reception for a few days before I realized the
> > problem. The cold solder joint apparently occoured because of the
> > vibration of being in the car. So after many trips to the radio store
> > to have it repaired and complain about my problems I have finally come
> > to the conclusion that the BC200XLT is a piece of junk. Convince me
> > otherwise!!! In the meantime I will continue to use my RS Pro43 which
> > has excellent reception and very little Intermod. Please give me your
> > opinion!!

Well for the price it's just the best around. It's cell restorable too.
I just can't afford an AOR1000 or things like that. For a casual
scanninst(like myself) it offers everything I need. It is a little noisy
and picks up intermod alot but for $189.00 I couldn't really get anything
else. Anyone have a AOR1000 they want to donate??

7191. cellular phones

Newsgroup: rec.radio.scanner
Date: 1994-12-22 01:08:12 UTC
From: hh@xcf.Berkeley.EDU
Message-ID: <3dajhs$egd@agate.berkeley.edu>
Source record: 263802
Cross-posted to: rec.radio.scanner,alt.2600

i am about to buy my first ham set. i read "all about ham radio" by harry helms aa6fw, and i'm about to take my tech class test.

here's my question: what freqs do cell phones use? are there any mobile hams that can receive in those freqs? i understand that scanners are now blocked out of those freqs. are some still available which can be modified for this? are there hams which can be modified for this?

obviously, i understand that this is illegal in the united states; i would only posess such equipment in countries where it is legal, such as canada and mexico.

thanks,

e

7192. Pro 43 mod help needed

Newsgroup: rec.radio.scanner
Date: 1994-12-22 01:30:08 UTC
From: mattho@goanna.lbl.gov
Message-ID: <42898@dog.ee.lbl.gov>
Source record: 263795

I want to modify my PRO-43 scanner to receive cellular but I don't know how. Can some kind soul please send me the mod procedure.

BTW, how can I tell whether my scanner is modifiable or not?

I would also like to know if there is any other mod that can be done to this scanner.

Thanks in advance for your help.
Matt Ho
mhho.lbl.gov

7193. Re: garbage BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-22 01:33:33 UTC
From: copeland@fohnix.metronet.com
Message-ID: <3dal1d$scm@fohnix.metronet.com>
Source record: 263800

In article <Pine.HPP.3.91.941221170345.29278C-100000-100000@holmes.ece.orst.edu>,
brian varine <varine@ece.orst.edu> wrote:
>
>
>On 21 Dec 1994, Michael Alexander wrote:
>
>> In article <D16Mys.Jnp@cunews.carleton.ca>, dfisher@chat.carleton.ca
>> (david fisher) wrote:
>>
>> > I have a BC200XLT which is the worst scanner I have ever owned. After
>> > a lot of hype I decided to buy myself one a couple of years ago. The
>> > reception is terrible, it picks up tons of intermod and the antenna
>> > wire has developed a cold solder joint at least 3 times causing
>> > absolutelly abismal reception for a few days before I realized the
>> > problem. The cold solder joint apparently occoured because of the
>> > vibration of being in the car. So after many trips to the radio store
>> > to have it repaired and complain about my problems I have finally come
>> > to the conclusion that the BC200XLT is a piece of junk. Convince me
>> > otherwise!!! In the meantime I will continue to use my RS Pro43 which
>> > has excellent reception and very little Intermod. Please give me your
>> > opinion!!
>
>Well for the price it's just the best around. It's cell restorable too.
>I just can't afford an AOR1000 or things like that. For a casual
>scanninst(like myself) it offers everything I need. It is a little noisy
>and picks up intermod alot but for $189.00 I couldn't really get anything
>else. Anyone have a AOR1000 they want to donate??

The 200XLT isn't suited for city life, due to intermod, whereas the PRO-43 is.
The PRO-43 is the *only* scanner less than $400 with triple conversion.
Supposedly the 200XLT is more sensitive than the PRO-43, so you could
say the 200XLT is better suited for a small town, and the PRO-43 wins hands
down in large cities.

Also the 200XLT has the wrong freq. spacing when restoring cellular,
whereas the PRO-43 has the correct 30khz spacing when restored cellular.

I picked up a used PRO-43 at a pawn shop for $175 !!! I like it.

--

| There are two types of people in this world, those who separate |
| people into groups,and those who don't. copeland@metronet.com|

7194. Palm Beach Freq's

Newsgroup: rec.radio.scanner
Date: 1994-12-22 03:00:14 UTC
From: KIT <73773.2436@CompuServe.COM>
Message-ID: <3daq3u$i9k$1@mhadf.production.compuserve.com>
Source record: 263814
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hi everyone.
Sorry if this has already been answered but I am now on vacation
and my current newsreader is not finding the my last posting.

Does anyone have the Palm Beach County and Cities of Palm Beach
and West Palm Beach Police and Fire Frequencies? If so, could
you please post them (again?) Thanks... Happy Holidays!

7195. Re: garbage BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-22 03:29:41 UTC
From: RHASKE41@MAINE.MAINE.EDU
Message-ID: <94355.222941RHASKE41@MAINE.MAINE.EDU>
Source record: 263798

I've had a BC200XLT for a couple of years now, and it's served me fine. Of course I haven't used manyu other scanners so I don't have a lot to compare it with, but I like it, and I guess that's all that really matters. I'd recommend it.

-Ryan
=====================================
Ryan Haskell | rhaske41@maine.maine.edu
===
"Don't admit to a goddamn thing. Make them prove it."
-George Washington Hayduke

7196. BC200XLT cell freq mod

Newsgroup: rec.radio.scanner
Date: 1994-12-22 03:38:55 UTC
From: RHASKE41@MAINE.MAINE.EDU
Message-ID: <94355.223855RHASKE41@MAINE.MAINE.EDU>
Source record: 263799

Here's the modification instructions for the BC200XLT scanner,
good luck!

-Ryan
==========
The following was received from Grove Enterprises with my friend's
BC200XLT.

.....

BC200/205XLT CELLULAR RESTORATION

Note: It is unlawful to monitor cellular telephone conversations. It is possible to monitor signals from the deleted ranges even without conversion. Simply add 21.7 MHz to the deleted frequency and enter the higher (image) frequency. Reception is virtually identical in strength to that which would be heard on the deleted frequency.

The frequencies deleted at the factory may be restored, but the procedure must not be attempted by anyone unfamiliar with electronic circuitry. Grove Enterprises assumes no liability for damage caused by this procedure. The modification will void your warranty.

TOOLS REQUIRED: Small Phillips screwdriver, small wire cutters.

1. Slide off the battery pack and remove the antenna from the scanner.

2. Using a small Phillips screwdriver, remove the two screws from the back of the scanner, the two screws which hold the battery retaining spring at the base and the spring itself.

3. Carefully pry the bottom of the rear cover from the radio and remove the cover.

4. Locate the two small screws at the base of the circuit board and remove them. Gently pull the front panel from the mainframe at the base and separate them.

5. Locate the (64 pin quad flatpack) microprocessor IC labelled "UNIDEN UC-1147" and the 10k ohm (surface-mount type) leadless resistor positioned above the letters "DEN" on the IC.

6. Using miniature wire cutters, cut the resistor body in two without disturbing anything else near it. If the left solder pad comes loose, it may be peeled from the board. Brush or blow away any residue. This completes the restoration. This may sound too simple, but yes, that's all there is to it.

REASSEMBLY

7. Insert the top of the front panel into the slot under the volume/squelch control panel and, noting carefully the alignment of the dual inline connector at the bottom of the board with the mating socket, press the front panel firmly into place. Be sure that the holes at the bottom of the circuit board line up with the holes in the plastic standoffs below them. Insert the two screws and gently tighten them.

8. Replace the back cover by inserting the top of the cover into the slot under the volume/squelch control panel; press the cover into place, insert and tighten the screws.

9. Reposition the battery retaining spring (slotted side toward notched hole), insert the two remaining screws and gently but securely tighten them.

10. Slide the battery pack into place; switch the scanner on to make sure the display comes on. If not, the battery is discharged or the dual-inline connector was misaligned during assembly (see step 7).

Assuming the display comes on, press: MANUAL, 845.0, E; within two seconds, the frequency 845.000 should appear on the display.

Cut this resistor
|
V
[*10k*] [ ]

I I I I I I I I I I I I I I I I I I
= =
= =
= =
= =
= U N I D E N =
= =
= =
= =
= =
= U C - 1 1 4 7 =
= =
= =
= =
I I I I I I I I I I I I I I I I I I

.....

==========
Ryan Haskell | rhaske41@maine.maine.edu
==========
"Don't admit to a goddamn thing. Make them prove it."
-George Washington Hayduke

7197. Re: Pro 43 mod help needed

Newsgroup: rec.radio.scanner
Date: 1994-12-22 04:22:11 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Dec21.232211@hnrc.tufts.edu>
Source record: 263803

In article <42898@dog.ee.lbl.gov>, mattho@goanna.lbl.gov (Matt Ho) writes:
>
> BTW, how can I tell whether my scanner is modifiable or not?

A in serial number = no
no A in serial number = yes

7198. Re: garbage BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-22 04:28:14 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D17332.KLv@nntpa.cb.att.com>
Source record: 263815
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3dal1d$scm@fohnix.metronet.com>,
Charles Copeland <copeland@fohnix.metronet.com> wrote:

>The PRO-43 is the *only* scanner less than $400 with triple
>conversion.

The new, lower cost Radio Shack PRO-62 portable uses up conversion and
is triple conversion, too. I found it a little better than
the PRO-43 in handling strong signals although both models
are very good in this regard.

It doesn't cover military air nor the cellular bands.

PS - Except for receiving images and being difficult to conceal,
the Uniden/Bearcat 200xlt is a great radio. It has better audio, a
larger and better lit display, and a more solid case than
the Shack PRO-43. The PRO-43 battery system is more flexible
because it can be powered by ordinary AA alkaline cells.

If you get at least one of each model, the question of which one
to buy is rendered moot :-)
--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

7199. Miami Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-22 04:28:28 UTC
From: lclaman@pipeline.com
Message-ID: <3dav9c$jch@pipe1.pipeline.com>
Source record: 263807

Can someone post or send me a frequency listing
for Miami, FL with police & fire frequencies?

Thanks in advance!
-Larry
lclaman@pipeline.com

7200. Re: Santa Cruz CA freqs.

Newsgroup: rec.radio.scanner
Date: 1994-12-22 04:29:01 UTC
From: DPalmer@ix.netcom.com
Message-ID: <3davad$p4h@ixnews1.ix.netcom.com>
Source record: 263804

In <3clk3b$m5p@darkstar.UCSC.EDU> spek@cse.ucsc.edu (Jas Sandhu) writes:

>
>anybody have any??

Here are some city and county frequencies for Santa Cruz.

Santa Cruz

Santa Cruz Boardwalk Security Operations 154.5400
Santa Cruz Fire F1 Fire Primary & Medic Green 154.3250
Santa Cruz Fire F2 Fireground Valley Yellow 154.1900
Santa Cruz Fire F3 Fireground Coastal Blue 154.4150
Santa Cruz Fire F4 Fire Mutual Aid White 154.2800
Santa Cruz Police F1 Police Primary Blue 154.7700
Santa Cruz Police F2 Police Tactical Green 155.0700
Santa Cruz Police F3 Police Mutual Aid White 154.9200
Santa Cruz Police F4 Police Tactical Yellow 155.8800
Santa Cruz Police F5 Police Countywide Mutual Aid Red 154.9500
Santa Cruz Police F6 Police Mutual Aid 155.4750
Santa Cruz County Ems F1 Medic Dispatch 154.3250
Santa Cruz County Ems F2 Medic-Hospital 155.3850
Santa Cruz County Ems Med 1 Fremont Peak 463.0000
Santa Cruz County Ems Med 2 Mount Toro 463.0250
Santa Cruz County Ems Med 3 Empire Grade 463.0500
Santa Cruz County Ems Med 8 Mount Toro Backup 463.1750
Santa Cruz County Ems Med 9 Santa Cruz Dispatch 462.9500
Santa Cruz County Ems Santa Cruz Community Hospital 155.3850
Santa Cruz County Ems Santa Cruz Dominican Hospital 155.3850
Santa Cruz County Ems Santa Cruz Santa Cruz Ambulance 47.6600
Santa Cruz County Ems Watsonville A-1 Ambulance 155.1600
Santa Cruz County Ems Watsonville Watsonville Community Hospital
155.3850
Santa Cruz County Fire Bonny Doon VFC - CDF 151.3700
Santa Cruz County Fire Boulder Creek FPD & Medic Boulder Creek Mobile
Extenders 460.6250
Santa Cruz County Fire CA Department of Forestry Felton 151.3700
Santa Cruz County Fire Comm Center Mount Bielawski-Santa Cruz Link
453.3875
Santa Cruz County Fire Davenport VFC - CDF Davenport 151.3700
Santa Cruz County Fire F1 Fire & Medic Primary Red 154.3250
Santa Cruz County Fire F2 Fireground Valley Yellow 154.1900
Santa Cruz County Fire F3 Fireground Coastal Blue 154.4150
Santa Cruz County Fire F4 Fire Mutual Aid White 154.2800
Santa Cruz County Fire F5 Fire East Primary Green 154.4450

Santa Cruz County Fire F6 Fireground South Black 154.0550
Santa Cruz County Fire F7 Fire Mutual Aid 154.2650
Santa Cruz County Fire F8 Fire Mutual Aid 154.2950
Santa Cruz County Fire Felton FPD & Medic Mobile Extenders 453.7625
Santa Cruz County Fire Las Cumbres VFC - CDF 151.3700
Santa Cruz County Fire Lockheed MSC FD Empire Grade 153.2000
Santa Cruz County Fire Monterey Bay VFC - CDF Sunset Beach 151.3700
Santa Cruz County Fire Paradise Park VFC - CDF Santa Cruz 151.3700
Santa Cruz County Fire Uc Santa Cruz FD 154.1300
Santa Cruz County Sheriff CHP Tactical 154.9050
Santa Cruz County Sheriff Comm Center Mount Bielwaski-Santa Cruz
Link
458.3875
Santa Cruz County Sheriff Detention Jail Security 155.3100
Santa Cruz County Sheriff F1 County Comm Operations Primary Blue
155.5650
Santa Cruz County Sheriff F2 Police Mutual Aid White 154.9200
Santa Cruz County Sheriff F3 Police Countywide Mutual Aid Red
154.9500
Santa Cruz County Sheriff F4 Operations Tactical Orange 156.0300
Santa Cruz County Sheriff F5 Operations Tactical 30 Green 155.0700
Santa Cruz County Sheriff F6 Police Fire Common Black 154.0550
Santa Cruz County Sheriff F7 Police Mutual Aid Direct 154.9500
Santa Cruz County Sheriff F8 Operations Primary Direct 155.5650
Santa Cruz County Sheriff F9 Police Capitola Blue 155.6250
Santa Cruz County Sheriff F10 Police Santa Cruz Blue 154.7700
Santa Cruz County Sheriff F11 Police Scotts Valley Blue 155.0850
Santa Cruz County Sheriff F12 Police Watsonville Blue 154.8450
Santa Cruz County Sheriff F13 Police UC Santa Cruz 155.5050
Santa Cruz County Sheriff F14 Police Cabrillo College 156.0900
Santa Cruz County Sheriff F15 Sheriff Search & Rescue 155.1600
Santa Cruz County Sheriff Patrol Mobile Extenders 155.0100
Santa Cruz County Sheriff Police Mutual Aid 154.9200
Santa Cruz County Sheriff Police Mutual Aid 154.9350
Santa Cruz County Sheriff Santa Cruz S & R Jeep Posse 155.2350
Santa Cruz County Sheriff Sccnet Operations Direct 154.6800
Santa Cruz County Sheriff Sccnet Operations Primary 154.6800
Santa Cruz County Sheriff Sheriff Explorer Post 613 155.2650
Santa Cruz County Sheriff Tactical Green 154.6650
Santa Cruz County Sheriff Tactical Yellow 154.6950

--

David Palmer DPalmer@ix.netcom.com
"Oh aint it good when things are going your way, hey! hey!"

7201. Re: cellular phones

Newsgroup: rec.radio.scanner
Date: 1994-12-22 04:32:07 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Dec21.233207@hnrc.tufts.edu>
Source record: 263816
Cross-posted to: rec.radio.scanner,alt.2600

In article <3dajhs$egd@agate.berkeley.edu>, hh@xcf.Berkeley.EDU (Eric Hollander) writes:
>
> here's my question: what freqs do cell phones use? are there any mobile
> hams that can receive in those freqs? i understand that scanners are now
> blocked out of those freqs. are some still available which can be modified
> for this? are there hams which can be modified for this?

Unfortunately, since most amateur radios can scan, they are covered by ECPA,
too.

Can't help you with mobiles. Most companies had HTs that could be modified for
extended receive and you may find some still on the shelves. Some require
hardware mods (Yaesu, Alinco?, Kenwood?); some have software mods (Standard,
Icom). Some (e.g., Yaesu) have only 12.5kHz steps in the forbidden zone;
others (e.g., Standard) have a step size that is a factor of 30kHz, such as
10kHz; others (e.g, Icom) have a true 30kHz step. Out-of-band reception
has a reputation for being awful with the supplied antenna, but my Standard
558A with its antenna is just as good as my PRO-43 with its antenna.

Otherwise, HTs make lousy scanners, but they can do quite well it you want
to monitor one or two channels.

7202. Re: Frequencies for the state

Newsgroup: rec.radio.scanner
Date: 1994-12-22 04:37:00 UTC
From: brian.parker@nohobbs.org
Message-ID: <941221210812393@nohobbs.org>
Source record: 263805

PH-{does anyone know where I can find any online? I'm looking for highway patro
-{d other state frequencies.

The best place I can suggest is two books

Monitoring America or
Government Radio Systems - Golden Gate Area

You can get both at HRO just off Lawarance Expressway between
Scott and the 101.
---
* QMPro 1.51 * But, boss, this IS part of my job!

7203. Re: discone from Radio Shack

Newsgroup: rec.radio.scanner
Date: 1994-12-22 04:38:59 UTC
From: DPalmer@ix.netcom.com
Message-ID: <3davt3$p90@ixnews1.ix.netcom.com>
Source record: 263806

In <ncschult.788044951@mars.acs.oakland.edu>
ncschult@mars.acs.oakland.edu (N C Schultheiss) writes:

>
>
>A friend of mine gave me his R.S. dicone because it diden't work for
>him. I mounted it under another antenna (Mon 58) and the reception was
>great. UNTIL I removed the Mon 58, I coulden't pick up half of what I
>use to with just the discone. I think I've created some kind of ground
>plane antenna by mounting the discone under the Mon 58.
>
> THE R.S. DISCONE BY ITS SELF IS JUNK
>
>
> Neil
>
>Disclaimer: my experience, my opinion.
>
>

I have very good reception with an RS Discone. Mounted on the chimney,
fed with 85' of RG6 with 2 adaptors at each end and an attenuator switch
box. It gets low band-CHP ok, Cordless phones for 5 blocks. VHF is it's
prime, I get SF Bay area (120 miles away) and a McDonalds' that's 7
miles away.
UHF range is about 20 miles over the mountains, 50 miles over the water.
800 range is about the same as UHF.
I often need to kick in 10-20db of the attenuator to shut up a sheriffs'
department that is 120 miles away and is on the same frequency as a
local PD.
Next experiment is to build or buy an antenna to point toward Oakland
CA, they used to be a favorite to monitor when they were on VHF, but
they went to a trunked 800 system, and I was interested in trying to
monitor a trunked system.

--

David Palmer DPalmer@ix.netcom.com
"Oh aint it good when things are going your way, hey! hey!"

7204. FRESNO Scanner freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-22 05:49:45 UTC
From: Bob Ross <rrross@delphi.com>
Message-ID: <RQ21P1B.rrross@delphi.com>
Source record: 263809

Can anyone in the Fresno area supply me with an up-to-date list of "typical" scanner freqs? Bought a scanner for my sister in Fresno and would like to supply a "working" list of freqs for her for xmas.

Thanks in advance......

Please upload to my mail box ....rrross@delphi.com

7205. mods for 890xlt

Newsgroup: rec.radio.scanner
Date: 1994-12-22 06:17:00 UTC
From: dan.nicholson@woodybbs.com
Message-ID: <93.1450.7592.0NFB829A@woodybbs.com>
Source record: 263882

Anyone have the mods for the Bearcat 890xlt?
If so drop me a line here

Thanks

DAN

---
* Origin: The Shop ** Columbia, MO ** (314) 449-2710 ** (1:289/39)

7206. Re: Cellular FAQ or FTP

Newsgroup: rec.radio.scanner
Date: 1994-12-22 07:05:14 UTC
From: np2001@aol.com
Message-ID: <3db8fa$cao@newsbf02.news.aol.com>
Source record: 263810

yep, try camelot.usc.edu pub\cellular
lots of goodies in there including a DDI demo and cell phone esn cloning
software

try it and let me know.

neal

7207. Re: US Phonebook on CD-ROM - Help

Newsgroup: rec.radio.scanner
Date: 1994-12-22 07:10:18 UTC
From: np2001@aol.com
Message-ID: <3db8oq$cbr@newsbf02.news.aol.com>
Source record: 263811

i have one for the ressidential listings. it contains about 80 million
listings.for 1994-1995. you can also get a free upgrade. you can search by
name , longitude,
latitude, state, phone number, address,city ,street.
it cost about fifty dollars for the residential listing works on ms-dos
as well as
on windows. the business listing and 800# listing are about$150

7208. ATT 900MHz phone encoding

Newsgroup: rec.radio.scanner
Date: 1994-12-22 08:16:18 UTC
From: ggravier@dagobah.France.Sun.COM
Message-ID: <3dbcki$rta@uk-usenet.uk.sun.com>
Source record: 263812

Does anyone know what kind of voice encoding is used in the ATT 9120 900MHz phone?

Anyone know how to listen to it?

----------=<(Gilles.Gravier@France.Sun.com)>=----------
cout >> DisclaimerMessage // My company doesn't necessarily think what I write!

7209. Re: SCANNING ON PASSENGER

Newsgroup: rec.radio.scanner
Date: 1994-12-22 08:55:49 UTC
From: Boze <boze@shoreline.ca>
Message-ID: <495845@shoreline.ca>
Source record: 263813

>
>
>>NE>>> - The airlines are merely taking precautions when they tell you to
>>NE>>> turn off all electronic equipment during takeoff and landing.
>>NE>>> To my knowledge there has never been an incident concerning th
>Would you really want to take the chance ???
>>To your knowledge - chech with the NTSB and you'll see that many
>>mishaps occur due to 'navigational/radio failure' ie: interference
>>The "precautions" the airlines are taking are based on these reports.
>
>I would not say that they are "merely taking precautions.." They are
>complying with Federal Aviation Regulation (FAR) part 91.21.
>
>I have a standing offer to anyone that wants to see the text of FAR 91.21 and
>FAA Advisory Circular 91.21-1. I can e-mail it to you (it's not that big). I
>would post it here for everyone but my cheap reader won't let me import text
>files for posting. Maybe someone else can do it.
>
>
>
>Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
>KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

7210. Re: uniden 900 mhz phone

Newsgroup: rec.radio.scanner
Date: 1994-12-22 11:52:11 UTC
From: sbradley@sgb.oau.org
Message-ID: <D17nn0.72D@sgb.oau.org>
Source record: 263817

DavidK5047 (davidk5047@aol.com) wrote:
: Your Uniden cordless phone transmits in spread spectrum mode and is
: unlikely to be detected by a standard scanner or frequency counter. In
: brief, spread spectrum uses dozens of channels per second (at least) and
: the amount of power transmitted on any one channel at any one time is to
: low to be detected by standard equipment.

How did this device (with apparently no specific frequencies or limits) get
FCC approval? Sounds like some illegal import from Japan.

Steven
--
Steven G. Bradley | The Forest City Exchange | H) 407/862-7226
System Administrator | Forest City, Florida | W) 407/578-8007 x1196
| (407) 862-8088 or (407) 788-8088 | steven@gate.net
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | sbradley@netcom.com

7211. terminals

Newsgroup: rec.radio.scanner
Date: 1994-12-22 13:00:00 UTC
From: charly@xmission.com
Message-ID: <3dbt8g$a08@xmission.xmission.com>
Source record: 263819

```
Does anyone know what the frequency of the Union Pacifics
OBT (On Board Terminals) are?
-thanks Charly
```

7212. Re: UNlisted Freq's?

Newsgroup: rec.radio.scanner
Date: 1994-12-22 13:10:24 UTC
From: jbrooker@ic.net
Message-ID: <3dbts0$egq@condor.ic.net>
Source record: 263831
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In this area, there are police departments using UW (utility company) frequencies for police purposes. Those frequencies are not shown in Police Call.

Three cities using those frequencies are Berkley, Clawson and Royal Oak, MI. Berkley uses a UW class frequency as its main channel. Clawson uses it as a secondary.

I just happened to stumble across these channels while mapping out what the utility companies in my area were using.

: > > I might note that some time ago, a poster mentioned that in at least one
: > > case, the PD was using a frequency licensed to an individual police
: > > officer. That way, it doesn't show up on the public records as anything
: > > that would attract attention, unless you knew the names of all the cops in

7213. KY Scanner Law

Newsgroup: rec.radio.scanner
Date: 1994-12-22 13:16:38 UTC
From: fa419@cleveland.Freenet.Edu
Message-ID: <3dbu7m$i40@usenet.INS.CWRU.Edu>
Source record: 263818

I've read on the Net and in current scanner books the following:

In Kentucky:

1. The ordinary citizen is not allowed to have a scanner it his/her car.

2. Ham Radio operators are not exempt from this rule.

3. Police may be able to destroy a scanner found in a car on the spot. (Net)

I looked up the Kentucky statute and what I found seems to cleary debunk numbers 2 and 3 from above. If someone has another statute (Is that how you spell it?) to reference or anything else pertaining I'd like to hear it but,

KRS 432.570 part (4) sez:

(4) Nothing contained in this section shall prohibit the possession of a radio by:
a) An individual who is a retailer or wholesaler and in the ordinary course of his bussiness offers such radios for sale or resale:
b) A commercial or educational radio or television station, licensed by the FCC, at it's place of business; or
c) An individual who possesses such a radio, provided it is capable of receiving radio transmissions only and is not capable of sending or transmitting radio messages, at his place of residence; licensed commercial auto towing trucks; newspaper reporters and photographers; disaster and emergency services personnel authorized in writing by the state director of disaster and emergency service (for state personnel) or chief executive of the city or county (for their respective personnel); a person holding a valid license issued by the FCC in the amateur radio service;...

I seems clear to me that an ordinary citizen cannot have a scanner in their car, but a Ham radio operator is exempt. Also, concering the possibility of Police destroying scanners, (*without quoting directly*) part 3 of this section says that it'
(*darn! :) *) it's the duty of law enforcement to seize scanners in violation of the section, but that it's up to the courts to "destroy, forfeit, or escheat (take)" the scanner.

(*One interesting note: After the section there is an area of "Notes on decisions and opinions which contains:
"OAG 89-11 A tape recording of police radio transmissions on a given frequency, is a public record."

Any opinions as to the practical meaning of this?*)

Mike

7214. Scanning on aircraft

Newsgroup: rec.radio.scanner
Date: 1994-12-22 13:33:46 UTC
From: garyg@wimsey.com
Message-ID: <19941222.3F9338.C7B1@wimsey.com>
Source record: 263833

After seeing many postings about this subject, I am adding something for all to consider in relation to the following that was extracted from Yet Another Followup (YAF?).

> >NE>>> I find it hard to believe considering:
> >NE>>> - Scanners do not transmit and the amount of RF that they
> >NE>>> could emit is regulated to pass FCC regulations before
> >NE>>> product release

The above is true in all cases when the scanner is preforming as it was designed to do.

For safety of all when flying, the regulations are also considering that there could be unintentional transmissions from any device that can generate r.f. energy especially in the aircraft operations band.

Follow this example - I recently got a new AR8000 scanner which I am very happy with. There is one problem I encountered which I assumed was being caused by an image from something at the nearby airport (YVR). The "image" was clobbering one of the local police frequencies (143.685 Mhz) and of course, when it happened, scanning stopped. So my answer to this was to skip this channel most of the time.

Last week, I went to talk to the people where I purchased the scanner and decided to check this frequency with another scanner. It had no interference yet mine did. I then tried another AR8000 (luckily there was actually one in the showcase) and it had no interference either.

I then moved mine closer to the other scanners and when it got within a foot or so of the others, the other scanners broke squelch. We did some checking and found my AR8000 was actually transmitting a weak signal. The signal started as soon as my scanner was turned on so I'm assuming it's probably associated with the computer rather than with the scanner section of the radio.

So here's a case of a new scanner type which passed all the f.c.c. qualifications but, because of a fault, is generating interference. It is entirely possible there could be signals generated in the aircraft band also (in the range of 108-130 Mhz).

For those who feel it's their right to ignore the air regulations and use their scanners whenever they wish, just consider the fact that given the right conditions, their scanner CAN transmit. Yes, the odds are that it isn't transmitting (right now) but do we need to change flight safety odds unnecessarily?

By the way, the Canadian distributor is going to exchange scanners
for me when they get more in stock.
--
Gary Gagnon, Vancouver BC, Canada

Some day this .signature might actually be worth reading

7215. OmniTRACS system detailed in Wired (Jan 95)

Newsgroup: rec.radio.scanner
Date: 1994-12-22 13:52:00 UTC
From: Harold G Peach Jr <hpeach@pop.uky.edu>
Message-ID: <3dc0a0$1vq@convex.cc.uky.edu>
Source record: 263824

I have just finished reading about Qualcomm Inc.'s OmniTRACS system
in the January, 1995 issue of Wired. This is the system that allows
trucking companies to communicate with and track their trucks using
satellite. It is a good article, but does not give a lot of the
technical details about OmniTRACS. Does anyone know what frequencies
or protocols these things use? Is the stuff out there to monitor them?

Harold
hpeach@pop.uky.edu

7216. Re: US Phonebook on CD-ROM - Help

Newsgroup: rec.radio.scanner
Date: 1994-12-22 14:45:11 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3dc3dn$dmq@umcc.umcc.umich.edu>
Source record: 263823

I had Pro-Phone for a night and found most data is 5 years old or older. I called and was told to hang in there, the 94 edition was about 50% accurate. I asked if it was worth a 50% discount, we went back and forth and she told me if I was that un-happy to take it back. I did the next morning and the store said they had many returned to them. I now use 70 million households and 11 million business's by American Business Information. Each are under $30 and are far more accurate than the trying to get money from customers to develop the software deal.
Les

7217. Re: rec.radio.scanner

Newsgroup: rec.radio.scanner
Date: 1994-12-22 14:57:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.3103.3415@the-boss.com>
Source record: 263821

TO : steven@gate.net

SGB>I've never heard of anyone failing to import them successfully. Use either
SGB>Atlantic or Javiation (Canada and UK respectively). You are permitted to

Steven: If you will, please e-mail Atlantic (Canada) address.
Thank you,

-> dominic.post@the-boss.com <- -> f309.n2604.z1.fidonet.org <-
-> Now and Forever, The Past is Prologue <- -> Ridgefield,NJ <-
---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

+---+
Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com

___ __ _ __ __ __ _ _ __
| |__| |_ |_) | | |__ |__ |_) |_) |__
| | | |__ |_) |__| __| __| |_) |_) __|
+---+

7218. Ramsey

Newsgroup: rec.radio.scanner
Date: 1994-12-22 14:57:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.3102.3415@the-boss.com>
Source record: 263822

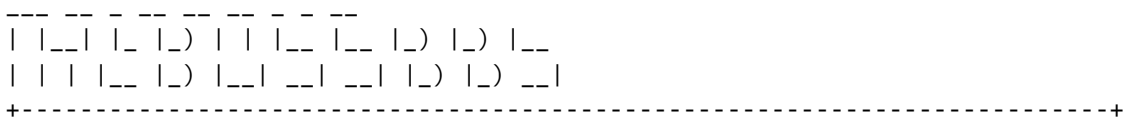
TO : dctrhappy@aol.com

DC> How can I obtain a catalog from Ramsey? Anyone have a phone # or
DC>something? Thanks.

DC: Ramsey
716-924-4560 (Order line 1-800-446-2295)
793 Canning Parkway
Victor, New York 14564-8924

-> dominic.post@the-boss.com <- -> f309.n2604.z1.fidonet.org <-
-> Now and Forever, The Past is Prologue <- -> Ridgefield,NJ <-
---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

+--+
Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com



+--+

7219. Re: US Phonebook on CD-ROM - Help

Newsgroup: rec.radio.scanner
Date: 1994-12-22 15:17:35 UTC
From: miltf@ux1.cso.uiuc.edu
Message-ID: <3dc5af$7jc@vixen.cso.uiuc.edu>
Source record: 263826

Pro Phone is one of the worst products I have seen. Not only are the listings old, frequently only the female member of the household is listed. Unless you know her name, you won't find the listing. I discussed all this with the publisher and I got the same "if you don't like it, you can return it" attitude. They did indicate the listings are provided by a firm which handles addresses for bulk mailings. I guess there is no correlation with the phone directories.

PhoneDisk, by American Business Information, is so much better. It is more complete (not 100%, however), and more accurate. There are several models, depending on your use. The top of the line is the reverse listing which permits you to search on name, address, phone number, and you can even go up and down the street from a given address to see who lives in all your neighbors houses. I have this set and I am pleased with it. In addition, you can search by type of business and location. Thus, if you want all the McDonalds in Dayton, it will do it. You can find all the McDonalds in the US if you want a lot of reading. It will list all restaurants in a given location, too. (or any other business type).

Watch for slightly outdated versions at drastic reduction in price. The current model runs $150 to $250. One which is up to a year old still has much info which is still current and can be had for around $50 or whatever the seller wants. Also watch for date of issue if you are paying top dollar to be sure you get the current one. ABI sells direct.

Milt Forsberg
Champaign, IL

7220. Re: US Phonebook on CD-ROM - Help

Newsgroup: rec.radio.scanner
Date: 1994-12-22 16:48:29 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D181Cu.16A@nntpa.cb.att.com>
Source record: 263696
Cross-posted to: rec.radio.scanner,alt.radio.scanner

You might wonder what this thread is doing in a scanner newsgroup,
but the phone directory CDROMs are helpful in identifying the
stations you hear and clarifying entries in the FCC license database.

If you hear someone mention a telephone number or address over the air,
you can look it up.

I found some state prisons and correctional facilities our
local expert didn't know about. You can find lots of entries
for Federal Bureau of Inv..., etc.

In article <3dc5af$7jc@vixen.cso.uiuc.edu>,
Milt Forsberg <miltf@ux1.cso.uiuc.edu> wrote:

>....
>PhoneDisk, by American Business Information, is so much better.

I think you made a typo.

PhoneDisc CDROMs are made by DDA (Digital Directory Assistance).
The 11 Million Businesses and 70 bazillion Households mumble CDROMs
are made by ABI.

I've owned both these CDROMs *as well as* ProPhone and
recommend DDA's PhoneDisc products over the others. I have DDA's
latest Phone Disc Power Finder which is fully reverse indexed.
It contains men and women. Many of the women listed aren't
even found in your local paper telephone directory (e.g.,
my wife and sister-in-law). It has both a DOS interface
and a brand new Windows interface with which I'm delighted.

On the other hand, I was *really disappointed* with the ABI 11 Million
mumble disk, which was cumbersome to use, full of restrictions,
limits, and warnings.

--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

7221. Re: Seiko Message Watch

Newsgroup: rec.radio.scanner
Date: 1994-12-22 18:11:43 UTC
From: knauer@ibeam.jf.intel.com
Message-ID: <knauer.788119903@ibeam>
Source record: 263838
Cross-posted to: rec.radio.scanner,alt.toys.hi-tech

In <3cnlrq$4vk@hacgate2.hac.com> Steve Lundquist <0024562@msgate.emis.hac.com> writes:
>Does anyone know any of the technical details for the new Seiko
>MessageWatch? This new watch also acts as a pager which can display
>short text messages or phone numbers, notify you of voice mail waiting,
[...]
>Any idea what frequencies are used regionally to transmit this digital
>data? modulation schemes?

I'm not an owner myself, but people I've spoken to say it uses the FM radio
range (data are broadcast on the subcarrier (if that's the right term) of
a local FM station). It's the same method that non-wireline Muzak and
read-books-for-the-deaf services use.

>The watch and its services has been operational for some time in the
>Seattle area and is just now being activated in the Los Angeles area.

Seattle and Portland were the first markets. I think they're expanding
elsewhere too.

>I'd be interested to hear from folks in Seattle how well the MessageWatch
>works......it seems like a clever idea....

You forgot to mention that they also broadcast time synch every six minutes
or so (which works even if you don't subscribe to the pager service).
Having seen the watch, I definitely prefer other solutions (like PCMCIA
pagers for palmtop/notebook computers) since the watch's screen is VERY
small and the service can't be used anywhere but the city you're in.

Rob
--
Rob Knauerhase (on vacation in Columbus)
[knauer@ibeam.jf.intel.com] Intel Mobile Technology Lab
"It would be quite possible to control a distant computer by means of
a telephone line." -- Alan Turing, 1947

7222. Re: Probably been asked before, but--

Newsgroup: rec.radio.scanner
Date: 1994-12-22 18:53:04 UTC
From: davidk5047@aol.com
Message-ID: <3dchug$h2@newsbf02.news.aol.com>
Source record: 263827

Charging Renewals in your scanner or any standard charger is fine --- that is if you don't mind the resulting explosions.

7223. Re: KY Scanner Law

Newsgroup: rec.radio.scanner
Date: 1994-12-22 18:59:36 UTC
From: MRBECKZ1@ulkyvm.louisville.edu
Message-ID: <17094C4CAS85.MRBECKZ1@ulkyvm.louisville.edu>
Source record: 263828

Mike,

I use my scanner in my car while watching aircraft at Standiford Field
in Louisville, KY. I generally park along the side of several roads that are
at the approach end of the runways. On 3 occassions, I have had
Louisville City Police stop to see if I needed help for car trouble. I told
them no, I was just watching the aircraft. I had my scanner on and in plain
sight. Nothing was ever said about having the scanner in my car.

+--------------------------------------+ :^\ ______ .
| MARTY BECKER INTERNET: MRBECKZ1@ | |__`________-'__:__;\ ___|
| LOUISVILLE, KY ULKYVM.LOUISVILLE.EDU |______`_ ========= |)
| PPL:SEL COMPUSERVE: 74250,2712 | `~~~~~~~~------------'|
+--------------------------------------+ '

In article <3dbu7m$i40@usenet.INS.CWRU.Edu>
fa419@cleveland.Freenet.Edu (Mike Staples) writes:

>
>
>I've read on the Net and in current scanner books the following:
>
>In Kentucky:
>
>1. The ordinary citizen is not allowed to have a scanner it his/her car.
>
>2. Ham Radio operators are not exempt from this rule.
>
>3. Police may be able to destroy a scanner found in a car on the spot. (Net)
>
>I looked up the Kentucky statute and what I found seems to cleary debunk
>numbers 2 and 3 from above. If someone has another statute (Is that how you
>spell it?) to reference or anything else pertaining I'd like to hear it but,
>
>KRS 432.570 part (4) sez:
>
>(4) Nothing contained in this section shall prohibit the possession of a radio
>by:
>a) An individual who is a retailer or wholesaler and in the ordinary course
>of his bussiness offers such radios for sale or resale:
>b) A commercial or educational radio or television station, licensed by the
>FCC, at it's place of business; or
>c) An individual who possesses such a radio, provided it is capable of
>receiving radio transmissions only and is not capable of sending or
>transmitting radio messages, at his place of residence; licensed commercial

>auto towing trucks; newspaper reporters and photographers; disaster and
>emergency services personnel authorized in writing by the state director
>of disaster and emergency service (for state personnel) or chief executive
>of the city or county (for their respective personnel); a person holding
>a valid license issued by the FCC in the amateur radio service;...
>
>I seems clear to me that an ordinary citizen cannot have a scanner in their
>car, but a Ham radio operator is exempt. Also, concering the possibility
>of Police destroying scanners, (*without quoting directly*) part 3 of this
>section says that it'
>(*darn! :) *) it's the duty of law enforcement to seize scanners in
>violation of the section, but that it's up to the courts to "destroy,
>forfeit, or escheat (take)" the scanner.
>
>(*One interesting note: After the section there is an area of "Notes on
>decisions and opinions which contains:
>"OAG 89-11 A tape recording of police radio transmissions on a given
> frequency, is a public record."
>
>Any opinions as to the practical meaning of this?*)
>
>
>
> Mike

7224. Re: SCANNING ON PASSENGER FAQ NEEDED

Newsgroup: rec.radio.scanner
Date: 1994-12-22 19:11:22 UTC
From: 149095@anon.penet.fi
Message-ID: <149095.15.00145838@anon.penet.fi>
Source record: 263863

In article <495845@shoreline.ca> Boze <boze@shoreline.ca> writes:
>From: Boze <boze@shoreline.ca>
>Subject: Re: SCANNING ON PASSENGER
>Date: Thu, 22 Dec 1994 08:55:49 GMT

>>I have a standing offer to anyone that wants to see the text of FAR 91.21
and >>FAA Advisory Circular 91.21-1. I can e-mail it to you (it's not that
big). I >>would post it here for everyone but my cheap reader won't let me
import text >>files for posting. Maybe someone else can do it.
>>

>>Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
>>KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

Maybe Someone should come up with a FAQ on this subject, as there seems to be
a lot of potentially dead scanner users regarding this subject!.

If you don't know how your rcvr works, you are not a radio/scanner hobbiest,
you are simply an eavsdropper with a potentially dangerous toy!

Unless you understand how and why a radio works, and you are completely versed
on Federal Air and Federal Communications Rules and regs, Don't assume
anything concerning RFI and the operations of Aircraft systems. What you
don't know can kill you and maybe a few hundred other people with the
misfortune of being on the same flight.

Just because you don't understand it does not make it safe!

Curtis has half the answer with the FAR. But the real answer is in becoming
educated about these toys we are all so fond of.

:)

7225. FCC databsae codes

Newsgroup: rec.radio.scanner
Date: 1994-12-22 19:16:23 UTC
From: af631@detroit.freenet.org
Message-ID: <3dcja7$nte@detroit.freenet.org>
Source record: 263829

Recently I obtained an FCC DB file for my area, it seems to be "faiirly" accurate. The codes in the SVC, TYPE and EMISSIONS columns are greek to me. Is there a way to figure out these codes ? Here is an example of what I am trying to figure out.

SVC = PP
TYPE = FB2
EMISSIONS = 20KDF3E

Any help would be great.
Thanks in advance
Dennis

7226. Re: BC2500XLT Celular Restore Date OGID?

Newsgroup: rec.radio.scanner
Date: 1994-12-22 19:31:29 UTC
From: jpotts@den.mmc.com
Message-ID: <1994Dec22.193129.1595@den.mmc.com>
Source record: 263832
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Can someone tell me if my BC2500xlt with a date code of OGID can have the cellular coverage restored?

Thanks
J. Potts

7227. Looking for Denver, CO freqs, please repost the Denver freq list from 2 weeks ago.

Newsgroup: rec.radio.scanner
Date: 1994-12-22 19:36:09 UTC
From: johanson@ix.netcom.com
Message-ID: <3dckf9$c0t@ixnews1.ix.netcom.com>
Source record: 263830

Looking for Denver, CO freqs, please repost the Denver freq list from 2 weeks ago if you have a copy.

Thanks, David J.

7228. Request: Frequency for Reno + Squaw ski resort.

Newsgroup: rec.radio.scanner
Date: 1994-12-22 21:43:05 UTC
From: shlee@uclink2.berkeley.edu
Message-ID: <3dcrt9$art@agate.berkeley.edu>
Source record: 263834

Hi,
I'm wondering if anyone can post/e-mail me some frequency for all of
Reno casinos and Squaw ski resort. I'm heading up there for Christmas and
would like to monitor the activities.

thanks in advance,

Sandra.

7229. CB Newsgroup?

Newsgroup: rec.radio.scanner
Date: 1994-12-22 22:09:10 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3dcte6$4o@floyd.santarosa.edu>
Source record: 263835

Yea, hi everyone again....

Is there a newsgroup like this one dedicated to just CB radios? maybe a rec.radio.cb? If anyone knows what it is called would you please let me know?

E-mail me or post here,

Thanks.

John.
jthompso@nermal.santarosa.edu

7230. Re: CB Newsgroup?

Newsgroup: rec.radio.scanner
Date: 1994-12-22 22:28:32 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3dcuig$4o@floyd.santarosa.edu>
Source record: 263836

okay, I found it sorry about that post...

John Thompson (jthompso@nermal.santarosa.edu) wrote:
: Yea, hi everyone again....

: Is there a newsgroup like this one dedicated to just CB radios? maybe a
: rec.radio.cb? If anyone knows what it is called would you please let me
: know?

: E-mail me or post here,

: Thanks.

: John.
: jthompso@nermal.santarosa.edu

7231. PRO-2006s

Newsgroup: rec.radio.scanner
Date: 1994-12-22 22:51:43 UTC
From: grove@mercury.interpath.net
Message-ID: <3dcvtv$lj9@redstone.interpath.net>
Source record: 263837

Grove Enterprises has just found a supply of the cellular restorable
Realistic PRO-2006s. For more information, please call:
1-800-438-8155

Thanks!

Bill

7232. Re: Cellular FAQ or FTP

Newsgroup: rec.radio.scanner
Date: 1994-12-22 23:42:01 UTC
From: stars@netcom.com
Message-ID: <starsD18KI2.E78@netcom.com>
Source record: 263855

Np2001 (np2001@aol.com) wrote:
: yep, try camelot.usc.edu pub\cellular
: lots of goodies in there including a DDI demo and cell phone esn cloning
: software

: try it and let me know.
:

: neal
I tried it and didn't find a cellular directory, or anything related to
cell phones. Maybe they cleaned house. I was interested in cell info
also. Don........
--
Don Babcock stars@netcom.com

7233. Motorola Handhelds - Color code frequencies

Newsgroup: rec.radio.scanner
Date: 1994-12-22 23:59:53 UTC
From: jsoohoo@netcom.com
Message-ID: <jsoohooD18LBt.2AL@netcom.com>
Source record: 263856

Does anyone know the frequencies used for the Motorola line of hand helds used in Private Commmercial sector? I remember they had those color coded (green, red, blue, and orange). Each color had a specific frequency assigned to it. Can someone please either post or email me the frequencies?

Thanks

John

7234. AOR1500

Newsgroup: rec.radio.scanner
Date: 1994-12-23 00:00:04 UTC
From: opp@netcom.com
Message-ID: <oppD18LC4.ABJ@netcom.com>
Source record: 263857

I'd love to hear from other owners of this scanner, upside and down.
E-mail me. Thanks.
--
opp@netcom.com

7235. Re: Cellular FAQ or FTP

Newsgroup: rec.radio.scanner
Date: 1994-12-23 00:03:47 UTC
From: bkunz@boi.hp.com
Message-ID: <D18LIC.1Ax@boi.hp.com>
Source record: 263849

Np2001 (np2001@aol.com) wrote:
: yep, try camelot.usc.edu pub\cellular
: lots of goodies in there including a DDI demo and cell phone esn cloning
: software

: try it and let me know.
:

: neal

There's vitually nothing in camelot.usc.edu, are there other sites?

7236. Re: FCC databsae codes

Newsgroup: rec.radio.scanner
Date: 1994-12-23 00:19:59 UTC
From: HOFFMANMK@CONRAD.APPSTATE.EDU
Message-ID: <3dd53f$4ui@lester.appstate.edu>
Source record: 263851

See below:

In <3dcja7$nte@detroit.freenet.org> af631@detroit.freenet.org writes:

> Recently I obtained an FCC DB file for my area, it seems to be
> "faiirly" accurate. The codes in the SVC, TYPE and EMISSIONS
> columns are greek to me. Is there a way to figure out these
> codes ? Here is an example of what I am trying to figure out.
>
> SVC = PP PUBLIC SAFETY - POLICE
> TYPE = FB2 MOBILE RELAY
> EMISSIONS = 20KDF3E NARROW BAND FM

>
> Any help would be great.
> Thanks in advance
> Dennis
>

7237. Re: *900 Mhz Cordless Phones That You Can Monitor

Newsgroup: rec.radio.scanner
Date: 1994-12-23 00:21:25 UTC
From: ddillon@csulb.edu
Message-ID: <3dd565$3oa@garuda.csulb.edu>
Source record: 263850

DavidK5047 (davidk5047@aol.com) wrote:
: The Sony (SPP-ER1) and Radio Shack (ET-900) 900 mhz cordless phones
: transmit in anolog FM mode --- they can be monitored with a scanner. Does
: anyone know the specific channel allocation and frequency spacing for
: these phones?
: Has anyone been successful in monitoring these phones?

Somewhere between 902 thru 904.999 ... somewhere in there.... do a
search, you.ll find em

7238. Pro-39 outperforming a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-12-23 01:32:32 UTC
From: dvoelker@leland.Stanford.EDU
Message-ID: <3dd9bg$b2@nntp.Stanford.EDU>
Source record: 263843
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Is there any reason a modified Pro-39 should outperform an
unmodified Pro-43 in a frequency range that both can receive (851-869)?
Placed right next to each other, the 39 picks up 5 to 10 times as many
signals as the 43. Could the 869-896 restoration have enhanced the 39's
reception of frequencies outside that range? Or is the 43 (just bought)
a dud? Date code on the 39 is 2A4; the 43 is 4A3.

--
=-=-=-

7239. Barksdale AFB Frequency Problems

Newsgroup: rec.radio.scanner
Date: 1994-12-23 01:59:29 UTC
From: wwhitby@aol.com
Message-ID: <3ddau1$30q@newsbf02.news.aol.com>
Source record: 263853

Last weekend I drove to Barksdale AFB, Louisana to pick up my mother. I took my scanner and punched in all of the listed Security Police and other freqs. I also put in the Air Force trunked channels listed in Monitoring Times. The only frequency that was active was one for maintance. Everything else was silent. I had to stop at the gate to get a pass and I heard the SPs HTs and they were very active.

Something like that has happened at Maxwell AFB in Montgomery, Alabama. What were once active Security Police channels are now dead.

Does anyone have any idea what is going on?

Warren Whitby
wwhitby@aol.com - Home
wwhitby@mcl.lan.bdm.com - Work
73s de KE4ITL

7240. Australian freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-23 01:59:39 UTC
From: lars@tartarus.uwa.edu.au
Message-ID: <3ddauc$4gf@styx.uwa.edu.au>
Source record: 263854

Anyone got the Australian freqs, in specific W.A. ?

--
Lars

I serve the Great Lord of the Dark and none other. Forever!
You will submit to my master - to your master - or you will be made to submit.
Submit, or spend eternity wishing that you had!

7241. New Pro-43 (Modified) for Sale

Newsgroup: rec.radio.scanner
Date: 1994-12-23 02:48:31 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-2212942048560001@net95.metronet.com>
Source record: 263840
Cross-posted to: rec.radio.scanner,rec.radio.swap

Cellular Modified Pro-43 bought about 6 weeks ago from Radio Shack (yes,
they still have them in stock).

Will sell for $325 + shipping. Price is firm. Box/Manual included.

--
Marc B. Grant
marcbg@metronet.com
Amateur Radio N5MEI

7242. Percom Spectrem cdrom (Data errors?)

Newsgroup: rec.radio.scanner
Date: 1994-12-23 03:13:00 UTC
From: Flying Turtle <vic@ping.com>
Message-ID: <3ddf7s$r0p@nntp.crl.com>
Source record: 263858

I have been playing with the percon spectreme
cdrom. Has anyone else noticed errors in its contents?
For instance Dekalb Al and Culman Al are incorrect or incomplete.

Compare it against RS Police Call.

ki4je

7243. Re: PRO-2032 ?

Newsgroup: rec.radio.scanner
Date: 1994-12-23 03:52:23 UTC
From: CMOORE@wpo.csd.scarolina.edu
Message-ID: <CMOORE.224.0@wpo.csd.scarolina.edu>
Source record: 263860

In article <3cvauv$cn1@crl5.crl.com> kurth@crl.com (Kurt Haripar) writes:
>From: kurth@crl.com (Kurt Haripar)
>Subject: PRO-2032 ?
>Date: 17 Dec 1994 10:34:07 -0800
>The local RS has the PRO-2032 on sale for $200 as long as they last.
>
>Is this a good price for this model ?
>
>Is this model capable of picking up celluar freqs or mod for celluar ?
>
> thanks,
> kurt
>
I bought one yesterday for $189.95...they are discontinued so get them while
you can...

My opinions are probably my own. I used to be decisive, now I'm not so sure.

Pentium - When you need answers really fast, but don't care if they're right!

Write to Live; Live to Write...

7244. Re: Motorola Handhelds - Color code frequencies

Newsgroup: rec.radio.scanner
Date: 1994-12-23 04:17:16 UTC
From: tharrell@nmsu.edu
Message-ID: <3ddj0c$qg5@dns1.NMSU.Edu>
Source record: 263861

John Soo-Hoo (jsoohoo@netcom.com) wrote:
: Does anyone know the frequencies used for the Motorola line of hand helds
: used in Private Commmercial sector? I remember they had those color coded
: (green, red, blue, and orange). Each color had a specific frequency
: assigned to it. Can someone please either post or email me the
: frequencies?

This is a list I've compiled. Hope it helps.

Dot/Star Frequencies

151.625 Red Dot
151.995(?) Purple Dot
154.570 Blue Dot (lp)
154.600 Green Dot (lp)
462.575 White Dot (GMRS)
462.625 Black Dot (GMRS)
462.675 Orange Dot (GMRS)
464.500 Brown Dot (itinerant)
464.550 Yellow Dot (itinerant)
467.7625 J Dot (lp)
467.8125 K Dot (lp)
467.850 Silver Star (lp)
467.875 Gold Star (lp)
467.900 Red Star (lp)
467.925 Blue Star (lp)
--
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5KTO Beware of geeks bearing .gifs... |
| The Second Amendment is the '...and we're not kidding!' clause |

7245. Re: Barksdale AFB Frequency Problems

Newsgroup: rec.radio.scanner
Date: 1994-12-23 04:27:08 UTC
From: tharrell@nmsu.edu
Message-ID: <3ddjis$qg5@dns1.NMSU.Edu>
Source record: 263862

Wwhitby (wwhitby@aol.com) wrote:
: Last weekend I drove to Barksdale AFB, Louisana to pick up my mother. I
: took my scanner and punched in all of the listed Security Police and other
: freqs. I also put in the Air Force trunked channels listed in Monitoring
: Times. The only frequency that was active was one for maintance.
: Everything else was silent. I had to stop at the gate to get a pass and I
: heard the SPs HTs and they were very active.

: Something like that has happened at Maxwell AFB in Montgomery, Alabama.
: What were once active Security Police channels are now dead.

: Does anyone have any idea what is going on?

Maybe they've gone to a trunked system. Some federal agencies are now using
trunked systems in the low 400MHz band. Here are some frequencies straight
out of _Police Call_:

Group 1: Group 2: Group 3: Group 4:
406.350 406.750 406.550 406.950
407.150 407.550 407.350 407.750
407.950 408.350 408.150 408.550
408.750 409.150 408.950 409.350
409.550 409.950 409.750 410.150

Not sure that that's why, but it is worth a shot.
--
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5KTO Beware of geeks bearing .gifs... |
| The Second Amendment is the '...and we're not kidding!' clause |

7246. Re: Pro-39 outperforming a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-12-23 04:28:44 UTC
From: copeland@fohnix.metronet.com
Message-ID: <3ddjls$bu1@fohnix.metronet.com>
Source record: 263841
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3dd9bg$b2@nntp.stanford.edu>,
David Voelker <dvoelker@leland.Stanford.EDU> wrote:
> Is there any reason a modified Pro-39 should outperform an
>unmodified Pro-43 in a frequency range that both can receive (851-869)?
>Placed right next to each other, the 39 picks up 5 to 10 times as many
>signals as the 43. Could the 869-896 restoration have enhanced the 39's
>reception of frequencies outside that range? Or is the 43 (just bought)
>a dud? Date code on the 39 is 2A4; the 43 is 4A3.

The PRO-39 picks up more *images* up there from the blocked out cellular
band. The PRO-43 is working *better* than the PRO-39 because it has
triple conversion vs. double conversion.

The PRO-43 is better because there are legitimate ground transmission in
that area you will here when they are there. The PRO-39 will never hear
them since they are imaged over with nearby cellular transmissions.

Of course, if you have a unmodifiable PRO-43 and you want to hear
cellular, your want the poorer performing PRO-39 with its imaging.

--

| There are two types of people in this world, those who separate |
| people into groups,and those who don't. copeland@metronet.com|

7247. Re: US Phonebook on CD-ROM - Help

Newsgroup: rec.radio.scanner
Date: 1994-12-23 05:02:47 UTC
From: miltf@ux1.cso.uiuc.edu
Message-ID: <3ddlln$hta@vixen.cso.uiuc.edu>
Source record: 263839
Cross-posted to: rec.radio.scanner,alt.radio.scanner

My apoligies to the group. Digital Directory Assistance does produce PhoneDisc and ABI does not. I had the right name, wrong publisher.

Milt

7248. Re: discone from Radio Shack

Newsgroup: rec.radio.scanner
Date: 1994-12-23 05:31:47 UTC
From: dctrhappy@aol.com
Message-ID: <3ddnc3$4j3@newsbf02.news.aol.com>
Source record: 263842

I've realized that affixing a loband specific attenna to the top of the discone antenna helps quite a bit since RS discone has no vertical element. (a helpful net-surfer just filled me in with this)

7249. Re: Best Antenna ?

Newsgroup: rec.radio.scanner
Date: 1994-12-23 08:45:49 UTC
From: Italian Stallion <ape@delphi.com>
Message-ID: <JyzX31d.ape@delphi.com>
Source record: 263864

I am using the ground plane type all band ant. from radio shack -model 20-014
and it does a GREAT JOB!! I also tried the more expensive ones that cost like
59 or 69 dollars and they have half the recieve that this $29.95 from radio
shack has , If it broke or blew down i would replace it with the same, hint--
if you buy this one d
o your self a favor and on the horizontal elements that goes into the base add
a dowel rod the size of the inter diameter if the three horizontal elements
E-Mail me if you have futher questions, APE

7250. Re: *900 Mhz Cordless Phones That You Can Monitor

Newsgroup: rec.radio.scanner
Date: 1994-12-23 09:18:30 UTC
From: Nickolas <nickolas@gate.net>
Message-ID: <Pine.A32.3.90.941223041540.18406B-100000@hopi.gate.net>
Source record: 263865

On 20 Dec 1994, DavidK5047 wrote:

> The Sony (SPP-ER1) and Radio Shack (ET-900) 900 mhz cordless phones
> transmit in anolog FM mode --- they can be monitored with a scanner. Does
> anyone know the specific channel allocation and frequency spacing for
> these phones?
> Has anyone been successful in monitoring these phones?
>
> PS: I only wish this information for academic purposes and would never,
> never, never, ever, ever, ever monitor cordless telephone calls.
>
>

Hello,

I have a Sony SSP-ER1, and you will find this phone between
927-928 mhz. Not sure about the step but its a short span :)

```
]=-=-=-=[NAME]-=-=-=-=-=][-=-=-=-=[EMAIL]=-=-=-=-=-=-=-=-=[
] Nickolas Toth ][ Internet: Nickolas@gate.net [
] CyberJunkie BBS ][ MajorNet: Sysop@CJB [
] 305.720.8230 ][ WorldLink: Sysop@CJ [
]=-=-=-=-=-=-=-=-=-=-=-=-=][-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=[
] E-Mail to wl-info-cj@society.com for more information [
] about the BBS, or just for some Scanner Frequencies! [
] For a complete list of files put INDEX in the Topic [
]=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=[
```

7251. Are there Pro 51 mods ?

Newsgroup: rec.radio.scanner
Date: 1994-12-23 12:39:24 UTC
From: baddog4211@aol.com
Message-ID: <3degds$66o@newsbf02.news.aol.com>
Source record: 263866

Please E-mail if you have any mods for the Pro 51...Thanks in advance..

7252. Re: Pro-39 outperforming a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-12-23 14:13:44 UTC
From: schuster@panix.com
Message-ID: <3deluo$3ii@panix3.panix.com>
Source record: 263844

In article <3dd9bg$b2@nntp.Stanford.EDU>,
David Voelker <dvoelker@leland.Stanford.EDU> wrote:
> Is there any reason a modified Pro-39 should outperform an
>unmodified Pro-43 in a frequency range that both can receive (851-869)?
>Placed right next to each other, the 39 picks up 5 to 10 times as many
>signals as the 43. Could the 869-896 restoration have enhanced the 39's
>reception of frequencies outside that range? Or is the 43 (just bought)
>a dud? Date code on the 39 is 2A4; the 43 is 4A3.

Are you using the same antenna on both? I'm not sure if the same one came
with the PRO-39, but the stock PRO-43 duckie is deaf.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

7253. Re: Someone please answer this q!!

Newsgroup: rec.radio.scanner
Date: 1994-12-23 15:29:30 UTC
From: rdavis@nyx10.cs.du.edu
Message-ID: <3deqcq$ieq@nyx10.cs.du.edu>
Source record: 263845

nd2n@faraday.clas.Virginia.EDU (tagman) writes:

>I have a little problem which is really bugging me:

>I have 2 scanners - a Realistic PRO-2023 base unit - 20
>channels, programmable, etc. and a Realistic Pro-36 Handheld,
>also 20 channels. I have the tower frequency for Washington
>Dulles Internationl Airport (120.1). I can put both scanners
>next to each other and the handheld receives ALL transmissions,
>both tower to air and air to tower. But the other unit
>receives only air to tower, and not too well at that.

>Any ideas why?? Neither unit has been modified, FWIW. I could
>understand the situation if the handheld were only picking up
>half the transmissions, but that's not the case. Oh well, any
>help
>would be much appreciated.

>Thanks!

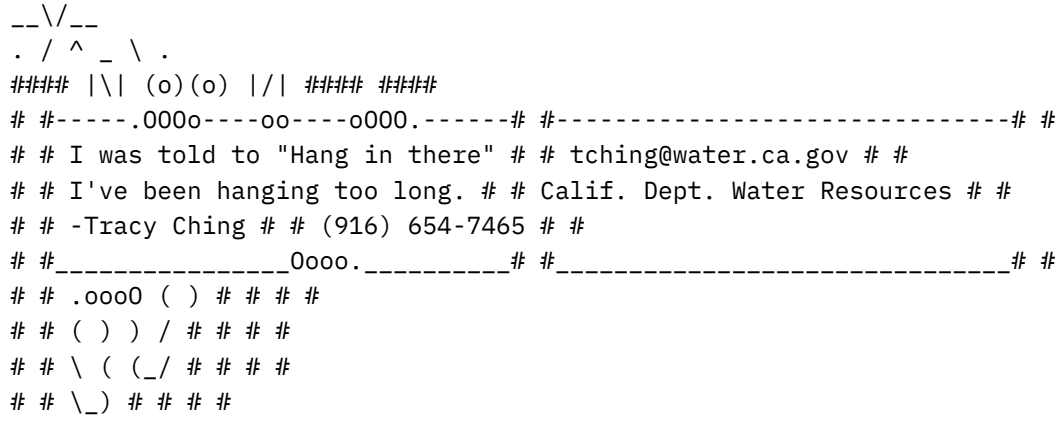
>Andrew
Appears to me that the handheld has a __much__ more sensitive receiver
than the base scanner.

--
rdavis@nyx10.cs.du.edu Robert Davis Salina, KS
Amateur Radio K0FPC

7254. 954.45MHz Sacto, CA, what is it?

Newsgroup: rec.radio.scanner
Date: 1994-12-23 15:37:52 UTC
From: tching@bilge.water.ca.gov
Message-ID: <3deqsg$krd@news.csus.edu>
Source record: 263872

I stumbled on a freq - 954.45MHz that has nothin but "elevator
music". Can someone confirm this. I also get the same 1.97MHz above
but it is weaker and I assume it's just an image from my IF stage.
Hence, I'm not sure that even 954.45 is correct.
There's also another music station about 946.39 (I think) plus
or minus a few 100KHz.



7255. Re: Scanning on aircraft

Newsgroup: rec.radio.scanner
Date: 1994-12-23 15:51:24 UTC
From: jeffpmil@aol.com
Message-ID: <3derls$719@newsbf02.news.aol.com>
Source record: 263870

I would have to agree - only technically -

A scanner with a VFO and an internal mixer, does generate RF.
Nonetheless, the RF gnerated is so small and so weak, outside of arms length, it is probably not even measurable except with a laboratory grade piece of test equipment.

For years, YEARS, airlines have steadfastly turned down requests for users to listen on scanners in the cabin. Yet they have allowed these RF noise generators knowns as PCs to be used all the time. Now my PC cranks out the RF in huge amounts and it is allowed onan airplane.

I suspect that the real reason is, they don't want you knowing their business.

For instance - I once sat on an a United Jet at Ohare airport. The pilot wanted to split but the company calculated that the plane was too heavy for the now increasing temperature. The pilot radioed back he re-did the calcs and he knew this baby would fly. The company wasn't convinced and a polite fight ensued over the airwaves!!!!! This was my flight!

I knew the pilot would never take off on a flight he was on - if it was unsafe. So I was comforted, but nonetheless, the other stories one hears at airports!

Listen in on the uHF HT channels of the airlines as well.

I use to use a stereo headphone set for my scanner and everyone thought it was a walkman. Trouble is, it's hard to hear unless you have a window seat, and even then... it's poor.

Be seeing you,
Number 6

7256. In search of 890xlt mods

Newsgroup: rec.radio.scanner
Date: 1994-12-23 16:20:03 UTC
From: burtp@earth.execpc.com
Message-ID: <3detbj$oao@homer.alpha.net>
Source record: 263846

I am looking for mods for the Bearcat 890xlt
I don't kown anything about it as it belongs to a friend that just bought
it.

Thanks
burtp@execpc.com

7257. AR8000 auto settings

Newsgroup: rec.radio.scanner
Date: 1994-12-23 16:52:08 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3dev7o$mk5@sparc.occ.uky.edu>
Source record: 263871

There was a thread last week concerning reprogramming the EEROM' table of frequency bands and channel spacing. I have a US model of the AR8000 and just received an Interface from Javiation.

Would the person interested in reprogramming the table please contact me?

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

7258. Re: PRO-2006s

Newsgroup: rec.radio.scanner
Date: 1994-12-23 16:54:35 UTC
From: kwong@ee.ualberta.ca
Message-ID: <3devcb$js6@quartz.ucs.ualberta.ca>
Source record: 263873

Bill Grove - Grove Enterprises (grove@mercury.interpath.net) wrote:
> Grove Enterprises has just found a supply of the cellular restorable
> Realistic PRO-2006s. For more information, please call:
> 1-800-438-8155

Is there a way to identify a Pro-2006 that is capble of the cellular
reception modification without opening it? I am about to buy one here
in Canada. Can I assume all Canadian units can still be modified?

7259. Adding UHF TV audio to BC2500XLT ???

Newsgroup: rec.radio.scanner
Date: 1994-12-23 17:31:18 UTC
From: drew.king@omail.wang.com
Message-ID: <D19y07.MpA@wang.com>
Source record: 263847

I have the bearcat 2500xlt scanner. It does very well except for complete coverage of the TV audio bands. I can receive VHF audio fine, but the scanner blocks UHF. Is there a way to reverse this ???

Also, is it possible to tell from the outside if it is 800MHZ modifiable ??

Please respond to drew.king@omail.wang.com

Thanks.

7260. Re: SSB on AR8000

Newsgroup: rec.radio.scanner
Date: 1994-12-23 17:33:30 UTC
From: perryp@iia.org
Message-ID: <3df1la$jm@ankh.iia.org>
Source record: 263874

Flying Turtle (vic@ping.com) wrote:
: > Has anyone noticed that SSB reception on the AR8000 is not as clear as on
: > the Yupiteru 7100? I find that the audio sounds a little strange and I
: > can't get as much of the "Donald Duck" sound out of it as I can on the
: > Yupi. Of course neither is as good as my HF rig.
: >
: > I also notice that there seems to be a higher noise floor on the AR8000
: > than the Yupi, but it also seems to have louder audio.
: >
: > Any observations would be appreciated.
: >
: > Thanks.
: > Paul, WB2ERY
: > perryp@iia.org

: Paul don't you think it may be the tighter ssb filter in the Ar8000?
: Too wide in AM , narrow in SSB. Not bad for CW.
: Have you tried listening with an external speaker?

: Personally it dosn't bother me all that much. But then I am used to a variety
: of radios as I am sure you are also.

: Vic ki4je

Vic,

Thanks for your reply. I hadn't thought about the tighter SSB filter.
Maybe that combined with the difference in the audio response of the
speaker is causing what I am describing. No, I haven't tried it on an
external speaker, but now that you brought it up, I will.

Thanks again.

73,

Paul, WB2ERY
perryp@iia.org

7261. Ramsey

Newsgroup: rec.radio.scanner
Date: 1994-12-23 17:42:00 UTC
From: john.avery@uchoice.com
Message-ID: <1ad.8420.1974@uchoice.com>
Source record: 263884

DC> How can I obtain a catalog from Ramsey? Anyone have a phone # or
>something? Thanks.

Don't know about Ramsey, but you can call, write or fax
Electronic Raibow Ind.
6254 La Pas Trail
Indianapolis, IN 46268
(317) 291-7262
FAX (317) 291-7269

for their catalog. They sell most of the same kits Ramsey sells. They
may even manufacture some of the kits for Ramsey.
The have pre-amps, QRP rigs, laser kits, telelphone recording kits,
notch filters for cable tv. I think the sell about 60 kits.
I'm familiar with their work. Their kits have good parts, good circuit
boards and well illustrated, easy to follow instructions.
They manufacture an electronic product for me and their work is first
rate.
John.
john.avery@uchoice.com

 SLMR 2.1a Gotta run, the cat's caught in the printer.

7262. Re: discone from Radio Shack

Newsgroup: rec.radio.scanner
Date: 1994-12-23 18:32:25 UTC
From: coyote@cybernetics.net
Message-ID: <3df53p$j12@jabba.cybernetics.net>
Source record: 263875

DctrHappy (dctrhappy@aol.com) wrote:
: I've realized that affixing a loband specific attenna to the top of the
: discone antenna helps quite a bit since RS discone has no vertical
: element. (a helpful net-surfer just filled me in with this)

Bill Cheek has recomended attaching a verticle element to the discone.
He recomended using a base loaded CB antenna (moble type). It is attached to
the threaded stub on top, using a 3/8" threaded coupling from the
hardware store. This reportedly helps bring in the 25-40MZ range bands.
Till later, Si B.

7263. Re: New Pro-43 (Modified) for Sale

Newsgroup: rec.radio.scanner
Date: 1994-12-23 18:59:58 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3df6ne$17bl@tiger1.ocs.lsu.edu>
Source record: 263876
Cross-posted to: rec.radio.scanner,rec.radio.swap

Yep, they still have them in stock, and they are now $285...
Try lowering the price.
Dave

Marc B. Grant (marcbg@metronet.com) wrote:
: Cellular Modified Pro-43 bought about 6 weeks ago from Radio Shack (yes,
: they still have them in stock).

: Will sell for $325 + shipping. Price is firm. Box/Manual included.

: --
: Marc B. Grant
: marcbg@metronet.com
: Amateur Radio N5MEI

7264. AR8000 Commands

Newsgroup: rec.radio.scanner
Date: 1994-12-23 19:23:00 UTC
From: guyever@aol.com
Message-ID: <3df82k$8ri@newsbf02.news.aol.com>
Source record: 263877

I've had my AR8000 for about 10 days now and having lots of fun with it. I have ordered interface cable which should be here next week. What I am curious about is the ability of radio to receive a dump of frequencies (single or multiple banks) from the computer, complete with alpha descriptions. I download a list of avaible commands a week or so ago, but don't see any that look like they may do that. Also is the format of the computer banks in ASCII as are the AR3000 programs I've seen. They are easy to edit with a Word Processor or even with the Norton Commander I use. Thanks.
73's
Guy KC4NQU

7265. Re: Probably been asked before, but--

Newsgroup: rec.radio.scanner
Date: 1994-12-23 19:27:03 UTC
From: jhendricks@cuthbert.win-uk.net
Message-ID: <40@cuthbert.win-uk.net>
Source record: 263880

In article <3dchug$h2@newsbf02.news.aol.com>, DavidK5047 (davidk5047@aol.com) writes:
>Charging Renewals in your scanner or any standard charger is fine --- that
>is if you don't mind the resulting explosions.
>

I agree!!! My eight year old has been watching me recharge my RS
rechargables in my wall charger and being eight and exploring
the brave new world he decided to charge his Duracels from his
GameGear. Then he went to bed......

About two hours later my wife and I were watching TV and there
was a little hiss followed by a very loud bang as bits of
ex-Duracel orbited the room..

In short...don't try it..!

Jim

_/ _/ _/ _/ _/ _/ Give someone 1 minute of help and
_/ _/ _/ _/ _/ _/ you'll be helped for a day in
_/ _/ _/ _/ _/ return...
_/ _/ _/ _/ anon
_/_/ _/ _/ _/

7266. Re: PRO-2006s

Newsgroup: rec.radio.scanner
Date: 1994-12-23 19:33:33 UTC
From: copeland@fohnix.metronet.com
Message-ID: <3df8md$ph2@fohnix.metronet.com>
Source record: 263848

In article <3devcb$js6@quartz.ucs.ualberta.ca>,
Kevin Mark Wong <kwong@ee.ualberta.ca> wrote:
>Bill Grove - Grove Enterprises (grove@mercury.interpath.net) wrote:
>> Grove Enterprises has just found a supply of the cellular restorable
>> Realistic PRO-2006s. For more information, please call:
>> 1-800-438-8155
>
>Is there a way to identify a Pro-2006 that is capble of the cellular
>reception modification without opening it? I am about to buy one here
>in Canada. Can I assume all Canadian units can still be modified?

Thats easy, all PRO-2006's are cellular modifiable. No unmodifiable
model has been made. The reason being that the 2006 are being fazed out.

--

| There are two types of people in this world, those who separate |
| people into groups,and those who don't. copeland@metronet.com|

7267. Need mods for bc700a bc155XL please

Newsgroup: rec.radio.scanner
Date: 1994-12-23 20:07:09 UTC
From: chrisb@millcomm.com
Message-ID: <3dfald$ofu@news.millcomm.com>
Source record: 263879

Eny help in obtaining mods for these two radios would be greatly appreciated.
BC 700a BC 155xl. Have not been able to find any thing, not shure if there
are any mods.
Thanks...
Chris B.
chrisb@millcomm.com

7268. Re: Two Mobile Antennas To One Receiver?

Newsgroup: rec.radio.scanner
Date: 1994-12-23 20:45:56 UTC
From: tconboy@traffic.uswnvg.com
Message-ID: <3dfcu4$kvj@fred.uswnvg.com>
Source record: 263852
Cross-posted to: rec.radio.scanner,alt.radio.scanner

: In article <1994Dec16.022355.8500@kcvax1>, boothc@kenyon.edu wrote:

: I've got r-s mag mount scanner antenna on my car right now and it seems to
: work well for just about everything except 800mhz (trunked services).
: Would adding an r-s mag mount cellular antenna (either the five inch rubber
: coated one or the larger traditional cell looking one with coil) make an
: improvement?

Probably the best approach would be to use a diplexer, such as those for
hams to combine two single band transceivers on one dual band antenna.
In your case, you would use it "reversed" to feed one receiver from two
antennas. You need to make sure the diplexer has the frequency
crossover somewhere between 500 and 800 MHz.

Another thing to remember is that garden variety RG-58 cable (50 ohm)
has about 2dB loss for every 10 feet at 800 MHz, so you need to keep
runs to a minimum to avoid burning up all the received signal. The
alternative is to use lower loss coax.
--
Terry Conboy N6RY tconboy@uswnvg.com vm:206-450-8388 fax:206-450-8399
Does not speak for U S WEST, AirTouch, or PCS PrimeCo, L.P.

7269. deceptive advertising from radio shack

Newsgroup: rec.radio.scanner
Date: 1994-12-23 20:47:14 UTC
From: hh@scam.Berkeley.EDU
Message-ID: <3dfd0i$5im@agate.berkeley.edu>
Source record: 263881

i was down at radio shack today, looking for a scanner, a ham, or both. looking through the catalog, i saw in big lettering things like "COVERS THE 800MHZ BAND". i thought, great, that's the band i want. all of it. for use outside the us, of course.

but then when you read the freqs, of course it only covers some portions of that band, and leaves out some other portions.

the ad should have said "COVERS THE LESS INTERESTING PARTS OF THE 800MHZ BAND".

anyway, i have a question. i am interested in a ham radio which has (or is modifiable to have) the following stuff on it:

* full coverage from about high vhf to 1ghz.

* fm and am on all ranges (ssb would be really nice)

* some way of doing computer control

* hand held

does such a thing exist?

thanks,

e

7270. Re: Grove CD-ROM Database

Newsgroup: rec.radio.scanner
Date: 1994-12-23 20:56:00 UTC
From: clint.bradford@ectech.com
Message-ID: <9412231432471899@ectech.com>
Source record: 263883

BOB>>I returned my Grove CDROM for the same reasons you did. A friend
who owned another one said Bill Grove is working on the problems.

In the meantime, Walnut Creek's QRZ! Ham Radio CD-ROM has a great
interface (for programmers, DOS, or MS Windows users), and their
January 1995 release is being pressed right now!

7271. CTCSS IC?

Newsgroup: rec.radio.scanner
Date: 1994-12-23 21:49:00 UTC
From: chris.boone@woodybbs.com
Message-ID: <93.1454.7592.0NFB838F@woodybbs.com>
Source record: 263918

```
*** Quoting Tching@Bilge.Water.Ca.Gov to All dated 12-22-94 ***
> Message-ID: <3dad3s$251@news.csus.edu>
> Newsgroup: rec.radio.amateur.digital.misc,rec.radio.scanner
> Organization: Calif. Dept. of Water Resources
>
> I was looking at a catalog with a CTCSS encoder/decoder. I see
> a (maybe) 28 or 40 pin DIP on the board and a few passive parts -
> that's all.
> 1) Who makes a CTCSS chip?
> 2) What's the part number?
>
MX COM makes several that are used in most ham rigs nowadays...
also Commspec makes a custom IC but you need more components for it...

73
Chris
WB5ITT

--- T.A.G. 2.7b Standard
* Origin: WBBS 409-447-4267 (1:106/4267)
```

7272. How to reach AOR?

Newsgroup: rec.radio.scanner
Date: 1994-12-23 23:33:45 UTC
From: michael.ayotte@netcom.com
Message-ID: <michael.ayotte-2312941533450001@rsg-av.com>
Source record: 263888

I would like to send AOR email or SnailMail but the only address is:
AOR, LTD.
2-4-6 Misuji, Taito-ku, Tokyo 111
Japan. Tel 03 3865 1681

I was hoping for a US office Address or even better an email address. Does anyone have any information?

Thanks in advance.

---
michael.ayotte@netcom.com Riverview Systems Group (rsg-av.com)
San Jose Hilton ftp://ftp.netcom.com/pub/woodstoc/sanjose.hilton.html
IRC:woodstoc I speak only for myself

7273. Re: deceptive advertising from radio shack

Newsgroup: rec.radio.scanner
Date: 1994-12-23 23:41:29 UTC
From: michael.ayotte@netcom.com
Message-ID: <michael.ayotte-2312941541290001@rsg-av.com>
Source record: 263889

In article <3dfd0i$5im@agate.berkeley.edu>, hh@scam.Berkeley.EDU (Eric Hollander) wrote:

>i was down at radio shack today, looking for a scanner, a ham, or both.
>looking through the catalog, i saw in big lettering things like "COVERS THE
>800MHZ BAND". i thought, great, that's the band i want. all of it. for
>use outside the us, of course.
>
>but then when you read the freqs, of course it only covers some portions of
>that band, and leaves out some other portions.

FCC will not allow the sell of any new scanner that coveres the cellular range. The radio above does cover the 800MHz range just not all of it. 800MHz is still a selling point as not all radios cover it at all.

>the ad should have said "COVERS THE LESS INTERESTING PARTS OF THE 800MHZ
>BAND".

Yegh, that would sure sell the radio :-)

>anyway, i have a question. i am interested in a ham radio which has (or is
>modifiable to have) the following stuff on it:

Well If you want continuos coverage that means one of three things. One, buy a used radio thats was manufactured before the Cellular regulations went into affect, Two buy one that was modified or can be modified to cover those frequencies, three buy a scanner outside of the US that doesnt conform to the FCC regulations.

>* full coverage from about high vhf to 1ghz.
>
>* fm and am on all ranges (ssb would be really nice)
>
>* some way of doing computer control
>
>* hand held
>
>does such a thing exist?

Well how much are you willing to spend? I just spent $800 buying a AR8000 handheld from Jonathan Clough <Clough@javiaton.demon.co.uk> with the computer interface. It coveres 500kHz-1300MHz I believe. I am very happy with it. I just wish the computer interface language were a little more intuitive. But no matter.

Hope this info helps.

---
michael.ayotte@netcom.com Riverview Systems Group (rsg-av.com)
San Jose Hilton ftp://ftp.netcom.com/pub/woodstoc/sanjose.hilton.html
IRC:woodstoc I speak only for myself

7274. Re: AR8000 Commands

Newsgroup: rec.radio.scanner
Date: 1994-12-24 00:07:07 UTC
From: Flying Turtle <vic@ping.com>
Message-ID: <3dfonc$39o@nntp.crl.com>
Source record: 263885

> I've had my AR8000 for about 10 days now and having lots of fun with it.
> I have ordered interface cable which should be here next week. What I am
> curious about is the ability of radio to receive a dump of frequencies
> (single or multiple banks) from the computer, complete with alpha
> descriptions. I download a list of avaible commands a week or so ago, but
> don't see any that look like they may do that. Also is the format of the
> computer banks in ASCII as are the AR3000 programs I've seen. They are
> easy to edit with a Word Processor or even with the Norton Commander I
> use. Thanks.
> 73's
> Guy KC4NQU

Guy the answer to your question is yes the basic AR8000 computer dump
is in fairly easy to read ascii. I have used MSWord, notepad,
IBM's EPM and E from O$/2 Warp to edit the data and send it back.

I have written a number of primitive scripts to read 'raw data'
and format it to program a bank using Procomm Plus for Windows.
I was working on one with a great gui interface when
my Percomm CD came and I stopped to figure out how to
hack it. Bob Parnass gave me a great tip that I have expanded
on. Now I hope to be able to have a script that takes the
data extracted from the CD and allows you to tag it for
sending to the AR8000 and then programs it in one stroke.

Here is one of them for you to hack...

```
; Bulk memory programing for AR8000
; requires datafile with frequencies and alpha tags
; only first seven characters of tag will be used
; format of each line is expected to be freq tab text, for example....
; 154.190 Atl. Fire Dispatch
; yields command
; MXA00 MP0 RF154.190 ST1.0 MD1 AT0 TMATL. Fi

; Vic Healey ki4je Dec.16, 1994
; Procomm plus Aspic script

string bank ="A"

proc main
string szName ; Name of file to read.
string szLine ; Line from file.
integer count=0

if sdlginput "AR8000 Data File Name" "Name:" szName
if isfile szName ; Make sure file exists.
```

```
if fopen 0 szName READ ; Open file for read.
while not feof 0 ; Loop to end of file.
fgets 0 szLine ; Get line from file.
;transmit szLine
call make_and_send_freq with szline, count
count =count + 1

endwhile
fclose 0 ; Close the file.
transmit "MA^M" ; Dump entire bank to screen for review

endif
else
errormsg "AR8000 data file doesn't exist."
endif
endif
endproc

proc make_and_send_freq

param string szline
param integer count
integer linesize
string AR800_program_command
string AR800_program_command2=" ST1.0 MD1 AT0 TM"
string frequency
string TM
if count <10 ; add that leading zero needed if less then 10
strfmt AR800_program_command "MX%s0%d MP0 RF" bank count
else
strfmt AR800_program_command "MX%s%d MP0 RF" bank count
endif
strlen szline linesize
if linesize < 10
return
endif

substr frequency szline 0 8
substr TM szline 9 7

; build string for AR8000 command

strcat AR800_program_command frequency
strcat AR800_program_command AR800_program_command2
strcat AR800_program_command TM
strcat AR800_program_command "^M"

; sned it to the AR8000
transmit AR800_program_command ; send to ATR8000
termwrites AR800_program_command ; send data to your screen for debug

endproc
```

7275. FOR SALE: YAESU FRG-9600 ALL MODE HF/VHF/UHF

Newsgroup: rec.radio.scanner
Date: 1994-12-24 00:42:55 UTC
From: richralf@ix.netcom.com
Message-ID: <3dfqqf$f96@ixnews2.ix.netcom.com>
Source record: 263867
Cross-posted to: alt.radio.scanner,rec.radio.scanner

post
--
YAESU 9600 FOR SALE IN MINT CONDITION

THIS 9600 HAS BEEN MODIFIED & IMPROVED BY EEB. IT IS AN ALL MODE HF/VHF/UHF DC-905 MHZ COMMUNICATIONS RECEIVER, WITH AN INTERNAL CONVERTER FOR DC-60 MHZ. TRIPLE CONVERSION AMN AMW FMN FMW LSB & USB. IN PARTICULAR, THIS RADIO HAS EXCEPTIONAL SENSITIVITY IN THE CELLULAR BAND, AND IS SMALL & LIGHTWEIGHT. 100 MEMORIES IN 10 SCAN BANKS. THIS UNIT NOT ONLY RECEIVES STANDARD FM & TV, INCLUDING SOME CABLE TV. THERE IS ALSO AN OPTION AVAILABLE FROM YAESU (APX. $25./$30.) TO RECEIVE VIDEO FOR OUTPUT TO A TV, A
ND ACCESSORY KITS AVAILABLE TO EXTEND THE RANGE UP TO 1300 MHZ, AND/OR ADD MORE MEMORY.

THE UNIT INCLUDES THE VHF/UHF WHIP ANTENNA, POWER CABLE, RS-232 SQUELCH DETECT INTERFACE CABLE FOR IBM/COMPATIBLES (EASILY MOD FOR ANY COMPUTER), SCANCAT PRO COMPUTER CONTROL SOFTWARE, MANUALS, & MOBILE MOUNTING BRACKET.

PRICE: $495.00 /MONEY ORDER, CERTIFIED CHECK, OR COD
INCLUDES SHIPPING CONUS

REPLY BY E-MAIL, & INCLUDE PHONE NUMBER FOR PROMPT RESPONSE.
73'S & HAPPY HOLIDAYS <;-)

7276. Re: AR8000 Commands

Newsgroup: rec.radio.scanner
Date: 1994-12-24 00:44:55 UTC
From: guyever@aol.com
Message-ID: <3dfqu7$agm@newsbf02.news.aol.com>
Source record: 263886

Subject: Re: AR8000 Commands
In article <3df82k$8ri@newsbf02.news.aol.com>, guyever@aol.com (GuyEVER) wrote:

>I've had my AR8000 for about 10 days now and having lots of fun with it.
>I have ordered interface cable which should be here next week. What I am
>curious about is the ability of radio to receive a dump of frequencies
>(single or multiple banks) from the computer, complete with alpha
>descriptions. I download a list of avaible commands a week or so ago,
but
>don't see any that look like they may do that. Also is the format of the
>computer banks in ASCII as are the AR3000 programs I've seen. They are
>easy to edit with a Word Processor or even with the Norton Commander I
>use. Thanks.

Michael Ayotte replied:
:Here is an example program I edited on MS Word for the mac that I send to
:my AR8000. I regularly Edit and re-dump the info:

;MX(Bank)(chanell)_RF(Frequency in MHz)_AU(0= auto off, 1 = Auto on cant
:use auto because it is setup for European)_MD(Modulation Method 0=WFM
:1=NFM 2=AM 3=USB 4=LSB 5=CW)_AT(Attenuation 0=off 1=On)_TM(7char of text)

:MXa00 RF039.4600 AU0 MD1 AT0 TMSheriff
:MXa01 RF045.7800 AU0 MD1 AT0 TMSheriff
:MXa02 RF045.8600 AU0 MD1 AT0 TMMut Pol
:MXa03 RF154.5400 AU0 MD1 AT0 TMRescue
:MXa04 RF154.5700 AU0 MD1 AT0 TMRescue
:MXa05 RF154.6000 AU0 MD1 AT0 TMRescue
:MXa06 RF154.6500 AU0 MD1 AT0 TMSheriff
:MXa07 RF154.8000 AU0 MD1 AT0 TMSheriff
:MXa08 RF155.0700 AU0 MD1 AT0 TMCUcF PD
:MXa09 RF155.1300 AU0 MD1 AT0 TMSheriff
:MXa10 RF155.2500 AU0 MD1 AT0 TMSheriff
:MXa11 RF155.4750 AU0 MD1 AT0 TMNat PD
:MXa12 RF155.4900 AU0 MD1 AT0 TMSheriff
:MXa13 RF155.6700 AU0 MD1 AT0 TMC FN PD
:MXa14 RF155.6850 AU0 MD1 AT0 TMSheriff
;MXa15 RF156.0300 AU0 MD1 AT0 TMCF Pol
:MXa16 RF158.8500 AU0 MD1 AT0 TMSheriff
;MXa17 RF453.4000 AU0 MD1 AT0 TMNewrkPD
;MXa18 RF453.7500 AU0 MD1 AT0 TMSheriff
;MXa19 RF458.4000 AU0 MD1 AT0 TMNewrkPD
;MXa20 RF458.7500 AU0 MD1 AT0 TMF/N PD
;MXa21 RF482.3625 AU0 MD1 AT0 TMUnionPD

;MXa22 RF482.4875 AU0 MD1 AT0 TMFremtPD
;MXa23 RF482.6375 AU0 MD1 AT0 TMF UC PD
:MXa24 RF483.0375 AU0 MD1 AT0 TMFremtPD
;MXa25 RF483.0875 AU0 MD1 AT0 TMNewrkPD
;MXa26 RF483.1375 AU0 MD1 AT0 TMFremtPD
;MXa27 RF484.3625 AU0 MD1 AT0 TMFremtPD
;MXa28 RF484.6375 AU0 MD1 AT0 TMFremtPD
;MXa29 RF485.3625 AU0 MD1 AT0 TMUnionPD
;MXa30 RF485.4875 AU0 MD1 AT0 TMFremtPD
;MXa31 RF485.6375 AU0 MD1 AT0 TMF UC PD
:MXa32 RF485.9375 AU0 MD1 AT0 TMUnionPD
:MXa33 RF486.0375 AU0 MD1 AT0 TMFremtPD
:MXa34 RF486.0875 AU0 MD1 AT0 TMNewrkPD
:MXa35 RF486.1375 AU0 MD1 AT0 TMFremtPD
:MXa36 RF487.3625 AU0 MD1 AT0 TMFremtPD
;MXa37 RF487.6375 AU0 MD1 AT0 TMFremtPD
:MXa38 RF489.1375 AU0 MD1 AT0 TMSheriff
:MXa39 RF866.0125 AU0 MD1 AT0 TMNatCall
:MXa40 RF866.5125 AU0 MD1 AT0 TMNatTact
:MXa41 RF867.0125 AU0 MD1 AT0 TMNatTact
:MXa42 RF867.5125 AU0 MD1 AT0 TMNatTact
:MXa43 RF868.0125 AU0 MD1 AT0 TMNatTact

:Note: This is Information for the Fremont, Newark, Union City area of
;California with County (Alameda) frequencies thrown in.

;P.S. This is how I am presently organizing my banks, any comments:

:BANKS (Channels)

;a Fremont Area PD A San Jose Area PD
:b Fremont Area FD B San Jose Area FD
:c Fremont Area MED C San Jose Area MED
;d Fremont Area ﷺPublic Safety D San Jose Area ﷺPublic Safety
:e Fremont Area ﷺLocal Government E San Jose Area ﷺLocal Government
:f Fremont Area Miscellanious F San Jose Area Miscellanious
:g BAY AREA Aviation/Airports G Hilton Radio, W/L and RSG W/L
:h Time and Weather (WX) H Other local Hotels Radio & W/L
:i AM/FM/TV Broadcast Stations I Citizen Band
:j Unassigned J SCANN BANK

:I live in Fremont and Work in San Jose (Hilton)

;michael.ayotte@netcom.com Riverview Systems Group (rsg-av.com)
:San Jose Hilton ftp://ftp.netcom.com/pub/woodstoc/sanjose.hilton.html
:IRC:woodstoc I speak only for myselfe
:<3df82k$8ri@newsbf02.news.aol.com>, guyever@aol.com ote:

Michael,
I appreciate your reply. That is exactly what I wanted to find out. I
use Word for Windows, but it should be the same as on your Mac. I wanted

to go ahead and set up my banks so I can download them to the AR8000 when I receive the cable. Figure by the time I get the cable I can pretty well have all the banks set up for the AR8000 . I think your bank organization is good ,however, since I also monitor military air and there are so many different municiplities in the area, I'll have to organize mine a little differently. I have in mind organizing mine a little differently ie. at home (used as base station) bank xx railroad, bankxy civil air, bank xz public safety, etc. On the road I would want to include various Highway Patrol freqs as well as CB (ugh). Around town the setup would be slightly different. Anyway I'm sure you get the idea. Happy Holiday wishes for you and your family.

Thanks,
Guy KC4NQU

7277. FRG-9600 re-post

Newsgroup: rec.radio.scanner
Date: 1994-12-24 00:58:17 UTC
From: richralf@ix.netcom.com
Message-ID: <3dfrn9$ffc@ixnews2.ix.netcom.com>
Source record: 263868
Cross-posted to: alt.radio.scanner,rec.radio.scanner

--
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REPLY BY E-MAIL, & INCLUDE PHONE NUMBER FOR PROMPT RESPONSE.
73'S & HAPPY HOLIDAYS <;-)

7278. Re: AR8000 Commands

Newsgroup: rec.radio.scanner
Date: 1994-12-24 01:06:43 UTC
From: guyever@aol.com
Message-ID: <3dfs73$ajf@newsbf02.news.aol.com>
Source record: 263887

Subject: Re: AR8000 Commands
From: Flying Turtle <vic@ping.com>
Date: 24 Dec 1994 00:07:07 GMT
Message-ID: <3dfonc$39o@nntp.crl.com>

> I've had my AR8000 for about 10 days now and having lots of fun with it.

> I have ordered interface cable which should be here next week. What I
am
> curious about is the ability of radio to receive a dump of frequencies
> (single or multiple banks) from the computer, complete with alpha
> descriptions. I download a list of avaible commands a week or so ago,
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> easy to edit with a Word Processor or even with the Norton Commander I
> use. Thanks.
> 73's
> Guy KC4NQU

Vic Healey KI4Je replies
:Guy the answer to your question is yes the basic AR8000 computer dump
:is in fairly easy to read ascii. I have used MSWord, notepad,
:IBM's EPM and E from O$/2 Warp to edit the data and send it back.

:I have written a number of primitive scripts to read 'raw data'
:and format it to program a bank using Procomm Plus for Windows.
;I was working on one with a great gui interface when
:my Percomm CD came and I stopped to figure out how to
;hack it. Bob Parnass gave me a great tip that I have expanded
;on. Now I hope to be able to have a script that takes the
;data extracted from the CD and allows you to tag it for
;sending to the AR8000 and then programs it in one stroke.

;Here is one of them for you to hack...

:; Bulk memory programing for AR8000
:; requires datafile with frequencies and alpha tags
:; only first seven characters of tag will be used
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:; 154.190 Atl. Fire Dispatch
:; yields command
:; MXA00 MP0 RF154.190 ST1.0 MD1 AT0 TMATL. Fi

```
:; Vic Healey ki4je Dec.16, 1994
:; Procomm plus Aspic script

:string bank ="A"

:proc main
: string szName ; Name of file to read.
: string szLine ; Line from file.
: integer count=0

: if sdlginput "AR8000 Data File Name" "Name:" szName
: if isfile szName ; Make sure file exists.
: if fopen 0 szName READ ; Open file for read.
: while not feof 0 ; Loop to end of file.
: fgets 0 szLine ; Get line from file.
; ;transmit szLine
: call make_and_send_freq with szline, count
; count =count + 1

: endwhile
: fclose 0 ; Close the file.
: transmit "MA^M" ; Dump entire bank to screen for review

: endif
: else
: errormsg "AR8000 data file doesn't exist."
: endif
: endif
:endproc

:proc make_and_send_freq

: param string szline
: param integer count
: integer linesize
: string AR800_program_command
: string AR800_program_command2=" ST1.0 MD1 AT0 TM"
: string frequency
: string TM
: if count <10 ; add that leading zero needed if less then 10
: strfmt AR800_program_command "MX%s0%d MP0 RF" bank count
: else
: strfmt AR800_program_command "MX%s%d MP0 RF" bank count
: endif
: strlen szline linesize
: if linesize < 10
: return
: endif

: substr frequency szline 0 8
: substr TM szline 9 7

: ; build string for AR8000 command
```

```
: strcat AR800_program_command frequency
: strcat AR800_program_command AR800_program_command2
: strcat AR800_program_command TM
: strcat AR800_program_command "^M"

: ; sned it to the AR8000
: transmit AR800_program_command ; send to ATR8000
: termwrites AR800_program_command ; send data to your screen for
:debug

:endproc
```

Vic,
Appreciate your reply. Haven't used Procomm for several years. Never for Windows. KInd of cut my teeth on the DOS version though and am familar with script files. I think I can probably accomplish my goals using Word for Windows to edit the file. Last time I "talked" to you I had not yet received my AR8000, but have now. Still haven't programmed in those military air ie. Dobbins, etc freqs yet. Can't seem to work up the guts to keep turning that dial for 300+ freqs. Anyway thanks for your reply. Happ Holiday wishes for you and your family.
73's
Guy KC4Nqu

7279. Hot BC3000XLT info!

Newsgroup: rec.radio.scanner
Date: 1994-12-24 01:16:35 UTC
From: 76703.4224@compuserve.com
Message-ID: <3dfspj$kdp@panix3.panix.com>
Source record: 263890

Received from Jeff Goldman, sysop on CompuServe Hamnet:

==========

The Uniden Bearcat BC3000XLT scanner hasn't arrived from the Philippines yet, but I just got an advanced copy of the manual -all 52 pages of it!- today.

Here are the major points:

1) As with the BC860XLT base, you can't use Data Skip AND Priority during a Scan at the same time. Hitting Priority will disable Data Skip. There is no Priority during Searches.

2) You can search at 300cps in ANY band as long as you're in 5kHz increments. So, to listen in on cell images (not that you'd do this <g>), you can program a Search from 1269-1294MHz in 5kHz increments at 300 steps per second. That's the equivalent of the Pro43's 50cps Search, for instance. Only problem is that even when you're searching in 5kHz increments in the 1200MHz band with the BC2500XLT (and, presumably the BC300XLT) you're still a little off frequency! The Track Tuning stops on 2 neighboring freqs in many cases; it's as if you're off 2.5kHz or so.

3) The Battery Save feature isn't a "battery save" feature at all (like the kind where the unit samples-and-sleeps, as in the Pro43). All it means is that if you are sitting on a channel in Manual mode for over 60 seconds and the squelch doesn't break, the scanner starts to beep to get your attention. To stop the beeping, you toggle the Batt Save button to the other position which is Delay. In other words, if there is a Delay set to that channel (or if the scanner is plugged into the wall) the scanner won't beep. Talk about a STUPID feature.

4) If the scanner stops on a freq during a Search or Scan and sits there for 3 seconds due to an unmodulated carrier/birdie/pager data noise AND if the Data Skip is Off, the scanner will start to beep to tell you that it's hung up on what it thinks is garbage. Another really STUPID feature.

5) Battery time is still only 5 hrs, and the scanner uses the same 600mAh pack that the BC2500XLT used. There is a new leather case that'll be available as an option; it'll look similar to the type available for the BC220XLT/BC120XLT/SC150. Too bad they couldn't get the battery life up to the 12 hrs of the BC220/120/SC150 (especially when they use the optional 800mAh Freq Fan Club battery pack).

6) Channel delay is settable PER CHANNEL, not global!

7) The Attenuator gives 15dB of attenuation and is settable PER CHANNEL, also not global!!

8) The battery clip is the same cheap, awful one that was on the BC2500XLT. That means that you have to take off the clip everytime you want to take off the battery pack.

9) No mention is made of a 25kHz step or the Auto step feature (by hitting the decimal button twice). It's on the back of the brochure, but that doesn't mean anything. The 25kHz step will definitely be available on the upcoming BC9000XLT base.

10) You can lockout up to 50 freqs in the Search mode.

11) The manual verified that there is no VFO, no Hit Counter, and no ability to use Priority during a Search. Plus, no cellular mod, no carry case or extra battery pack included. You do get a Betty Bearcat Freq Starter guide though. :-)

More than anything, the big questions for me are if the audio quality has been improved over the BC2500XLT and if 15dB of attenuation is too much (when you are trying to get rid of intermod). Plus, can you still enable 25kHz steps in the civilian airband?

At one time, Uniden had foldouts for manuals (ie BC200XLT). They've gone full circle and are now publishing a 52 page manual and loading up the scanner itself with stupid warning beeps. Unbelievable. They think that absolute beginners will be buying their new $400 scanner and need to be beeped to death to keep them out of trouble.

Also, make believe that you are listening to cell images (which you'd never do <g>) and notice that there are a lot of times where you have an unmodulated carrier (waiting for the phone connection to be made OR a person is put on hold). Previously, with a Uniden scanner that has Data Skip OR a GRE scanner with Sound Squelch, you'd turn off the Data Skip or Sound Squelch so that the scanner wouldn't sample the dead carrier and then continue onward. NOW, the stupid thing will beep at you until you are forced to manually hit HOLD. Again, unbelievable.

-Jeff, CIS HamNet Scanning Sysop

7280. Re: deceptive advertising from radio shack

Newsgroup: rec.radio.scanner
Date: 1994-12-24 01:17:59 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.941223171620.11611A-100000-100000@holmes.ece.orst.edu>
Source record: 263903

On 23 Dec 1994, Eric Hollander wrote:

> anyway, i have a question. i am interested in a ham radio which has (or is
> modifiable to have) the following stuff on it:
>
> * full coverage from about high vhf to 1ghz.
>
> * fm and am on all ranges (ssb would be really nice)
>
> * some way of doing computer control
>
> * hand held
>
> does such a thing exist?
>
> thanks,

I don't know if an HT does but Trident sells a few models that do all of
that and go up to 2GHz (cell lock out of course).

7281. Re: BC2500XLT Celular Restore Date OGID?

Newsgroup: rec.radio.scanner
Date: 1994-12-24 01:18:14 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3dfssmspe1@mhade.production.compuserve.com>
Source record: 263869
Cross-posted to: rec.radio.scanner,alt.radio.scanner

No, it cannot be restored in a July 1994 (OGID) scanner. Last restorable ones were manufactured in Dec 1993 (OLIC).

7282. Re: How to reach AOR?

Newsgroup: rec.radio.scanner
Date: 1994-12-24 01:19:06 UTC
From: schuster@panix.com
Message-ID: <3dfsua$kkm@panix3.panix.com>
Source record: 263891

In article <michael.ayotte-2312941533450001@rsg-av.com>,
Michael Ayotte <michael.ayotte@netcom.com> wrote:
>I would like to send AOR email or SnailMail but the only address is:
>AOR, LTD.
>2-4-6 Misuji, Taito-ku, Tokyo 111
>Japan. Tel 03 3865 1681
>
>I was hoping for a US office Address or even better an email address. Does
>anyone have any information?

The US distributor is EDCO ... they advertise in most radio mags
regularly.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

7283. Re: deceptive advertising from radio shack

Newsgroup: rec.radio.scanner
Date: 1994-12-24 01:23:25 UTC
From: ddillon@csulb.edu
Message-ID: <3dft6d$jia@garuda.csulb.edu>
Source record: 263892

: i was down at radio shack today, looking for a scanner, a ham, or both.
: looking through the catalog, i saw in big lettering things like "COVERS THE
: 800MHZ BAND". i thought, great, that's the band i want. all of it. for
: use outside the us, of course.

The rad shack is known for deceptive sales and advertising... so
I have heard :)

: anyway, i have a question. i am interested in a ham radio which has (or is
: modifiable to have) the following stuff on it:

: * full coverage from about high vhf to 1ghz.

: * fm and am on all ranges (ssb would be really nice)

: * some way of doing computer control

: * hand held

: does such a thing exist?

Well, Not quite. You can that kind of thing by spending about
$750 and doing a little modifications and other tricks. This will work
for reception only, and will not be hand held protable. You cna get the
R/S pro2006, install the optoscan 456 board, and then do the 455Khz IF
output jack mod to your scanner, and hook that to the antenna jack of
your hf shortwave receiver. This is what I plan on doing. It is not as
difficult as it sounds.
the 456 is a board that installs into the pro2006, that allows
continuous (almost) coverage with complete pc control, logging, ctcss and
dtmf decoding. Ctcss squelch, and the whole bit. the IF mod allows you
to use the scanner to scan freqs, and your other receiver to pick up AM,
sideband, upper and lower, CW, ect. All ya do is a little solder job,
and a few little things, install a jack, and run a cable to the other
radio.
gotta love it.

7284. Re: New Pro-43 (Modified) for Sale

Newsgroup: rec.radio.scanner
Date: 1994-12-24 01:44:22 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-2312941944450001@net243.metronet.com>
Source record: 263893
Cross-posted to: rec.radio.scanner,rec.radio.swap

In article <3df6ne$17bl@tiger1.ocs.lsu.edu>, dbaker@tiger.lsu.edu (David B Baker) wrote:

: Yep, they still have them in stock, and they are now $285...
: Try lowering the price.
: Dave

That's great. How much does it cost to modify the scanner? Many people can't do this themselves. Add sales tax, and I think I'm reasonable. Besides, I've already got several people interested.

Thanks for your concern.

--
Marc B. Grant
marcbg@metronet.com
Amateur Radio N5MEI

7285. Re: Hot BC3000XLT info!

Newsgroup: rec.radio.scanner
Date: 1994-12-24 02:33:12 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3dg198ai1@mhade.production.compuserve.com>
Source record: 263894

In addition to the long message about the BC3000XLT, I want to add these notes:

You still can't use Data Skip when in the AM mode.

Data Skip is still ineffective against trunking tones.

You can now search Up OR Down in frequency with the BC3000XLT.

-Jeff

7286. I'm new and need help.

Newsgroup: rec.radio.scanner
Date: 1994-12-24 03:02:17 UTC
From: enigma@anshar.shadow.net
Message-ID: <3dg2vp$2h2@anshar.shadow.net>
Source record: 263895

I'm interested in buying a scanner but have know idea what to
buy. If anyone could recommend a product to me at a fair
price please email. I'm not looking to buy over the Internet
I just want information. Also, if anyone can direct me
to a FAQ, please mail me.

--
enigma@shadow.net
73201.1245@compuserve.com
SEND FLAMES TO: kiss@my.ass

7287. Re: Tulsa, OK race freqs wanted

Newsgroup: rec.radio.scanner
Date: 1994-12-24 03:46:19 UTC
From: darian@mcs.com
Message-ID: <IBq-kyeTVTbN066yn@mcs.com>
Source record: 263878
Cross-posted to: rec.radio.scanner,alt.radio.scanner

BTW, the race will be at the Tulsa Coloseium if that helps anyone!
Thanks again...and Merry Christmas!! :)

Darian Mychals
(darian@mcs.com)
--

+---+
| Darian Mychals darian@mcs.com |
| PC specialist/Network troubleshooter by day... |
| Emergency Medical Technician (EMT) by night! |
| =-=-=-=-=-=-=-=-=-=-=-=-=-=-= |
| ftp: ftp://ftp.mcs.com/mcsnet.users/darian |
| WWW: http://www.mcs.com/~darian/home.html |
+---+

7288. Re: AR8000 - Reprogramming the "Auto" settings HOW?

Newsgroup: rec.radio.scanner
Date: 1994-12-24 04:28:37 UTC
From: dfleming@earth.execpc.com
Message-ID: <3dg81l$cg6@homer.alpha.net>
Source record: 263896

Michael Ayotte (michael.ayotte@netcom.com) wrote:
: I have had the European version of the AR8000 and the interface for about
: 5 days now, and would like to reprogram the Step and Modulation defaults
: but I am not sure how. I know how to manual overide them but I would
: prefer to actually change the defaults. Also what are the step and
: modulation defaults for the US.

: I got the following from my Pro-2004 Manual. I am sure the step size is
: not the channel spacing but some devision of it. I welcome any all
: comments.

: 25 - 29.995 AM 5kHz
: 30 - 87.995 NFM 5kHz
: 87.5 - 107.995 WFM 50kHz (I know FM broadcast is 200k channel spacing)
: 108 - 135.995 AM 12.5kHz
: 136 - 224.995 NFM 5kHz
: 225 - 520 NFM 12.5kHz
: 520 - 760 ??? ??? (any Ideas)
: 760 - 823.995 NFM 12.5kHz
: 824 - 845 ?? ??? (30kHz channel Spacing)
: 845 - 869 NFM 12.5kHz
: 869 - 890 ?? ??? (30kHz channel Spacing)
: 890 - 1300 NFM 12.5kHz

I also have just purchased the European version of the AR-8000 from
Javiation. What is the difference between the overseas model and the
American one other than unblocked cellular? Are the European frequencys
stepped differently than American freqs? I hope I have not made a big
mistake by getting the European version go this GREAT radio. (I hear
it's great but I just started to read the 120 page volume that came
with the radio.)

Any and all comments about the 8000 will be welcomed and appreciated..

7289. PRO 2032 -Please Read

Newsgroup: rec.radio.scanner
Date: 1994-12-24 05:08:52 UTC
From: rexp@bu.edu
Message-ID: <3dgad4$6tu@news.bu.edu>
Source record: 263897

Ok,there are 4.2 million people who want to know if the PRO 2032 can be modified to receive the cell phone frequencies. I too would like this information. The problem seems to be that there is no one answer. I have a date code 2A4 scanner with no orange dot. Older 2032's came native with cell capabilities, I assume. At some point the powers that be took that away. The question is can you go back. And is there an even later revision that makes mods impossible, as has been implemented on many of the other "newer" models? I really do not know, but would greatly appreciate the help from anybody who does. Thanks very much in advance.

7290. Re: Las Vegas Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-12-24 05:19:56 UTC
From: cremer@delphi.com
Message-ID: <9412240019591.DLITE.cremer@delphi.com>
Source record: 263900

Chris O'Donnell wrote:

>Greetings fellow scanners,
> I'm fairly new to this scanning deal but am very impressed by the
>possiblities. If anyone in the Las Vegas area can give me some freqs. I
>would really appreciate it! Post here or e-mail me at
>odonnel@nevada.edu
>Thanks.
>
>

Here is what I put together while I was visiting my Sister there last
Thanksgiving. (Don't mind the commas, its in CE232 APF format):

FD,,462.9750,,d,,AMERICAN AMB.
FD,,155.0400,,d,,BOULDER CITY FD
FD,,153.7700,,d,,CLARK COUNTY FD
FD,,153.9500,,d,,CLARK COUNTY FD
FD,,154.2050,,d,,CLARK COUNTY FD
FD,,154.3400,,d,,CLARK COUNTY FD
FD,,453.1000,,d,,CLARK COUNTY FD F2 COUNTY WEST
FD,,453.7000,,d,,CLARK COUNTY FD F3 COUNTY EAST
FD,,154.4300,,d,,CLARK COUNTY FD LAS VEGAS
FD,,462.9750,,d,,COUNTY PARAMEDICS
FD,,467.9750,,d,,COUNTY PARAMEDICS
FD,,468.1750,,d,,COUNTY PARAMEDICS
FD,,154.2050,,d,,FIRE CHIEFS RADIOTELEPHONE NET
FD,,154.2950,,d,,FIRE CHIEFS RADIOTELEPHONE NETFD,,155.2800,,d,,FLIGHT FOR LIFE
FD,,158.9400,,d,,FLIGHT FOR LIFE
FD,,155.2800,,d,,FLT FOR LIFE LIFE GUARD 1
FD,,123.3000,,d,,INTERSTATE AIR AMBLUANCE
FD,,155.1600,,d,,INTERSTATE AIR AMBULANCE
FD,,47.4600,,d,,JEEP POSSE SEARCH & RESCUE
FD,,155.3700,,d,,JEEP POSSE SEARCH & RESCUE
FD,,154.0340,,d,,LAS VEGAS FD
FD,,458.1000,,d,,LAS VEGAS FD
FD,,458.1500,,d,,LAS VEGAS FD
FD,,458.4000,,d,,LAS VEGAS FD
FD,,458.7000,,d,,LAS VEGAS FD
FD,,453.1500,,d,,LAS VEGAS FD F1 CITY EAST
FD,,453.4000,,d,,LAS VEGAS FD F4 CITY WEST/NO. LAS VEGAS
FD,,154.4300,,d,,LAS VEGAS FD FIRE PREVENTION
FD,,154.3400,,d,,LAS VEGAS FD FIREGROUND
FD,,154.3700,,d,,LAS VEGAS FD FIREGROUND
FD,,155.3400,,d,,MERCY 340

FD,,155.1750,,d,,MERCY AMB.
FD,,155.2050,,d,,MERCY AMB.
FD,,154.2500,,d,,NORTH LAS VEGAS FD
FD,,461.4500,,d,,PARAMEDICAL SERVICES
NS,,161.6400,,d,,KDWN RADIO TRAFFIC
NS,,161.6700,,d,,KENO RADIO
NS,,151.6850,,d,,KLAB TV
NS,,450.8500,,d,,KLAS TV CH 8
NS,,450.8500,,d,,KLAS TV-8 REMOTE
NS,,450.5500,,d,,KLAS TV-8 REMOTE (LIVE CUES)
NS,,450.2500,,d,,KLAS TV-8 REPORTERS
NS,,161.7300,,d,,KLUC RADIO TRAFFIC
NS,,455.5100,,d,,KLVX TV-10
NS,,161.7000,,d,,KNEWS RADIO REPORTERS
NS,,161.7600,,d,,KORK RADIO
NS,,463.5250,,d,,KSHO CH-13 TV
NS,,450.4850,,d,,KTNV TV-13CH. 1 REMOTE
NS,,450.6150,,d,,KTNV TV-13CH. 2 REPORTERS
NS,,151.8050,,d,,KVBC TV-3 REPORTERS (NBC aCNN)
PD,,153.9350,,d,,CONVENTION CENTER SECURITY/OPERATIONS
PD,,148.3500,,d,,DEPARTMENT OF ENERGY (NEVADA TEST SITE)
PD,,453.9250,,d,,DISTRICT ATTORNEY (INVESTIGATIONS)
PD,,149.3500,,d,,METRO BODY MICROPHONES
PD,,154.6950,,d,,METRO BODY MICROPHONES
PD,,154.9950,,d,,METRO BODY MICROPHONES
PD,,165.9125,,d,,METRO BODY MICROPHONES
PD,,167.3375,,d,,METRO BODY MICROPHONES
PD,,167.3425,,d,,METRO BODY MICROPHONES
PD,,167.4875,,d,,METRO BODY MICROPHONES
PD,,168.0115,,d,,METRO BODY MICROPHONES
PD,,169.2000,,d,,METRO BODY MICROPHONES
PD,,171.4500,,d,,METRO BODY MICROPHONES
PD,,172.0000,,d,,METRO BODY MICROPHONES
PD,,172.2000,,d,,METRO BODY MICROPHONES
PD,,173.3375,,d,,METRO BODY MICROPHONES
PD,,171.6000,,d,,NV. NARCOTICS DIV.
PD,,172.0000,,d,,NV. NARCOTICS DIV.
PP,,155.8800,,d,,AIRPORT SUB STATION
PP,,155.5500,,d,,CLARK COUNTY SHERIFF
PP,,453.0000,,d,,CLARK COUNTY SHERIFF
PP,,453.2500,,d,,CLARK COUNTY SHERIFF
PP,,453.4500,,d,,CLARK COUNTY SHERIFF
PP,,453.6500,,d,,CLARK COUNTY SHERIFF
PP,,154.6500,,d,,METRO COUNTY
PP,,154.7100,,d,,METRO COUNTY
PP,,154.7400,,d,,METRO COUNTY
PP,,155.2500,,d,,METRO COUNTY
PP,,155.7300,,d,,METRO COUNTY
PP,,156.0300,,d,,METRO COUNTY
PP,,460.2000,,d,L,METRO COUNTY DATA CHANNEL

```
PP,,460.5250,,d,L,METRO COUNTY DATA CHANNEL
PP,,465.2000,,d,,METRO COUNTY
PP,,155.9100,,d,,METRO COUNTY DETECTIVES AND INTELLIGENCE
PP,,156.2100,,d,,METRO COUNTY DETECTIVES/VICE CAR TO CAR
PP,,154.8900,,d,,METRO COUNTY SPECIAL EVENTS
PP,,154.7550,,d,,METRO COUNTY TRAINING UNITS
PP,,155.5200,,d,,METRO COUNTY TRAINING UNITS
PP,,155.3700,,d,,METRO PD & COUNTY (SEARCH & RESCUE)
PP,,159.1500,,d,,METRO PD F1 INFO (WANTS & WARRANTS)
PP,,159.0900,,d,,METRO PD F2 SOUTH PATROL (SOUTH OF SAHARA)
PP,,158.8500,,d,,METRO PD F3 (CAR TO CAR/AIRPORT/SEARCH & RESCUE)
PP,,158.7450,,d,,METRO PD F4 EAST PATROL (NORTH OF SAHARA)
PP,,159.2100,,d,,METRO PD F5 CAR TO CAR (TAC 1)
PP,,159.0300,,d,,METRO PD F6 WEST PATROL SOUTH OF SAHARA
PP,,158.7900,,d,,METRO PD F7 ADMIN. (DETECTIVES/ID)
PP,,158.9700,,d,,METRO PD F8 NARCOTICS /VICE
PP,,158.9400,,d,,METRO PD F9 (MUTUAL AID CIVIL DEFENSE)
PP,,150.7750,,d,,METRO SWAT PORT.
PP,,150.7900,,d,,METRO SWAT PORT.
PP,,154.8300,,d,,METRO SWAT SWAT VICE NARCOTICS
PP,,154.8450,,d,,NO. LAS VEGAS PD
PP,,158.8100,,d,,NO. LAS VEGAS PD
PP,,158.9800,,d,,NO. LAS VEGAS PD?????????
PP,,460.0750,,d,,NORS VEGAS PD
PP,,460.0500,,d,,NORTH LAS VEGAS PD F2
PP,,460.1250,,d,,NORTH LAS VEGAS PD F3 DISPATCH
PP,,42.9400,,d,,NV. HIGHWAY PATROL 1 BASE
PP,,42.7800,,d,,NV. HIGHWAY PATROL 2 MOBILES
PP,,42.7000,,d,,NV. HIGHWAY PATROL 3 UNIT TO UNIT
PP,,42.8800,,d,,NV. HIGHWAY PATROL 4 DISPATCH BASE aMOBILE
PP,,42.5600,,d,,NV. HIGHWAY PATROL 5 CAR TO CAR
PP,,42.5800,,d,,NV. HIGHWAY PATROL 6 STATE AGENCIES (CAPITOL GAMING)
PP,,42.5000,,d,,NV. HIGHWAY PATROL 7 CAPITOL POLICE GAMING CONTROL
PP,,42.8200,,d,,NV. HIGHWAY PATROL 8 NORTHERN NEVADA
PP,,42.8600,,d,,NV. HIGHWAY PATROL 9 NORTHERN NEVADA
PP,,42.7800,,d,,NV. HIGHWAY PATROL ANGEL PEAK
PP,,42.1200,,d,,NV. HIGHWAY PATROL TRAFFIC RADAR
PP,,155.4750,,d,,NV. POLICE NETWORK
```

7291. Re: discone from Radio Shack

Newsgroup: rec.radio.scanner
Date: 1994-12-24 05:22:23 UTC
From: dctrhappy@aol.com
Message-ID: <3dgb6f$c99@newsbf02.news.aol.com>
Source record: 263898

```
: Bill Cheek has recomended attaching a verticle element to the discone.

-Here's to Bill !!!!

|
-|-
/|\ It's a discone.. weeee...
|
|
```

7292. Re: uniden 900 mhz phone

Newsgroup: rec.radio.scanner
Date: 1994-12-24 05:25:12 UTC
From: dctrhappy@aol.com
Message-ID: <3dgbbp$c9q@newsbf02.news.aol.com>
Source record: 263899

:How did this device (with apparently no specific frequencies or limits)
get
:FCC approval?FCC approval?

-It has limits. I believe it switches between 23 different freqs within
903-929..... I could be wrong.

7293. Re: SCANNING ON PASSENGER

Newsgroup: rec.radio.scanner
Date: 1994-12-24 05:29:26 UTC
From: dctrhappy@aol.com
Message-ID: <3dgbjm$cbc@newsbf02.news.aol.com>
Source record: 263901

:You gotta be nuts if you think turning on your BEarcat is
:gunna hurt their navcom.

I agree. I believe that it's more of a liabitlity issue. Since the radiation therotically COULD interfere, they just say DON'T DO IT...but if you did do it, it probably wouldn't prove determental. However, I probably won't scan my flight coming up....

7294. Re: 954.45MHz Sacto, CA, what is it?

Newsgroup: rec.radio.scanner
Date: 1994-12-24 05:38:13 UTC
From: Mike Fletcher <fletcher@gate.net>
Message-ID: <Pine.A32.3.90.941224003417.50551A-100000@hopi.gate.net>
Source record: 263902

On 23 Dec 1994, Rice Cube wrote:

> I stumbled on a freq - 954.45MHz that has nothin but "elevator
> music". Can someone confirm this. I also get the same 1.97MHz above
> but it is weaker and I assume it's just an image from my IF stage.
> Hence, I'm not sure that even 954.45 is correct.

Likely to be Muzak or another "elevator" service. the freq is a multiple address microwave service channel and is used for program distribution like muzak, stock data etc, and some are used for 2 way telemetry such as water, sewer, oil pipelines etc.

good scanning

> There's also another music station about 946.39 (I think) plus
> or minus a few 100KHz.
>
> __\/__
> . / ^ _ \ .
> #### |\| (o)(o) |/| #### ####
> # #-----.OOOo----oo----oOOO.------# #--------------------------------# #
> # # I was told to "Hang in there" # # tching@water.ca.gov # #
> # # I've been hanging too long. # # Calif. Dept. Water Resources # #
> # # -Tracy Ching # # (916) 654-7465 # #
> # #_________________Oooo._________# #_________________________________# #
> # # .ooo0 ( ) # # # #
> # # ( )) / # # # #
> # # \ ((_/ # # # #
> # # _) # # # #
>
>

7295. Pro-43 in Car

Newsgroup: rec.radio.scanner
Date: 1994-12-24 05:54:17 UTC
From: bdodge@ucsvax.sdsu.edu
Message-ID: <bdodge-2312942154170001@130.191.147.226>
Source record: 263904

I'd like to be able to occasionally install my Pro-43 in my 89 Honda. I know I can get power from the never-used cigarette lighter, but I don't know about the other two necessary connections:

1) What's the best way to mount it so that I can get to the keypad? I'd rather not mess up the visible parts of the dashboard with holes. Is there something that's stable but temporary like a drink-cup holder?

2) The antenna. Can I use a splitter and matching transformer (or something) to make use of the existing AM/FM antenna? I don't expect to do great DXing with this setup... just pick up police calls and perhaps local media folks for entertainment while I drive.

Any pointers to appropriate products will be gratefully read.

::: Bernie :::

Bernie Dodge, Ed Tech Dept, San Diego State University

7296. PRO-43 or AOR1500/8000...

Newsgroup: rec.radio.scanner
Date: 1994-12-24 06:15:38 UTC
From: hemstree@handel.cs.colostate.edu
Message-ID: <HEMSTREE.94Dec23231538@handel.cs.colostate.edu>
Source record: 263905

I have a PRO-43 that I recently got for graduation. I have checked this group out and it seems that there are other scanners to be had. I have a friend that has the AOR-3000 and he raves about it. I can trade in the PRO-43 for about $285 (the new Radio Shack price). I hear the AOR1500/8000 are great scanners. Could anyone help me with this decision?

Thanks,
Charles
--
!===!
! Charles H. Hemstreet IV !internet: hemstree@handel.cs.Colostate.Edu !
! Colorado State University ! Professional College Student !
!===!

7297. Re: S.FL Scanner Groups?

Newsgroup: rec.radio.scanner
Date: 1994-12-24 06:51:27 UTC
From: vicdevore1@aol.com
Message-ID: <3dggdf$cp7@newsbf02.news.aol.com>
Source record: 263906

Hey, I live in Coral Springs, and Im making a $500 investment to scanning.
A scanner group does sound cool, let me know if you find anything!
-- Victor DeVore

VicDeVore1@aol.com

7298. Technical Help on Scanners?

Newsgroup: rec.radio.scanner
Date: 1994-12-24 07:05:42 UTC
From: vicdevore1@aol.com
Message-ID: <3dgh86$csh@newsbf02.news.aol.com>
Source record: 263907

Scanners sure can be complicated. Im looking into a Trident 2400. It has "increments" of 1KHz to 995KHz. Whats that mean? It has "IF" of 561.225; 58.075; 455KHz; 10.7MHz. Whats that mean? It has a VFO and a BFO knob. 10db attenuator switch. Signal strength meter. Whats it all mean? Im gonna go crazy! I would appriciate any and all help possible. HAPPY HOLIDAYS! Thanks for the help!
-- Victor DeVore

VicDeVore1@aol.com

7299. Re: TR-2400

Newsgroup: rec.radio.scanner
Date: 1994-12-24 08:05:55 UTC
From: dadams@netcom.com
Message-ID: <dadamsD1B2Hv.6xr@netcom.com>
Source record: 263910

In article <3cv6b3$8mm@newsbf01.news.aol.com> slikvicman@aol.com (SlikVicMan) writes:
>From what I know, ACE Communications will Unlock Cell for you on request
>upon purchase.

No, actually they will LIE to you about such a mod being available.

7300. Re: TR 2400

Newsgroup: rec.radio.scanner
Date: 1994-12-24 08:07:25 UTC
From: dadams@netcom.com
Message-ID: <dadamsD1B2KD.72L@netcom.com>
Source record: 263912

In article <3cv775$8qi@newsbf01.news.aol.com> slikvicman@aol.com (SlikVicMan) writes:
>I would GREATLY like some opinion on this 449 1Mhz - 2060MHz scanner?

I had one for about a day, but sent it back due to various defects.

It sounds great in the ads at least...

7301. Wanted modifiable Pro-43 or Icom R-1

Newsgroup: rec.radio.scanner
Date: 1994-12-24 08:11:09 UTC
From: "CLARK, BRIAN ALEXAND" <SALTYDOG@MUSIC.CC.UGA.EDU>
Message-ID: <24DEC94.03440701.0008@UGA.CC.UGA.EDU>
Source record: 263909

I'm looking to buy a modifiable Pro-43 or maybe spend a little bit more
and buy an Icom R-1. I have not decided which route I will take, but I
would like anyone with advise or either for sale to E-mail me with
details. I definately want one that is modifiable and am currently
leaning toward the Icom because of its continuous band coverage. I am
just getting into the hobby and need information and advise.
Also I would like to know of any upcoming hamfests in the vicinity of
Athens or Atlanta, Ga.
Thanks,
Salty

7302. Re: TR-2400

Newsgroup: rec.radio.scanner
Date: 1994-12-24 08:17:05 UTC
From: dadams@netcom.com
Message-ID: <dadamsD1B30H.7o1@netcom.com>
Source record: 263913

In article <RAlpert-1812941608110001@199.3.131.108> RAlpert@qm.ATTAIN.com (Robert Alpert) writes:
>I bought a Trident TR2400 from ACE and they said they supplied mods for
>receiving cell freqs, but when I received the unit the mods were a list of
>image frequencies that mapped to the cell band.

Yep. When I placed the order I asked them *specifically* over and over about removing the cellular lockout, and they assured me there was a mod to do exactly that. What a bunch of BSers.

>My TR-2400 died after about an hour of using it, and I returned it.

Lucky you, mine came with several defects right out of the box. :> Every other 2400 owner i've heard from has said their unit died within the first weeks of using it, so i'm sure mind would have done the same if I kept it.

>By the way, the people at Ace were very pleasant to deal with, and they
>shipped the unit within a couple of days even thought they said it would
>take about 2 weeks.

Hmm... lucky you again, they jerked me around for about a month. Every time I called back I was told it would be sent in x-number of days, but it never was. When I called back for about the forth time after several weeks (naturally rather ticked off), they sent me a defective one right away. Somehow I doubt i'll be buying anything else from this outfit... :>

7303. Need modifiable Pro-43 or Icom R-1

Newsgroup: rec.radio.scanner
Date: 1994-12-24 08:41:05 UTC
From: "CLARK, BRIAN ALEXAND" <SALTYDOG@MUSIC.CC.UGA.EDU>
Message-ID: <24DEC94.03979756.0153@UGA.CC.UGA.EDU>
Source record: 263908

I want to buy a modifiable Pr0-43 or Icom R-1. I would appreciate it if anyone interrested in selling either or who has some advise as to if I should spend the extra money to get the Icom would E-mail me. I am just getting into the hobby, but have a pretty good understanding of it and would appreciate greatly any information that could enhance my understanding of it. I am currently leaning toward getting the Icom because of its continuous coverage and excellent reputation. Any help or info would be great. If writing to sell scanner please give asking price.
Thanks,
Salty

7304. Re: WTB "Executive Protection Products"

Newsgroup: rec.radio.scanner
Date: 1994-12-24 09:25:15 UTC
From: GCerny@ix.netcom.com
Message-ID: <3dgpdr$kf0@ixnews2.ix.netcom.com>
Source record: 263911

In <3da2o8$qtj@adam.spu.edu> rsharp@paul.spu.edu (Ron) writes:

>
>Looking for used surveillance and countermeasures equipment.
>

Why? All the scumballs and us hackers already have 'em.

7305. Re: PRO-43 or AOR1500/8000...

Newsgroup: rec.radio.scanner
Date: 1994-12-24 10:20:41 UTC
From: Flying Turtle <vic@ping.com>
Message-ID: <3dgslq$moj@nntp.crl.com>
Source record: 263916

>
> I have a PRO-43 that I recently got for graduation. I have checked
> this group out and it seems that there are other scanners to be had.
> I have a friend that has the AOR-3000 and he raves about it. I can
> trade in the PRO-43 for about $285 (the new Radio Shack price). I
> hear the AOR1500/8000 are great scanners. Could anyone help me with
> this decision?
>

The pro 43 is a formerely great radio and still is for the price.
It has been DISCONTINUED by radio shack an is no longer available except for
store returns and or small town dealers that don't get that much tracffic.
They will sell it to you for $249 if they have one.

The AR8000 is not compareable to anything. It is a great
radio with extensive features that are not found in any
other hand held. It is expensive and complicated.
It can take a awhile to even learn how to use and therefore
isn't especially suited for a newbie to radio and or computers.
If you can afford another $300 and you really are into both
computers and radio then you are doing yourself a disservice
by not looking carefully at the AR8000. More information on the AR8000
is being added to a ftp location for your benefit.
try ftp://ftp.crl.com/users/ro/vhealey/www/ and you will find at least
one file on the AR8000 and others as I get time this weekend to put them there.
html files require a web brower and the pure text form will be zipped.

Vic Healey ki4je
emailto:vhealey@crl.com

7306. Re: deceptive advertising from radio shack

Newsgroup: rec.radio.scanner
Date: 1994-12-24 12:01:13 UTC
From: Jason.Low@revenge.cambo.cuug.ab.ca
Message-ID: <fac_9412241518@cambo.cuug.ab.ca>
Source record: 263685

Eric Hollander (hh@scan.Berkeley.EDU) shaped the electrons to say:

>the ad should have said "COVERS THE LESS INTERESTING PARTS OF THE 800MHZ
>BAND".

But it -doesn't- cover the least interesting portion of the 800MHz band--which
is cellular--as it is illegal for people in the US to do so.

Someday maybe McDonald's across the nation will put in phone-ahead service so
you people can get the most of what turns you on.. "Hi, Honey, I'm on my way
home" -and- "Can I have two quarter pounders with cheese".

jason low derran@revenge.cambo.cuug.ab.ca
REMR - PumpA - Part 1 2 3 4 - Driver - V-X Tech - Trench Tech - General Peon

--
|Metronet: Jason Low 201:5500/2722
|Internet: Jason.Low@revenge.cambo.cuug.ab.ca
|
| Via Operation Sundevil, Internet Gateway. Calgary Alberta Canada.

7307. ANY SPEED MODS FOR THE PRO 2022 SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-12-24 12:33:55 UTC
From: Italian Stallion <ape@delphi.com>
Message-ID: <xQ3W3Tb.ape@delphi.com>
Source record: 263914

[A scan rate can someone
please let me know if there is a mod to step up the scan rate on this pro 2022?
thanks for all your inputs, have a nice holiday! Ape

7308. Re: Pro-43 in Car

Newsgroup: rec.radio.scanner
Date: 1994-12-24 12:37:33 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2412940732560001@alexander.terranet.com>
Source record: 263915

In article <bdodge-2312942154170001@130.191.147.226>,
bdodge@ucsvax.sdsu.edu (Bernie Dodge) wrote:

> I'd like to be able to occasionally install my Pro-43 in my 89 Honda. I
> know I can get power from the never-used cigarette lighter, but I don't
> know about the other two necessary connections:
>
> 1) What's the best way to mount it so that I can get to the keypad? I'd
> rather not mess up the visible parts of the dashboard with holes. Is there
> something that's stable but temporary like a drink-cup holder?
>
> 2) The antenna. Can I use a splitter and matching transformer (or
> something) to make use of the existing AM/FM antenna? I don't expect to do
> great DXing with this setup... just pick up police calls and perhaps local
> media folks for entertainment while I drive.
>
> Any pointers to appropriate products will be gratefully read.
>

I haven't checked recently, but Grove sells or used to sell a holder. I
forget the price--about $15. In any case, you can get a drink holder that
will work just as well for about $5. The other option is to attach velcro
to the unit and the dashboard. Rat Shack sells some "super" velcro; other
places must sell it too. Grove also sells an add on that will allow you to
use the auto antenna. I think it's about $20 (and if that's the case,
that's too high). In any case, Rat Shack sells an antenna extender that
clips on the window. I use that and it works pretty well, except when it
rains! The other thing you might want to consider is a CD-cassette adapter
if you have an auto casssette system. It works a lot better than cranking
up the scanner to get over the road noise.

7309. Re: Pro-43 in Car

Newsgroup: rec.radio.scanner
Date: 1994-12-24 13:05:38 UTC
From: dhughes@prairienet.org
Message-ID: <3dh6b2$hvp@vixen.cso.uiuc.edu>
Source record: 263917

Hi Bernie,
Call Transel Technologies at 800-829-8321. Order item T64 for $16.95 plus $5 shipping. This is an adapter Y-cord that connects your car radio antenna to both your car radio and your scanner. I have one and it works fine. This model has a BNC plug to connect to your scanner's antenna jack; for a dollar less, model T63 has a Motorola plug. I think you need the BNC model. Also request their free catalog--lots of interesting scanner accessories. ---Dan
--

7310. Re: Ramsey

Newsgroup: rec.radio.scanner
Date: 1994-12-24 13:45:27 UTC
From: jablow@jablow.overleaf.com
Message-ID: <788276727.45snx@jablow.overleaf.com>
Source record: 263694

```
Ramsey Electronics
1-800-446-2295
I hope this helps
--

--
Marty Jablow D.M.D., WB2WIO
jablow@jablow.overleaf.com
```

7311. Re: Hot BC3000XLT info!

Newsgroup: rec.radio.scanner
Date: 1994-12-24 14:28:58 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3dhb7a$8dt$1@mhade.production.compuserve.com>
Source record: 263919

Also, you can use stereo earphones with the BC3000XLT. Same as with the BC220/120/SC150.

7312. PRO-2006 & PRO-43 w/HB-232 for sale

Newsgroup: rec.radio.scanner
Date: 1994-12-24 14:38:14 UTC
From: stegner@richmond.infi.net
Message-ID: <stegner.6.000EA38E@richmond.infi.net>
Source record: 263924

PRO-2006 and PRO-43 both with HB-232 computer interface installed by Bill Cheek. Includes software, GRE and Grove preamps, and various scanner books. $1000 or best offer.

7313. PRO-2006 with OS/456 for sale

Newsgroup: rec.radio.scanner
Date: 1994-12-24 14:39:32 UTC
From: stegner@richmond.infi.net
Message-ID: <stegner.7.000EA923@richmond.infi.net>
Source record: 263675

PRO-2006 with OS/456 computer interface and TCF-4 ctcss tone finder installed.
Includes Probe and Windows control software and Percon and Grove FCC CD-ROMs.
$600 or best offer.

7314. Bearcat 20/20 for sale

Newsgroup: rec.radio.scanner
Date: 1994-12-24 14:40:12 UTC
From: stegner@richmond.infi.net
Message-ID: <stegner.8.000EABFB@richmond.infi.net>
Source record: 263676

Bearcat 20/20 (pre Uniden) for sale. Hardly used. $60 or best offer.

7315. garbage BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-24 17:08:44 UTC
From: vector@inferno.com
Message-ID: <21916WBULMVXDECIGJX@inferno.com>
Source record: 263920

i had and owned a bc200xlt for 3 years and loved it (until the day it was stolen). never had much of a problem with it. intermod was about as expected for the unit in san jose california (crappy) but most of the time i wasn't very close to downtown where all the 300 watt paging transmitters were. very rugged radio. every handheld i've used or had before have ALL had cold solder joints develop once in a while (about once every 6 to 9 months) on the antenna connector. i abuse my rigs quite a bit but they all get me the info i want when i want it. i like the pro 43 but it's too nice of a radio and a bit too delicate in my opinion for normal drag and drop use when i'm out and about. i'd love to have a 200 xlt again.

greg

vector@inferno.com

7316. Comments on the 2500

Newsgroup: rec.radio.scanner
Date: 1994-12-24 18:35:25 UTC
From: prynda@esu.edu
Message-ID: <3dhpld$hs5@jake.esu.edu>
Source record: 263921

I would like some comments on the bearcat 2500, good and bad. I
am in the market for a continous coverage scanner and have looking at
this unit. I also have been looking at the AOR1000 and would also would
like any comments. Thanks for the info

Sam Prynda
East Stroudsburg

7317. **** For Sale: PRO-2006 Scanner ****

Newsgroup: rec.radio.scanner
Date: 1994-12-24 19:29:22 UTC
From: old-salt@li.net
Message-ID: <3dhsqi$cqn@linet01.li.net>
Source record: 263922

```
For Sale
Realistic Pro-2006 Scanner
With Cell and Speed Mods done.
Asking $350 (negotiable)
Well throw in 50 feet of Belden 9913 Coaxial Cable
With 2 BNC connectors
Buyer pays shipping and insurence
------------------------------------------------------------------------
For Sale Scanner Books
Scanner Modification Handbook I & II $15
Scanner Master New York/Northen NJ Guide $10
The Scanner Listener's Handbook $5
Coast Guard Radio $5
"Top Secret" Registry of U.S. Govt Radio Freqs 7th Ed. $10
Latest Intelligence (Hardbound) $10
Directory of North American Military Aviation $5

Please respond by E-Mail

--
------------------------------------------------------------------------
| Old Salt | old-salt@li.net |
| "Freedom's just another word for nothing left to lose" - J. Joplin |
------------------------------------------------------------------------
```

7318. Re: PRO 2032 -Please Read

Newsgroup: rec.radio.scanner
Date: 1994-12-24 19:30:43 UTC
From: Winston <76666.1001@CompuServe.COM>
Message-ID: <3dhst3$6d9$2@mhadf.production.compuserve.com>
Source record: 263923

Just scan in the 894-916 MHZ range- you will hear the 1st harmonic of your 'blocked' cell band quite well- no mods necessary. This is due to the fact your unit probably has in Intermediate Frequency of 21.4 MHz.

--
In the pursuit of excellence in everything said and done...

7319. PRO-62 mods?

Newsgroup: rec.radio.scanner
Date: 1994-12-24 20:21:00 UTC
From: milliron@ix.netcom.com
Message-ID: <3dhvrc$rqu@ixnews1.ix.netcom.com>
Source record: 263677

Are there any modifications for the Radio Shack PRO-62 scanner?

7320. REQ: Email Fast Food Freqs

Newsgroup: rec.radio.scanner
Date: 1994-12-24 20:24:05 UTC
From: dan@robbins.win.net
Message-ID: <25@robbins.win.net>
Source record: 263678

Recently, someone posted all the fast food frequencies (ie,
drive-thru/headset wireless). Could someone email that list to me
because I am not able to obtain the newsgroup.

Thanks in advance,

Dan

--- ////
Dan Robbins o,o dan@robbins.win.net
314 Patricia Drive \-/ p1robins@exnet.iastate.edu
Ames, IA 50010 ^ Home (515) 233-4621

7321. Re: Need modifiable Pro-43 or Icom R-1

Newsgroup: rec.radio.scanner
Date: 1994-12-24 20:41:35 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3di4mt$64k@newshost.lanl.gov>
Source record: 263681

The Icom is much smaller covers more but the Pro-43 has a
much better tuner. If you want all of the 800 mHz you have to
get an older Pro-43 or R-1 but before you worry about that I suggest you
listen to those frequencies for a while. I got over that interest
in about 20 minutes. Happy Holiday Jerry

7322. Re: Philly POLICE 911 call transcripts

Newsgroup: rec.radio.scanner
Date: 1994-12-24 20:55:46 UTC
From: Tyson@ods.sol.net
Message-ID: <029998KOGNCTEOPHIAFR@ods.sol.net>
Source record: 263682

Right On brother Shawn.
When you take classes in 911 dispatch you have to learn to stay calm
nomatter what. If that was my kid i'll tell you i'd own the city after i
toke them to court and all of the 911 dispatcher's would loss there
jobs.
IS>>Is this what the fuss is all about? I read through the transcript of the
IS>>Phila 911 tapes and quite frankly I don't see any examples of excessive
IS>>rudeness. All I get here is some poor police dispatcher telling a caller
IS>>not to be rude. 911 dispatchers have to deal with all kinds of people in
IS>>a course of a shift and have to calm down the excited ones to be able to

IS>Oh please. There is a BIG difference between a dispatcher asking a caller
IS>to calm down and saying things like "if you don't calm down he doesn't get
IS>any help." The 911 dispatchers in this case acted in a near criminal manner
IS>not to mention their arrogance and rudeness. I must say, if I was the fathe
IS>brother, or friend of the victim who died due to their pathetic job
IS>performance, they would not only have lost their job due to that incident.

IS>Shawn

--
Online Data Systems - Milwaukee, WI
(414) 761-5120 - 300/1200/2400
(414) 761-5133 - 9600/14400
(414) 939-4670 - SouthEastern WI

========================= !!! Automated Notice !!! ======================
E-mail replies to this user should have the following on the first line
of message text: TO: Tyson
==

7323. Re: PRO-62 mods?

Newsgroup: rec.radio.scanner
Date: 1994-12-24 21:09:36 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3di2mg$7en$1@mhadg.production.compuserve.com>
Source record: 263679

Having talked to someone who would "know" about whether there's a mod or not, there is absolutely no cell mod for the Pro62. The Pro62 is, however, a terrific new scanner and has no problem getting cell stuff with the GRE Super Converter.

-Jeff

7324. Basic BC855XLT question

Newsgroup: rec.radio.scanner
Date: 1994-12-24 21:26:06 UTC
From: daver@ux1.cso.uiuc.edu
Message-ID: <3di3le$p6t@vixen.cso.uiuc.edu>
Source record: 263680

Hi all,
My wife (brillant woman who knew I was thinking about buying a scanner) bought me a Uniden/Bearcat 855XLT for Christmas. It was the floor model and didn't come with a manual. I've figured out most things, and am happily scanning Champaign county police and fire stuff as we speak.

Can anybody give me a hand with the limit, search, and hold buttons? In every combination I use search, I get an "error" on the display. Hold doesn't seem to do what I figure it would, which is stop scanning when I hear something I want to stay with.
Limit beeps at me, but doesn't seem to do anything.

Alternatively, does anyone know if I can call Uniden and get a copy of the manual? Or if there is a web or ftp site? Any pointers would be appreciated (including a phone number to call Uniden)

Thanks
David Ruby CCSO University of Illinois - Urbana daver@uiuc.edu
---
"No thanks sir, we're just here to break stuff" - Beavis & Butthead

7325. Re: Mods for Bearcat 220XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-24 22:23:12 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D1C66o.9qA@nntpa.cb.att.com>
Source record: 263683
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3di2rl$7en$2@mhadg.production.compuserve.com>,
Jeff Goldman <76703.4224@CompuServe.COM> wrote:

>Why would you think there'd be a cellular mod if the radio was made
>either in April or after April??? You aren't going to magically find one.
>Naturally, if you want to import a UK version of the radio, the UBC220XLT,
>then you'll get uncut coverage. You won't have VHF-Lo; in its place you'll
>get 66-88MHz. But, you will have cellular intact... in 12.5kHz steps.

Yes, even the new BC220XLT can be modified.

While it may be true that the cell band cannot easily be restored by
moving a single diode on the microprocessor's input port, there's
almost always a way to obtain expanded capability in a receiver.

1) You can find and exploit a hardware/firmware bug, as I did when I
got the Icom R71A to tune below 100 kHz. (see my article in
April 1985 Monitoring Times.)

2) You can find a design flaw, like using the test frequencies
and the DIRECT key in certain Uniden-manufactured Radio Shack scanners.

3) You can always alter a receiver unless the
circuitry is encapsulated in epoxy. If you feel comfortable
with electronics, I encourage you to buy a service manual,
become acquainted with the circuitry, and *experiment*.

If you still doubt that the latest batch of scanners can be modified,
read Steve Donnell's article in January 1995 RCMA Scanner Journal
on modifying the new Uniden/Bearcat scanners for cell band coverage.
Although I haven't tried his suggestion, it makes sense and is as
easy as cutting a foil and adding a switch in the BC220XLT.

Remember, modifications are almost always possible -- it's just
a matter of someone finding a way to do it, then divulging it.
--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

7326. Pro-32 For sale

Newsgroup: rec.radio.scanner
Date: 1994-12-24 23:47:05 UTC
From: jmaio@swcp.com
Message-ID: <jmaio.74.00323CD1@swcp.com>
Source record: 263684

I have a PRO-32 for sale. 200 channels, 30Mhz - 512Mhz in 4 bands. Asking $90.00 plus shipping & COD. Leave E-Mail if interested.

Thanks!

John Maio, Albuquerque, NM |jmaio@swcp.com
|WB2ARS@WB2ARS.NM.USA.NA

"Be careful about what you ask for - you might just get it"

7327. Anyone decoding alphanumeric pagers ;-)

Newsgroup: rec.radio.scanner
Date: 1994-12-25 00:01:06 UTC
From: djs@netcom.com
Message-ID: <djsD1CApu.ADx@netcom.com>
Source record: 263686

Anyone decoding the text from alphanumeric pagers? What mode do they use?
Will a PK-232 decode work? How are you doing it?

Not that anyone would actually do that, it is a "theoretical question".

tnx
don

--
djs@netcom.com
Donald J. Shelton "Papa, I don't want to be an Engineer,
Garland, TX I want to make money....."
K5VCZ Francois Barberis Age 10 has already figured it out!
Les Emondands, France

7328. Re: Miami Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-25 01:12:30 UTC
From: bsherman@sefl.satelnet.org
Message-ID: <3digtu$krq@sefl.satelnet.org>
Source record: 263687

In <3dav9c$jch@pipe1.pipeline.com> lclaman@pipeline.com (Larry Claman) writes:

>Can someone post or send me a frequency listing
>for Miami, FL with police & fire frequencies?

>Thanks in advance!
> -Larry
> lclaman@pipeline.com

Miami and Miami Beach use trunking systems in the 800 MHZ range. Miami
using 20 freqs., and Miami Beach using a 10 channel system.. Metro Dade
County is in the process of switching from their VHF freqs to 800 MHZ, and
and this time are using both bands.

--
bsherman@satelnet.org

7329. Re: OmniTRACS system detailed in Wired (Jan 95)

Newsgroup: rec.radio.scanner
Date: 1994-12-25 05:17:02 UTC
From: wordy@ucsd.edu
Message-ID: <wordy-251294001552@ece1mac26.ucsd.edu>
Source record: 263688

In article <3dc0a0$1vq@convex.cc.uky.edu>, Harold G Peach Jr
<hpeach@pop.uky.edu> wrote:
>
> I have just finished reading about Qualcomm Inc.'s OmniTRACS system
> in the January, 1995 issue of Wired. This is the system that allows
> trucking companies to communicate with and track their trucks using
> satellite. It is a good article, but does not give a lot of the
> technical details about OmniTRACS. Does anyone know what frequencies
> or protocols these things use? Is the stuff out there to monitor them?

It's a 14GHz spread-spectrum uplink to the GTE GSTAR satellite, with
downlink at 12GHz. Data rate is about 165bps... a LOT of terminals share
the same transponder. It's very cool technology... I have one on my
bicycle and am building another into a small boat. Some friends at
Qualcomm did a brilliant hack that replaces the normal OmniTRACS
keyboard/display with a Mac comm toolbox tool, letting Eudora treat it as a
simple POP server.

As to monitoring the spread-spectrum data link... that would be a rather
epic challenge.

Steve Roberts
Nomadic Research Labs

7330. Re: HELP - BC200XLT Dead, Uniden wants me to buy new battery

Newsgroup: rec.radio.scanner
Date: 1994-12-25 06:04:24 UTC
From: wn8tdan@aol.com
Message-ID: <3dj218$hmt@newsbf02.news.aol.com>
Source record: 263689

I have had this problem with several BC200's . The Battery has more than just common Nicads inside. The Voltage regulator chargeing parts are also inside the battery pac. I have found an easy way to tell if the battery is bad. Try this. Fully charge the battery overnight. Take a flashlight bulb rated at about 7 Volts and hook it up to the battery terminals. It should light up. If it does not open the case and hook the bulb up to the wires that go directly to the batterys (bypassing the charging unit) If the light glows now the problem is in the very thin wires that are use inside the battery case. Replace these wires (the one connecting the actual batteries to the charging components) If you check the voltage with a meter it does not tell the whole story because it does not draw hardly any current like the bulb. I hope this helps! Dan, WN8T - - let me know.

7331. Email Info Server

Newsgroup: rec.radio.scanner
Date: 1994-12-25 09:54:21 UTC
From: KB8KHV <nickolas@gate.net>
Message-ID: <Pine.A32.3.90.941225044645.29904C-100000@hopi.gate.net>
Source record: 263690

Hello,

I am setting up a email info server for freq lists from around the country
send email to wl-scan-cj@society.com and put INDEX in the subject. You
will get a list of of lists you can request. If you wish to add a list
send list to wl-kb8khv-cj@society.com and i'll add it as soon as I get it :)

```
]=-=-=-=[NAME]-=-=-=-=-=][-=-=-=-=[EMAIL]=-=-=-=-=-=-=-=-=[
] Nickolas Toth ][ Internet: Nickolas@gate.net [
] CyberJunkie BBS ][ MajorNet: Sysop@CJB [
] 305.720.8230 ][ WorldLink: Sysop@CJ [
]=-=-=-=-=-=-=-=-=-=-=-=-=-=][-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=[
] E-Mail to wl-info-cj@society.com for more information [
] about the BBS, or just for some Scanner Frequencies! [
] For a complete list of files put INDEX in the Topic [
]=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=[
```

For scanner freq list send to wl-scan-cj@society.com.
wl-info-cj@society.com is for info about the bbs.

7332. Re: Hot BC3000XLT info!

Newsgroup: rec.radio.scanner
Date: 1994-12-25 10:59:36 UTC
From: Flying Turtle <vic@ping.com>
Message-ID: <3djjao$2uu@nntp.crl.com>
Source record: 263691

>
> Also, make believe that you are listening to cell images (which you'd never do
> <g>) and notice that there are a lot of times where you have an unmodulated
> carrier (waiting for the phone connection to be made OR a person is put on
> hold). Previously, with a Uniden scanner that has Data Skip OR a GRE scanner
> with Sound Squelch, you'd turn off the Data Skip or Sound Squelch so that the
> scanner wouldn't sample the dead carrier and then continue onward. NOW, the
> stupid thing will beep at you until you are forced to manually hit HOLD.
> Again, unbelievable.
>
>

Jeff don't tell me this scanner was designed in America. If so
we are still in deep dodo. I know it is only half the price
of an AR8000 but you would think you would get at least half
the features of the ultimate handheld.

What is the reasoning of a data skip that beeps. I know long before
four seconds is up that the radio is on a data channel. I would want
a radio that recognizes data BEFORE it opens the SQUELCH.Now that would
be worth something to me.

ki4je

7333. Betty Bearcat

Newsgroup: rec.radio.scanner
Date: 1994-12-25 12:25:46 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3djoca$5j6@nntp.crl.com>
Source record: 263692

I paid 99 cents for one of these books.
What a waste of money!

Do they take drugs at Uniden or what?

ki4je

7334. Re: Hot BC3000XLT info!

Newsgroup: rec.radio.scanner
Date: 1994-12-25 14:30:53 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3djvmt$o9v$1@mhade.production.compuserve.com>
Source record: 263693

I presume that it was designed in Japan. Maybe the "in thing" there is gadgets that beep.

-Jeff

7335. Re: Mods for Bearcat 220XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-25 14:32:11 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3djvpb$o9v$2@mhade.production.compuserve.com>
Source record: 263697
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Sounds great! I'll have to check out the Jan RCMA, Bob.

-Jeff

7336. 800 TRUNKING SQUEAL... STILL LOOKING

Newsgroup: rec.radio.scanner
Date: 1994-12-25 17:34:07 UTC
From: "Fred T. Allen" <fta@delphi.com>
Message-ID: <p6zUn-v.fta@delphi.com>
Source record: 263698

I am still searching for some type of mod or addition for my scanner that will eliminate or bypass the squeal (tones) in the Motorola trunking system. The local PD went to this system and it drives you nuts trying to listen or sit there and push the scan button a thousand times. I saw an ad in a magazine that is specific to scanners that sold a device that bypasses the tones, but I lost the phone # and can't locate the magazine. Can any one help - I'm on the verge of throwing my 2006 in the garbage can. Fred T.

7337. Re: 800 TRUNKING SQUEAL... STILL LOOKING

Newsgroup: rec.radio.scanner
Date: 1994-12-25 17:59:20 UTC
From: ad225@detroit.freenet.org
Message-ID: <3dkbto$oc1@detroit.freenet.org>
Source record: 263699

Don't know about the device you're asking about, but all ya□
got to do is lock out that channel. Next day when they switch
to another control channel lock THAT one out and then
remember to go back to the previously locked out channel
and re-enable it.

This obviously won't help you if your problem is during
search scanning.

Most agencies change their control channel same time each
day, oftentimes at 12 noon.

Good luck!
--
Gary Baumgarten
ad225@detroit.freenet.org

7338. Which airlines hava headphone<>cockpit radio connection?

Newsgroup: rec.radio.scanner
Date: 1994-12-25 19:38:46 UTC
From: gsi0233@gsaix2.cc.GaSoU.EDU
Message-ID: <3dkho6$ff6@informer.cc.GaSoU.EDU>
Source record: 263700

Do any of you air traveller's know which airlines have a
headphone jack in the armrest for listening to the pilot-ATC
communications durng the flight? Do they usually have this option
just on the bigger planes, or is it also offered on the smaller
737, 727 size planes?
I may get another chance to fly next year and this info would
be interesting to know. Thanks alot.
Casey N. Brown

7339. Re: SCANNING ON PASSENGER

Newsgroup: rec.radio.scanner
Date: 1994-12-25 19:59:21 UTC
From: mcs@crl.com
Message-ID: <3dkiup$3ld@crl8.crl.com>
Source record: 263701

DctrHappy (dctrhappy@aol.com) wrote:
: :You gotta be nuts if you think turning on your BEarcat is
: :gunna hurt their navcom.

: I agree. I believe that it's more of a liabitlity issue. Since the
: radiation therotically COULD interfere, they just say DON'T DO IT...but
: if you did do it, it probably wouldn't prove determental. However, I
: probably won't scan my flight coming up....

On my last flight, I flicked on my PRO-34 and my Kenwood TH-28A in
monitor mode, scanned in many bands, and I didn't notice ONE difference
about the plane (i.e., going down, going up, doing flips, rolls, etc.)
So, obviously my radio was safe. =)

C/Amn Nicholas McLarty, KC5IUZ mcs@crl.com
United States Air Force
Texas 882nd AFJROTC Group: San Antonio, TX

For public PGP 2.3 key, finger or e-mail the address above
PGP Fingerprint 64 29 66 2B B4 53 C2 8D 33 73 A7 33 16 78 D1 05

7340. Re: Anyone decoding alphanumeric pagers ;-)

Newsgroup: rec.radio.scanner
Date: 1994-12-25 21:02:57 UTC
From: sbradley@freenet.vancouver.bc.ca
Message-ID: <3dkmm1$4q8@freenet.vancouver.bc.ca>
Source record: 263702

D. J. Shelton (djs@netcom.com) wrote:
: Anyone decoding the text from alphanumeric pagers? What mode do they use?
: Will a PK-232 decode work? How are you doing it?

: Not that anyone would actually do that, it is a "theoretical question".

I use the Universal M400 decoder, it does a nice job when connected to a
parallel to serial converter.

Steven
--
Steven G. Bradley

Internet: sbradley@freenet.vancouver.bc.ca

7341. Re: Mods for Bearcat 220XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-25 21:09:17 UTC
From: sbradley@freenet.vancouver.bc.ca
Message-ID: <3dkn1t$4q8@freenet.vancouver.bc.ca>
Source record: 263703
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Jeff Goldman (76703.4224@CompuServe.COM) wrote:
: Sounds great! I'll have to check out the Jan RCMA, Bob.

Yes, where can I purchase a copy?

Steven
--
Steven G. Bradley

Internet: sbradley@freenet.vancouver.bc.ca

7342. Re: 800 TRUNKING SQUEAL... STILL LOOKING

Newsgroup: rec.radio.scanner
Date: 1994-12-25 21:22:07 UTC
From: baxter@kuhub.cc.ukans.edu
Message-ID: <1994Dec25.152207.81300@kuhub.cc.ukans.edu>
Source record: 263704

In article <p6zUn-v.fta@delphi.com>, Fred T. Allen <fta@delphi.com> writes:
> I am still searching for some type of mod or addition for my scanner
> that will eliminate or bypass the squeal (tones) in the Motorola
> trunking system. The local PD went to this system and it drives you
> nuts trying to listen or sit there and push the scan button a thousand
> times. I saw an ad in a magazine that is specific to scanners that
> sold a device that bypasses the tones, but I lost the phone # and can't
> locate the magazine. Can any one help - I'm on the verge of throwing
> my 2006 in the garbage can. Fred T.

A company by the name of LesComm in Texas was advertising such a device in Monitoring Times. They requested a SASE for information, and I sent one, but never heard back from them. Subsequently, I have not seen any further ads for them.

There is another group called Comsec, which advertises in various pubs. They had an ad for such a bypass device in the RCMA newsletter. I'll post their phone # when I'm at work and can look at the ad.

Likewise, Bill Cheek, the fellow who has written several of the scanner modification handbooks, has detailed such a device, and he may even sell a kit to build one. He can be reached at via CServe at 74107,1176.

Our cities have installed GE/Erickson systems, which have an annoying anti-scanner tone after each transmission. I wasn't aware of Motorola doing that too, but such a device may be of use. I have not personally gotten one installed in my 2006, but I'd like to see this thread continued to hear the response from others who have used these devices. Hope this helps.

73s, Kirk Baxter

7343. Re: Mods for Bearcat 220XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-25 22:16:33 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D1E0JL.CCn@nntpa.cb.att.com>
Source record: 263705
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3dkn1t$4q8@freenet.vancouver.bc.ca>,
Steven Bradley <sbradley@freenet.vancouver.bc.ca> wrote:

>Jeff Goldman (76703.4224@CompuServe.COM) wrote:
>: Sounds great! I'll have to check out the Jan RCMA, Bob.
>
>Yes, where can I purchase a copy?

I don't know where you can get RCMA Scanner Journal in Canada,
but they are available at 25 stores in the USA, including
EEB, Gateway Electronics, and HRO (Ham Radio Outlet) stores.

The best way is to join RCMA which includes a one year subscription.

From the "Introduction to Scanning" FAQ article:

Last changed: December 16, 1994 |

Introduction to Scanning
by Bob Parnass, AJ9S

[....]

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other
radio buffs. Trading information with other hobbyists
about frequencies, communication systems, and receiving
equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio
Communications Monitoring Association (RCMA). Founded in
1975, the RCMA is the "first national and international
organization of monitor radio listeners." There are
several regional chapters which hold regular meetings.
Club dues are $24.00 per year, which includes the monthly
RCMA Journal, which consists of approximately 95 pages.
Although the focus is on VHF and UHF ranges, there is
coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA
General Manager, P.O. Box 542, Silverado, CA 92676, USA.
--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

7344. **PRO-51 (mod) for SALE!**

Newsgroup: rec.radio.scanner
Date: 1994-12-25 22:33:01 UTC
From: towhs1lb@ink.org
Message-ID: <3dkrut$8i2@ink3.ink.org>
Source record: 263707

FOR SALE: Radio Shack Pro-51 Scanner (currently modified, but easily unmodified, you'll understand in a minute if you don't already know)

I bought it like 6 months ago for $299, and since then I heard that it was either outright banned (no more being made), the government examined it, or the government is till examining it. I didn't see it in the catalog from a few weeks ago, it looks like they replaced it. The reason for all of this, is a test mode where you can get many otherwise unavailable frequencies (many of the cell. freq's). It's in very good condition, and I still have the box and manual. Being that I am a law abiding citizen, I will gladly get rid of the modification if you are interested. As I said, they were $299 when I bought it, but I was looking for $200, and I guess I'm negotiable on the price. towhs1lb@ink.org

7345. Seattle/Tacoma area freq's

Newsgroup: rec.radio.scanner
Date: 1994-12-25 22:45:32 UTC
From: kerhop@eskimo.com
Message-ID: <D1E1vz.AwG@eskimo.com>
Source record: 263706

Ok, its christmas.. guess what one of my presents was? :)

anyways, is there an FTP that keeps an update list of freq's
geographically? i'm near Tacoma (in Sumner to be exact) and
would like to get a few freq's to test my new toy (grin).

I plan on visiting a local radio shack and getting one of those $10
freq books (last I checked they are a blue'ish color).

7346. new pro-50 in C'burg VA

Newsgroup: rec.radio.scanner
Date: 1994-12-25 23:54:48 UTC
From: Monta@vt.edu
Message-ID: <Monta.77.003E5C4B@vt.edu>
Source record: 263626

I just got a RS pro-50 scanner for Christmas.
I'm brand new to the scanner scene.

Any tips, trick, or traps from the net.

I live in Chrisitansburg Va.

Thanks,
-Monta

monta@vt.edu

7347. Re: TR-2400

Newsgroup: rec.radio.scanner
Date: 1994-12-26 01:11:57 UTC
From: jumperguy@aol.com
Message-ID: <3dl58t$kur@newsbf02.news.aol.com>
Source record: 263708

Very unfortunatly, you are one of many whos had a defective TR2400. I am going to buy a TR2400 very shortly, and I guess I will just see the "shityness" that Ive heard. The only reason Im still gonna buy that scanner is due to the fact I've heard a bit more good than bad, not much though. I do know its the best deal for your money, if they work right. Well, I hope everything works out ok with you. Have a good holiday!
THE CURRENT ADDRESS LISTED IS ONLY TEMPORARY FOR ME! REPLY TO ME AT:
VicDeVore1@aol.com

7348. * * * * Radio Shack Pro-51 For Sale * * * *

Newsgroup: rec.radio.scanner
Date: 1994-12-26 01:42:44 UTC
From: infoline@aol.com
Message-ID: <3dl72k$l3e@newsbf02.news.aol.com>
Source record: 263709

Mint condition, only several months old Pro-51. Includes Ni-Cad batteries, antenna, charger and manual. This unit can receive cellular with simple keyboard programing, (NO INTERNAL MOTIFICATIONS REQUIRED)

Great Unit.....

Asking $250.00

Interested???? E-Mail INFOLINE@AOL.Com or call 908-922-3937

Todd Mc Govern

7349. Re: SCANNING ON PASSENGER

Newsgroup: rec.radio.scanner
Date: 1994-12-26 02:19:24 UTC
From: aa770@cfn.cs.dal.ca
Message-ID: <D1EBsE.5oA@cs.dal.ca>
Source record: 263710

Nicholas McLarty (mcs@crl.com) wrote:
: DctrHappy (dctrhappy@aol.com) wrote:
: : :You gotta be nuts if you think turning on your BEarcat is
: : :gunna hurt their navcom.

I disagree with you about the interference possiblities I will give you this scenario the common IF of most scanners and handhelds is 455 khz this same freqency is the if for the VOR/ILS made by collins installed on many commercial aircraft including the CL-60 Challenger . This peice of equipment is used to guide the aircraft to the threshold prior to landing if the aircraft/pilot/runway is Cat III C or Cat II he can leave the autopilot (flight director) engaged to a RVR (runway visual range) of 100 FT if your radio is transmitting its IF (the oscilator does emit some radiation) and you happen to be in a seat close to either the receiver or the antenae (one for Glideslope) (two for Localizer) (one for marker Beacon) and the shielding is not adequate. You could set up a secenario where by the ILS approach could break lock, (it is not likely to give erroneous readings because of the self check) the aircraft could be forced to break the approach or continue the approach with visual reference and no instrument indication. Now I fly quite a bit with my job and I like to operate my radios on board. I fix these aircraft and I am well aware of all the built in protection but I do not have the radios on below 10,000 ft (normal transition height) in landing config and I do not turn on my radios on take off prior to flaps up and coffee up.....
now I think airlines carry things a little far by placing some needless restriction ie Cellular. I carried out an EMI (electro magnetic interference) survey and at no time could we cause a break lock on VHF between 107-117.95 mhz or the DME 1.05 ghz nor using any harmonic tables could we get 860 mhz to come close to any of normal aircraft equipment. Our passengers are now allowed to operate their cell phones prior to take off after ascent ,prior to descent, and after touch down..
I would ask nicely to use the scanner/handheld stress it is similar to a broadcast radio /walkman and see if you can't get permission if not then I would give her the old on/off once I have reached cruising speed. And if you find yourself cut off maybe you can mention that Laptops especially older ones radiate a lot more rf than a scanner ever will...

73's and good dx (line of site)
and if your interested to find out your slant range take the square root of the altitude in feet X 1.23 and you will get the expected range in miles ie. 37,000 should be 236.595 miles....

--

| /_ /_ / |

| Robert Harplle / /| / Net: aa770@cfn.cs.dal.ca |
| Callsign VE1BT | ve1bt@fox.nstn.ca |
| Locator FN84il AX.25 VE1BT@VE1BBS.#HFX.NS.CA.NOAM |
| Dartmouth, Nova Scotia | Canada |
|_____|

7350. Re: SCANNING ON PASSENGER

Newsgroup: rec.radio.scanner
Date: 1994-12-26 02:57:23 UTC
From: tharrell@nmsu.edu
Message-ID: <3dlbej$ojm@dns1.NMSU.Edu>
Source record: 263711

Robert Harpelle (aa770@cfn.cs.dal.ca) wrote:
: now I think airlines carry things a little far by placing some needless
: restriction ie Cellular.

While the airplane's on the ground - maybe. At 35,000 feet, though, just one cellphone is going to hit an awful lot of cells. I don't think that service providers want that kind of interference.
--
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5KTO Beware of geeks bearing .gifs... |
| The Second Amendment is the '...and we're not kidding!' clause |
| I wanted an HT for Christmas!!!! *sniff* |

7351. Re: 800 TRUNKING SQUEAL... STILL LOOKING

Newsgroup: rec.radio.scanner
Date: 1994-12-26 03:04:45 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3dlbsd$blt@umcc.umcc.umich.edu>
Source record: 263712

You can build a Data Tone eliminator board for the 2006 and it will let you hear the data channel for less than a second before moving on. It uses a comparator, sees the voltage level as a steady 5 volts and moves on. Voice transmissions will always vary from 0 to 5 volts at a rapid pace, the digital signal from the computer control will only be 0 or 5 volts. Bill Cheek published this mod in Monitoring Times in August of 1993. You can also lock out that channel and turn it back on and lockout the new data channel when they make the change. My Sheriff seems to change about every 12 hours, but since I have the boards installed in both 2006's it doesn't matter.....Les

7352. Re: New Pro-43 (Modified) for Sale

Newsgroup: rec.radio.scanner
Date: 1994-12-26 03:21:02 UTC
From: sbradley@sgb.oau.org
Message-ID: <D1EEn3.11o@sgb.oau.org>
Source record: 263714
Cross-posted to: rec.radio.scanner,rec.radio.swap

David B Baker (dbaker@tiger.lsu.edu) wrote:
: Yep, they still have them in stock, and they are now $285...
: Try lowering the price.

: Dave

** -=> Yes, BUT, $285 + $40 = $325, same as using Cellular Security Group.
Fair price. Perhaps he's buying them up (modifiable units) and
making the change to sell them as cellular, I'd say $40 more for it
done is better than importing from overseas.

: Marc B. Grant (marcbg@metronet.com) wrote:
: : Cellular Modified Pro-43 bought about 6 weeks ago from Radio Shack (yes,
: : they still have them in stock).

: : Will sell for $325 + shipping. Price is firm. Box/Manual included.

: : --
: : Marc B. Grant
: : marcbg@metronet.com
: : Amateur Radio N5MEI

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

7353. Re: deceptive advertising from radio shack

Newsgroup: rec.radio.scanner
Date: 1994-12-26 03:23:55 UTC
From: sbradley@sgb.oau.org
Message-ID: <D1EErv.12I@sgb.oau.org>
Source record: 263715

Jason Low (Jason.Low@revenge.cambo.cuug.ab.ca) wrote:
: Eric Hollander (hh@scan.Berkeley.EDU) shaped the electrons to say:

: >the ad should have said "COVERS THE LESS INTERESTING PARTS OF THE 800MHZ
: >BAND".

: But it -doesn't- cover the least interesting portion of the 800MHz band--which
: is cellular--as it is illegal for people in the US to do so.
^^

Interesting comment. Being illegal has never stopped me, has it stopped anyone reading this posting? I do it all the time, nice source for live entertainment. Personally, I prefer cordless -- sooner or later you can figure out where it's coming from... In any event, the fact is folks are ALWAYS going to listen to cellular calls, and no law or other government action will change that. Fact!

Steven
--
Steven G. Bradley | The Forest City Exchange | steven@sgb.oau.org
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 or (407) 788-8088 |
Home: 407/862-7226 | 14,400 bps/PEP 28,800 bps/HST | Work: 407/578-8007
CIS: 73232,505 | Over 1 Gig of Usenet News! | ext. 1196

7354. Re: AR8000 Commands

Newsgroup: rec.radio.scanner
Date: 1994-12-26 03:28:00 UTC
From: sbradley@sgb.oau.org
Message-ID: <D1EEyo.13C@sgb.oau.org>
Source record: 263716

I have a question on the AR8000:

If you program an AR8000 US model from EDCO, or other US dealer (the one's who have the crappy scanner with the two 800 mhz holes!) with a cellular frequency, using the interface, will it take it? Will it scan it? What does it do? Just food for thought (um, yum!)

Steven
--
Steven G. Bradley | The Forest City Exchange | H) 407/862-7226
System Administrator | Forest City, Florida | W) 407/578-8007 x1196
| (407) 862-8088 or (407) 788-8088 | steven@gate.net
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | sbradley@netcom.com

7355. Price Police

Newsgroup: rec.radio.scanner
Date: 1994-12-26 04:52:38 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-2512942252150001@net51.metronet.com>
Source record: 263713
Cross-posted to: rec.radio.scanner,rec.radio.swap,rec.radio.amateur.misc

I've sold thousands of $$$ worth of equipment on the net, and to date, I've dealt with good, honest folks who are looking for value.

You know, I'm getting a little ticked off at some folks who believe that they are the Price Police, feeling free to make snide remarks, both via Postings and e-mail concering the pricing of people's equipment. I'm not one to flame, but I'm pissed, so are many others of us, and let me explain why.

So, when I post a radio, and the price seems a little high, maybe it's because I'm testing the water - or maybe it's because you're looking for a REAL bargain - or maybe I want to see if there is someone who wants a quality radio at less than retail, but still wants value. Or maybe I'm clueless and really do want feedback!

I posted a radio recently which sells at a street price for over $450 - for $315. It took me two months to sell it because of smartass folks who posted to the newsgroup AND sent me mail with offers like "$175" or posted things like "I can get it for $350" etc etc etc. When I finally sold it, the guy I sold it too was TICKLED with the purchase, realized he saved 30% off the purchase price of a new radio yet still had all the value of buying a new unit. He even called after he received the unit and used it a while to thank me.

What pisses me off to no end is when I get cute little remarks BOTH via e-mail and postings that say things like "Good price - NOT" or "This is priced too high - you are trying to rip people off" or "What's the matter with you" or "Your price is ridiculous" - these are actual snips from actual email messages. I know many of you who sell things on the net have received them also.

Folks, this is a free market. If you have a beef with prices, then write the poster personally (Don't post it to the group) with something like:

"Marc - your price seems a little high. A new radio at XXXX costs only $ZZZ, and I was wondering why your price was so high. Just thought I'd let you know, and anyway, good luck".

That's what I do. A nice polite note. You know what? I've received phone calls thanking me, because the poster didn't have a clue that they were overcharging. But what type of response would I get with "Hey, are you trying to rip people off?" Probably not a good one.

OR, just shut up and save the bandwidth.

In the spirit of the season, I bope that those of you who are members of the Price Police take this to heart. Folks on r.r.swap, scanner, and r.r.a.m. are smart enough to judge for themselves - and if they're not, they can always post a message inquiring what the price of a particular used item should be. And if they're not that bright, well, then they should buy retail and stay out of the Usenet grabble.

If you have nothing better to do than to flame about someone's high prices, I suggest you are spending too much time in front of the CRT.

And to all, a Good Night. . . . .

--
Marc B. Grant
marcbg@metronet.com
Amateur Radio N5MEI

7356. Re: Which airlines hava headphone<>cockpit radio connection?

Newsgroup: rec.radio.scanner
Date: 1994-12-26 06:02:15 UTC
From: mraub@prairienet.org
Message-ID: <3dlm97$qp8@vixen.cso.uiuc.edu>
Source record: 263717

GSU student (gsi0233@gsaix2.cc.GaSoU.EDU) wrote:
: Do any of you air traveller's know which airlines have a
: headphone jack in the armrest for listening to the pilot-ATC
: communications durng the flight? Do they usually have this option
United is the only airline I'm been on that offers this feature. I think
it can be made available on any United aircraft that is equipped with an
audio system for passengers (many smaller 737's aren't since they are
used for short haul service). Sometimes the pilots forget to turn the ATC
link one. A pleasant request to a flight attendant will sometimes get it
started. Generally ATC is more interesting than the musical pap otherwise
offered.

Mike Raub Man is the only animal that blushes--or that needs to
mraub@prairienet.org -Mark Twain

7357. Re: SCANNING ON PASSENGER

Newsgroup: rec.radio.scanner
Date: 1994-12-26 06:05:03 UTC
From: KDAHLQUIST@news.delphi.com
Message-ID: <3dlmef$70q@news2.delphi.com>
Source record: 263719

Fly Delta. They specifically allow use of VHF scanning in-flight (non critical times) It is listed in the rules section of their SKY Magazine.

Karl Dahlquist
RCMA CA-LA-956

7358. **** For Sale: PRO-2006 Scanner ****

Newsgroup: rec.radio.scanner
Date: 1994-12-26 06:05:13 UTC
From: old-salt@li.net
Message-ID: <3dlmep$6c3@linet01.li.net>
Source record: 263718

```
For Sale
Realistic Pro-2006 Scanner
With Cell and Speed Mods done.
SOLD
------------------------------------------------------------------------
50 feet of Belden 9913 Coaxial Cable
With 2 BNC connectors
Asking $50 (Negotable)
------------------------------------------------------------------------
Buyer pays shipping and insurence
------------------------------------------------------------------------
For Sale Scanner Books
Scanner Modification Handbook I & II $15
Scanner Master New York/Northen NJ Guide $10
The Scanner Listener's Handbook $5
Coast Guard Radio $5
"Top Secret" Registry of U.S. Govt Radio Freqs 7th Ed. $10
Latest Intelligence (Hardbound) $10
Directory of North American Military Aviation $5

--
------------------------------------------------------------------------
| Old Salt | old-salt@li.net |
| "Freedom's just another word for nothing left to lose" - J. Joplin |
------------------------------------------------------------------------
```

7359. Re: Seattle/Tacoma area freq's

Newsgroup: rec.radio.scanner
Date: 1994-12-26 06:11:32 UTC
From: KDAHLQUIST@news.delphi.com
Message-ID: <3dlmqk$746@news2.delphi.com>
Source record: 263720

```
Pierce County SO
155.640 F-1 WEST
156.090 F-2 SHERIFF RURAL
154.950 F-3 ADMIN
155.370 F-4 LERN (MUTUAL AID)
155.610 DISPATCH WEST
154.950 DISPATCH EAST

FIRE
153.890 F-1 DISPATCH
154.160, 154.265, 154.355, 154.430, 153.830 FIREGROUND

Karl Dahlquist
RCMA CA_LA_956
```

7360. Re: Seattle/Tacoma area freq's

Newsgroup: rec.radio.scanner
Date: 1994-12-26 06:13:59 UTC
From: KDAHLQUIST@news.delphi.com
Message-ID: <3dlmv7$768@news2.delphi.com>
Source record: 263721

Sumner PD 154.785, 156.090,
CITY OF SUMNER 155.880, 453.5375

Karl Dahlquist
(I live in LA, but used to go to UW)(

7361. Re: Anyone decoding alphanumeric pagers ;-)

Newsgroup: rec.radio.scanner
Date: 1994-12-26 07:40:19 UTC
From: ligosa@pipeline.com
Message-ID: <3dls13$8t4@pipe2.pipeline.com>
Source record: 263722

Hello,
Can you please explain your use of a
"Paralell to Serial converter"on the M-400 ?

I am a recient M-400 purchaser (Used , version 1.02)

Thanks...
--
Chris Barbosa
Ligosa Entertainment Corp. NYC

7362. Price Police

Newsgroup: rec.radio.scanner
Date: 1994-12-26 09:29:00 UTC
From: Daniel.Velez@f239.n109.z1.fidonet.org
Message-ID: <278_9412261111@blkcat.fidonet.org>
Source record: 263631

MA>From: marcbg@metronet.com (Marc B. Grant)
MA>Newsgroups: rec.radio.scanner,rec.radio.swap,rec.radio.amateur.misc
MA>Organization: Texas Metronet, Inc 214/705-2901, login info

MA>I've sold thousands of $$$ worth of equipment on the net, and to date,
MA>I've dealt with good, honest folks who are looking for value.

MA>You know, I'm getting a little ticked off at some folks who believe that
MA>they are the Price Police, feeling free to make snide remarks, both via
MA>Postings and e-mail concering the pricing of people's equipment. I'm not
MA>one to flame, but I'm pissed, so are many others of us, and let me explain
MA>why.

(Clipped off the rest of this nonsense)

Well, MARC - if you sell thousands of $$$ on the net you are doing it in
the wrong forum. Casual sales are tolerable, but what pisses ME off are
the constant listings by the same names!

Dan N4WZR
***
* SLMR 2.1a * AOOOOGGA! DIVE! DIVE! DIVE!

Fidonet: Daniel Velez 1:109/239
Internet: Daniel.Velez@f239.n109.z1.fidonet.org

7363. 2023 Mods

Newsgroup: rec.radio.scanner
Date: 1994-12-26 11:07:50 UTC
From: tuck@primenet.com
Message-ID: <3dmf06$953@news.primenet.com>
Source record: 263723

Does anyone have the RS2023 mods ??????

7364. Re: AR8000 Commands (and comments on programing steps)

Newsgroup: rec.radio.scanner
Date: 1994-12-26 13:46:02 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3dmheq$e5m@nntp.crl.com>
Source record: 263724

> I have a question on the AR8000:
>
> If you program an AR8000 US model from EDCO, or other US dealer (the one's
> who have the crappy scanner with the two 800 mhz holes!) with a cellular
> frequency, using the interface, will it take it? Will it scan it? What
> does it do? Just food for thought (um, yum!)
>

I suspect there is a small possibility that it will take the
frequency.
I recently was puzzeled at the operation of a few memory channels
which I had programed via the computer. The frequency looked ok,
received ok, but when I shifted it into a VFO it changed. I had
forced it to accept freq with wrong steps. You can't do this when
programing it from manual mode where the frequency is entered into
one of three vfo's first.The AR8000 computer checks first and rejects
the information by correcting the freq to match the step. But you
can't tell it to take a frequency beyond the capability of the radio
so it obviously does some checking before taking data from the
computer.

For the time being I have changed my script to set the step at .5 KHZ
(0.0005 MHZ) when sending a variety of data to the AR8000 as I can't
be bothered to add data for the proper step for raw data as it varies.
All I am interested in is a valid step for the frequency entered
so if I move it to a vfo it is correct.
Most steps are 5. 12.5 15. 25. 30. KHZ. Not only the AR8000, but
apperently all scanners compute the frequency on entry by dividing
the preset step into it to see if it is valid. That may explain the
5. Khz step found in the 154 -156 MHZ range IMHO. The assigned
spacing in this range is 15.MHZ A PP frequency has a factor of
15 in say 156.150 or 156.165. A fire frequency dosn't! (examples
154.160 154.175 etc.) The largest common factor of step 15 is 5.
so the designers just go with step 5.KHZ for the whole vhf range.

The government gets slick here by assigning some of its radios
uses by sensitive agencies steps that have a factor of 2.5 KHZ,
Only a top quality radio that has programable step size can
take that frequency and display it.But if the mode is NBFM who cares
even a poor scanner may hear the transmission well enough for
one to understand it.IMHO this is why I read in Monitoring Times,
Popular Communications, frequencies that I know are wrong. The
person sumiting what they found was using a cheap scanner
and it showed the nearest possible frequency it could go to
but it wasn't the actuall frequency the government was using.

What is really anoying is to read a list that includes both
correct and incorrect frequencies in an expensive book proporting
to be 'Secrete Frequencies'!

Examples of slick frequencies used near me are
161.0975 161.1275 161.1875 etc in conjuction with the military base
and civilian agencies.You may notice other areas where things
like this hold true also. Useage of the 450-451 band comes to mind
as an area manny cheap (and expensive Pro43!) radios can't
step onto commonly used frequencies because of an improper
preprogramed step.Try 450.5625 450.5875 450.6125 MHZ Step is 25 KHZ,
what does your radio step in this range? Try setting
the step to 25 KHZ and program one of those frequencies.
Ha HA it will not work! You must either have an AR8000 or set
the step to 12.5 KHZ! 25 KHZ is not a factor of those frequencies.
The 2006 is an example of a radio that can take this frequency.

Of interest, the AR8000 in AUTO mode from Europe is preprogramed
to step correctly in this area. The Pro43 is not!

Ki4je

ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

is a url that points to information on the AR8000.

7365. Re: AR8000 Commands (and comments on programing steps)

Newsgroup: rec.radio.scanner
Date: 1994-12-26 13:51:10 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3dmhoe$h0c@nntp.crl.com>
Source record: 263625

> > I have a question on the AR8000:
> >
I regret all the spelling errors in the previous
post. I didn't reread it until after I hit send!

Sorry.

Vic ki4je

7366. Re: Philly POLICE 911 call transcripts

Newsgroup: rec.radio.scanner
Date: 1994-12-26 16:13:42 UTC
From: rubinsky@cesd.servtech.com
Message-ID: <3dmq3m$9ve@uhost1.servtech.com>
Source record: 263627

Tyson@ods.sol.net wrote:

: Right On brother Shawn.
: When you take classes in 911 dispatch you have to learn to stay calm
: nomatter what. If that was my kid i'll tell you i'd own the city after i
: toke them to court and all of the 911 dispatcher's would loss there
: jobs.
: IS>>Is this what the fuss is all about? I read through the transcript of the
: IS>>Phila 911 tapes and quite frankly I don't see any examples of excessive
: IS>>rudeness. All I get here is some poor police dispatcher telling a caller
: IS>>not to be rude. 911 dispatchers have to deal with all kinds of people in
(stuff deleted)
I know the kid who died and ill tell you it hurts to know that none of
these assholes thought that 50 kids with baseball bats wasnt a
priority........later

7367. ICOM manuals

Newsgroup: rec.radio.scanner
Date: 1994-12-26 17:09:08 UTC
From: rayrs@voyager.pc.my
Message-ID: <788461748.29snx@voyager.pc.my>
Source record: 263628

Hi,

I've got an ICOM IC-R1 from my friend but he has lost all the
manuals. Can anyone help in getting printed copies of it or giving me
sources? I wouldn't mind if it's in a plain computer ASCII text.
In the mean time, can anyone who owns this scanner please tell me
how to use the basic functions?

Thank you.

ray.

7368. URGENT I misplaced an AR8000 file

Newsgroup: rec.radio.scanner
Date: 1994-12-26 18:49:24 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3dn37k$osg@nntp.crl.com>
Source record: 263630

I typed in all the AR8000 commands for this net a few
weeks ago. Now I can not find it on my hard disks.

Does anyone one reading this have those commands
as I typed them in and can they email them ?
mailto:vhealey@crl.com

I want to put them in the directory of information
on the ar8000.homepage. I already put a button there
but couldn't find the file to upload that matchs that
button.

The url to the ar8000 homepage is

ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

Thanks in advance.

Ki4je

7369. WTB: RS 2006

Newsgroup: rec.radio.scanner
Date: 1994-12-26 19:24:46 UTC
From: uport@netcom.com
Message-ID: <uportD1Fn9B.2yA@netcom.com>
Source record: 263635

Want to buy a Radio Shack 2006

Call me at 408.475.6539
or email me at
duc@mport.com
uport@netcom.com

Richard

7370. Regency 4020 vs BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-26 19:32:31 UTC
From: odwill@xmission.com
Message-ID: <3dn5of$cpl@xmission.xmission.com>
Source record: 263645

I have a Regency 4020 200 ch handheld scanner. The box says it was manufactured by Uniden for Regency. Regency is out of business as far as I can tell. The question is, since everything I read about the Uniden BC200XLT seems to be identical to the Regency 4020, even including the instructions for 800 Mhz Mod, are the radios identical enough to interchange battery packs, mobile power adapters, etc? I am interested in getting a spare battery pack or two and a cigarette lighter power adapter for emergency use. Any help greatly appreciated.
O. D. Williams N7OZH, odwill@xmission.com

7371. Re: Price Police

Newsgroup: rec.radio.scanner
Date: 1994-12-26 19:33:53 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-2612941333330001@net69.metronet.com>
Source record: 263634

I am not a commercial vendor. I sell my own rigs, which I purchase with my own $$$ for my own use. As many hams do, I trade things regularly.

Instead of commenting to me directly, you posted this to the newsgroup. Congratulations - and Happy New Year.

--
Marc B. Grant
marcbg@metronet.com
Amateur Radio N5MEI

7372. California Highway Partol Repeater Freq?

Newsgroup: rec.radio.scanner
Date: 1994-12-26 20:03:48 UTC
From: michael.ayotte@netcom.com
Message-ID: <michael.ayotte-2612941203480001@rsg-av.com>
Source record: 263633

I lost the information on the CHP patrol car repeater frequency. COuld
someone please email it to me. Thanks.

---
michael.ayotte@netcom.com Riverview Systems Group (rsg-av.com)
San Jose Hilton ftp://ftp.netcom.com/pub/woodstoc/sanjose.hilton.html
IRC:woodstoc I speak only for myself

7373. Re: URGENT I misplaced an AR8000 file

Newsgroup: rec.radio.scanner
Date: 1994-12-26 20:26:34 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3dn8tq$ref@nntp.crl.com>
Source record: 263636
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> > I typed in all the AR8000 commands for this net a few
> > weeks ago. Now I can not find it on my hard disks.
> >
>

I got them from Bob Parnas and they are been converted
to html and are on site right now.

MANY THANKS BOB!

ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

you can bypass the homepage and grab them with url

ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.commands.html

Ki4je

7374. Re: E-Mail Addresses For Int'l Broadcasters

Newsgroup: rec.radio.scanner
Date: 1994-12-26 21:05:10 UTC
From: fy681@cleveland.Freenet.Edu
Message-ID: <3dnb66$dg0@usenet.INS.CWRU.Edu>
Source record: 263637
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

*** RFPI e-mail address change ***

We have switched systems, giving us a new address.
We will still be receiving mail at the nicarao address for
a couple of months, but request everyone to address all
future correspondence to our new address:

<rfpicr@sol.racsa.co.cr>

Thanks very much for your cooperation.

7375. >>>>> PRO-32 For Sale <<<<<

Newsgroup: rec.radio.scanner
Date: 1994-12-26 21:15:09 UTC
From: John Maio <jmaio@swcp.com>
Message-ID: <D1FsD9.KKv@swcp.com>
Source record: 263638

The scanner and the instruction book for $90.00 plus you pay shipping and COD charges. Please e-mail if interested.

Thanks and Happy New Year!

John

7376. Minnesota Freq's

Newsgroup: rec.radio.scanner
Date: 1994-12-26 21:53:33 UTC
From: strak005@maroon.tc.umn.edu
Message-ID: <68752.strak005@maroon.tc.umn.edu>
Source record: 263639

I was wondering if anyone could E-mail me some frequencies in the
Twin Cities area......
Thanks
-Bob Straka
strak005&maroon.tc.umn.edu

7377. Re: Anyone decoding alphanumeric pagers ;-)

Newsgroup: rec.radio.scanner
Date: 1994-12-26 22:04:48 UTC
From: "Kenneth R. Fowler" <kfowler1@osf1.gmu.edu>
Message-ID: <Pine.OSF.3.91.941226170336.20276C-100000@osf1.gmu.edu>
Source record: 263640

On 26 Dec 1994, Chris Barbosa wrote:

> Hello,
> Can you please explain your use of a
> "Paralell to Serial converter"on the M-400 ?
>
> I am a recient M-400 purchaser (Used , version 1.02)
>
I hope this inquiry is not for an illegal venture. It is illegal to
use any of the information you may see off the pager frequency.

Ken

7378. Re: * * * * Radio Shack Pro-51 For Sale * * * *

Newsgroup: rec.radio.scanner
Date: 1994-12-26 22:11:23 UTC
From: towhs1lb@ink.org
Message-ID: <3dnf2b$72s@ink3.ink.org>
Source record: 263641

INFOLINE (infoline@aol.com) wrote:
: Mint condition, only several months old Pro-51. Includes Ni-Cad
: batteries, antenna, charger and manual. This unit can receive cellular
: with simple keyboard programing, (NO INTERNAL MOTIFICATIONS REQUIRED)

: Great Unit........

: Asking $250.00

: Interested???? E-Mail INFOLINE@AOL.Com or call 908-922-3937

: Todd Mc Govern
Even better, I was asking $200 for the exact same thing... Actually,
email towhs1lb@ink.org....

7379. Re: Price Police

Newsgroup: rec.radio.scanner
Date: 1994-12-26 22:30:38 UTC
From: billsohl@earth.planet.net
Message-ID: <3dng6e$8ep@jupiter.planet.net>
Source record: 263643
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

Marc B. Grant (marcbg@metronet.com) wrote:
: I've sold thousands of $$$ worth of equipment on the net, and to date,
: I've dealt with good, honest folks who are looking for value.

: You know, I'm getting a little ticked off at some folks who believe that
: they are the Price Police, feeling free to make snide remarks, both via
: Postings and e-mail concering the pricing of people's equipment. I'm not
: one to flame, but I'm pissed, so are many others of us, and let me explain
: why.

: I posted a radio recently which sells at a street price for over $450 -
: for $315. It took me two months to sell it because of smartass folks who
: posted to the newsgroup
^^^^^^^^^^^^^^^^^^^^^^^^

Posting things for sale in the newsgroup lends itself to whatever comments
anyone wishes to make. That's what these newsgroups are all about.
The fact that other's opinions of your selling prices may make your
ability for a quick sale difficult is really not an issue...that's the
nature of the ongoing dialog internet newsgroups foster.

: AND sent me mail with offers like "$175" or posted
^^

You advertise an item for sale and you don't expect counter-offers,
even rediculous ones...then don't advertise on the net, simple no?

: things like "I can get it for $350" etc etc etc.

Again, nothing wrong with these statements last time the first amendment
was checked.

: When I finally sold it,
: the guy I sold it too was TICKLED with the purchase, realized he saved 30%
: off the purchase price of a new radio yet still had all the value of
: buying a new unit. He even called after he received the unit and used it
: a while to thank me.

So what's the complaint? Yes, I know see what follows:-)

: What pisses me off to no end is when I get cute little remarks BOTH via
: e-mail and postings that say things like "Good price - NOT" or "This is
: priced too high - you are trying to rip people off" or "What's the matter
: with you" or "Your price is ridiculous" - these are actual snips from
: actual email messages. I know many of you who sell things on the net have
: received them also.

Then don't advertise on the net...it is that simple.

: Folks, this is a free market. If you have a beef with prices, then write
: the poster personally (Don't post it to the group) with something like:
: "Marc - your price seems a little high. A new radio at XXXX costs only
: $ZZZ, and I was wondering why your price was so high. Just thought I'd
: let you know, and anyway, good luck".

In my several years of net involvement I've received email I didn't want
or replies to my posts that I'd have preferred not to have been so
posted, BUT I don't recall ever trying to gag anyone else from making
whatever posts they want.

: That's what I do. A nice polite note. You know what? I've received
: phone calls thanking me, because the poster didn't have a clue that they
: were overcharging. But what type of response would I get with "Hey, are
: you trying to rip people off?" Probably not a good one.

So delete the email or mark the newsgroup post as read. If a serious
valuation dispute exists it will get it's fair hearing in the internet
market-place of ideas, if your price is reasonable you'll quickly sell
whatever it is you've offered for sale.

: OR, just shut up and save the bandwidth.

See comments below.

: In the spirit of the season, I bope that those of you who are members of
: the Price Police take this to heart. Folks on r.r.swap, scanner, and
: r.r.a.m. are smart enough to judge for themselves - and if they're not,
: they can always post a message inquiring what the price of a particular
: used item should be. And if they're not that bright, well, then they
: should buy retail and stay out of the Usenet grabble.

And in the spirit of the season, recognise that those smart
enough to do so will separate the wheat from the chalf and things
will go on.

: If you have nothing better to do than to flame about someone's high
: prices, I suggest you are spending too much time in front of the CRT.

I'm always amazed at how other people seem so informed as to question
how anyone else spends their time. Frankly, if someone gets their
jollies participating in internet dialog, email etc then why should
I or anyone else care if they do it 24 hours a day, seven days a week.

: And to all, a Good Night. . . . .

And a Happy New Year to all too :-)

--
Bill Sohl K2UNK (Budd lake, New Jersey) (billsohl@planet.net)
This is my opinion and I don't have to give a damn about what anyone
thinks because this is a personal internet account :-)

7380. QUICK! Pro-2027 for $180 or equiv Bearcat?

Newsgroup: rec.radio.scanner
Date: 1994-12-26 22:38:18 UTC
From: kaweiss@silver.ucs.indiana.edu
Message-ID: <3dngkq$4hh@usenet.ucs.indiana.edu>
Source record: 263642

RS has the 2027 on clearance for $180, and they have only 2 models
left at the store nearest me. Is it worth the price, or should I check out
the Bearcat 100 channel scanner at Wally World for roughly he same price?
Pete.

7381. Re: CTCSS IC?

Newsgroup: rec.radio.scanner
Date: 1994-12-26 22:56:11 UTC
From: pete@bearnet.demon.co.uk
Message-ID: <788482571snz@bearnet.demon.co.uk>
Source record: 263547

Consumer Microcircuits Ltd make quite a few CTCSS and other selcall chips.

They're at 1 Wheaton Road, Whitham, Essex, CM8 3TD, England.

Tel U.K. (01376) 513833

MX-COM are their U.S. agents (subsidiary ?).

Pete.
--
Pete Baston, Clwyd, North Wales, U.K.

7382. Re: SCANNING ON PASSENGER

Newsgroup: rec.radio.scanner
Date: 1994-12-26 23:35:17 UTC
From: mcs@crl.com
Message-ID: <3dnjvl$70u@crl4.crl.com>
Source record: 263644

Robert Harpelle (aa770@cfn.cs.dal.ca) wrote:
: Nicholas McLarty (mcs@crl.com) wrote:
: : DctrHappy (dctrhappy@aol.com) wrote:
: : : :You gotta be nuts if you think turning on your BEarcat is
: : : :gunna hurt their navcom.

: I disagree with you about the interference possiblities I will give you
: this scenario the common IF of most scanners and handhelds is 455 khz this
: same freqency is the if for the VOR/ILS made by collins installed on many
: commercial aircraft including the CL-60 Challenger . This peice of

Yes, I know that and I'm quite familiar with ILS, VOR, DME, and all that
fun stuff. Gee, that must be why if scanners are permitted at all they
are not permitted during landing (ILS) and takeoff. Hmmmm.

C/Amn Nicholas McLarty, KC5IUZ mcs@crl.com
United States Air Force
Texas 882nd AFJROTC Group: San Antonio, TX

For public PGP 2.3 key, finger or e-mail the address above
PGP Fingerprint 64 29 66 2B B4 53 C2 8D 33 73 A7 33 16 78 D1 05

7383. Re: SCANNING ON PASSENGER

Newsgroup: rec.radio.scanner
Date: 1994-12-26 23:36:42 UTC
From: mcs@crl.com
Message-ID: <3dnk2a$72m@crl4.crl.com>
Source record: 263646

KDAHLQUIST@DELPHI.COM (KDAHLQUIST@news.delphi.com) wrote:
: Fly Delta. They specifically allow use of VHF scanning in-flight (non
: critical times) It is listed in the rules section of their SKY Magazine.

: Karl Dahlquist
: RCMA CA-LA-956

Well, golly-gee-wiz. Finally someone who actually confirms what I'm saying.

C/Amn Nicholas McLarty, KC5IUZ mcs@crl.com
United States Air Force
Texas 882nd AFJROTC Group: San Antonio, TX

For public PGP 2.3 key, finger or e-mail the address above
PGP Fingerprint 64 29 66 2B B4 53 C2 8D 33 73 A7 33 16 78 D1 05

7384. Re: Cellular Phone Jammer

Newsgroup: rec.radio.scanner
Date: 1994-12-26 23:55:25 UTC
From: randylr@netcom.com
Message-ID: <randylrD1FzsD.349@netcom.com>
Source record: 263647

brian varine (varine@ece.orst.edu) wrote:
: I just got run off the road by some idiot talking on the phone,but, it
: got me thinking. Since there is a way to use your phone as a scanner (I
: dont know exactly how yet) couldn't you push the right codes and get your
: phone to "step on" the phone in front of you? I'd like to see if I could
: tell the guy in the car in front of me to move to the right lane when I
: want to pass. Sound like a good idea to you people?? Is it possible??
--
randylr@netcom.com

7385. Pro-2032

Newsgroup: rec.radio.scanner
Date: 1994-12-26 23:56:59 UTC
From: "Brad Herring"
Message-ID: <3dnl8b$d0b@nps.navy.mil>
Source record: 263665

Hello, all
Would like to know if there are any mods that can be done
to Pro-2032. Any information will be greatly apprecitated.
e-mail to: herring@nps.navy.mil

Thanks in Advance
Brad

7386. Re: 800 TRUNKING SQUEAL... STILL LOOKING

Newsgroup: rec.radio.scanner
Date: 1994-12-27 00:17:41 UTC
From: "Fred T. Allen" <fta@delphi.com>
Message-ID: <hmz0-p1.fta@delphi.com>
Source record: 263648

Gary Baumgarten <ad225@detroit.freenet.org> writes:

>Don't know about the device you're asking about, but all ya□
>got to do is lock out that channel. Next day when they switch
>to another control channel lock THAT one out and then
>remember to go back to the previously locked out channel
>and re-enable it.

Thanks Gary, but the tone or squeal is after each and every damn trans-
mission. Every time the mike is keyed and it last about 3 seconds.

7387. Re: 800 TRUNKING SQUEAL... STILL LOOKING

Newsgroup: rec.radio.scanner
Date: 1994-12-27 00:23:49 UTC
From: "Fred T. Allen" <fta@delphi.com>
Message-ID: <hE02fB9.fta@delphi.com>
Source record: 263649

<baxter@kuhub.cc.ukans.edu> writes:

>A company by the name of LesComm in Texas was advertising such a device in
>Monitoring Times. They requested a SASE for information, and I sent one, but
>never heard back from them. Subsequently, I have not seen any further ads for
>them.

I know what you mean "never heard back". They have the same postoffice as
I do. I sent several notes and even tried to trace down owner - no luck.

>There is another group called Comsec, which advertises in various pubs.
>They had an ad for such a bypass device in the RCMA newsletter. I'll post

Sure would appreciate the number. I think that "Comsec" is the outfit I
had a number for. I requested a catalog but never got one. Will try again
when I get number.

>Our cities have installed GE/Erickson systems, which have an annoying
>anti-scanner tone after each transmission. I wasn't aware of Motorola
>doing that too, but such a device may be of use. I have not personally

Our radio system may be GE also. I'll have to check - last one was Motorola
so I assumed this one was also. Sounds like same problem I'm having.

7388. Re: 800 TRUNKING SQUEAL... STILL LOOKING

Newsgroup: rec.radio.scanner
Date: 1994-12-27 00:29:09 UTC
From: "Fred T. Allen" <fta@delphi.com>
Message-ID: <pE81nh1.fta@delphi.com>
Source record: 263650

Les Butler <lbutler@umcc.umcc.umich.edu> writes:

>volts. Bill Cheek published this mod in Monitoring Times in August of
>1993. You can also lock out that channel and turn it back on and lockout

Sounds like what I need. Question is where do I get a Aug.93 issue? Did
you build your own? If you could build another one and offer instructions
on installation I know I would be interested - many others would also.
My e-mail address is ....fta@delphi.com

7389. Re: Minnesota Freq's

Newsgroup: rec.radio.scanner
Date: 1994-12-27 00:37:46 UTC
From: willi087@maroon.tc.umn.edu
Message-ID: <willi087-2612941837460001@dialup-2-95.gw.umn.edu>
Source record: 263651

In article <68752.strak005@maroon.tc.umn.edu>,
<strak005@maroon.tc.umn.edu> wrote:

> I was wondering if anyone could E-mail me some frequencies in the
> Twin Cities area......
> Thanks

Stop by your nearest Radio Shack and pick up the book-it has them all for
Minnesota Police, etc

7390. Bearcat/Uniden Sportcat SC150y

Newsgroup: rec.radio.scanner
Date: 1994-12-27 01:52:28 UTC
From: KAMAKIZE@news.delphi.com
Message-ID: <3dns0s$pqf@news2.delphi.com>
Source record: 263652
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I need a cell and other mods for my new Uniden/Bearcat sc150Y Sportcat
date of MFR: OFID

thanks
they locked
868.9875-894.0125
824.0000 to 849.0125

if you can help please do;...

thanks

7391. RS 2026

Newsgroup: rec.radio.scanner
Date: 1994-12-27 03:29:49 UTC
From: opp@netcom.com
Message-ID: <oppD1G9pp.8ru@netcom.com>
Source record: 263653

I recently purchased from the West Coast a Radio Shack 2026. From everything I had read, this was strictly a mobile scanner hard-wired for a car. However, the unit I got has an ac adaptor for base-station use and a DC converter for cig lighter. Is anyone familar with this unit which also has a preprogrammed frequencies: Wx, pox, fire, marine etc. And is cell-compatible. I'd like to hear any comments. Thanks.
--
opp@netcom.com

7392. Re: Anyone decoding alphanumeric pagers ;-)

Newsgroup: rec.radio.scanner
Date: 1994-12-27 04:14:20 UTC
From: Mike Fletcher <fletcher@gate.net>
Message-ID: <Pine.A32.3.90.941226230958.86451B-100000@seminole.gate.net>
Source record: 263654

On Mon, 26 Dec 1994, Kenneth R. Fowler wrote:

> On 26 Dec 1994, Chris Barbosa wrote:
>
> > Hello,
> > Can you please explain your use of a
> > "Paralell to Serial converter"on the M-400 ?
> >
> > I am a recient M-400 purchaser (Used , version 1.02)
> >
> I hope this inquiry is not for an illegal venture. It is illegal to
> use any of the information you may see off the pager frequency.
>
> Ken
>
>

If you come up with any good relatively inexpensive ideas, I would also like to know. We page a large number of people and need a way to verify that the page went out.. I would really like something that would talk to a PC and match up a monitored page with a sent page to confirm its accuracy. If the page didn't go out in a couple of minutes then tell my page pgm to re send it... Thanks for any info ....

Mike

fletcher@gate.net

7393. I need the FL State Patrol Freq's

Newsgroup: rec.radio.scanner
Date: 1994-12-27 04:50:30 UTC
From: gsi0233@gsaix2.cc.GaSoU.EDU
Message-ID: <3do6en$782@informer.cc.GaSoU.EDU>
Source record: 263655

Can someone send me the frequencies used by the FLA State
Patrol? I assume their the same statewide. I'll be travelling
to Polk County this weekend, so if anyone has any interesting
freq's for this area also, let me know.
Thanks alot.
Casey N. Brown

7394. Re: ICOM manuals

Newsgroup: rec.radio.scanner
Date: 1994-12-27 04:51:14 UTC
From: dseitel@crl.com
Message-ID: <3do6g2$1gr@crl.crl.com>
Source record: 263656

Raymond wrote:
> I've got an ICOM IC-R1 from my friend but he has lost all the
> manuals. Can anyone help in getting printed copies of it or giving me
> sources? I wouldn't mind if it's in a plain computer ASCII text.
> In the mean time, can anyone who owns this scanner please tell me
> how to use the basic functions?

You can reach Icom (Australia) Pty. Ltd. at
7 Duke Street
Windsor, Victoria, 3181, Australia

Voice: 03-529-7582
Fax: 03-529-8485

Telex: AA 35521 ICOM AS

That's probably the closest to you. If you need US, UK, Canada or
Europe, email me.

The scanner is *not* very intuitive to use.

CL switches from Memory mode to VFO mode. It also is used to stop
scanning or clearing.

MR switches from VFO mode to Memory mode. Also, in Memory mode changes
the channels in units of 10.

The numbers in VFO mode input frequency, in Memory mode the channel.

The up and down arrows are self-evident in function.

EN enters input.

On the side of the scanner, W (for "watch') enters Clock mode; F is
the Function key.

If you push the tiny keys without the Function switch depressed, they
do what is printed ON the key (not above it).

What happens if you press a key with the Function switch depressed
depends on mode:

Key Name VFO Mode Function Memory Mode Function
^^
F + 1 MODE Selects receive mode. Not used.

F + 2 T.S. Selects tuning steps. Not used.
F + 3 SKIP Not used. Designates skip channels
for memory scan.
F + 4 AP ON [Starts power ON timer--but only in Clock mode.]
F + 5 SLEEP Starts sleep timer. Starts sleep timer.
F + 6 MASK Not used. Turns memory mask
function on/off.
F + 7 PRIO Starts/stops priority scan. Starts/stops priority scan.
F + 8 SET Activates SET mode. Not used.
F + 9 DIAL SEL Selects steps for DIAL SELECT. Not used
F + . SEL-M Not used. Starts/stops memory select
scan.
F + 0 MODE-S Not used. Starts/stops mode select
scan.
F + EN AUTO-MS Starts/stops auto-memory Not used.
write scan.
F + CL M>V Not used. Transfers memory contents
to VFO.
F + MR MW Writes to memory channel. Not used.
F + up P-SET Activates mode for setting Not used.
arrow programmed scan frequency
range.
F + down P-SCAN Starts/stops programmed scan. Starts/stops memory scan.
arrow

In Icomese, regular scanning is called "memory scan" and "searching"
is called "programmed scan", with the limits called "edge frequencies".

To set the programmed scan first enter VFO mode; then while pushing F,
push the up arrow (P-SET) to select Program Set mode. You get ten sets
of edge frequencies, numbered from 0 to 9. Use the up/down arrows to
select the one you want. Each set has an A and a B frequency to set.
Set the frequencies and modes you want. Select the group you want to
scan. Return to VFO mode by pressing CL.

Per the manual, don't charge the battery for more than 48 hours.
Book says about 15 hours should do it on the small wall charger
(not the BC-72--that's about 1 hour)

Charge the battery as soon as the "B" appears in the display.

While pushing CONT, turn the tuning knob to change the display
contrast.

While pushing F, push LIGHT to deactivate keyboard and tuning knob.
Squelch and PWR/VOL will still work. Do it again to reactivate.

Resetting *only if you have to* is done by simultaneously pushing F
and CL as you turn the unit on. This blows out all your settings and
restores the unit to factory defaults.

The default settings for the channels and masking options:

Channel Initial Setting Main Use and Characteristics
^^
0 144.000 MHz. Only this channel cannot be masked.
1 - 19 144.000 MHz. Used as normal memory channels.
10 - 79 Masked Skip designation area for programmed
scan.
80 - 99 Masked Frequency writing area for auto-memory
write scan.

Set Mode settings (Look at what legend appears in display's lower right):

SP is scan speed. 10 or 20.

PA limits range for memory scans (used with PB) (use tuning knob).
PB limits range for memory scans (used with PA) (use tuning knob).

SC turns programmed skip function on/off. When set to off, you cannot
skip write in a SKIP command during programmed scan or execute
programmed scan.

SC Scan resume condition (t - 10 means pause for 10 sec., then resume.
P - 02 means stay on signal, resume scan
two seconds after signal stops.)
LI Lamp (either stays on or stays on for 5 seconds.)

bE Beep tone on/off.

bL Rx lamp on/off.

PS Power saver time ratio.

SS Power saver scan on/off.

Of course, there is more, but these are the basic things. You really
ought to get the manual.

--
David S. Eitelbach | "thatrs would b a GREATttt help to use alll"
dseitel@crl.com | -Stef Aka Zodiac-

7395. Re: Radio Shack Bashing

Newsgroup: rec.radio.scanner
Date: 1994-12-27 04:58:48 UTC
From: vicdevore1@aol.com
Message-ID: <3do6u8$s29@newsbf02.news.aol.com>
Source record: 263658

Very very funny!!! I do like this!!!
-- Victor DeVore

VicDeVore1@aol.com

7396. Re: RS 2026

Newsgroup: rec.radio.scanner
Date: 1994-12-27 05:00:19 UTC
From: DPalmer@ix.netcom.com
Message-ID: <3do713$7oh@ixnews1.ix.netcom.com>
Source record: 263657

In <oppD1G9pp.8ru@netcom.com> opp@netcom.com writes:

>
>I recently purchased from the West Coast a Radio Shack 2026. From
>everything I had read, this was strictly a mobile scanner hard-wired
for
>a car. However, the unit I got has an ac adaptor for base-station use
and
>a DC converter for cig lighter. Is anyone familar with this unit which
>also has a preprogrammed frequencies: Wx, pox, fire, marine etc. And is
>cell-compatible. I'd like to hear any comments. Thanks.

I have 2 2026s, other than being a 'sponge' for intermod on UHF, they have been fine as replacements for packing a handheld around in the car. One (in a POV) shares the AM/FM antenna via a cable TV splitter, it's not the greatest reception possible, but it keeps the pager-tones from wiping out public safety traffic on UHF. The other, in a commercial vehicle has switchable antennas, for sometimes I need to have the best possible reception, but for most of the time, it is using a homebrew 15" whip mounted on the 'cage' inside of a van.

Only other advice is to keep your 100 frequencies written down. Any hint of back-up memory without b+ is nil.

--

David Palmer DPalmer@ix.netcom.com
"Oh aint it good when things are going your way, hey! hey!"

7397. Re: Price Police

Newsgroup: rec.radio.scanner
Date: 1994-12-27 05:09:25 UTC
From: Claude Mundy <cmundy@blkbox.com>
Message-ID: <Pine.SCO.3.90.941226230822.5923A-100000@blkbox.blkbox.COM>
Source record: 263488
Cross-posted to: rec.radio.scanner,rec.radio.swap,rec.radio.amateur.misc

People can really make life "interesting," can't they? And I suppose
that's part of what makes this hobby what it is.

7398. Uniden Beartracker BCT2 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-12-27 05:35:40 UTC
From: Michael Leonard <mikeleo@powergrid.electriciti.com>
Message-ID: <3do93c$3q8@arc.electriciti.com>
Source record: 263659

Does anyone know if there are any mods for this scanner?

Could anyone tell me what would be a good portable scanner that
will pick up 800 and 900 mhz.

Are there any that pick up Tac Chanels?

Thanks

7399. FTP SITES

Newsgroup: rec.radio.scanner
Date: 1994-12-27 06:21:02 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3doboe$erb@hal9000.apana.org.au>
Source record: 263525

Can anyone help me with some good ftp sites for:

scanners

and

aviation

Thanks matthew@hal9000.apana.org.au

7400. AOR 1000xlt

Newsgroup: rec.radio.scanner
Date: 1994-12-27 06:22:29 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3dobr5$erg@hal9000.apana.org.au>
Source record: 263526

Does anyone have any reviews of the aor 1000xlt? Good/bad? Features?

Thanks matthew@hal9000.apana.org.au

PS Please email me

7401. Re: California Highway Partol Repeater Freq?

Newsgroup: rec.radio.scanner
Date: 1994-12-27 06:53:53 UTC
From: KDAHLQUIST@news.delphi.com
Message-ID: <3dodm1$9du@news2.delphi.com>
Source record: 263660

154.905 ...but I am told that they will no longer be in use with the new radio system installed in the 95 Chevy Caprices. I understand that they had to use the repeter because they had a motorola vehicle radio and GE handhelds, and the original two systems were not compatilble, therefore the repeater was used.

Karl Dahlquist
kdahlquist@delphi.com

7402. Re: I need the FL State Patrol Freq's

Newsgroup: rec.radio.scanner
Date: 1994-12-27 06:56:11 UTC
From: KDAHLQUIST@news.delphi.com
Message-ID: <3dodqb$9h8@news2.delphi.com>
Source record: 263661

800Mhz Trunked System

7403. AOR 8000 vs. Yupi

Newsgroup: rec.radio.scanner
Date: 1994-12-27 07:01:01 UTC
From: conduit@aol.com
Message-ID: <3doe3d$st0@newsbf02.news.aol.com>
Source record: 263663

Ok since Santa was good to me I now have some extra money to spend on a new toy. So which one shuold it be? Should I buy the AOR 8000 or should I try and find one of those hard to come by Yupiterus? I have a BC 2500XLT but I think I need another toy. Any comments will be greatly appreciated.

Later

Glenn
KD6GQN

7404. Where can I get a BC200XLT cheap in USA?

Newsgroup: rec.radio.scanner
Date: 1994-12-27 07:19:32 UTC
From: Martin_Petersen@equinox.gen.nz
Message-ID: <3dof64$e50@southern.co.nz>
Source record: 263664

Hopefully in the next month or so, A friend is coming from the US to New Zealand where I live. I am hoping she can get me a 200XLT before she comes over. I am hoping I can get one for about $170 US. If anyone has any info on where I can get one new, cheap I would be interested in speaking with you.

I dont really require a power adapter etc, as they wont work on our 240v power system.

Cheers
Martin

7405. Re: California Highway Partol Repeater Freq?

Newsgroup: rec.radio.scanner
Date: 1994-12-27 08:09:12 UTC
From: michael.ayotte@netcom.com
Message-ID: <michael.ayotte-2712940009120001@rsg-av.com>
Source record: 263662

In article <3dodm1$9du@news2.delphi.com>, KDAHLQUIST@news.delphi.com (KDAHLQUIST@DELPHI.COM) wrote:

>154.905 ...but I am told that they will no longer be in use with the
>new radio system installed in the 95 Chevy Caprices. I understand that
>they had to use the repeter because they had a motorola vehicle radio and
>GE handhelds, and the original two systems were not compatilble, therefore
>the repeater was used.

Hmm they must need some sort of repeater. The Handhelds arent powerfull enough to reach accross town let alone a few cities away. Unless thay installed cell-like repeaters. Anyone else got any info?

---

michael.ayotte@netcom.com Riverview Systems Group (rsg-av.com)
San Jose Hilton ftp://ftp.netcom.com/pub/woodstoc/sanjose.hilton.html
IRC:woodstoc I speak only for myself
Fremont, California N 37° 34.228' W 122° 01.76' +400ft

7406. Re: Making a discone, help please

Newsgroup: rec.radio.scanner
Date: 1994-12-27 09:01:48 UTC
From: rtm@newton.apple.com
Message-ID: <rtm-2712941001480001@kip-53.apple.com>
Source record: 263531
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner

In article <3cno1d$5mv@news.csus.edu>, tching@bilge.water.ca.gov (Rice Cube) wrote:

> I'm hopin to make a discone for wideband reception. Hopefully
> from around 1MHz up to 900MHz. I have the following questions:

you're not going to get from 1 to 900 MHz in one antenna. 10 to 1 coverage is about what you'll get.

a good reference for discones is the RSGB (Radio Society of Great Britain) VHF UHF manual. in the 4th edition, it's section 8.37.
>
> 1) is the "driven" element the "cone" or the flat horizontal "disk"?

the disk. diameter is 70% of a quarter wavelength of the lowest frequency.

> 1a) which is the ground plane, the disk or cone?

the cone. length is a quarter wavelength of the lowest operating frequency. kinda big for 1 MHz. You could cover it with cloth and live in it like a teepee I guess.

> 2) any guidelines you can suggest for size of disk and cone?

see above. the critical dimension, that sets the operating impedance, is the diameter of the top of the cone. figure this is .5 inches. the spacing of the center of the top disc to the cone top is 20% of the top cone diameter (here .1 inches) for 50 ohms. make the cone angle 60 degrees

this is the hard part. if you're just going to use the discone for receiving, then the impedance isn't as critical. it is critical if you are going to be using it for transmitting as well.

you can make throw-away discones out of metal screen and brazing rods. you can make a good one if you have access to a lathe. or, if your time is worth more than that, you can buy one.

>
> 3) vertical antenna added to the driven element adds gain to what frequency
> range?

a vertical (commonly base loaded) adds to the low frequency response and is a crock.

> 3a) is the vertical whip added because of weak gain in a certain freq range?
> 3b) what size do mfr's typically make the vertical piece?
>

> I realize there is no "prefect" antenna to receive all freqs - just
> one that can do a decent job. That's all I'm looking for...

if you hook a discone up to a scanner with a wide front end, every signal in the range of the antenna is going to be dumped into the poor beastie's front end- with interesting results. you'll be able to hear things that you not only haven't been able to hear before, but things that don't really exist as wild mixing products are formed in the overloaded front end.

cheers-

--

Bob Martin N6MZV * rtm@newton.apple.com
Apple Computer, Inc * #include <disclaimer.h>
--
This Green Card .sig is here to piss off Canter and Siegel.

7407. Re: deceptive advertising from radio shack

Newsgroup: rec.radio.scanner
Date: 1994-12-27 11:32:14 UTC
From: Jason.Low@revenge.cambo.cuug.ab.ca
Message-ID: <159_9412271508@cambo.cuug.ab.ca>
Source record: 263546

I said:

: But it -doesn't- cover the least interesting portion of the 800MHz
: band--which is cellular

Then sbradley jumped in:

[incessant politicking and rambling omitted]

sb> In any event, the
sb> fact is folks are ALWAYS going to listen to cellular calls, and no law
sb> or other government action will change that. Fact!

WHY?? Because it's illegal? My Goddess, get a LIFE! Maybe the rest of the world is different from the areas I've visited, but listening to telephone calls is on par, excitement-wise, with tuning into a non-existant TV channel and watching snow. THERE'S NOTHING THERE!! If you listened to me, what you'd get is "Hi, I'm on my way home. Sure, go ahead.. cigarettes, milk, and a paper, okay, I'll pick them up on the way out." or "Hey, when you come out to meet me, don't forget to bring my charger with you, please" or something like that. Same goes for McDriveThrus around here. AND cordless phones. If you're REAL lucky you can catch someone on a cell or a cordless phone calling Pizza Hut to get a pair of large pizzas with pepperoni and ham delivered!! Wow, I bet that'd make your day!!

Grab a grip.

jason low derran@revenge.cambo.cuug.ab.ca
REMR - PumpA - Part 1 2 3 4 - Driver - V-X Tech - Trench Tech - General Peon

--
|Metronet: Jason Low 201:5500/2722
|Internet: Jason.Low@revenge.cambo.cuug.ab.ca
|
| Via Operation Sundevil, Internet Gateway. Calgary Alberta Canada.

7408. Re: Price Police

Newsgroup: rec.radio.scanner
Date: 1994-12-27 12:18:04 UTC
From: phr@netcom.com
Message-ID: <phrD1Gy64.GDI@netcom.com>
Source record: 263666
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <marcbg-2512942252150001@net51.metronet.com>,
Marc B. Grant <marcbg@metronet.com> wrote:
>I posted a radio recently which sells at a street price for over $450 -
>for $315. It took me two months to sell it because of smartass folks who
>posted to the newsgroup AND sent me mail with offers like "$175" or posted
>things like "I can get it for $350" etc etc etc. When I finally sold it,
>the guy I sold it too was TICKLED with the purchase, realized he saved 30%
>off the purchase price of a new radio yet still had all the value of
>buying a new unit. He even called after he received the unit and used it
>a while to thank me.

It took you two months to sell it because you had it priced too high
to sell quickly to well-informed buyers, that's all. The purpose of
posting mail order prices etc. to the newsgroup is to help buyers be
well-informed. Remember, it's an *information* exchange.

>What pisses me off to no end is when I get cute little remarks BOTH via
>e-mail and postings that say things like "Good price - NOT" or "This is
>priced too high - you are trying to rip people off" or "What's the matter
>with you" or "Your price is ridiculous" - these are actual snips from
>actual email messages. I know many of you who sell things on the net have
>received them also.

I agree flaming is inappropriate unless it looks like the seller is
deliberately trying to find an uninformed buyer to overcharge. But
any beef against informational non-flaming posts seems self-serving on
the part of the seller.

>Folks, this is a free market. If you have a beef with prices, then write
>the poster personally (Don't post it to the group) with something like:
>
>"Marc - your price seems a little high. A new radio at XXXX costs only
>$ZZZ, and I was wondering why your price was so high. Just thought I'd
>let you know, and anyway, good luck".

I disagree. The content of that letter is ok, but it should be posted
to the group, not sent privately to the seller, since prospective
buyers need this information even more than the seller does.

7409. Re: Minnesota Freq's

Newsgroup: rec.radio.scanner
Date: 1994-12-27 12:57:57 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3dp30l$nje@nntp.crl.com>
Source record: 263668

> I was wondering if anyone could E-mail me some frequencies in the
> Twin Cities area.....
> Thanks
> -Bob Straka
> strak005&maroon.tc.umn.edu
>

+--

Frequency RS Code Licensee Name
00000091.10000000 BF MINNESOTA PUBLIC RADIO, INC.
00000091.10000000 BF MINNESOTA PUBLIC RADIO, INC.
00000092.70000000 BF MINNESOTA PUBLIC RADIO
00000092.70000000 BF MINNESOTA PUBLIC RADIO
00000092.70000000 BF MINNESOTA PUBLIC RADIO
00000945.00000000 BA MINNESOTA PUBLIC RADIO
00000948.50000000 BA MINNESOTA PUBLIC RADIO

7410. Re: SCANNING ON PASSENGER (vs smoking)

Newsgroup: rec.radio.scanner
Date: 1994-12-27 13:05:41 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3dp3f5$nje@nntp.crl.com>
Source record: 263669

> Robert Harpelle (aa770@cfn.cs.dal.ca) wrote:
> : Nicholas McLarty (mcs@crl.com) wrote:
> : : DctrHappy (dctrhappy@aol.com) wrote:
> : : : :You gotta be nuts if you think turning on your BEarcat is
> : : : :gunna hurt their navcom.
>
> : I disagree with you about the interference possiblities I will give you
> : this scenario the common IF of most scanners and handhelds is 455 khz this
> : same freqency is the if for the VOR/ILS made by collins installed on many
> : commercial aircraft including the CL-60 Challenger . This peice of
>
> Yes, I know that and I'm quite familiar with ILS, VOR, DME, and all that
> fun stuff. Gee, that must be why if scanners are permitted at all they
> are not permitted during landing (ILS) and takeoff. Hmmmm.
>

Hey guess what, Delta Airlines will not permit smoking on
ANY of it flights starting next week.They claim to be the only airline
in the world to make that move.

Since I don't smoke and my wife can't stand to be around those that
do, we will start using delta exclusively even if they cost more.
Do they permit radios to be used in flight?

Vic ki4je

7411. Re: AOR 8000 vs. Yupi

Newsgroup: rec.radio.scanner
Date: 1994-12-27 13:16:52 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3dp444$o15@nntp.crl.com>
Source record: 263670

You can find information in html format if you have a web browser
on the ar8000 via url

ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

Someone may have done the same for the Yupi but I doubt it.
The ar8000 is a far more sophisticated radio for the money.

Vic

> Ok since Santa was good to me I now have some extra money to spend on a
> new toy. So which one shuold it be? Should I buy the AOR 8000 or should
> I try and find one of those hard to come by Yupiterus? I have a BC
> 2500XLT but I think I need another toy. Any comments will be greatly
> appreciated.
>
> Later
>
> Glenn
> KD6GQN

7412. BC9000XLT INFO!

Newsgroup: rec.radio.scanner
Date: 1994-12-27 13:53:25 UTC
From: Jeff Goldman <76703.4224@compuserve.com>
Message-ID: <3dp68m$l01@panix3.panix.com>
Source record: 263671

Special features of the BC9000XLT, due late January 1995:

1) Data Skip during Scans or Searches

2) You can search at 300cps in ANY band as long as you're in 5kHz increments.

3) You can lockout up to 50 channels during a Search.

4) Channel delay is settable PER CHANNEL, not global.

5) An attenuator gives 15dB of attenuation and is settable PER CHANNEL, also not global.

6) You can use stereo earphones with the BC9000XLT; no adapter needed.

7) You can search Up OR Down in frequency.

8) There'll be a Hi Cut filter to cut highs if the signal is overly hissy.

9) User selectable modes include WFM, NFM, and AM

10) There will still be a VFO and hit counter in the new base, whereas the new handheld, the BC3000XLT won't have these.

11) Only thing you lose is the ability to use the Priority feature during a Search. It'll still have only 250 alpha memories out of 500 channels.

12) There'll still be no Wx Search, but you will have the option of putting the same optional BC005 PL board that the BC8500XLT uses.

-Jeff, CIS HamNet Scanning Sysop

7413. INDEX

Newsgroup: rec.radio.scanner
Date: 1994-12-27 14:22:00 UTC
From: russell.wright@xoanon.com
Message-ID: <9412290230136773@xoanon.com>
Source record: 263605

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7414. freq. help please

Newsgroup: rec.radio.scanner
Date: 1994-12-27 14:38:54 UTC
From: SAFS015@uabdpo.dpo.uab.edu
Message-ID: <17099799ES86.SAFS015@uabdpo.dpo.uab.edu>
Source record: 263673

could someone pleas email the 400mhz freq for cordless phones and
also the 800mhz cell phone freq's to me?
i do not have access to the faq and i have seen these freq's posted
here before but i lost them. also if any one has a pro-39
mod for cell acces. this info is strictly for my personal knowledge
and will not be used illegally.

much thanks,
sam
safs015@uab.dpo

7415. For Sale - Icom R-9000

Newsgroup: rec.radio.scanner
Date: 1994-12-27 15:03:18 UTC
From: neshq@delphi.com
Message-ID: <xa70fT2.neshq@delphi.com>
Source record: 263674

Mint condition, 1 yr old R-9000. $4000 firm + shipping.
Unblocked, covers 800 MHz.
Call Bob @ (716) 381-1702.
Note: bought 2 for a project, now just need one.
Has never left the lab, have VHF/UHF/800 antenna (included).

7416. Re: 800 TRUNKING SQUEAL... STILL LOOKING

Newsgroup: rec.radio.scanner
Date: 1994-12-27 15:12:07 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3dpas7$9cf@umcc.umcc.umich.edu>
Source record: 263528

Yes I built mine and it isn't that hard to do. The August 93 issue would be available from Monitoring Times by calling (704) 837-9200

Les

7417. Javiation in U.K.

Newsgroup: rec.radio.scanner
Date: 1994-12-27 15:47:32 UTC
From: tabithac@aol.com
Message-ID: <3dpcuk$16c@newsbf02.news.aol.com>
Source record: 263533

I have been trying to get in touch with Javiation to order a scanner for a couple days now, and no answer.

Does anyone know if they are closed for the holidays and if so when they will reopen.

The phone# I have is 44 274 732146, is this correct?

7418. Need mod for bc350a

Newsgroup: rec.radio.scanner
Date: 1994-12-27 15:57:32 UTC
From: chrisb@millcomm.com
Message-ID: <3dpdhc$h06@news.millcomm.com>
Source record: 263537

Any help in finding a mod for the Bearcat bc350a would be greatly appreciated.
Thanks,
Chris B.
chrisb@millcomm.com

7419. Re: mods for 890xlt

Newsgroup: rec.radio.scanner
Date: 1994-12-27 16:22:00 UTC
From: clint.bradford@ectech.com
Message-ID: <9412281545121993@ectech.com>
Source record: 263590

DAN>>Anyone have the mods for the Bearcat 890xlt?

There are many "mods" for the BC-890XLT. What would you like the unit to
do that it doesn't do now?

7420. PRO-43 MOD FAQ???

Newsgroup: rec.radio.scanner
Date: 1994-12-27 16:22:08 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3dpevg$tsc@tiger1.ocs.lsu.edu>
Source record: 263667
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Is there a FAQ for the PRO-43? I am also curious about the date code on those units...somebody posted that if the date code inside the battery compartment has an 'A' in it, then it is a post-ban scanner . I thought they produced the pre-ban scanners until about june of 1994, so a date code of 6A4 (or 4A6, I forgot the placement) while having an 'A' in it would be a pre-ban.

Can anyone shed some light on this?

Thanks,
Dave

7421. Re: AOR 8000 vs. Yupi

Newsgroup: rec.radio.scanner
Date: 1994-12-27 16:39:27 UTC
From: jkronz@pts.mot.com
Message-ID: <D1HA9r.5u@pts.mot.com>
Source record: 263538

Vic,

I don't want to start a Yupi / AOR war here but lets be honest
when talking about the two radios... AOR has not had the best quality
record and just because they come out with a scanner that has tons
of extra toys does not mean it does better on what it is supposed to
do. IE recieved radio transmissions... The Yupi has been tried and true
in this department and still is according to most more sensitive than
the AOR... I had owned an AOR but got rid of it because of the problems
with quality (even the 8000 was shipped with a pretty major bug originally...

I work in the consumer products development and I would have never
let such a device ship...

My opinion, waiting for all the bugs to come out before I purchase
the 8000, Yes, I will get it, I must have the newest toys. :-)

-jason

Ki4je (vhealey@crl.com) wrote:
: You can find information in html format if you have a web browser
: on the ar8000 via url

: ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

: Someone may have done the same for the Yupi but I doubt it.
: The ar8000 is a far more sophisticated radio for the money.

: Vic

: > Ok since Santa was good to me I now have some extra money to spend on a
: > new toy. So which one shuold it be? Should I buy the AOR 8000 or should
: > I try and find one of those hard to come by Yupiterus? I have a BC
: > 2500XLT but I think I need another toy. Any comments will be greatly
: > appreciated.
: >
: > Later
: >
: > Glenn
: > KD6GQN

7422. For Sale-Pro-38, Handheld

Newsgroup: rec.radio.scanner
Date: 1994-12-27 17:04:30 UTC
From: rdunn@sallie.wellesley.edu
Message-ID: <27DEC94.17043082@sallie.wellesley.edu>
Source record: 263539

For Sale: Realistic Pro 38, Handheld, with:

10 Channels

The following bands:

29-50, 50-54, 136-144, 144-148, 148-174,
406-450, 450-470, 470-512

$ 65.00, OBO, Bob, (rdunn@wellesley.edu)

7423. Re: California Highway Partol Repeater Fre

Newsgroup: rec.radio.scanner
Date: 1994-12-27 17:20:47 UTC
From: wps@ElSegundoCA.ATTGIS.COM
Message-ID: <D1HC6n.FpI@lcpd2.SanDiegoCA.NCR.COM>
Source record: 263540

In article 2712940009120001@rsg-av.com, michael.ayotte@netcom.com (Michael Ayotte) writes:
-->In article <3dodm1$9du@news2.delphi.com>, KDAHLQUIST@news.delphi.com
-->(KDAHLQUIST@DELPHI.COM) wrote:
-->
-->>154.905 ...but I am told that they will no longer be in use with the
-->>new radio system installed in the 95 Chevy Caprices. I understand that
-->>they had to use the repeter because they had a motorola vehicle radio and
-->>GE handhelds, and the original two systems were not compatilble, therefore
-->>the repeater was used.
-->
-->Hmm they must need some sort of repeater. The Handhelds arent powerfull
-->enough to reach accross town let alone a few cities away. Unless thay
-->installed cell-like repeaters. Anyone else got any info?
-->
-->----------
-->michael.ayotte@netcom.com Riverview Systems Group (rsg-av.com)
-->San Jose Hilton ftp://ftp.netcom.com/pub/woodstoc/sanjose.hilton.html
-->IRC:woodstoc I speak only for myself
-->Fremont, California N 37° 34.228' W 122° 01.76' +400ft

They are really called car extenders. Since CHP uses frequencies in the
42MHz range, the extender acts like a small cross-band repeater to
translate the 42MHz to the 154 MHz used on their handhelds. This does
make if nice to have my 2 Meter handheld scan this CHP frequency while on
the freeways. It does tip me off, but it does nothing for me for the
CHP officers on bikes. The do not have a car extender.

+---+
| Bill Starkgraf wps@ElSegundoCA.ATTGIS.com |
| AT&T Global Information Solutions (310) 524-5754 |
| El Segundo, CA (800) 222-8372 x5754 |
| |
| Call: KD6UQB Simi Settlers ARC |
| Simi Valley, CA |
+---+

7424. Re: FCC databsae codes

Newsgroup: rec.radio.scanner
Date: 1994-12-27 17:53:00 UTC
From: hamed@netcom.com
Message-ID: <hamedD1HDoC.It5@netcom.com>
Source record: 263529

Marvin Hoffman (HOFFMANMK@CONRAD.APPSTATE.EDU) wrote:

More complete list:

AA Aviation Aux
AC Civil Air Pat
AD Aero Developmental
AF Aero Fixed
AG Aircraft
AR Radionavigation (Radar)
AX Aero Satellite

BA Broadcast Aux
BF FM Broadcast
BI Int'l Broad
BS AM Broad
BT TV Broad

CA Common Carrier Mobile
CC Int'l Mobile Fixed Control
CD Domestic Fixed
CF Pt-Pt Microwave
CG Domestic Air-Ground
CI Int'l Fixed
CM MDS
CO ORTS
CP Int'l Fixed Press
CR Rural Telephone
CS Int'l Fixed Satellite
CT LTTS
CX DOmestic Fixed Satellite

DS Disaster

HA Amateur
HR RACES
HS Amateur Satellite

IB Business
IF Forestry
IM Motion Picture
IP Petroleum
IR Speed Radar
IS Farming
IT Telephone Maint
IW Power

IX Manufacturers
IY Press

LA Towing
LI Interurban Bus
LJ Interurban Trucking
LR Rail
LU Urban Bus
LV Urban Trucking
LX Taxi

PF Fire
PG State Guard
PH Highway Maint
PL Local Gov't
PO Forest Rangers
PP Police
PS Special Emergency

GB Business SMR
GC Motor Carrier SMR
GO Other SMR
GP Public Safety SMR
GT Taxi SMR
GX Mixed SMR

YB Business Trunked
YC Motor Carrier Trunked
YO Other Trunked
YP Pub Safety Trunked
YT Taxi Trunked
YX Mixed Trunked

MA Marine Aux
MC Marine Coast
MK Marine Alaska
MR Marine
MS Ship
MX Marine Satellite

RA Radio Astronomy

SF Standard Frequency

SM ISM

TR CARS

XC Experimental Contract
XD Experimental Developmental
XE Experimental Export
XR Experimental Research

ZA GMRS
ZC Radio Control
ZD 27 MHz CB

The class of station symbols are a similar list. I will post when I have tim
...

: See below:

: In <3dcja7$nte@detroit.freenet.org> af631@detroit.freenet.org writes:

: >
: > Recently I obtained an FCC DB file for my area, it seems to be
: > "faiirly" accurate. The codes in the SVC, TYPE and EMISSIONS
: > columns are greek to me. Is there a way to figure out these
: > codes ? Here is an example of what I am trying to figure out.
: >
: > SVC = PP PUBLIC SAFETY - POLICE
: > TYPE = FB2 MOBILE RELAY
: > EMISSIONS = 20KDF3E NARROW BAND FM

: >
: > Any help would be great.
: > Thanks in advance
: > Dennis
: >
--

Hammett & Edison Inc engr@h-e.com
San Francisco 707/996-5200

7425. Request for Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-12-27 18:05:31 UTC
From: Steve Mielnicki <sem2+@pitt.edu>
Message-ID: <3dpl1c$5vt@usenet.srv.cis.pitt.edu>
Source record: 263527

I am taking a trip from Pittsburgh to Chicago. I need the freqs for
Ohio, Indiana and Illinois State police. All I really need are the
freqs for the Turnpike patrols.

Thank you in advance.

Steve Mielnicki
Systems Analyst
University of Pittsburgh
sem2+@pitt.edu

7426. rec.radio.scanner FAQ list, or FTP site list?

Newsgroup: rec.radio.scanner
Date: 1994-12-27 18:22:30 UTC
From: max@alcyone.darkside.com
Message-ID: <8V9ZXc6w200w@alcyone.darkside.com>
Source record: 263595

I've searched through the newsgroup and news.answers and haven't been able to find a FAQ list for rec.radio.scanner. Does one exist?

What I'm really looking for is a storehouse of documents on scanning (primarily looking for frequencies). Does one exist via ftp?

Erik Max Francis, &tSftDotIotE ...!uuwest!alcyone!max max@alcyone.darkside.com
San Jose, CA ... GIGO, Hg, Omega, Universe, Psi ... ICBM: 37 20 N 121 53 W _
H.3`S,3,P,3$S,#$Q,C`Q,3,P,3$S,#$Q,3`Q,3,P,C$Q,#(Q.#`-"C`- ftmfbs kmmfa mc2 / \
Omnia quia sunt, lumina sunt. ("All things that are, are lights.") -><- _/

7427. Re: Price Police

Newsgroup: rec.radio.scanner
Date: 1994-12-27 19:29:07 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-2712941328420001@net205.metronet.com>
Source record: 263536
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

Whew. I knew I'd receive mail on this, but the magnitude is amazing. As many can tell, I am merely trying to raise this issue, since I've never seen it presented here before.

As for the comments I've received as to Hamfest pricing, it's alot different when you're dealing with someone in person - at least you usually respect them, even if they are trying to sell a HT-101 for $950. You may wonder what they've been smoking, but at least you look at the price and move on, scratching your head.

Another valid sentiment I received is to simply ignore the comments and keep on chuckin' - which is what I've been doing for three years now. I think with the advent of AOL, CIS, and the general internet explosion, we have more traffic, and despite the Usenet Sale Guidelines (which no one seems to read anymore!) there's alot of extraneous comments about pricing which just seem downright rude.

I've changed my tune on one item - IMHO, it's alright for the person complaining about the price to post an email and newsgroup message - but for crying out loud, do so in good taste! It IS a good method for those unaware of pricing to see the general flow of things and determine for themselves if the item is overpriced.

Don't get me wrong - I'm not for ripping anyone off - never have and never will be. But, there's fair pricing, there's outrageous pricing, and then there's pricing that makes you wonder if you'll burn your hand when you touch the unit.

If this discussion turns a light on in one person, then I've accomplished what I was after - raising the consciousness of sellers AND buyers on the net concerning pricing, courtesy, and common sense.

--
Marc B. Grant
marcbg@metronet.com
Amateur Radio N5MEI

7428. Re: Anyone decoding alphanumeric pagers ;-)

Newsgroup: rec.radio.scanner
Date: 1994-12-27 19:39:58 UTC
From: sbradley@sgb.oau.org
Message-ID: <D1HIMo.Cwp@sgb.oau.org>
Source record: 263545

Kenneth R. Fowler (kfowler1@osf1.gmu.edu) wrote:
: On 26 Dec 1994, Chris Barbosa wrote:

: > Hello,
: > Can you please explain your use of a
: > "Paralell to Serial converter"on the M-400 ?
: >
: > I am a recient M-400 purchaser (Used , version 1.02)
: >
: I hope this inquiry is not for an illegal venture. It is illegal to
: use any of the information you may see off the pager frequency.

Aww Gee, give me a break! First off, let me set you straight on a couple of items.

(1) I don't give a d*mn about any law(s) which may or may not exist. They don't stop my cellular monitoring, nor my cordless monitoring. As I recall, you've got to be violating the law in the presence of a law enforcement officer for *any* action to be taken. As per pager info, that's funny -- down here I have heard from reliable sources that some law enforcement departments are using alpha pagers to relay confidential past criminal history data due to it being illegal to transmit it over conventional radio. There are quite a few chuckles which can be had on the alpha transmissions.

(2) The M-400 decoder has been manufactured and sold in the US for the past TWO YEARS, hardly suggesting it's an illegal device!

(3) A parallel to serial converter is a device which takes the parallel printer output (yes, it has one for printing what is "heard" on those "illegal" pager frequencies) and converts it for serial for computer terminal software to store, capture, scroll through it, in mass amounts. It takes a printer connection and makes it plug into the computer where the modem would.

(4) As suggested in (1) and (2) above, I do not care about the so-called laws about cellular/cordless/paging/broadcast-relay/ECPA/communications acts of 1934, they are all unenforcible, unless you're dumb or stupid and carry out such action in the complete view of the law. The privacy of my home provides plenty of enjoyment indulging in all of the activities which supposedly are illegal. Guess what? It's not stopped me or anyone I know. They are laws without power of enforcement. Therefore, no reason to even consider obeying them.

(5) The last time I checked, these were INTERNATIONAL newsgroups, and what may be illegal in one country may be completely legal elsewhere. In any

event, the discussion and distribution of information is completely, 100% legal in the US. If this bothers you, go pick on the alt.2600 folks!

Steven
--
Steven G. Bradley | The Forest City Exchange | H) 407/862-7226
System Administrator | Forest City, Florida | W) 407/578-8007 x1196
| (407) 862-8088 or (407) 788-8088 | steven@gate.net
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | sbradley@netcom.com

7429. CET FCC Database - cheaper access

Newsgroup: rec.radio.scanner
Date: 1994-12-27 19:41:30 UTC
From: adamld@atl.com
Message-ID: <1994Dec27.194130.3394@atl.com>
Source record: 263672

The latest ScannerMaster catalog offers to set you up with
a CET account for a one-time fee of $25 (this includes ten
minutes of usage) with a per-minute charge of $1.50 (though
the call is toll-free) billed to a credit card. Note that
I'm quoting this from memory, and am not connected to
ScannerMaster. Their number is 800.248-5441.

In a recent message Richard Dillman wrote:

> C.E.T. provides 24 hour on-line access to the FCC database
> via an 800 number. Searches may be made by company name,
> frequency, call sign or geographic area. Searches by, for
> example, company name or call sign, may be narrowed to a
> particular state or even zip code. Searches for all licenses
> within a specified radius of a given point may also be made. The
> service is aimed at commercial two-way radio companies and
> consultants and there are many other features which are useful in
> the licensing process. Complete copies of the station license
> are available. Information may be downloaded by any of several
> protocols including ASCII, Xmodem and Zmodem.
>
> C.E.T. charges about $1.50/minute for on-line time and
> requires a $250 deposit to open an account. I have found this to
> cover about 1 year of my use but of course that figure depends
> upon how heavily the system is used. I have found the service to
> be unfailingly accurate.
>
> I have often felt that the $250 deposit requirement might
> put this system beyond the reach of most hobbyists, but for those
> contemplating an expenditure of $173 for a CD-ROM database the
> extra expense may not be out of the question. Or perhaps several
> people could pool their resources for a subscription. In any
> case, C.E.T. provides the best source I know of for accurate, up-
> to-the-minute FCC database information.
>
> C.E.T. may be reached by phone at 904-426-0014, by fax at
> 904-426-0099 or by mail at 1001 S. Ridgewood Avenue, Edgewater,
> FL 32132.
--
Adam Levin-Delson adamld@atl.com Vx: 206.487-8681
Atlantis Diagnostic Int'l Inc. Fx: 206.487-8170
18939 120th Ave. NE Ste.111 Bothell, WA 98011 USA
If this signature appears twice you're a winner!

7430. Charging BP-200 while detached from xlt?

Newsgroup: rec.radio.scanner
Date: 1994-12-27 22:13:32 UTC
From: Pete Fanning <FANNINGP@MUSIC.LIB.MATC.EDU>
Message-ID: <27DEC94.18603771.0022@ESAMATC.LIB.MATC.EDU>
Source record: 263552

Greetings!

Santa was nice this year :)

Got a BC200XLT, with a modified battery pack that lasts up to eight hours, and I find I want to buy a spare battery pack so I can swap between the two.

My question is, and forgive me if this sounds like a rediculous question for some of you seasoned vets, can I charge the BP-200 pack even when it is not attached to the scanner? That way, I can always have a pack on the charger, and one on the scanner and flip flop as needed.

I've never really dealt with a nicad battery pack before, thus the question. I just wanted to make sure I can do this before I try it.

Love my scanner. Can anyone recommend a decent database program that I can use to keep track of all of my banks? I've seen several, but most don't cater to the sophisticated scanners we now have.

I'm thinking of writing my own in Clipper 5.02d, but if I can find a package that you all absolutely love, and I find that I do too, then I'll reconsider.

Thanks for your help in advance.

Pete Fanning
Internet: fanningp@music.lib.matc.edu

7431. Please email FAQ...

Newsgroup: rec.radio.scanner
Date: 1994-12-27 22:28:56 UTC
From: justin@psg.com
Message-ID: <1994Dec27.222856.24746@psg.com>
Source record: 263541

Can some one please email me the scanner faq.

Thanks!

-jn

justin@psg.com

7432. Re: SCANNING ON PASSENGER (vs smoking)

Newsgroup: rec.radio.scanner
Date: 1994-12-27 22:48:53 UTC
From: mcs@crl.com
Message-ID: <3dq5kl$k4g@crl5.crl.com>
Source record: 263550

Ki4je (vhealey@crl.com) wrote:
: Hey guess what, Delta Airlines will not permit smoking on
: ANY of it flights starting next week.They claim to be the only airline
: in the world to make that move.

: Since I don't smoke and my wife can't stand to be around those that
: do, we will start using delta exclusively even if they cost more.
: Do they permit radios to be used in flight?

Heya Vic! Well, this is really what the debate was about, but I have
read in Delta's in-flight magazine that VHF/UHF receivers were permitted
(same goes for HT's for listening), but Ham Radios (must be for
transmitting) and not permitted. Furthermore, nothing can be operated
during takeoff, taxi, landing, initial approach, or anytime when ILS or
EFIS is used.

73 de KC5IUZ

C/Amn Nicholas McLarty, KC5IUZ mcs@crl.com
United States Air Force
Texas 882nd AFJROTC Group: San Antonio, TX

For public PGP 2.3 key, finger or e-mail the address above
PGP Fingerprint 64 29 66 2B B4 53 C2 8D 33 73 A7 33 16 78 D1 05

7433. Active USAF UHF Frequencys around USA-Canadian

Newsgroup: rec.radio.scanner
Date: 1994-12-27 23:28:00 UTC
From: dmaxwell@hookup.net
Message-ID: <dmaxwell.13.2F00A300@hookup.net>
Source record: 263530

```
Very interested in monitoring USAF activity in there Canada USA border in the
UHF band.Anyone got any hot freqs for refuelling etc
--------------------------------------------------------------------------
David R. Maxwell dmaxwell@hookup.net

--------------------------------------------------------------------------
```

7434. Re: I need the FL State Patrol Freq's

Newsgroup: rec.radio.scanner
Date: 1994-12-27 23:33:57 UTC
From: rossl40555@aol.com
Message-ID: <3dq895$3eq@newsbf02.news.aol.com>
Source record: 263543

154.92 154.65

7435. Re: Active USAF UHF Frequencys around USA-Canadian

Newsgroup: rec.radio.scanner
Date: 1994-12-27 23:59:52 UTC
From: mcs@crl.com
Message-ID: <3dq9po$htu@crl11.crl.com>
Source record: 263532

David R Maxwell (dmaxwell@hookup.net) wrote:
: Very interested in monitoring USAF activity in there Canada USA border in the
: UHF band.Anyone got any hot freqs for refuelling etc

Sure David...let me find some...<time passes>. Here ya go:
US: Air Force, Blue Angels aerobatic jets

[USA-wide]__________ 142.0000____call? (others)
" " 143.0000____call? (others)
" " 143.6000____call? (others)
" " 241.4000____call? (others)
" " 251.6000____call? (others)
" " 275.3500____call? (others)
" " 384.4000____call? (others)

407.850 Echo Air Force 1/2 phone patch (uplink)
415.700 Foxtrot Air Force 1/2 phone patch (downlink)
361.600 Uniform AF1 Communications
Presidential Nighthawk Aircraft Fleet (HMX)
375.000 Transport
265.800 Squadron common

AF1/2 Orderwire UHF (wideband FM)
(sidebands used for phone patches)
Uplink Downlink
382.350 326.000 F1
305.550 246.950
336.800 344.000
322.750 366.000
397.050 390.000

That's all I have out of 6 separate lists. Everything else is VHF or HF
(There is a LOT of HF ops, and that'd be your best bet. Now, if you went
to Radio Shlock and bought a Police Call book for your region, it'd show
local VHF/UHF frequencies. For HF, contact me.)

C/Amn Nicholas McLarty, KC5IUZ mcs@crl.com
United States Air Force
Texas 882nd AFJROTC Group: San Antonio, TX

For public PGP 2.3 key, finger or e-mail the address above
PGP Fingerprint 64 29 66 2B B4 53 C2 8D 33 73 A7 33 16 78 D1 05

7436. Expanded 46/49Mhz Cordless Freqs???

Newsgroup: rec.radio.scanner
Date: 1994-12-28 00:07:10 UTC
From: dhubba@access1.digex.net
Message-ID: <3dqa7e$mjq@access1.digex.net>
Source record: 263534
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Several months ago I read in Popular Communications that the FCC was considering the addition of 15 handset/base frequency pairs for use in cordless telephones. These frequencies would be near the current 46/49 pairs (i.e. analog). Does anyone have any further info on this?

Tnx...Dave

--
****
dhubba@access.digex.net
J. D. Hubbard
****

7437. Mods for Pro-2022 (other than 800Mhz)???

Newsgroup: rec.radio.scanner
Date: 1994-12-28 00:10:15 UTC
From: dhubba@access1.digex.net
Message-ID: <3dqad7$n5b@access1.digex.net>
Source record: 263535
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does anyone have mods (or know where I could find them) for the
Radio Shack Pro-2022 scanner? I've checked oak.oakland.edu and all
they have is the 800Mhz unlock mod.

Thanks,

Dave

--
****
dhubba@access.digex.net
J. D. Hubbard
****

7438. Re: PRO-43 MOD FAQ???

Newsgroup: rec.radio.scanner
Date: 1994-12-28 01:11:33 UTC
From: gdallal@world.std.com
Message-ID: <D1Hxz9.Lu@world.std.com>
Source record: 263542
Cross-posted to: rec.radio.scanner,alt.radio.scanner

David B Baker (dbaker@tiger.lsu.edu) wrote:
: Is there a FAQ for the PRO-43? I am also curious about the date
: code on those units...somebody posted that if the date code inside
: the battery compartment has an 'A' in it, then it is a post-ban
: scanner . I thought they produced the pre-ban scanners until about
: june of 1994, so a date code of 6A4 (or 4A6, I forgot the placement)
: while having an 'A' in it would be a pre-ban.

No, no, no. All dates have an A in them. June of 1994 is 6A4. Units
with an A in the serial number are not modifiable.

7439. Re: Price Police

Newsgroup: rec.radio.scanner
Date: 1994-12-28 01:58:03 UTC
From: phr@netcom.com
Message-ID: <phrD1I04s.2IA@netcom.com>
Source record: 263557
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <marcbg-2712941328420001@net205.metronet.com>,
Marc B. Grant <marcbg@metronet.com> wrote:
>Whew. I knew I'd receive mail on this, but the magnitude is amazing. As
>many can tell, I am merely trying to raise this issue, since I've never
>seen it presented here before.

It's been a recurring topic on every forsale group that I've ever seen
since the vax where I used to work became the 13th machine on Usenet
around 1980.

7440. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-12-28 02:17:31 UTC
From: parnass@ihlpf.att.com
Message-ID: <D1I117.K3F@nntpa.cb.att.com>
Source record: 263544
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: December 27, 1994. Lines changed since the | previous issue are marked with a | character in the right | margin.

Introduction to Scanning
by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, where to get it repaired if required, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves between 49.67 and 49.99 MHz by their sensitive baby monitor intercom.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. A new law threatens to outlaw listening to cordless phones, too.

It is now illegal for companies to sell recently manufactured scanners which cover or can be easily modified to cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have enacted their own laws against listening to cordless phones. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend Trident nor many | of the AOR brand scanners.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners almost always provide more audio than portables, and portables are usually more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band. Usage of the 800 - 950 MHz band is growing fast and you will miss out on the action unless your scanner covers this band.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio specifically designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to many scanner owners.

Almost all low and mid-priced scanners are prone to | receiving images -- receiving the same signal erroneously | on two or more frequencies. With a few exceptions, images | are undesireable due to the interference they cause, e.g., | hearing aircraft transmissions while the scanner is tuned | to the local police frequency. Premium quality scanners | use "up conversion" circuitry, a scheme which greatly | reduces image reception. |

Currently, the more popular scanners include the Uniden/Bearcat B760XLT (a/k/a 950XLT) and Radio Shack PRO-2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT), 220XLT, and Radio Shack PRO-43 portables. A number of owners report problems with the Icom R1 and the Uniden/Bearcat 8500XLT and 2500XLT. New Uniden replacement models, the 9000XLT and 3000XLT, will be available soon.

Considered by many as the best scanner ever made, the 400 channel Radio Shack PRO-2006 has recently been replaced by the 1000 channel PRO-2035. The portable Radio Shack PRO-62 is a good performer. All three models employ up conversion | and are made for Radio Shack by GRE (General Research | Electronics). Both GRE and Uniden make scanners for Radio | Shack.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. |

Portable scanners are supplied with a spring shaped | antenna, covered by rubber. Although it is small and | tolerant of physical abuse, the range of a heliflex antenna | is very limited. Augmenting it with a 19" telescoping | metal antenna can improve portable reception greatly. |

Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane | type antennas can be more prone to lightning strikes because they are not at "DC ground." |

Coaxial Cable Feedlines |

If your antenna installation requires more than 50 feet of | feedline, use RG213/U or high quality RG8/U coaxial cable. | RG213/U has a non-contaminating jacket and will last | longer. Each has an outer diameter of about 13/32". | Similarly sized Belden 9913 cable and clones have lower | attenuation but are difficult to bend, require special | connectors, and can accumulate moisture inside because it | they are hollow. |

If you must use a small diameter cable for long runs, use | RG6/U. Avoid RG58/U (7/32" OD) due to its losses at high | frequencies. RG8/X (1/4" OD) is suitable for short patch | cords. |

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Wal-Mart, K-Mart, Service Merchandise, and Circuit City sell scanners, but carry just a few models. Department stores, like Sears Roebuck and Montgomery Wards, sometimes offer low end scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- Marymac Distributing (Katy, TX) sells Radio Shack scanners at discount, but charges a 20% restocking fee for returned merchandise. Telephone (800)231-3680 and (713)392-0747.

- Scanner World (Albany, NY). Telephone (518)436-9606.

Beware of inflated "shipping and handling" charges and be sure to include these when comparison shopping.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, garage sales, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. By federal regulation, new scanner models cannot be easily modified to tune the cellular phone bands.

Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

KD4MOJ maintains a scanner modification server for people without FTP access. You can request a list of scanner modifications by sending electronic mail with the words GET INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove Enterprises for about $25. This single edition contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA, tel. (508)655-6300) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. It will likely disappoint experienced scanner hobbyists and is better suited for beginners. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The new PerCon Spectrum CDROM sells for $29 and contains a handful of fields for every FCC license in the US. It works well.

Grove enterprises sells FCC license information on CDROM for $100. The fields are similar to PerCon's Spectrum CDROM, but the transmitter and licensee location are intermixed which makes query results confusing. The first release has problems with mistakes in the data and documentation, and I look forward to a new release to correct these shortcomings.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

As I have already done for dozens of radio enthusiasts in several states, I will locate FCC licensed and selected FAA transmitter sites in an area of your choice, and produce a custom color map. I call this new innovation RadioMap(TM) service. It allows you to identify antenna sites (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of interest -- from VLF through microwave.

This is completely different from the limited maps displayed on the Grove Enterprises CDROM. Through a new licensing arrangement with a professional mapping company, RadioMap shows detailed streets, railroads, rivers, and cities. Ham radio stations are not shown as they would clutter the RadioMap. RadioMap includes key sheets which list frequencies, callsigns, and licensee names. In rural areas, ranges of up to 10 miles are possible, while ranges of 1/2 to 3 miles produce best results in urban cities.

I will produce custom color 8-1/2" by 11" RadioMap reports, suitable for framing or laminating, for areas in any of the 50 states. Send $19.95 for each color RadioMap, your name, address, and telephone number, along with center location (nearest intersection of 2 streets, or latitude & longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM central time.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or

anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded, attenuating cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio and the Northeastern | states, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. For info on the ECHO only, contact: *

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is the foremost club for scanner radio hobbyists in the northern Illinois area. CARMA was formed from the Chicago chapter of the Radio Communications Monitoring Association (RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays, most at area restaurants, | about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about 4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members often sell radio | equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various |

communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year | subscription is available by mailing a $15 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Some CARMA members participate on the CARMA computer | bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for 1995. All | meetings will be held on Saturdays at locations announced in advance.

February 18, 1995 - Westmont Police Dept. |
April 15
June 17
August 19
October 14
December 16

Bring a notebook and your appetite.

--

==========
Copyright 1994, Bob Parnass, AJ9S

7441. Re: Pro 43 mod help needed

Newsgroup: rec.radio.scanner
Date: 1994-12-28 02:51:32 UTC
From: dvoelker@leland.Stanford.EDU
Message-ID: <3dqjrk$77k@nntp.Stanford.EDU>
Source record: 263558

In article <1994Dec21.232211@hnrc.tufts.edu>,
Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
>In article <42898@dog.ee.lbl.gov>, mattho@goanna.lbl.gov (Matt Ho) writes:
>>
>> BTW, how can I tell whether my scanner is modifiable or not?
>
>A in serial number = no
>no A in serial number = yes

Could someone else please confirm or refute this in the case of
Pro-43's? I know for a fact that it is _not_ true of Pro-39's, having
modified one with an "A" in the SN. I thought the relevant info was the
date as reflected by the digits before and after the "A" (e.g., 3A4 =
March 1994), not the presence or absence of an "A."

--
=-=-=-

7442. Federal Freq List

Newsgroup: rec.radio.scanner
Date: 1994-12-28 03:02:32 UTC
From: ecaceres@netaxis.com
Message-ID: <3dqkg8$i9d@eliza.netaxis.com>
Source record: 263548

Anyone know where to get the "Federal...." something list collected by a
Mr. Harris (as mentioned in Monitoring Times recently)?
TIA
Ed C.

7443. Re: news radio 1010am wins trafic cam

Newsgroup: rec.radio.scanner
Date: 1994-12-28 03:27:05 UTC
From: gazerz@aol.com
Message-ID: <3dqlu9$50o@newsbf02.news.aol.com>
Source record: 263561
Body handling: HTML body converted to readable text

[No readable article body recovered]

7444. Re: Expanded 46/49Mhz Cordless Freqs???

Newsgroup: rec.radio.scanner
Date: 1994-12-28 04:10:26 UTC
From: tharrell@nmsu.edu
Message-ID: <3dqofi$2ra@dns1.NMSU.Edu>
Source record: 263549
Cross-posted to: alt.radio.scanner,rec.radio.scanner

J. D. Hubbard (dhubba@access1.digex.net) wrote:
: Several months ago I read in Popular Communications that the FCC was
: considering the addition of 15 handset/base frequency pairs for use
: in cordless telephones. These frequencies would be near the current
: 46/49 pairs (i.e. analog). Does anyone have any further info on this?

Sure. Here are the proposed frequencies (from the March/April '94
issue of _National_Scanning_Report_ - 14 pairs listed).

Base Handset
43.72 48.76
43.74 48.84
43.82 48.86
43.84 48.92
43.92 49.02
43.96 49.08
44.12 49.10
44.18 49.20
44.20 49.24
44.32 49.28
44.36 49.36
44.40 49.40
44.46 49.46
44.48 49.50
--
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5KTO Beware of geeks bearing .gifs... |
| The Second Amendment is the '...and we're not kidding!' clause |

7445. I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-12-28 06:19:50 UTC
From: jason.al-shawy@ectech.com
Message-ID: <9412272316351989@ectech.com>
Source record: 263567

The other night I was listening to an undisclosed Freq & heard a lady talk about the style of hair she shaves her ahahah you know. Pure ENTERTAINMENT. FREE ENTERTAINMENT :)

7446. Freq.'s

Newsgroup: rec.radio.scanner
Date: 1994-12-28 06:39:48 UTC
From: wolfman@industry.org
Message-ID: <2107QGENGODUKYOFOB@industry.org>
Source record: 263566

Well first of all i'm new to this base..ok...

Down to business...Im looking for scanner freq's for the South Eastern Michingan...Macomb county to be more specific..Police, Ambulance, and Fire Dept's.....Also i would like to know a good scanner to buy in bouts the $200 to $300 range...

Wolfman@industry.org

--
Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines

7447. For Sale: Icom RC-12 remote control $60

Newsgroup: rec.radio.scanner
Date: 1994-12-28 06:40:50 UTC
From: w6go@netcom.com
Message-ID: <w6goD1ID82.I7x@netcom.com>
Source record: 263551

New, never used Icom RC-12 remote control for IC-R7000 receiver.

For sale: $60 includes shipping in USA.

Jay O'Brien
w6go@netcom.com

--
w6go@netcom.com

7448. WTB AOR 8000

Newsgroup: rec.radio.scanner
Date: 1994-12-28 07:29:01 UTC
From: rsharp@paul.spu.edu
Message-ID: <3dr43t$it1@adam.spu.edu>
Source record: 263553

Lokking for a fully working, used unit.

7449. Re: deceptive advertising from radio shack

Newsgroup: rec.radio.scanner
Date: 1994-12-28 07:39:03 UTC
From: achern@jupiter.avl.umd.edu
Message-ID: <3dr4mn$94q@umd5.umd.edu>
Source record: 263554

Jason Low (Jason.Low@revenge.cambo.cuug.ab.ca) wrote:

: **WHY**?? Because it's illegal? My Goddess, get a LIFE! Maybe the rest of the
: world is different from the areas I've visited, but listening to telephone
: calls is on par, excitement-wise, with tuning into a non-existant TV channel
: and watching snow. THERE'S NOTHING THERE!! If you listened to me, what you'd
: get is "Hi, I'm on my way home. Sure, go ahead.. cigarettes, milk, and a
: paper, okay, I'll pick them up on the way out." or "Hey, when you come out
: to meet me, don't forget to bring my charger with you, please" or something
: like that. Same
: goes for McDriveThrus around here. AND cordless phones. If you're REAL lucky
: you can catch someone on a cell or a cordless phone calling Pizza Hut to get a
: pair of large pizzas with pepperoni and ham delivered!! Wow, I bet that'd make
: your day!!

Jason, I agree about cell-phone conversations; people generally try to keep
them short. I don't quite understand why people go to such lengths to purchase
and modify a pre-regulation scanner to receive cell-phone freqs.

Portable phones, on the other hand, are quite different. I've over-heard many
interesting conversations. But hey, whatever floats your boat. Quite frankly,
though, the portable-phone conversations I've overheard have _hardly_ been
limited to those which you describe above.

-Alex.

7450. Re: deceptive advertising from radio shack

Newsgroup: rec.radio.scanner
Date: 1994-12-28 08:32:25 UTC
From: ggravier@dagobah.France.Sun.COM
Message-ID: <3dr7qp$396@uk-usenet.uk.sun.com>
Source record: 263555

In article 94q@umd5.umd.edu, achern@jupiter.avl.umd.edu (Alex Chernyakov) writes:
> Jason Low (Jason.Low@revenge.cambo.cuug.ab.ca) wrote:
>
> : **WHY**?? Because it's illegal? My Goddess, get a LIFE! Maybe the rest of the
> : world is different from the areas I've visited, but listening to telephone

{...}

> : pair of large pizzas with pepperoni and ham delivered!! Wow, I bet that'd make
> : your day!!
>
> Jason, I agree about cell-phone conversations; people generally try to keep
> them short. I don't quite understand why people go to such lengths to purchase
> and modify a pre-regulation scanner to receive cell-phone freqs.
>
> Portable phones, on the other hand, are quite different. I've over-heard many
> interesting conversations. But hey, whatever floats your boat. Quite frankly,
> though, the portable-phone conversations I've overheard have _hardly_ been
> limited to those which you describe above.

Well, you sure haven't listened to cellular phones after a long week-end, or after a holiday... or just after a business day when mister calls missis to say he has a business dinner, and then, after hang up, he calls mistress and says "OK for tonight babe"... or something. Now with digital cellular phones, this IS getting harder, but people just don't seem to understand that cellular phones are NOT secure at all...

Now, here in France, cordless phones are on 26-27 MHz, which makes listening them very easy with a CB radio that you can buy anywhere. It's all FM transmission so you just need a 120 channel AM/FM CB radio to listen in. That stupid of our government not to allow 49 MHz cordless phones (much less 900MHz!)... Especially as half of the scanners you'll find only go down to 68MHz. but then, who said governments had to have brains?

Cheers,
Gilles.

By the way, on a remotely related matter, does anyone know what type en encoding is used on AT&T 9120 (900MHz) cordless phone?

Thanks!

----------=<(Gilles.Gravier@France.Sun.com)>=----------
cout >> DisclaimerMessage // My company doesn't necessarily think what I write!

7451. Re: Freq.'s

Newsgroup: rec.radio.scanner
Date: 1994-12-28 10:05:29 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3drd99$qi9@nntp.crl.com>
Source record: 263556

>
> Well first of all i'm new to this base..ok...
>
> Down to business...Im looking for scanner freq's for the South Eastern
> Michingan...Macomb county to be more specific..Police, Ambulance, and
> Fire Dept's.....Also i would like to know a good scanner to buy in bouts
> the $200 to $300 range...
>
> Wolfman@industry.org
>
>
> --
> Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines
>
>
+--
�Frequency RS Code Licensee Name �
�--�
�00000460.08750000 PP MACOMB, COUNTY OF
�00000460.15000000 PP MACOMB, COUNTY OF
�00000460.15000000 PP MACOMB, COUNTY OF
�00000460.20000000 PP STERLING HEIGHTS, CITY OF
�00000460.25000000 PP MACOMB, COUNTY OF
�00000460.25000000 PP MACOMB, COUNTY OF
�00000460.25000000 PP MACOMB, COUNTY OF
�00000460.30000000 PP SAINT CLAIR SHORES, CITY OF
�00000460.32500000 PP CLINTON, TOWNSHIP OF
�00000460.37500000 PP FRASER, CITY OF
�00000460.37500000 PP CLINTON, TOWNSHIP OF
�00000460.40000000 PP MACOMB, COUNTY OF
�00000460.40000000 PP MACOMB, COUNTY OF
�00000460.40000000 PP MACOMB, COUNTY OF
�00000460.40000000 PP MACOMB, COUNTY OF
�00000460.42500000 PP CHESTERFIELD, TOWNSHIP OF
�00000460.47500000 PP STERLING HEIGHTS, CITY OF
�00000460.50000000 PP ROSEVILLE, CITY OF
�00000460.50000000 PP ROSEVILLE, CITY OF

7452. Re: Freq.'s

Newsgroup: rec.radio.scanner
Date: 1994-12-28 10:17:23 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3drdvj$r7q@nntp.crl.com>
Source record: 263568

+---

Frequency RS Code Licensee Name

00000037.26000000 PL NEW BALTIMORE, CITY OF

00000042.48000000 PP MICHIGAN, STATE OF

00000042.58000000 PP MICHIGAN, STATE OF

00000049.04000000 IP MICHIGAN GAS STORAGE

00000049.08000000 IP MICHIGAN GAS STORAGE

00000151.77500000 IB REFUSE EQUIPMENT SERVICE INC

00000154.13000000 PF NEW BALTIMORE, CITY OF

00000154.54000000 IB AMERICAN ALERTING SYSTEMS

00000154.54000000 IB AMERICAN ALERTING SYSTEMS

00000154.54000000 IB AMERICAN ALERTING SYSTEMS

00000155.23500000 PS ANCHOR BAY SCHOOL DISTRICT

00000155.23500000 PS ANCHOR BAY SCHOOL DISTRICT

00000454.02500000 CD RAM/BSE PAGING COMPANY, L.P.

00000454.17500000 CD RAM/BSE PAGING COMPANY, L.P.

00000461.10000000 IB KLONOWSKI BROTHERS FARM

00000465.15000000 PP NEW BALTIMORE, CITY OF

00000465.25000000 PP NEW BALTIMORE, CITY OF

00000835.02000000 CL DETROIT SMSA LIMITED PARTNERSHIP

00000880.02000000 CL DETROIT SMSA LIMITED PARTNERSHIP

7453. Re: Expanded 46/49Mhz Cordless Freqs???

Newsgroup: rec.radio.scanner
Date: 1994-12-28 13:36:33 UTC
From: wbloss@delphi.com
Message-ID: <pqxboIJ.wbloss@delphi.com>
Source record: 263560

Thomas J. Harrell <tharrell@nmsu.edu> writes:

>J. D. Hubbard (dhubba@access1.digex.net) wrote:
>: Several months ago I read in Popular Communications that the FCC was
>: considering the addition of 15 handset/base frequency pairs for use
>: in cordless telephones. These frequencies would be near the current
>: 46/49 pairs (i.e. analog). Does anyone have any further info on this?
>
>Sure. Here are the proposed frequencies (from the March/April '94
>issue of _National_Scanning_Report_ - 14 pairs listed).

For what it is worth...
the "pairs" are less than that, ie the proposal was to unconnect the
sets of two freqs so that any inout could be used with any output,
in the name of less interference. Sounds wierd to me, but that was the
proposal. I haven't seen any action on this in over a year!

Wally VBloss
WB0BAV
A Human

7454. Re: PRO-43 MOD FAQ???

Newsgroup: rec.radio.scanner
Date: 1994-12-28 14:04:55 UTC
From: mulligan@ACM.ORG
Message-ID: <3drra7$g2o@hopper.acm.org>
Source record: 263559
Cross-posted to: rec.radio.scanner,alt.radio.scanner

dbaker@tiger.lsu.edu (David B Baker) wrote:
> ... the date code on those units ...

Radio Shack items have a date code in the form 'mmAy', where 'mm' is the month and 'y' is the year (the 'A' stands for A & A Trading, Tandy's import arm). 6A4 indicates an import date of June 1994, after the April cellular cutoff.

Radio Shack radios have an FCC ID of the form AAOnnn-nnnn, where AAO is the FCC Grantee Code for A & A Trading and nnn-nnnn is normally the catalogue number of the item. PRO-43 scanners with an "A" at the end of the FCC ID (AAO20-300A) are not modifiable.

Unmodifiable PRO-43s also have an "A" preceding the serial number.

This posting was brought to you by the letter A.
/* barry /&

7455. Scanner Notification Nets - How to start???

Newsgroup: rec.radio.scanner
Date: 1994-12-28 14:25:04 UTC
From: rbellville@aol.com
Message-ID: <3drsg0$bba@newsbf01.news.aol.com>
Source record: 263577

I would like to start a scanner notification net or monitoring group in my area.

PROBLEM: I cannot generate any interest no matter how I try to promote it!

Here's the scenario...

I love to listen to the scanner. I have one in every room in the house except the bathroom. (No place to plug it in. :-)) Sometimes, I do turn it off and that's when all the good stuff happens! I would like to start a group of other scanner enthusiasts that would like to communicate via radio (GMRS, commercial, ham, CB...) to notify the other members that some sort of hot action is happening on the airwaves.

I live about 45 miles west of Boston, MA. That city has MANY different groups that are organized, some professional media, firefighters, etc., some not. I am just out of their repeater range and they don't cover my area.

Now, I live in Worcester, the second largest city in Mass. (pop ~150K). I also have exclusive access to a beautiful hilltop over looking the city in which I could put my UHF repeater (either GMRS, commercial or 440mhz ham band). I can offer the repeater for zero $$$ so the cost of membership fees would be VERY low. I do not personally know any other scanner nuts in the area so I can't start even a small group to just get going.

I've tried putting flyers in the local library, posted messages on the local packet BBS as well as nearly all the area LL BBSs, tried Internet postings, Radio Shack won't place any flyers in their stores (company policy), a classified ad in a local newspaper, etc.

Did I miss anything? I know that scanners do sell well in the area as I have spoken to the Radio Shack folks about it. Is their some other ways of getting to the people that own scanners?

I'd like to hear from anyone who has started such a group or is involved in one. Any assistance/advice greatly appreciated!

Rob Bellville, N1NTE
PO Box 515
Millbury, MA 01527-0515

rbellville@aol.com

7456. Rail Road Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-28 15:26:09 UTC
From: dsh@admin.mport.com
Message-ID: <D1J1JM.2Lo@admin.mport.com>
Source record: 263562
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does anyone have RailRoad freqs they can post? Looking
especially for Southern Pacific, Union Pacific and Sante Fe

Thanks

Richard

--
=*=*=*

7457. RailRoad freqs

Newsgroup: rec.radio.scanner
Date: 1994-12-28 15:28:07 UTC
From: dsh@admin.mport.com
Message-ID: <D1J1Mv.2n7@admin.mport.com>
Source record: 263563

Anyone have railroad freqs they can post?

--
=*=*=*

7458. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-12-28 15:42:11 UTC
From: brueger@infi.net
Message-ID: <JTO0laeir8l6075yn@infi.net>
Source record: 263624

In article <D1KAH4.CH0@swcp.com>, John Maio <jmaio@swcp.com> wrote:

> How can we rationalize fighting for second amendment rights when
> we trash the right to privacy? What's the difference between a
> law abiding gun owner shooting someone because he'd "bored" and
> using a scanner to invade someone's privacy? There's a discrepancy
> here.

How can you say that listening in on someone cordless phone
conversation as an invasion of privacy? When someone uses a radio
with encryption to communicate over the public airways, that someone
looses all expectation of privacy. This has been ruled on by the
Supreme Court.

Cheers

Brian
--

Brian Rueger Hampton Division of Fire & Rescue "Who dare wins"
Medic/Firefighter Squad-7 (Advanced Life Support) Soon to be - NREMT-P
B.S.-C.J. SEL/Comm/IP We can't save 'em all...but we can save some of them."
MSgt, USAF (Retired), 49199, AFCC, USAFSSO, ESD, TACSSO, Thailand, P.I.,Munich
---
When shooting Mimes... do I use a silencer?

7459. Re: PRO-43 or AOR1500/8000...

Newsgroup: rec.radio.scanner
Date: 1994-12-28 15:59:38 UTC
From: paul@termcon.demon.co.uk
Message-ID: <788630378snz@termcon.demon.co.uk>
Source record: 263586

In article <HEMSTREE.94Dec23231538@handel.cs.colostate.edu>
hemstree@handel.cs.colostate.edu "charles he hemstreet" writes:

>
> I have a PRO-43 that I recently got for graduation. I have checked
> this group out and it seems that there are other scanners to be had.
> I hear the AOR1500/8000 are great scanners. Could anyone help me with
> this decision?

Hi Charles,

I have been using both the AR3000-A and the AR8000 for quite
a while now. Both are excellent radios (I think so anyway).

Obviously if you are going to be using the scanner out and
about then the handheld AR8000 is much better. If your going to
be using it in the car or home then go for the 3000-A, I know it
costs nearly double. But believe me it's worth it....

The freq coverage on the radio's is vast, 150Khz to 2036Mhz
(that might be restricted in your country), and in all modes.

all the best for '95
--
Paul Jones Paul@Termcon.Demon.Co.Uk

Birmingham, England.

7460. Pro-23 for sale

Newsgroup: rec.radio.scanner
Date: 1994-12-28 16:03:06 UTC
From: chuck609@aol.com
Message-ID: <3ds27q$8sg@newsbf02.news.aol.com>
Source record: 263581

Realistic Pro-23, sold by Radio Shack. Like new condition, rarely used. This
model just came out over the summer, and has already been removed from the
shelves to be replaced with units that are not 896-698 MHz restorable. So I
guess this one's a collectable?

50 programmable channels + built-in NOAA weather frequencies plus 10
additional temporary storage channels. Frequency coverage: 108 - 174 MHz, 406
- 512 MHz, 806-823 MHz, 851 - 869 MHz, 869 - 896 MHz (restorable), 896 - 956
MHz.

Scans 12 channels per second. Light weight and ergonmically well designed.
Includes transferrable 5-year service plan (repair or replace) good at any
Radio Shack store. Will throw-in suction-cup car-window antenna adapter. The
unit has Ni-Cads loaded, which can be charged in the unit with a standard 9
volt AC adapter.

Includes original box and manual. Asking $135 (plus shipping). Prepaid via
money order or COD ok.

chuck609@aol.com (Chuck Segal)

7461. Used AOR8000

Newsgroup: rec.radio.scanner
Date: 1994-12-28 16:19:46 UTC
From: opp@netcom.com
Message-ID: <oppD1J40y.5F0@netcom.com>
Source record: 263564

Iam looking for used or demo AOR 8000. I understanbd that a number of people are returning them to dealers or trying to sell them because they find them difficult to program, not up to quality standard, etc. If anyone has decided, for whatever reason, to sell theirs' please e-mail. Please, serious responses only. Thanks in advance.
--
opp@netcom.com

7462. AR3000-A

Newsgroup: rec.radio.scanner
Date: 1994-12-28 16:22:07 UTC
From: paul@termcon.demon.co.uk
Message-ID: <788631727snz@termcon.demon.co.uk>
Source record: 263570

Software control of the AOR AR3000A by PC

Does anybody know of any good software for the control
of this excellent radio.

AOR in the U.K. do offer some control software for the pc
but it's a bit overpriced....

Any ideas gratefully received.

--
Paul Jones Paul@Termcon.Demon.Co.Uk
Birmingham, England.

7463. Re: PRO-43 MOD FAQ???

Newsgroup: rec.radio.scanner
Date: 1994-12-28 16:49:10 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3ds4u6$rip@tiger1.ocs.lsu.edu>
Source record: 263565
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Thanks Barry! That's the info I was looking for...

Can you clarify one last thing though, if the cutoff was april
are 4A4 date codes modifiable? Meaning, did they stop on April 1
or April 30 ?

Thanks again,
Dave

7464. Re: HELP - BC200XLT Dead, Uniden wants me to buy new battery

Newsgroup: rec.radio.scanner
Date: 1994-12-28 17:23:40 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9412281723.0OFPL04@chrysalis.org>
Source record: 263594

Why dont you try and find a powersupply that will run the scanner and make sure its the battery before you go buying a new one. all you have to do is hook up the power supply, BEING SURE TO OBSERVE POLARITY OF THE RADIO <+ AND ->, and turn it on and see if it works, if it does, you need a new battery, if not, your radio is on the blink. Of course you assume liability in case you screw up the hookup, not I :). 73 brian

7465. Re: Active USAF UHF Frequencys around USA-Canadian

Newsgroup: rec.radio.scanner
Date: 1994-12-28 17:41:48 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D1J7tp.60v@freenet.carleton.ca>
Source record: 263585

In a previous posting, David R Maxwell (dmaxwell@hookup.net) writes:
> Very interested in monitoring USAF activity in there Canada USA border in
> the UHF band.Anyone got any hot freqs for refuelling etc
>
You didn't say what part of Canada/USA you wanted. IT'S A BIG BORDER!!!
But anyway here is the frequencies I have that work in Ottawa, covers
Northern NY, VT etc... NOTE: quite a few freqs listed are blank, a/c may
have been monitored, but not enough info transmitted to confirm type etc.
best situation is when you get a pirep. Dogfight (TOPGUN type) activity
is fairly common over Northern VT with the F-16's of the 134 FS VT ANG
plus lots of tanker traffic as there is a tanker track near there as well

GRIFFISS AFB AREA FREQUENCIES

133.25 Boston Ctr (Lo) 279.5
135.075 Bos Ctr (Hi) 232.4
284.7 Griffiss ATIS 372.2 Pilot-Dispatcher
118.5 Griffiss Appr (East) 269.5
126.65 Appr (West) 353.6
311.0 Cmnd Pst 321.0 Cmnd Pst
126.65 Tower 289.6
236.6 121.8 Ground
275.8 395.0 Dep
344.6 Metro 228.2 AMC aircraft

MILITARY AERO

228.9 NORAD ME QUE 251.0
256.6 263.6
270.4 274.4
228.6 NORAD ONTARIO 235.9
239.1 239.7
254.4 258.8
261.4 271.0
276.0 278.2
282.6 284.8
288.4 292.4
293.8 309.5 HUNTRESS
318.4 AWACS 328.0
327.6 324.6
282.4 228.7
273.8 ACC SAC FEMA 342.2 ACC (SAC)
321.2 375.7
348.7 Bos Lake George 282.2 Bos Mt Mans
321.3 Bos Turin 323.0

377.1 Bos Massena 360.8 Burl App
283.8 NORAD BoatSail 303.0 NORAD VT ANG
258.8 NORAD 309.5
233.6 318.4 AWACS
251.8 AWACS 303.9
364.2 NORAD Disp 239.8 PBG Metro
372.2 PBG PTD 311.0 Adirondack
321.0 RAYMOND 42 276.5 AR
138.525 Maple Ops 261.8
293.7 255.4 FSS
235.1 A-A (unconf) 282.4 AR (unconf)
324.6 AR 295.8
283.9 318.0 AR (unconf)
238.9 260.2
289.7 293.0
295.4 319.5
319.7 320.9
343.5 348.9

--
Darrell A. Larose | ad607@freenet.carleton.ca
..I want to die peacefully in my sleep like my Grandfather...
...Not screaming in terror like his passengers...
--

7466. Any Mods For a Regency MX3000?

Newsgroup: rec.radio.scanner
Date: 1994-12-28 18:36:33 UTC
From: larry@agora.rdrop.com
Message-ID: <D1JACy.DBw@agora.rdrop.com>
Source record: 263576

```
--
Larry Holler
larry@agora.rain.com
```

7467. 800 lock out

Newsgroup: rec.radio.scanner
Date: 1994-12-28 19:18:10 UTC
From: uport@netcom.com
Message-ID: <uportD1JCAA.GGA@netcom.com>
Source record: 263571

Do the new scanners have the 800MHz lockout in firmware. If it is in an EEPROM, has anyone tried to dump the contents and reprogram it? Or do they use custom chips?

Richard

7468. Pro 44

Newsgroup: rec.radio.scanner
Date: 1994-12-28 19:23:41 UTC
From: uport@netcom.com
Message-ID: <uportD1JCJK.HF9@netcom.com>
Source record: 263573
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Are there any know mods for the RS Pro 44 ?

I never hear anything about this scanner. Is it still made? When was it made?

7469. Re: Anyone decoding alphanumeric pagers ;-)

Newsgroup: rec.radio.scanner
Date: 1994-12-28 19:35:32 UTC
From: jsoft@MCS.COM
Message-ID: <3dsem4$r6i@Mercury.mcs.com>
Source record: 263569

We are in a final test mode of software which decodes pocsag (most) pager traffic. The only hardware required is a +-12 volt hamcom interface board. Of course, you must tap off of the FM discriminator output for a nice square wave input to the hamcom board. We will sell this to the pager test equipment market for $275.00 after our beta test...

--Joe Jesson, JSoft Technologies

7470. Re: Need modifiable Pro-43 or Icom R-1

Newsgroup: rec.radio.scanner
Date: 1994-12-28 19:47:01 UTC
From: cww@zycor.lgc.com
Message-ID: <D1JDMD.73G@lgc.com>
Source record: 263587

>...but before you worry about that I suggest you
>listen to those frequencies for a while. I got over that interest
>in about 20 minutes.

Too bad it's illegal because sheer boredom beats the hell out of any
legislation in stopping people from listening in on private conversations.
Making it illegal almost makes it attractive when the intent was dissuade
people from doing such things as "conversions" or "tuning in" to these
frequencies.

--
Chris Walker
cwalker@zycor.lgc.com

7471. Bearcat 200xlt

Newsgroup: rec.radio.scanner
Date: 1994-12-28 19:50:12 UTC
From: rsharp@paul.spu.edu
Message-ID: <3dsfhk$osd@adam.spu.edu>
Source record: 263572

Selling my Bearcat 200xlt, carrying case, battery pack, recharger, modifications already done. Works perfectly, very new and clean looking.

Asking $175, trade OBO.

7472. WTB Frequency Counter Accessories

Newsgroup: rec.radio.scanner
Date: 1994-12-28 19:55:25 UTC
From: rsharp@paul.spu.edu
Message-ID: <3dsfrd$osd@adam.spu.edu>
Source record: 263574

Looking for Optoelectronics (or equal/better quality) accessories for my frequency counter:

CC33 protective carry case.
APS104 - Active Preselector. 4mHz tunable band pass filter.
CF802 - Cellular Band Pass Filter/Amplifier
N100 - FM Broadcast Notch Filter.
BHP800 - Minicircuits high pass filter to increase sensitivity greater than 800mHz.

Thanks.

7473. WTB AOR 8000

Newsgroup: rec.radio.scanner
Date: 1994-12-28 19:56:07 UTC
From: rsharp@paul.spu.edu
Message-ID: <3dsfsn$osd@adam.spu.edu>
Source record: 263575

Looking for a good condition, perfectly funtioning unit.

7474. Re: WTB AOR 8000

Newsgroup: rec.radio.scanner
Date: 1994-12-28 20:43:31 UTC
From: opp@netcom.com
Message-ID: <oppD1JG8J.4MK@netcom.com>
Source record: 263579

: I too would like to hear from someone selling a used or demo AOR 8000.
Ron (rsharp@paul.spu.edu) wrote:
: Lokking for a fully working, used unit.
--
opp@netcom.com

7475. Re: Pro 43 mod help needed

Newsgroup: rec.radio.scanner
Date: 1994-12-28 22:07:50 UTC
From: gdallal@world.std.com
Message-ID: <D1JK52.48B@world.std.com>
Source record: 263580

David Voelker (dvoelker@leland.Stanford.EDU) wrote:
: In article <1994Dec21.232211@hnrc.tufts.edu>,
: Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
: >In article <42898@dog.ee.lbl.gov>, mattho@goanna.lbl.gov (Matt Ho) writes:
: >>
: >> BTW, how can I tell whether my scanner is modifiable or not?
^^^^^^^^^^ the subject line
specified a PRO-43
: >
: >A in serial number = no
: >no A in serial number = yes

: Could someone else please confirm or refute this in the case of
: Pro-43's? I know for a fact that it is _not_ true of Pro-39's, having
: modified one with an "A" in the SN.

I know you don't believe me, but believe me. It's true. No one has
reported modifying a 43 with an A in the serial number; no one has
reported being unsuccessful modifying a unit without the A in the S/N.
A 39 is not a 43.

7476. Re: deceptive advertising from radio shack

Newsgroup: rec.radio.scanner
Date: 1994-12-28 22:13:39 UTC
From: gdallal@world.std.com
Message-ID: <D1JKEr.640@world.std.com>
Source record: 263582

Alex Chernyakov (achern@jupiter.avl.umd.edu) wrote:
: Jason Low (Jason.Low@revenge.cambo.cuug.ab.ca) wrote:

: : **WHY**?? Because it's illegal? My Goddess, get a LIFE! Maybe the rest of the
: : world is different from the areas I've visited, but listening to telephone
: : calls is on par, excitement-wise, with tuning into a non-existant TV channel
: : and watching snow. THERE'S NOTHING THERE!! If you listened to me, what you'd

: Jason, I agree about cell-phone conversations; people generally try to keep
: them short. I don't quite understand why people go to such lengths to purchase
: and modify a pre-regulation scanner to receive cell-phone freqs.

What does television do but entice you to be a voyeur of fictitious
events. At least cell-phone conversations are real. (I'm not
suggesting that anyone listen. It's illegal, after all. I'm just
suggesting that in a certain way it makes more sense that watching tv.)

7477. Re: Anyone decoding alphanumeric pagers ;-)

Newsgroup: rec.radio.scanner
Date: 1994-12-28 22:29:00 UTC
From: paul.britton@satcom.mhs.oz.au
Message-ID: <332.358.120@satcom.mhs.oz.au>
Source record: 263578

Hi Chris

I too would be interested in the parallel to serial convertor for the M-400. I have tried a few printer redirecting TSR's but have had not luck yet. I also have the rome revision v1.02, although a friend of mine in Australia has recently purchased one form the US with the v2.00 rom. This apparently allows him to decode the 2400 baud or high speed paging. Let me know if you have any luck with the software..

Paul

Internet: paul.britton@satcom.mhs.oz.au (Paul Britton)
Fidonet : 3:714/905
Satcom Australia Space, Satellite & Radio BBS
Sydney Australia 612-9050849 28.8k
612-9057694 28.8k

7478. 2023 Mods

Newsgroup: rec.radio.scanner
Date: 1994-12-28 22:54:21 UTC
From: tfisher@boi.hp.com
Message-ID: <D1JMAM.BEF@boi.hp.com>
Source record: 263589

am also interested in any PRO 2032 Mods. Please E-Mail here.

thanks
-tim

7479. 240-300 MHz MilSat Antenna..ideas?

Newsgroup: rec.radio.scanner
Date: 1994-12-28 23:14:27 UTC
From: daryll1@aol.com
Message-ID: <3dsrgj$b11@newsbf02.news.aol.com>
Source record: 263583

Anybody know where I could purchase a decent antenna for the 240-300 MHz military satellites? This crummy discone just doesn't get it. How about making one from a VHF TV antenna? If the elements were trimmed to the correct length and the thing was aimed right, think it would work? OK, so the TV antennas are linear and the MilSats are circularly polarized (mostly), but with a decent preamp maybe it'll work. Anybody have any experience with this?
Thanks.....Daryll

7480. Re: AR3000-A

Newsgroup: rec.radio.scanner
Date: 1994-12-28 23:23:26 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3dss1e$i56@nntp.crl.com>
Source record: 263584

>
> Software control of the AOR AR3000A by PC

> Paul Jones Paul@Termcon.Demon.Co.Uk
> Birmingham, England.

I tried to contact you email but net server says
address is bogus.

Could you email me some of the information about the
programing instructions to the ar30000? How do they
compare to the ones used in the Ar8000?

Victor Healey (ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

7481. Re: Rail Road Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-28 23:28:18 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3dssai$i56@nntp.crl.com>
Source record: 263591
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> Does anyone have RailRoad freqs they can post? Looking
> especially for Southern Pacific, Union Pacific and Sante Fe
Yup but I need to know the city for which you ask and the 2
letter state abreviation.

Victor Healey (ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

7482. FirePage California

Newsgroup: rec.radio.scanner
Date: 1994-12-28 23:32:39 UTC
From: mpage@netcom.com
Message-ID: <mpageD1Jo2F.BA5@netcom.com>
Source record: 263592

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FirePage (Fire Notification System)
(310) 838-1436 CIS:71674,1610 Internet: mpage@netcom.com

Instant notification of all working fires throughout California. Now includes Los Angeles, Orange, Riverside, San Bernardino, San Diego, Ventura, Santa Barbara, Santa Clara, San Francisco & Contra Costa Counties.

Notification of major incidents from our affiliates in Atlanta, Boston, Chicago, Denver, Detroit, Florida, Hartford, New Jersey, New York, Phoenix, Twin Cities, Virginia and Washington DC.

FirePage is run by our volunteer dispatchers who monitor the fire frequencies in their areas and dispatch the information to the entire network. They are able to listen to much more than any individuals and share the information with everyone.

* Alpha-Numeric messages
* Includes personal pages
* 24 hrs a day, EVERY day

* Volunteer dispatchers are always needed throughout California

If you are interested in fire related incidents and want to know what's happening throughout California and the rest of the country (before the national wire services), let's hear from you.

Contact Tom Kravitz (310) 838-1436
CIS: 71674,1610
Internet: mpage@netcom.com

--
==========
Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
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Internet: mpage@netcom.com Breaking Stories to the
CIS: 71674,1610 News Media since 1978
==========

7483. Help on first scanner !!

Newsgroup: rec.radio.scanner
Date: 1994-12-28 23:33:12 UTC
From: stewarrh@ttown.apci.com
Message-ID: <3dssjo$hl@ttown.apci.com>
Source record: 263598

I'm lloking to by a first scanner and I don't even know where
to start. I just bought QST and I'm looking for other research materials
on scanners. Is there a FAQ on scanners ? Also, does anyone have any
suggestions on what type of scanner a Newbee should buy ? I do want the
ablilty to scan cell phone frequencies.

-Chuck

stewarrh@ttown.apci.com

7484. Re: SCANNING ON PASSENGER (vs smoking)

Newsgroup: rec.radio.scanner
Date: 1994-12-29 01:34:51 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3dt3nr$roo@hal9000.apana.org.au>
Source record: 263608

: Hey guess what, Delta Airlines will not permit smoking on
: ANY of it flights starting next week.They claim to be the only airline
: in the world to make that move.

: Since I don't smoke and my wife can't stand to be around those that
: do, we will start using delta exclusively even if they cost more.
: Do they permit radios to be used in flight?

In Australia (where I am) smoking is banned on all domestic flights. This is enforced by the major domestic airlines including smoke detectors fitted in the toilets.

Scanners are NOT allowed either.

In an inflight book that I have of an Australian domestic airline it says:

ELECTRONIC DEVICES

Handheld video cameras, portable palmtop/laptop computers, compact disc players, cassette players, personal organisers or personal video games CAN BE OPERATED, but only while the aircraft is in cruise.

The following CANNOT BE USED AT ANY TIME onboard an aircraft: radio receiver or trasnmitter, commercial video camera, video recorder, tv receiver, large tape recorder or mobile telephone.

SMOKING

Government regulations prohibit smoking on all Australian Domestic flights.

So this is what happens with smoking and scanning in aircraft down under!

Cheers and Happy flying....

7485. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-12-29 01:35:43 UTC
From: tharrell@nmsu.edu
Message-ID: <3dt3pf$nck@dns1.NMSU.Edu>
Source record: 263600

Jason Al-shawy (jason.al-shawy@ectech.com) wrote:
: The other night I was listening to an undisclosed Freq & heard a lady
: talk about the style of hair she shaves her ahahah you know. Pure
: ENTERTAINMENT. FREE ENTERTAINMENT :)

Three months back, in the on-campus student apartments, I was listening to a cordless phone and heard a female start, ummm, "respecting" herself much to the delight of her girlfriend. We were able to figure out which apartment the phone was in, too. Hell, we were bored!

--
| T.J. Harrell III For more info, finger weasel@acca.nmsu.edu |
| NRA KC5KTO Beware of geeks bearing .gifs... |
| The Second Amendment is the '...and we're not kidding!' clause |

7486. AOR 1000 SCANNER QUERY

Newsgroup: rec.radio.scanner
Date: 1994-12-29 01:40:32 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3dt42g$rp3@hal9000.apana.org.au>
Source record: 263610

Can someone tell me from EXPERIENCE how long the memory lasts in the AOR 1000xlt scanner without batteries fitted?

I want to remove batteries for about 6-8 hours whilst travelling on an aircraft. Will I lose all my frequencies?

Im using 4 AA 600mh batteries now.

Thanks Matthew
matthew@hal9000.apana.org.au

PS I might point out that my Realistic PRo 2028 says 2-3 days wihout power but mine lasted over 9 days. Also Realistic PRO 35 (same as BC 100xlt) says 1 hour and mine lasted at least 6 hours.

7487. Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1994-12-29 01:44:17 UTC
From: gino@gypsy.fsl.wvnet.edu
Message-ID: <9412290139.AA20893@gypsy.fsl.wvnet.edu>
Source record: 263599

I just got a RS- Pro-50 scanner for X-mas[D[D[D[D[C[C[C[C[C[D. I discovered that I can pick up my cordless phone. How far away can sokmeone who has a scanner pick up my phone? If they have an outside antenae nae how much farther waway can they be? My phone operaterss from 46.6-46.7.0 and 49.6-50.0. Is this the normal range for cordless phones? I never realized that a scanner could get receive cordless phone transmissions. I never thought of myself as naive, I guess I will have to think again.

thank yo u, drive thriughoghugh.
gino@gypsy.fsl.wvnet.edu

7488. Re: AR3000-A

Newsgroup: rec.radio.scanner
Date: 1994-12-29 02:08:37 UTC
From: wolfie@telerama.lm.com
Message-ID: <3dt5n5$352@asia.lm.com>
Source record: 263602

Paul Jones (paul@termcon.demon.co.uk) wrote:

> Software control of the AOR AR3000A by PC

> +++ SNIP ++++
> --
> Paul Jones Paul@Termcon.Demon.Co.Uk
> Birmingham, England.

I e-mailed you some information, but the e-postman returned it to e-me
and stated that your e-address was unknown...
--
____
/ If you're not confused, then you're not thinking clearly... /
/ whazzt??? could it be??? this be from Wolfman! -Pittsburgh PA /
/_____________ wolfie@telerama.lm.com _____________________/

7489. Re: FirePage California

Newsgroup: rec.radio.scanner
Date: 1994-12-29 02:31:32 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3dt724$8sd@umcc.umcc.umich.edu>
Source record: 263603

And if you live in Southeastern Michigan you can get the same type of service from The Fire Notification Network of Michigan. We offer National coverage as well as local coverage of S.E. lower Michigan. We use Alpha-Numeric pagers by Motorola which have a message length of 240 characters. We can be reached at (810)772-4423 ask for Garry. Or call (810)813-8603 and leave voice mail or send E-mail to my address here on the net. Join one of the many Fire nets across the country and enjoy up to the minute breaking news.....Les

Fire Notification Network of Michigan....lbutler@umcc.umich.edu

7490. Bearcat SC150

Newsgroup: rec.radio.scanner
Date: 1994-12-29 02:51:26 UTC
From: mrt@xmission.com
Message-ID: <3dt87e$1md@xmission.xmission.com>
Source record: 263604

Hello!

I just bought a Uniden Bearcat SC150... So far scanning has been a blast! Can't say that I have heard some chick talking about shaving her B#$ve but oh well, I just bought it... Anyways, I was wondering what I am missing since this scanner does not scan between 175 and 405... Also, what mods are out there for this unit.. Thanks for any nfo!

7491. Re: FREE HAM NEWSLETTER

Newsgroup: rec.radio.scanner
Date: 1994-12-29 04:21:53 UTC
From: bob@raddev.com
Message-ID: <3dtdh2$dj7@remus.ultranet.com>
Source record: 263588
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur

In article <3dt4vu$reb@grape.epix.net>, AMSOFT@EPIX.NET says:
>
>
>Includes FCC CALLSIGN callbook with US & Foeriegn listings current to
>12/94, and AMCALL the new logbook from AmSoft that will auto log from

> Pete, KC3TL
Pete,

Which foreign countries are included on your CDROM?

Bob

==========
Radio Devices email for complete cdrom catalog
32 Queens View Road QRZ! $14.95, Buckmaster $42.95
Marlboro, MA 01752 Linux, OS/2, MAC, Windows, Unix
(508)480-0502 KD1GG Ramsey Kits, Antennas West (Ham)
==========

7492. FREE HAM NEWSLETTER

Newsgroup: rec.radio.scanner
Date: 1994-12-29 04:33:00 UTC
From: AMSOFT@EPIX.NET
Message-ID: <3dt4vu$reb@grape.epix.net>
Source record: 263601
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

The Jan 95 "The World of Ham Radio" CD-ROM is now available from AmSoft.
This CD-ROM offers more ham programs than any of the others out there!
Over 20,000 IBM files for amateur radio are included on the CD-ROM.
Includes FCC CALLSIGN callbook with US & Foeriegn listings current to
12/94, and AMCALL the new logbook from AmSoft that will auto log from
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Over 700 Megabytes of Amateur Radio Software packed into 1 CD.

This CD-ROM is published every 4 months without delay in JAN MAY & SEP

If you would like to get a FREE newsletter about the January 1995 AmSoft
CD-ROM please leave me your E-mail information at: amsoft@epix.net

Pete, KC3TL

7493. Detroit PD Designators

Newsgroup: rec.radio.scanner
Date: 1994-12-29 06:42:44 UTC
From: dmaxwell@hookup.net
Message-ID: <dmaxwell.15.2F025A64@hookup.net>
Source record: 263593

Looking for freqs and a precise list of unit designators for Detroit PD>Can anyone tell me what a "R.I.C.O .unit is.

Appreciate anyones help.Thnx.

David R. Maxwell dmaxwell@hookup.net

7494. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-12-29 07:36:39 UTC
From: John Maio <jmaio@swcp.com>
Message-ID: <D1KAH4.CH0@swcp.com>
Source record: 263596

tharrell@nmsu.edu (Thomas J. Harrell) wrote:
>
> Jason Al-shawy (jason.al-shawy@ectech.com) wrote:
> : The other night I was listening to an undisclosed Freq & heard a lady
> : talk about the style of hair she shaves her ahahah you know. Pure
> : ENTERTAINMENT. FREE ENTERTAINMENT :)
>
> Three months back, in the on-campus student apartments, I was listening
> to a cordless phone and heard a female start, ummm, "respecting" herself
> much to the delight of her girlfriend. We were able to figure out which
> apartment the phone was in, too. Hell, we were bored!
>

How can we rationalize fighting for second amendment rights when
we trash the right to privacy? What's the difference between a
law abiding gun owner shooting someone because he'd "bored" and
using a scanner to invade someone's privacy? There's a discrepancy
here.

7495. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-12-29 08:10:21 UTC
From: hoagy@umich.edu
Message-ID: <3dtqtd$i6p@lastactionhero.rs.itd.umich.edu>
Source record: 263597

John Maio <jmaio@swcp.com> did contribute said ASCII:
>
>How can we rationalize fighting for second amendment rights when
>we trash the right to privacy? What's the difference between a
>law abiding gun owner shooting someone because he'd "bored" and
>using a scanner to invade someone's privacy? There's a discrepancy
>here.
>
By law, we can listen all we want. We just are not allowed
to reveal that conversation which we heard to anyone.

This means, in theory, that if we assembled 20,000 people in one
large stadium, and intercepted a very erotic phone call, they
could listen, hoot, holler, etc., but would not be allowed
whatsoever to talk about it to anyone. this means they could not
talk about it to the guy next to them.

In reality, it happens. People use this sort of thing to gain
an edge, or, as is the case with most of us, we're "bored".

So you listen in on your sister talking about sex with her boyfriend.
Or maybe pick up a drug deal. A cordless phone is not a phone ;
it's a radio. The base unit is a phone. The rest is a hand-held
7-meter radio. Radio waves are radio waves. You can pick them up
just like a police frequency. You can argue the semantics involved,
but it's nothing more than a radio wave you're picking up.

Now, if you go out and deliberately tap someone's phone line, yes,
you are really invading privacy. Just because Aunt Mary doesn't
understand radio waves and doesn't know her cordless phone can
be heard by scanner enthusiasts doesn't mean she's right to scream
"Invasion of privacy!" A radio transmission *intended* to be private
is *not* private - it *can* be picked up by others who know how, and
who might be listening.

Oh, gee, the day I hear the governments of the world accuse each other
of invasion of privacy for intercepting intelligence radio reports
will be the day mass laughter erupts from the countries.

--
....
Matt Rupert - 4540 Westbrook Drive - Jackson, MI 49203 - (517) 750-2367
University of Michigan Envirionmental Services - hoagy@umich.edu
"Which is worse - ignorance or apathy? Who knows? Who Cares?"

7496. Re: PRO-43 MOD FAQ???

Newsgroup: rec.radio.scanner
Date: 1994-12-29 12:06:32 UTC
From: mulligan@ACM.ORG
Message-ID: <3du8o8$ong@hopper.acm.org>
Source record: 263611
Cross-posted to: rec.radio.scanner,alt.radio.scanner

dbaker@tiger.lsu.edu (David B Baker) wrote:
> ... if the cutoff was april are 4A4 date codes modifiable?

The nominal cellular cutoff date was 26 April 94. Since the date sticker
on PRO-43s could have been applied before or after the actual import date,
it is not a precise determinant. Rely on the FCC-ID, which indicates under
which standard it was approved. Anyway, if a PRO-43 is still lying around
the store, there's no guarantee it's in the original box.
/* barry /&

7497. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-12-29 12:47:38 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Dec29.124738.28009@hpcvaac.cv.hp.com>
Source record: 263612

jmaio@swcp.com (John Maio) writes:
: >
: > Three months back, in the on-campus student apartments, I was listening
: > to a cordless phone and heard a female start, ummm, "respecting" herself
: > much to the delight of her girlfriend. We were able to figure out which
: > apartment the phone was in, too. Hell, we were bored!
:
: How can we rationalize fighting for second amendment rights when
: we trash the right to privacy? What's the difference between a
: law abiding gun owner shooting someone because he'd "bored" and
: using a scanner to invade someone's privacy? There's a discrepancy
: here.

Hardly. The person with the phone is broadcasting the conversation into MY house. If they want privacy, there are a couple of solutions. They can either use a wired phone or they can get one that is encrypted or spread spectrum.

A law abiding gun owner is not going to shoot someone without very good justification - boredom certainly does not qualify.

Bill

7498. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-12-29 12:52:04 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Dec29.125204.28106@hpcvaac.cv.hp.com>
Source record: 263613

hoagy@umich.edu (Matthew T Rupert) writes:
: >
: >How can we rationalize fighting for second amendment rights when
: >we trash the right to privacy? What's the difference between a
: >law abiding gun owner shooting someone because he'd "bored" and
: >using a scanner to invade someone's privacy? There's a discrepancy
: >here.
: >
: By law, we can listen all we want. We just are not allowed
: to reveal that conversation which we heard to anyone.

Not true. It is illegal to listen to cellular phone conversations,
period - without a court order. If the recent federal law has been
signed by Bill-Bob, then it is also now illegal to listen to the
wireless phone converstations. Of course, I am only talking about
the US. Other countries have their own banned communications list.

: This means, in theory, that if we assembled 20,000 people in one
: large stadium, and intercepted a very erotic phone call, they
: could listen, hoot, holler, etc., but would not be allowed
: whatsoever to talk about it to anyone. this means they could not
: talk about it to the guy next to them.

See above.

: So you listen in on your sister talking about sex with her boyfriend.
: Or maybe pick up a drug deal. A cordless phone is not a phone ;
: it's a radio. The base unit is a phone. The rest is a hand-held
: 7-meter radio. Radio waves are radio waves. You can pick them up
: just like a police frequency. You can argue the semantics involved,
: but it's nothing more than a radio wave you're picking up.
:
: Now, if you go out and deliberately tap someone's phone line, yes,
: you are really invading privacy. Just because Aunt Mary doesn't
: understand radio waves and doesn't know her cordless phone can
: be heard by scanner enthusiasts doesn't mean she's right to scream
: "Invasion of privacy!" A radio transmission *intended* to be private
: is *not* private - it *can* be picked up by others who know how, and
: who might be listening.

That should be how things are - but our idiotic congress feels otherwise.

Bill

7499. Re: Rail Road Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-29 13:19:38 UTC
From: mulligan@ACM.ORG
Message-ID: <3dud1a$pg7@hopper.acm.org>
Source record: 263616
Cross-posted to: rec.radio.scanner,alt.radio.scanner

dsh@admin.mport.com (ducman) asks:
> Does anyone have RailRoad freqs they can post?

You might be a little more specific - the Compendium of American Railroad Radio Frequencies runs over 200 pages <g>. For the list of AAR channels (159.810 - 161.565 MHz), see the FAF on oak.oakland.edu.

Road frequencies for the lines you mentioned include:
ATSF - 160.650, 160.935, 161.190, 160.590, 160.560
SP - 161.550
UP - 160.410, 160.470, 160.515, 160.740, 160.680, 160.980

/* barry /&

7500. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-12-29 13:22:21 UTC
From: gdallal@world.std.com
Message-ID: <D1KqH9.AJA@world.std.com>
Source record: 263617

John Maio (jmaio@swcp.com) wrote:

: How can we rationalize fighting for second amendment rights when
: we trash the right to privacy? What's the difference between a
: law abiding gun owner shooting someone because he'd "bored" and
: using a scanner to invade someone's privacy? There's a discrepancy
: here.

Whose privacy is being invaded? The signals are passing directly through
my body.

7501. AR3000A Sofware

Newsgroup: rec.radio.scanner
Date: 1994-12-29 13:22:38 UTC
From: andras@helios.usq.EDU.AU
Message-ID: <andras.788707358@helios>
Source record: 263607

I am looking for and FTP site to get software to run my AR3000A
Does anybody have any information

Thanks in advance

Andras
Toowoomba Qld Australia

7502. Re: Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1994-12-29 13:26:35 UTC
From: gdallal@world.std.com
Message-ID: <D1KqoC.BHo@world.std.com>
Source record: 263618

Gino Luzader (gino@gypsy.fsl.wvnet.edu) wrote:
: I just got a RS- Pro-50 scanner for X-mas[D[D[D[D[C[C[C[C[C[D. I discovered that I can
: pick up my cordless phone. How far away can sokmeone who has a scanner
: pick up my phone? If they have an outside antenae nae how much farther waway
: can they be? My phone operaterss from 46.6-46.7.0 and 49.6-50.0. Is this
: the normal range for cordless phones?

It depends on their antenna, the strength of your phone, and what's
between 'em. Both out of the box . . . a few hundred feet, certainly. In a
large city, that's a lot of potential listeners.
BTW. Same thing applies to baby monitors!

It's illegal to listen, if that's any consolation.

7503. Re: Indiana Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-12-29 13:46:29 UTC
From: garys70072@aol.com
Message-ID: <3duejl$ekl@newsbf02.news.aol.com>
Source record: 263606

Have you ever had any problems with the police confiscating a scanner from a ham radio operator? Just wanted to know if all the cops know hams are allowed to have scanners in their cars. I also have an Indiana State Police permit to carry a scanner. Have used that once, but haven't been bothered in the past five years as a ham.

Gary

7504. Re: Rail Road Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-29 13:57:31 UTC
From: garys70072@aol.com
Message-ID: <3duf8b$elh@newsbf02.news.aol.com>
Source record: 263609

The 13th editon of the Compenium of American Railroad Radio Frequencies book will be available this spring from Kalmbach Publishing.

7505. Re: AOR 1000 SCANNER QUERY

Newsgroup: rec.radio.scanner
Date: 1994-12-29 14:35:15 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2912940929580001@alexander.terranet.com>
Source record: 263619

In article <3dt42g$rp3@hal9000.apana.org.au>, matthew@hal9000.apana.org.au (Matthew Volkmer) wrote:

> Can someone tell me from EXPERIENCE how long the memory lasts in the AOR
> 1000xlt scanner without batteries fitted?
>
> I want to remove batteries for about 6-8 hours whilst travelling on an
> aircraft. Will I lose all my frequencies?
>
> Im using 4 AA 600mh batteries now.
>
> Thanks Matthew
> matthew@hal9000.apana.org.au
>
> PS I might point out that my Realistic PRo 2028 says 2-3 days wihout
> power but mine lasted over 9 days. Also Realistic PRO 35 (same as
> BC 100xlt) says 1 hour and mine lasted at least 6 hours.

Freqs are stored in EEPROM and don't require battery back-up, as noted in the manual.

7506. BC200XLT for sale

Newsgroup: rec.radio.scanner
Date: 1994-12-29 15:18:07 UTC
From: rsharp@paul.spu.edu
Message-ID: <3dujvf$4hh@adam.spu.edu>
Source record: 263622

After seeing all the comments of "I wish I had another BC200XLT" I decided to offer mine. What a nice guy. :).

Anyways, the cell has been restored, it is very clean and in great condition. Caser, recharger, battery pack. Asking $165 or trade,

Thanks.

7507. Central VT Freqs

Newsgroup: rec.radio.scanner
Date: 1994-12-29 15:21:18 UTC
From: bcmar@panix.com
Message-ID: <3duk5e$6eo@panix.com>
Source record: 263621

I'll be visiting central Vermont (Springfield) this weekend -- would like to listen to local/state police. Should be interesting to compare with downtown NYC. Anyone have the freq's? I've checked Paul Nash's list, and there's no VT.

Thanks!
--

Bob Cmar (bcmar@panix.com)
In New York City's Colorful and Romantic Lower East Side

7508. Re: Rail Road Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-29 15:31:35 UTC
From: uport@netcom.com
Message-ID: <uportD1KwGo.FyH@netcom.com>
Source record: 263623
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Ki4je <vhealey@crl.com> writes:

>> Does anyone have RailRoad freqs they can post? Looking
>> especially for Southern Pacific, Union Pacific and Sante Fe
>Yup but I need to know the city for which you ask and the 2
>letter state abreviation.

>Victor Healey (ki4je)
>E mailto:vhealey@crl.com

==========

California - CA , Fremont, Hayward, Barstow - wherever there is
a big yard

ichard

7509. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-12-29 15:44:47 UTC
From: copeland@fohnix.metronet.com
Message-ID: <3dulhf$j4v@fohnix.metronet.com>
Source record: 263614

In article <D1KAH4.CH0@swcp.com>, John Maio <jmaio@swcp.com> wrote:
>tharrell@nmsu.edu (Thomas J. Harrell) wrote:
>>
>> Jason Al-shawy (jason.al-shawy@ectech.com) wrote:
>> : The other night I was listening to an undisclosed Freq & heard a lady
>> : talk about the style of hair she shaves her ahahah you know. Pure
>> : ENTERTAINMENT. FREE ENTERTAINMENT :)
>>
>> Three months back, in the on-campus student apartments, I was listening
>> to a cordless phone and heard a female start, ummm, "respecting" herself
>> much to the delight of her girlfriend. We were able to figure out which
>> apartment the phone was in, too. Hell, we were bored!
>>
>
>How can we rationalize fighting for second amendment rights when
>we trash the right to privacy? What's the difference between a
>law abiding gun owner shooting someone because he'd "bored" and
>using a scanner to invade someone's privacy? There's a discrepancy
>here.

The supreme court ruled that cordless phones are recognized as
radio stations, perfectly legal for anyone to listen in. One should
realize when using a cordless phone they are broadcasting to the
world and act accordingly.

Now if someone taps your phone line, thats a different matter.

I believe shooting someone does voilate at least one law.

--

| There are two types of people in this world, those who separate |
| people into groups,and those who don't. copeland@metronet.com|

7510. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-12-29 15:51:20 UTC
From: copeland@fohnix.metronet.com
Message-ID: <3dulto$k6t@fohnix.metronet.com>
Source record: 263615

In article <1994Dec29.125204.28106@hpcvaac.cv.hp.com>,
bill nelson <billn@hpcvaac.cv.hp.com> wrote:
>hoagy@umich.edu (Matthew T Rupert) writes:
>: >
>: >How can we rationalize fighting for second amendment rights when
>: >we trash the right to privacy? What's the difference between a
>: >law abiding gun owner shooting someone because he'd "bored" and
>: >using a scanner to invade someone's privacy? There's a discrepancy
>: >here.
>: >
>: By law, we can listen all we want. We just are not allowed
>: to reveal that conversation which we heard to anyone.

>Not true. It is illegal to listen to cellular phone conversations,
>period - without a court order. If the recent federal law has been
>signed by Bill-Bob, then it is also now illegal to listen to the
>wireless phone converstations. Of course, I am only talking about
>the US. Other countries have their own banned communications list.
>Bill

Dead wrong. It is illegal to listen to cellular. This is not a general
wireless law, but specifically states areas in the 800mhz range that
are illegal to receive.

A supreme court ruling defeated efforts to make cordless freq. illegal
to listen to. There is no federal law prohibiting cordless reception.

However NY and CA have state laws concerning cordless freq., no other
state have laws to this effect as of to date.

--

| There are two types of people in this world, those who separate |
| people into groups,and those who don't. copeland@metronet.com|

7511. Help! BC147XLT

Newsgroup: rec.radio.scanner
Date: 1994-12-29 16:36:22 UTC
From: rolewis@gopher.chem.wayne.edu
Message-ID: <3duoi6$6ts@gopher.chem.wayne.edu>
Source record: 263620

Hello. I got a Bearcat 147XLT-1 for christmas. It has full Display LCD. Looking from the back of the unit, I can see ALERT on the display. I called uniden, and they said the 147XLT dosen't have weather alert. Is there a way to use this....it's kind of confusing. Companys that have one thing on the box, and something else on the manual, and something else different on the unit pisses me off! Also, are there any keypad, etc. mods for the BC147XLT?? If so, please post it. Also, does anyone know the IF of the BC147XLT??

Thanks,
Ron

7512. Re: OmniTRACS system detailed in Wired (Jan 95)

Newsgroup: rec.radio.scanner
Date: 1994-12-29 16:58:55 UTC
From: rolewis@gopher.chem.wayne.edu
Message-ID: <3dupsf$70u@gopher.chem.wayne.edu>
Source record: 263477

Harold G Peach Jr (hpeach@pop.uky.edu) wrote:
: I have just finished reading about Qualcomm Inc.'s OmniTRACS system
: in the January, 1995 issue of Wired. This is the system that allows
: trucking companies to communicate with and track their trucks using
: satellite. It is a good article, but does not give a lot of the
: technical details about OmniTRACS. Does anyone know what frequencies
: or protocols these things use? Is the stuff out there to monitor them?
: ---
: Harold
: hpeach@pop.uky.edu
That is a very neat system!!! I wish I can get the book store soon and
get wired, I saw it sitting there last time, and I started to pick it up
too!! :(Well, I guess it can't be much more than what Qualcomm sent me
thanks to J.B. Hunt Transport. I'm one of J.B.'s youngest friends of the
company to date (I'm 15). If Wired didn't mention J.B. Hunt's hookup,
your missing some details. J.B. Hunt Transport didn't use the OBC's
provided with the system, instead, J.B. went to IBM to develop they're
own OBC for use in the trucks. I got a "tour" of the system when I met
one of J.B's drivers at the grocery store. It has I guess a 7-9 inch
display screen, everything is graphical and touch-screen. I think its way
better than the OBC provided by Qualcomm. Also, J.B's OBC can hookup to
pay telephones and other RADIO bases equipment like Rockwell's and
Motorolas CoveragePlus system which was recently converted over to
Qualcomm's. M.S. Carriers of Memphis, Tn was the first customer to convert
from Motorolas CoveragePlus to Qualcomm's Satellite based system.

Later,
Ron

P.S. Anyone want to know more info about the trucking industry, or
trucking companys like J.B. Hunt, Schneider National, Just write, I have
lots of information from the companys directly!

7513. Re: FirePage California

Newsgroup: rec.radio.scanner
Date: 1994-12-29 17:00:16 UTC
From: ad225@detroit.freenet.org
Message-ID: <3dupv0$hbl@detroit.freenet.org>
Source record: 263480

Just a note to say that there is a more proactive paging group
in Michigan called the Michigan Public Safety Network.

The bulk of our members are public safety personnel who contribute
messages to share. The Michigan Public Safety Network
offers more fire and/or police messages than any other system
in Michigan. That is why it is prefered by the pros.

To get in on the action, dial 313-454-6111. You may call the
same number for information on other public safety paging
groups across the nation. Our counterparts are active in about
20 communities coast to coast and we'd be pleased to refer you
to the group closest to you if you're interested.

Happy New Year to all, and happy scanning!
--
Gary Baumgarten
ad225@detroit.freenet.org

7514. Re: Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1994-12-29 17:02:12 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1994Dec29.170212.20334@news.csuohio.edu>
Source record: 263479

gdallal@world.std.com (Jerry Dallal) writes:
: Gino Luzader (gino@gypsy.fsl.wvnet.edu) wrote:
: : I just got a RS- Pro-50 scanner for X-mas[D[D[D[D[C[C[C[C[C[D. I discovered that I can
: : pick up my cordless phone. How far away can sokmeone who has a scanner
: : pick up my phone? If they have an outside antenae nae how much farther waway
: : can they be? My phone operaterss from 46.6-46.7.0 and 49.6-50.0. Is this
: : the normal range for cordless phones?

Yes, normal range for "older" cordless phones. I say "older" because
the latest offering in the cordless arena are the new 900Mhz phones
which offer digital voice transmission and spread spectrum. Both
almost make it impossible for someone to hear you talking - all they
get is digital hash noise, at best.

:
: It depends on their antenna, the strength of your phone, and what's
: between 'em. Both out of the box . . . a few hundred feet, certainly. In a
: large city, that's a lot of potential listeners.
: BTW. Same thing applies to baby monitors!
:
: It's illegal to listen, if that's any consolation.

It is NOT illegal to listen to cordless phone conversations on
your scanner, unless you live in NY or CA which have state laws
saying it's illegal. There are no federal laws prohibiting
the intercepting of cordless phone transmissions. Cordless phones
are essentially little handheld radio stations. You can hear them up
to a couple blocks with the right antenna.

And in NY and CA, even though it is supposedly illegal to do,
you can bet that anyone having a scanner in those states will listen to
cordless phones whenever the mood strikes them. Most if not all scanners
can pick up the 46-49Mhz range cordless phones. Laws or no laws,
there is nothing to prevent people from listening to your
cordless phone conversations, and it will happen.

So, I would not consider anything consoling about talking on
a cordless phone if you are looking for privacy because it
is certainly not private.

CELLULAR phones on the other hand are a whole different story. There
are federal laws that say you cannot intentionally intercept cellular
phone transmissions (or any radiotelephone services). Cordless
phones are not considered radiotelephones.

Personally, I think laws against listening to cellular phones
are a crock - they also are not "private", but the cell phone
industry lobbied enough to get the laws pushed thru so they can
go back to their customers and say "these things are private - see
there are even laws to guarantee it". There are laws against
speeding, but it happens all the time when the cops aren't around.

Just be careful what you say on your cordless, or, get a wired
phone with a long cord. Same for cellular, athough the technology
generally affords you more anonymity (but no less privacy).

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

7515. Re: OmniTRACS system detailed in Wired (Jan 95)

Newsgroup: rec.radio.scanner
Date: 1994-12-29 17:02:42 UTC
From: rolewis@gopher.chem.wayne.edu
Message-ID: <3duq3i$727@gopher.chem.wayne.edu>
Source record: 263478

: the same transponder. It's very cool technology... I have one on my
: bicycle and am building another into a small boat. Some friends at
: Qualcomm did a brilliant hack that replaces the normal OmniTRACS
: keyboard/display with a Mac comm toolbox tool, letting Eudora treat it as a
: simple POP server.

: As to monitoring the spread-spectrum data link... that would be a rather
: epic challenge.

: Steve Roberts
: Nomadic Research Labs
Is it possible that with the technology used, Qualcomm can implement
real-time chat between the dispatcher and driver and implement full
Internet Capabilities??

Later,
Ron

7516. Heelo

Newsgroup: rec.radio.scanner
Date: 1994-12-29 17:48:25 UTC
From: gandalf@midearth.system-ent.com
Message-ID: <46@midearth.system-ent.com>
Source record: 263495

Hello all

The Middle earth BBS is now Posting in this Newsgroup

7517. Re: rec.radio.scanner FAQ list, or FTP site list?

Newsgroup: rec.radio.scanner
Date: 1994-12-29 17:59:32 UTC
From: pschleck@gonix.com
Message-ID: <pschleck.788723972@gonix>
Source record: 263476

In <8V9ZXc6w200w@alcyone.darkside.com> max@alcyone.darkside.com (Erik Max Francis) writes:

>I've searched through the newsgroup and news.answers and haven't been
>able to find a FAQ list for rec.radio.scanner. Does one exist?

>What I'm really looking for is a storehouse of documents on scanning
>(primarily looking for frequencies). Does one exist via ftp?

Bob Parnass maintains a suite of articles, but they aren't
cross-posted to news.answers (they *are* crossposted to
rec.radio.info, though). Since they are registered Usenet Periodic
Information Postings (see news.lists), they are also archived at
rtfm.mit.edu every time they are posted. You can obtain them via:

ftp://rtfm.mit.edu/pub/usenet/rec.radio.scanner/

or via E-mail server:

mail-server@rtfm.mit.edu

put in the body of the message:

help
index usenet/rec.radio.scanner

(Alert readers may have already deduced that this trick generally works
for most other newsgroups as well. Substitute the newsgroup name for
"rec.radio.scanner" above.)

--
Paul W. Schleck, KD3FU
pschleck@gonix.com

7518. One more thing to think about with cordless and cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-29 18:37:48 UTC
From: Bret A Pennington <bap@storm.atms.purdue.edu>
Message-ID: <Pine.A32.3.91.941229133000.22262D-100000@storm.atms.purdue.edu>
Source record: 263475

When I first got my scanner, it dawned on me I could listen in on our
cordless and I tried it and sure enough it works. I showed same to
my two high school sons and I haven't seen them use the cordless
since.
:-)

BUT

One other thing dawned on me. I had been (PAST TENSE)
using the cordless to do my electronic banking. As you know
such a system asks you to dial in your account AND
your PASSWORD. YIKES !!!

I wonder how many passwords of all kinds go out
over scannable airwaves every day.

BRET A. PENNINGTON/COMPUTER TECHNICIAN/EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 4-0678 / PURDUE UNIVERSITY WEST LAFAYETTE, INDIANA 47907
bap@mace.cc.purdue.edu BretP26328@aol.com
\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\ N9ZFF /\/

7519. Re: FirePage California

Newsgroup: rec.radio.scanner
Date: 1994-12-29 18:48:40 UTC
From: b1y1m39@kato.Bell-Atl.Com
Message-ID: <3dv0a8$6n7@kato.bell-atl.com>
Source record: 263481

Gary Baumgarten (ad225@detroit.freenet.org) wrote:
:
: Just a note to say that there is a more proactive paging group
: in Michigan called the Michigan Public Safety Network.
:
: The bulk of our members are public safety personnel who contribute
: messages to share. The Michigan Public Safety Network
: offers more fire and/or police messages than any other system
: in Michigan. That is why it is prefered by the pros.
:
: To get in on the action, dial 313-454-6111. You may call the
: same number for information on other public safety paging
: groups across the nation. Our counterparts are active in about
: 20 communities coast to coast and we'd be pleased to refer you
: to the group closest to you if you're interested.
:
: Happy New Year to all, and happy scanning!
: --
: Gary Baumgarten
: ad225@detroit.freenet.org

Gary,

Is there any service in the Phila, PA area?

--
==
Bob Esposito | Voice/Voice-Mail: (610) 278-2595
Bell Atlantic Corp. | FAX: (610) 278-2708
Philadelphia, Pa. | Internet: b1y1m39@kato.bell-atl.com

7520. Re: One more thing to think about with cordless and cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-29 19:25:17 UTC
From: colombo@fnalv.fnal.gov
Message-ID: <1994Dec29.132517@fnalv.fnal.gov>
Source record: 263482

In article <Pine.A32.3.91.941229133000.22262D-100000@storm.atms.purdue.edu>, Bret A Pennington <bap@storm.atms.purdue.edu> writes:
>
> One other thing dawned on me. I had been (PAST TENSE)
> using the cordless to do my electronic banking. As you know
> such a system asks you to dial in your account AND
> your PASSWORD. YIKES !!!
>

Last night, I heard a cordless conversation. The people had been using a cell phone for a private conversation, but stopped and waited until they got home to continue the conversation on their cordless. I can't get cellular, so I didn't hear that part, but they started their cordless conversation with something like how their cell phone conversation could be monitored, but it's not likely that their cordless conversation would be :-). Oh, the conversation I heard was about credit card numbers.

Anyway, when I do electronic banking, I'm keying my number with a touch tone phone. So I gather there are devices readily available that can record these tones and give you the corresponding numbers?

RC

7521. Re: One more thing to think about with cordless and cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-29 20:00:30 UTC
From: richard.krum@msfc.nasa.gov
Message-ID: <3dv4gu$12j@hammer.msfc.nasa.gov>
Source record: 263483

In article <1994Dec29.132517@fnalv.fnal.gov>, colombo@fnalv.fnal.gov (Rick Colombo) says:
>
>In article <Pine.A32.3.91.941229133000.22262D-100000@storm.atms.purdue.edu>, Bret A Pennington <bap@storm.atms.purdue.edu> writes:
>>
>> One other thing dawned on me. I had been (PAST TENSE)
>> using the cordless to do my electronic banking. As you know
>> such a system asks you to dial in your account AND
>> your PASSWORD. YIKES !!!
>>
>
>
>Last night, I heard a cordless conversation. The people had been using
>a cell phone for a private conversation, but stopped and waited until
>they got home to continue the conversation on their cordless. I can't
>get cellular, so I didn't hear that part, but they started their cordless
>conversation with something like how their cell phone conversation could
>be monitored, but it's not likely that their cordless conversation would
>be :-). Oh, the conversation I heard was about credit card numbers.
>
>Anyway, when I do electronic banking, I'm keying my number with a touch
>tone phone. So I gather there are devices readily available that can
>record these tones and give you the corresponding numbers?
>

Yep. Exactly. It would be best to use only a wired phone, not cordless or cellular, to do account access stuff. Admittedly, the password used for phone banking is USUALLY NOT the same as your ATM PIN code, and USUALLY it is not possible to do anything from the phone like transfer money to another account number, but why take the risk.

The hardware to decode phone numbers, account numbers, or whatever you may send with touch-tone (DTMF) pads on a cordless or cellular phone is not only easy to obtain, it is trivial to obtain. Even a tape-recording of the phone call can be used to decode the numbers later.

As a very simple example, several of the local ham-band repeaters here read back the numbers you punch in when using the phone patch---

Bottom line--if it ain't wired, and you cannot be fairly sure it is not tapped, overheard, or scanned, DON'T use it for money or credit card transactions!

Wonderful world we live in, huh?

--Rich

****
Usual disclaimers for my casual, non-work-related opinions. I do not speak for
CSC or NASA, even on a good day. Your mileage may vary wildly, mine does!
richard.krum@msfc.nasa.gov 7743 Donegal Drive (Finally!)
Computer Sciences Corporation Huntsville, AL 35802
PO box 240005 Ham Radio: KE4GNK
Huntsville, AL 35824 147.240- or 146.520 simplex

7522. DTMF Decoder for Windows

Newsgroup: rec.radio.scanner
Date: 1994-12-29 20:20:45 UTC
From: egela003@maroon.tc.umn.edu
Message-ID: <D1L9r9.6Fu@news.cis.umn.edu>
Source record: 263485
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Has anyone come across a DTMF decoder (for soundblaster), which operates under windows (or even a GOOD one that operates under DOS)? I have a Fast Fourier Transform Program which will show the frequencies, but it is pretty time consuming to match up all those frequencies with the digit! Thanks.

Ryan

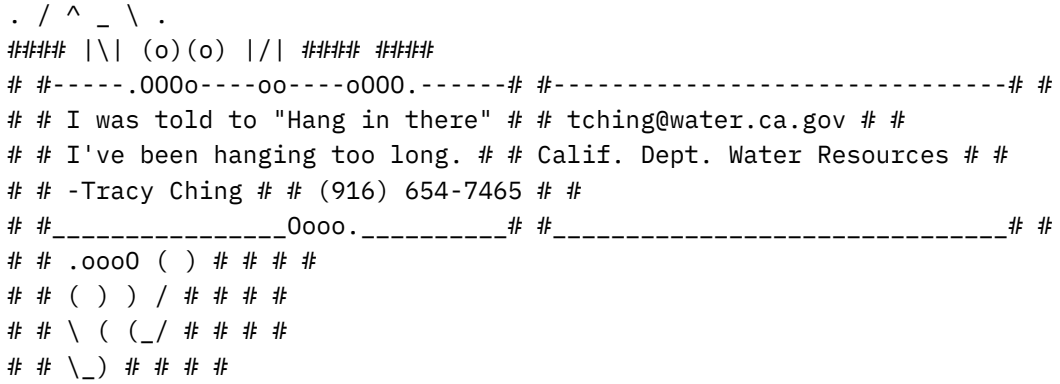
--
=-=-=-=-=-=-=-=-=-=-=-=-=
Ryan D. Egeland
EGELA003@maroon.tc.umn.edu
(612) 473-6368
=-=-=-=-=-=-=-=-=-=-=-=-=

7523. Re: California Highway Partol Repeater Fre

Newsgroup: rec.radio.scanner
Date: 1994-12-29 20:26:16 UTC
From: tching@bilge.water.ca.gov
Message-ID: <3dv618$ju6@news.csus.edu>
Source record: 263484

In article <D1HC6n.FpI@lcpd2.sandiegoca.ncr.com>,
Bill Starkgraf <wps@ElSegundoCA.ATTGIS.COM> wrote:
>In article 2712940009120001@rsg-av.com, michael.ayotte@netcom.com (Michael Ayotte)
writes:
>-->In article <3dodm1$9du@news2.delphi.com>, KDAHLQUIST@news.delphi.com
>-->(KDAHLQUIST@DELPHI.COM) wrote:
>-->>154.905 ...but I am told that they will no longer be in use with the
>-->>new radio system installed in the 95 Chevy Caprices. I understand that
>They are really called car extenders. Since CHP uses frequencies in the
>42MHz range, the extender acts like a small cross-band repeater to
>translate the 42MHz to the 154 MHz used on their handhelds. This does

In addition to all this, is that the frequency that keys up all of
the repeaters in CA? Apparently the Cal. Dept. of General Services is
installing a setup whereby the CHP can bring up all their repeaters in CA
-in phase- with each other and broadcast to all CHP people.



7524. Addendum to PRO-2035 vs. PRO-2006 MT article

Newsgroup: rec.radio.scanner
Date: 1994-12-29 20:32:31 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D1LAE7.89r@nntpa.cb.att.com>
Source record: 263486
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Addendum to:
The Radio Shack PRO-2035 Scanner:
How Does It Compare With the PRO-2006?

Copyright 1994 by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of the author.]

I compared the new 1000 channel Radio Shack PRO-2035 scanner with the discontinued PRO-2006 in my Jan. 1995 Monitoring Times Scanner Equipment Column.

Unfortunately, the article was too long to fit within the 1600 - 1800 word limit so some parts had to be cut (with my ok).

Here are the parts which do not appear in MT. The full length article is not currently available on line.

The PRO-2035 analyzed in the review was purchased from a local Radio Shack store and bears a serial number near 3000.

Here's a tip not mentioned in the owner's manual -- you can use the Auto Store mode to intentionally store the same frequency in several channels. Set both the lower and upper auto store limits to be the same frequency, open the squelch, and start the auto store search. The PRO-2035 will chug along, storing your favorite police or other frequency in all the channels in the banks you selected.

Although up conversion affords improved image rejection, triple conversion and frequency synthesis circuitry are complicated and several images were heard, especially on the PRO-2035.

On both the PRO-2006 and PRO-2035, images of paging transmitters were audible in the 159 - 162 MHz range. Analysis shows these signals to be 771.9975 MHz higher than the displayed frequency. For example, the 931.5125 MHz KOR933 paging transmitter, located more than 7 miles away, was heard when the PRO-2035 was tuned to 159.515 MHz.

A paging image hindered reception of a sheriff's repeater
in the next county on 159.15 MHz. The same paging images
were present but barely detectable on the PRO-2006.
Another image, heard only by the PRO-2035, appeared on
146.075 MHz, and it was actually a 904.075 MHz data
transmission.

The PRO-2035 received cellular phone images, reduced in
strength, between 1105 and 1115 MHz. The difference
between the actual and displayed frequencies varied:

PRO-2035 Actual Difference
tuned to transmitted
frequency
(Image) (Actual) (Actual - Image)
-------- ------- -------
1105.550 870.450 235.100
1107.875 876.120 231.755
1110.900 881.100 229.800
1113.470 886.530 226.940
1114.840 893.160 221.680
--

==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

7525. Re: Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1994-12-29 21:10:16 UTC
From: tls@gate.net
Message-ID: <3dv8jo$1va1@tequesta.gate.net>
Source record: 263487

Gino Luzader (gino@gypsy.fsl.wvnet.edu) wrote:
: I just got a RS-Pro-50 scanner for X-mas. I discovered that I can
: pick up my cordless phone. How far away can someone who has a scanner
: pick up my phone? If they have an outside antenae nae how much farther away
: can they be? My phone operater from 46.6-46.7 and 49.6-50.0. Is this
: the normal range for cordless phones? I never realized that a scanner
: could receive cordless phone transmissions. I never thought of myself as
: naive, I guess I will have to think again.

Congress passed a law this year making it illegal to listen to cordless phones, so you can feel safe now because nobody will be listening to your calls.

Before it was illegal to listen, a regular desktop scanner with the built in antenna could pick up calls from about 2 to 5 blocks away. A good external antenna might get 1/2 mile.

--
Terry Steinford
tls@gate.net

7526. Re: Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1994-12-29 21:31:57 UTC
From: mutter@umcc.umcc.umich.edu
Message-ID: <3dv9sd$skq@umcc.umcc.umich.edu>
Source record: 263489

Terry Steinford <tls@gate.net> wrote:
>Congress passed a law this year making it illegal to listen to cordless
>phones, so you can feel safe now because nobody will be listening to your
>calls. ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Now that's comedy!

7527. Re: Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1994-12-29 21:57:08 UTC
From: tls@gate.net
Message-ID: <3dvbbk$4vu@tequesta.gate.net>
Source record: 263491

Mike Mayer (mike@shien.ist.csuohio.edu) wrote:
: It is NOT illegal to listen to cordless phone conversations on
: your scanner, unless you live in NY or CA which have state laws
: saying it's illegal. There are no federal laws prohibiting
: the intercepting of cordless phone transmissions.

: CELLULAR phones on the other hand are a whole different story. There
: are federal laws that say you cannot intentionally intercept cellular
: phone transmissions (or any radiotelephone services). Cordless
: phones are not considered radiotelephones.

Unfortunately, that is not the case anymore. Congress passed a law this
fall that treats cordless phones the same as cell phones for the purpose
of prohibiting interception. This law repealed the previous law that
explicitly said intercepting cordless was legal.

The rest of this law delt with increasing the FBI capability to wiretap
modern telephones including call forwarding and other advanced features.
The law also made it illegal to clone a cell phone ESN.

Here is an excerpt:

Public Law 103-414 signed Oct 25, 1994 (was H.R. 4922)

SEC. 202. CORDLESS TELEPHONES.
(a) Definitions. - Section 2510 of title 18, United States
Code, is amended -
(1) in paragraph (1), by striking `, but such term does not
include` and all that follows through `base unit`; and
(2) in paragraph (12), by striking subparagraph (A) and
redesignating subparagraphs (B), (C), and (D) as subparagraphs
(A), (B), and (C), respectively.
(b) Penalty. - Section 2511 of title 18, United States Code, is
amended -
(1) in subsection (4)(b)(i) by inserting `a cordless
telephone communication that is transmitted between the
cordless telephone handset and the base unit,` after `cellular
telephone communication,`; and
(2) in subsection (4)(b)(ii) by inserting `a cordless
telephone communication that is transmitted between the
cordless telephone handset and the base unit,` after `cellular
telephone communication,`.

--
Terry Steinford
tls@gate.net

7528. Re: Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1994-12-29 21:59:57 UTC
From: gdallal@world.std.com
Message-ID: <D1LEFy.43x@world.std.com>
Source record: 263490

Mike Mayer (mike@shien.ist.csuohio.edu) wrote:
: It is NOT illegal to listen to cordless phone conversations on
: your scanner, unless you live in NY or CA which have state laws
: saying it's illegal. There are no federal laws prohibiting
: the intercepting of cordless phone transmissions. Cordless phones
: are essentially little handheld radio stations. You can hear them up
: to a couple blocks with the right antenna.

I thought it was made illegal about 2 months ago as part of either a
crime bill or digital communications bill. Would someone speak with
authority, please?

Thanks.

7529. Frequs. for Motorola GP-300 radios?

Newsgroup: rec.radio.scanner
Date: 1994-12-29 21:59:57 UTC
From: sternk@alumni.cs.colorado.edu
Message-ID: <3dvbgt$fo0@csnews.cs.Colorado.EDU>
Source record: 263493

I have been trying to determine what frequencies are being used by security in my office building. I asked a security person today and she replied that she didn't know the frequencies but that she sometimes hears transmissions from the building across the street.

The radio she was using was a Motorola GP-300. It had about a 6" antenna that was 1/2" thick.

I've tried scanning all the 'dot' and 'star' frequencies I've seen posted here but haven't heard anything yet. I've also just done random searches of the radio spectrum. While this has resulted in my finding other some-what interesting frequencies, I haven't heard anything that I thought was security here.

Does anyone know what frequencies are used by this model unit?

~Ken

7530. Re: One more thing to think about with cordless and cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-29 22:36:37 UTC
From: tls@gate.net
Message-ID: <3dvdll$cf7@tequesta.gate.net>
Source record: 263496

Rick Colombo (colombo@fnalv.fnal.gov) wrote:
: Anyway, when I do electronic banking, I'm keying my number with a touch
: tone phone. So I gather there are devices readily available that can
: record these tones and give you the corresponding numbers?

Of course there are, how do you think the bank computer knows what number
you are pressing?

--
Terry Steinford
tls@gate.net

7531. WANTED: AR8000

Newsgroup: rec.radio.scanner
Date: 1994-12-29 22:49:02 UTC
From: mmjjmm@post.its.mcw.edu
Message-ID: <3dvecu$t47@post.its.mcw.edu>
Source record: 263492
Cross-posted to: rec.radio.scanner,rec.radio.swap,rec.radio.shortwave

I am looking for an AR8000 in mint condition. I would pay cash or trade a
PRO-43 that is cellular restorable plus cash. If you are interested
please send e-mail.
--
Michael J. Malloy Amateur Radio N9WJV
Medical College of Wisconsin Compuserve 70334,3563
Milwaukee, Wisconsin Internet mmjjmm@post.its.mcw.edu

7532. City of Ventura, CA police freq's.

Newsgroup: rec.radio.scanner
Date: 1994-12-29 22:57:46 UTC
From: henderson@mln.com
Message-ID: <1994Dec29.145746@cam1>
Source record: 263494

Hello,

I'm looking for the frequencies for the City of Ventura police department.

Thanks.

--
Javier Henderson (JH21)
henderson@mln.com

7533. Re: One more thing to think about with cordless and cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-29 23:11:08 UTC
From: fd@wwa.com
Message-ID: <3dvfmc$pd0@sashimi.wwa.com>
Source record: 263499

Terry Steinford (tls@gate.net) wrote:
: Rick Colombo (colombo@fnalv.fnal.gov) wrote:
: : Anyway, when I do electronic banking, I'm keying my number with a touch
: : tone phone. So I gather there are devices readily available that can
: : record these tones and give you the corresponding numbers?

: Of course there are, how do you think the bank computer knows what number
: you are pressing?

: --
: Terry Steinford
: tls@gate.net

A $3 IC will do it, if you want to interface or... or use your modem...
many (with voice capability) will do it. My Zoom Voice/Fax/Modem does it
AT#CLS=8
AT#VLS=1

ANd the tones show up in ascii on the screen

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback? With name?
email for uuencoded .TIF of T-Shirt Honoring the FBI
Remember, fd _IS FOR_ Full Disclosure!

7534. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-12-29 23:26:25 UTC
From: gdallal@world.std.com
Message-ID: <D1LIG1.9w1@world.std.com>
Source record: 263501

Charles Copeland (copeland@fohnix.metronet.com) wrote:

: A supreme court ruling defeated efforts to make cordless freq. illegal
: to listen to. There is no federal law prohibiting cordless reception.

Courtesy of tls@gate.net (Terry Steinford)

Public Law 103-414 signed Oct 25, 1994 (was H.R. 4922)

SEC. 202. CORDLESS TELEPHONES.
(a) Definitions. - Section 2510 of title 18, United States
Code, is amended -
(1) in paragraph (1), by striking `, but such term does not
include` and all that follows through `base unit`; and
(2) in paragraph (12), by striking subparagraph (A) and
redesignating subparagraphs (B), (C), and (D) as subparagraphs
(A), (B), and (C), respectively.
(b) Penalty. - Section 2511 of title 18, United States Code, is
amended -
(1) in subsection (4)(b)(i) by inserting `a cordless
telephone communication that is transmitted between the
cordless telephone handset and the base unit,` after `cellular
telephone communication,`; and
(2) in subsection (4)(b)(ii) by inserting `a cordless
telephone communication that is transmitted between the
cordless telephone handset and the base unit,` after `cellular
telephone communication,`.

7535. Bearcat scanner in the UK

Newsgroup: rec.radio.scanner
Date: 1994-12-30 00:00:04 UTC
From: stuartb@fdnebbs.demon.co.uk
Message-ID: <1b1_9412300308@fdnebbs.demon.co.uk>
Source record: 263508

Hi guys,
I have my trusty Bearcat 200 XLT, but no doubt at sometime the
NI-CAD battery will breathe its last.
Anybody know of a UK service centre, preferably in the Midlands

Stu

... E-mail stuartb@fdnebbs.demon.co.uk

7536. Re: Pro 43 mod help needed

Newsgroup: rec.radio.scanner
Date: 1994-12-30 00:38:10 UTC
From: dvoelker@leland.Stanford.EDU
Message-ID: <3dvkpi$rar@nntp.Stanford.EDU>
Source record: 263497

In article <D1JK52.48B@world.std.com>,
Jerry Dallal <gdallal@world.std.com> wrote:
>David Voelker (dvoelker@leland.Stanford.EDU) wrote:
>: In article <1994Dec21.232211@hnrc.tufts.edu>,
>: Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
>: >In article <42898@dog.ee.lbl.gov>, mattho@goanna.lbl.gov (Matt Ho) writes:
>: >>
>: >> BTW, how can I tell whether my scanner is modifiable or not?
> ^^^^^^^^^^ the subject line
> specified a PRO-43
>: >
>: >A in serial number = no
>: >no A in serial number = yes
>
>: Could someone else please confirm or refute this in the case of
>: Pro-43's? I know for a fact that it is _not_ true of Pro-39's, having
>: modified one with an "A" in the SN.
>
>I know you don't believe me, but believe me. It's true. No one has
>reported modifying a 43 with an A in the serial number; no one has
>reported being unsuccessful modifying a unit without the A in the S/N.
>A 39 is not a 43.

No offense intended by my asking for a second opinion -- there have
been earlier posts contradicting yours; hence the need to hear from
others. The fact that the "A=nonmodifiable" rule is not true of
Pro-39's is certainly reason to suspect it may not for Pro-43's either
considering (1) they're proximate models (2) made by the same
manufacturer and (3) their serial numbers have the same digit-letter-
digit form.
So again -- can others (besides Jerry, whom I thank and now ask to
take a seat) please confirm or deny that any Pro-43 with an "A" in the
SN is non-modifiable? I've got a week-old 43 (SN 4A3) that I need to
decide whether to return before I open the puppy up.

--
=-=-=-

7537. Re: WANTED: AR8000

Newsgroup: rec.radio.scanner
Date: 1994-12-30 00:42:58 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3dvl2i$14v@nntp.crl.com>
Source record: 263500
Cross-posted to: rec.radio.scanner,rec.radio.swap,rec.radio.shortwave

> I am looking for an AR8000 in mint condition. I would pay cash or trade a
> PRO-43 that is cellular restorable plus cash. If you are interested
> please send e-mail.

Having both a pro 43 and an ar8000, I find it ridiculous to
believe that anyone would take your offer seriously.
Anyone with the brains to buy and use an ar8000 isn't likely
to want to part from it much less consider a pro43.One who
finds the radio too complicated would merely return it for a
full refund.

The only thing your post accomplishs is to offer
a market for someone who may be in a position to steal one
and needs to unload it fast.

By the way I have a well used Pro 43 which you
may buy for $250 if you would like to mail me that amount.

Victor Healey (ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

7538. Re: Addendum to PRO-2035 vs. PRO-2006 MT article

Newsgroup: rec.radio.scanner
Date: 1994-12-30 00:54:25 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3dvlo1$14v@nntp.crl.com>
Source record: 263498
Cross-posted to: rec.radio.scanner,alt.radio.scanner

> Here's a tip not mentioned in the owner's manual -- you can
> use the Auto Store mode to intentionally store the same
> frequency in several channels. Set both the lower and
> upper auto store limits to be the same frequency, open the
> squelch, and start the auto store search. The PRO-2035
> will chug along, storing your favorite police or other
> frequency in all the channels in the banks you selected.
>

An interesting item Bob. I can guess why it is not mentioned in
the manual.
ha ha

Another handhled scanner will not do this while auto storing
frequencies. It is smart enough to check and see if the freq
has already been found then it skips storing it again
wasting valuable memory, you only have a bank of 50
to store freq automatically with this handheld. I guess
the unit you refer to above has memory to burn and there was
no need to program in a check during the design phase.

Victor Healey (ki4je)
E mailto:vhealey@crl.com

AR8000 Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

7539. BC 2500XLT for sale.....

Newsgroup: rec.radio.scanner
Date: 1994-12-30 01:04:52 UTC
From: conduit@aol.com
Message-ID: <3dvmbk$idd@newsbf02.news.aol.com>
Source record: 263503

I have a BC 2500 XLT for sale only 5 mos old and I do believe it is cell restorable. Just trying to clean up my shack. Anyways will sell for $300 obo. Will pay for shipping UPS COD to anyone who is interested. Or else will trade for unmodified 200 XLT plus cash same shipping terms apply. If interested leave mail at:

AOL:
Conduit
or
conduit@aol.com

Thanks!

Glenn
KD6GQN

7540. Re: Help on first scanner !!

Newsgroup: rec.radio.scanner
Date: 1994-12-30 01:38:53 UTC
From: jcosiman@clark.net
Message-ID: <3dvobd$qo2@clarknet.clark.net>
Source record: 263506

Robert (stewarrh@ttown.apci.com) wrote:
: I'm lloking to by a first scanner and I don't even know where
: to start. I just bought QST and I'm looking for other research materials
: on scanners. Is there a FAQ on scanners ? Also, does anyone have any
^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Try rtfm.mit.edu /pub/usenet-by-group/rec.radio.scanner. Bob Parnass has done an excellent job at putting together a bunch 'o faqs.

: suggestions on what type of scanner a Newbee should buy ? I do want the

It really depends on what you see your scanning preferences to be. I bought a handheld scanner as my first (and still only scanner) I have the Rad Shack Pro-51. It has a lot of intermod problems, but I still am fairly pleased with it. I decided to get the handheld first and then eventually save my beans and get a high-end table-top unit - perhaps an Icom. But for now, I like being able to carry my scanner wherever I go.

: ablilty to scan cell phone frequencies.

I believe the Pro-51 is /still/ cell modifiable, but I'm not sure, as I haven't kept up on it.

Read Monitoring Times for reviews of scanner. Find and join a local scanning club...

--
+---+
| jcosiman@clark.net |
| |
| Finger for PGP public key |
+---+

7541. Re: Betty Bearcat

Newsgroup: rec.radio.scanner
Date: 1994-12-30 01:44:37 UTC
From: jcosiman@clark.net
Message-ID: <3dvom5$qo2@clarknet.clark.net>
Source record: 263507

Ki4je (vhealey@crl.com) wrote:
: I paid 99 cents for one of these books.
: What a waste of money!

You're lucky - I paid $9. For crap...

--
+--+
| jcosiman@clark.net |
| |
| Finger for PGP public key |
+--+

7542. Re: BC200XLT for sale

Newsgroup: rec.radio.scanner
Date: 1994-12-30 02:12:05 UTC
From: Ron <rsharp@paul.spu.edu>
Message-ID: <Pine.OSF.3.91.941229181122.10659F-100000@paul.spu.edu>
Source record: 263510

Received several bights just today! I'm going to stick with my $165 and
shipping. Thanks for the offer though.

On Thu, 29 Dec 1994 salavi@unity.ncsu.edu wrote:

> In article <3dujvf$4hh@adam.spu.edu> you write:
> >After seeing all the comments of "I wish I had another BC200XLT" I
> >decided to offer mine. What a nice guy. :).
> >
> >Anyways, the cell has been restored, it is very clean and in great
> >condition. Caser, recharger, battery pack. Asking $165 or trade,
> >
> >Thanks.
>
>
> I'll give you $125 shipped.
>
> >>> Please include this message for reference <<<
> ====== S. Alavi [salavi@unity.ncsu.edu] (919)467-7909 (H) ========
> (919)856-3817 (W)
>

7543. Re: BC200XLT for sale

Newsgroup: rec.radio.scanner
Date: 1994-12-30 02:13:06 UTC
From: Ron <rsharp@paul.spu.edu>
Message-ID: <Pine.OSF.3.91.941229181222.10659G-100000@paul.spu.edu>
Source record: 263511

On Thu, 29 Dec 1994, Thomas Ngo wrote:

> In article <3dujvf$4hh@adam.spu.edu> you wrote:
> : After seeing all the comments of "I wish I had another BC200XLT" I
> : decided to offer mine. What a nice guy. :).
>
> : Anyways, the cell has been restored, it is very clean and in great
> : condition. Caser, recharger, battery pack. Asking $165 or trade,
>
> Wanna trade that for copies of OS/2 + Lotus SmartSuite?
>
>
No thanks. Not interrested in either, but do appreciate the offer. I'm
into small electronic gadgets though.

7544. Re: Addendum to PRO-2035 vs. PRO-2006 MT article

Newsgroup: rec.radio.scanner
Date: 1994-12-30 02:22:21 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D1LqL9.9Iz@nntpa.cb.att.com>
Source record: 263502
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3dvlo1$14v@nntp.crl.com>, Ki4je <vhealey@crl.com> wrote:

>Another handhled scanner will not do this while auto storing
>frequencies. It is smart enough to check and see if the freq
>has already been found then it skips storing it again
>wasting valuable memory, you only have a bank of 50
>to store freq automatically with this handheld.....

Here's another data point.
Today I received both the new Uniden/Bearcat base/mobile
BC9000XLT and portable BC3000XLT scanners.

The BC9000XLT search & store is quite civilized and will only
store unique frequencies found during a search.

The BC3000XLT's battery is still charging and I haven't tried
it yet.
--

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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

7545. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-12-30 02:51:07 UTC
From: cremer@delphi.com
Message-ID: <9412292148591.DLITE.cremer@delphi.com>
Source record: 263505

>How can we rationalize fighting for second amendment rights when
>we trash the right to privacy? What's the difference between a
>law abiding gun owner shooting someone because he'd "bored" and
>using a scanner to invade someone's privacy? There's a discrepancy
>here.

If you can't see the difference between listening to someone and shooting
them, then there's a discrepancy between your ears!

7546. Need Motorola FlipPhone Info/Caveats

Newsgroup: rec.radio.scanner
Date: 1994-12-30 03:35:50 UTC
From: cg1@ssnet.com
Message-ID: <3dvv6m$7kr@marlin.ssnet.com>
Source record: 263517

I just subscribed to Comcast/Cellular One, and chose a low-budget Motorola Flip Phone to do my talking. I remember much net-talk about these phones before I ever thought I'd own one, and now can't find any current info on their possible mis-use (i.e. how easy it is to steal my ESN, or override the lockout code I put on it, etc.) The only thing I can remember had to do with grounding the center pin at power-up [to do something I can't remember, and the manual poorly describes].

Any info about test modes, overrides, etc. would be greatly appreciated as a posting or as email to cg1@ssnet.com Thanks.

7547. Re: Rail Road Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-12-30 03:56:49 UTC
From: danm@pnw.net
Message-ID: <3e00e1$b4r@cascade.pnw.net>
Source record: 263504
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <D1J1JM.2Lo@admin.mport.com>, ducman <dsh@admin.mport.com> wrote:
>Does anyone have RailRoad freqs they can post? Looking
>especially for Southern Pacific, Union Pacific and Sante Fe

Richard,

It depends on where you are. These are all big systems and
frequncy use varies widely with several in some areas for dispatch, MoW,
PBX, switching, etc. For UPRR I'd start with 160.470, 160.740, 160.410
and 160.515. The road-dispatch is usually on one of those four. EsPee
often uses 160.550, I think (correction someone?). I've forgotten the
AT&SF freq. You really need a copy of the Compendium of North American RR
Freqs, published by Kalmbach books (the folks who publish TRAINS
magazine). It is advertised there every month and is DEFINITELY worht the
money. Good luck.

--
==
+ Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ... +
+ Auburn, WA | and whoever is playing against the New York Mets! +
+ GEnie:D.MORISSEAU |I-NET:danm@pnw.net (preferred) OR danm@prostar.com +

7548. Re: FirePage California

Newsgroup: rec.radio.scanner
Date: 1994-12-30 04:15:38 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3e01ha$da6@umcc.umcc.umich.edu>
Source record: 263522

For a paging system really preferred by the pro's call 810-772-4423 and ask for Garry. It's the Fire Notification Network of Michigan, Detroit's First & Largest. We have numerous members of the Detroit Fire Department and many of the Executives from the department on our network. Being first we have had time to work out the bugs from the system. We verify all of our pages and strive for accuracy. We only page the Larger Fires in the area that require additional equipment or 2nd alarms or higher in Detroit.
I'll venture to say we are proactive! We verify everything..Our Motto is Quality NOT QUANITITY.....We too offer Police and or Fire..

Les Butler HAPPY NEW YEAR SCANNISTS!

7549. Uniden Beartracker BCT2 M

Newsgroup: rec.radio.scanner
Date: 1994-12-30 05:13:00 UTC
From: jason.al-shawy@ectech.com
Message-ID: <9412292225182028@ectech.com>
Source record: 263512

M:)Does anyone know if there are any mods for this scanner?

M:)Could anyone tell me what would be a good portable scanner that
M:)will pick up 800 and 900 mhz.

M:)Are there any that pick up Tac Chanels?

M:)Thanks

Try AOR 1200 or 1000 bitchen scanner.
---
* QMPro 1.52 * Me, indecisive? I'm not so sure about that.

7550. Re: AOR 1000xlt

Newsgroup: rec.radio.scanner
Date: 1994-12-30 05:14:00 UTC
From: jason.al-shawy@ectech.com
Message-ID: <9412292225182029@ectech.com>
Source record: 263513

I own one & love it. Get one I say.

MV:)Does anyone have any reviews of the aor 1000xlt? Good/bad? Features?

MV:)Thanks matthew@hal9000.apana.org.au

MV:)PS Please email me
---
* QMPro 1.52 * Do not programm in COBOL if you can avoid it.

7551. AR 2002

Newsgroup: rec.radio.scanner
Date: 1994-12-30 06:31:04 UTC
From: cdiehl@freenet.columbus.oh.us
Message-ID: <3e09f8$lme@acme.freenet.columbus.oh.us>
Source record: 263509

I own an AR 2002 scanner and have never come across any modifications for this unit. I would appreciate it if anyone knew of any. I have been happy with this unit but compared with the hyper-scan offered on some of the new units, mine is consider to be a sloth. Speed is much desired.

Thanks,
wild-e-coyote

7552. Re: One more thing to think about with cordless and cellular

Newsgroup: rec.radio.scanner
Date: 1994-12-30 06:40:26 UTC
From: O1EVERT@VM1.CC.UAKRON.EDU
Message-ID: <1709C1791S86.O1EVERT@VM1.CC.UAKRON.EDU>
Source record: 263514

In article <Pine.A32.3.91.941229133000.22262D-100000@storm.atms.purdue.edu>
Bret A Pennington <bap@storm.atms.purdue.edu> writes:

>One other thing dawned on me. I had been (PAST TENSE)
>using the cordless to do my electronic banking. As you know
>such a system asks you to dial in your account AND
>your PASSWORD. YIKES !!!

Someone could record the DTMF tones and call your bank and play the
tape in the phone and really screw-up your checking account!

>I wonder how many passwords of all kinds go out
>over scannable airwaves every day.

Too many. I work at a computer-oriented help desk. Before I ask for
the persons user ID (to check their accounts validity, etc.) I ask
them if they are using a cordless phone. Sometimes I can hear a buzz
or some interference. If they are on a cordless - I ask them to
change phones and then give me their ID. An ID by itself may not be of
any use, but too many times they say my ID is.... and my password is....
(They still give their password even though don't need nor ask for it.)

A local Monkey Ward store uses cordless telephones too. Mostly sales
people get calls about some product, etc. but I have heard them call
the credit department when there is a problem with a credit transaction
on their POS terminals.

I have a couple neighbors that admitted listening to our cordless calls
and knowing all along that I was 'broadcasting' to the neighborhood
anyway, I (hopefully) piss them off when I ask my wife to switch phones
just before the conversation starts getting good.

7553. Re: Pro 43 mod help needed

Newsgroup: rec.radio.scanner
Date: 1994-12-30 08:16:49 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Dec30.081649.16754@hpcvaac.cv.hp.com>
Source record: 263520

dvoelker@leland.Stanford.EDU (David Voelker) writes:

: been earlier posts contradicting yours; hence the need to hear from
: others. The fact that the "A=nonmodifiable" rule is not true of
: Pro-39's is certainly reason to suspect it may not for Pro-43's either
: considering (1) they're proximate models (2) made by the same
: manufacturer and (3) their serial numbers have the same digit-letter-
: digit form.
: So again -- can others (besides Jerry, whom I thank and now ask to
: take a seat) please confirm or deny that any Pro-43 with an "A" in the
: SN is non-modifiable? I've got a week-old 43 (SN 4A3) that I need to
: decide whether to return before I open the puppy up.

It appears that you may be confusing the serial number with the date code. The date code is inside the battery compartment, and is of the form xxAy, where the xx is the month of the year, the A is always present, and the 3 is the year.

A 4A3 will be modifiable, since it was manufactured in April of 1993. There have been several people who have posted here stating that they had a 4A4 and that it could not be modified - no diodes present.

Bill

7554. RS Pro 2032 for sale

Newsgroup: rec.radio.scanner
Date: 1994-12-30 08:24:20 UTC
From: rsharp@paul.spu.edu
Message-ID: <3e0g3k$hhc@adam.spu.edu>
Source record: 263516

I have a new, in the box pro 2032 for sale. Best offer or trade for some small electronic gadget stuff?

7555. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-12-30 08:25:53 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Dec30.082553.16832@hpcvaac.cv.hp.com>
Source record: 263523

copeland@fohnix.metronet.com (Charles Copeland) writes:
: In article <1994Dec29.125204.28106@hpcvaac.cv.hp.com>,
: bill nelson <billn@hpcvaac.cv.hp.com> wrote:
:
: >Not true. It is illegal to listen to cellular phone conversations,
: >period - without a court order. If the recent federal law has been
: >signed by Bill-Bob, then it is also now illegal to listen to the
: >wireless phone converstations. Of course, I am only talking about
: >the US. Other countries have their own banned communications list.
: >Bill
:
: Dead wrong. It is illegal to listen to cellular. This is not a general
: wireless law, but specifically states areas in the 800mhz range that
: are illegal to receive.
:
: A supreme court ruling defeated efforts to make cordless freq. illegal
: to listen to. There is no federal law prohibiting cordless reception.

There is, if the recent law that I mentioned was signed by the prez.
Cordless phones were specifically added.

I will try to find the relevant legislation. I believe it was snuck
through as part of the enabling legislation for FCC funding.

Bill

7556. Re: news radio 1010am wins trafic cam

Newsgroup: rec.radio.scanner
Date: 1994-12-30 08:26:05 UTC
From: dra@pipeline.com
Message-ID: <3e0g6t$t77@pipe2.pipeline.com>
Source record: 263515

Not sure - but I believe the cameras are hard-wired/operate on telco lines.

--
David R. Alpert

7557. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-12-30 08:27:49 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Dec30.082749.16897@hpcvaac.cv.hp.com>
Source record: 263524

gdallal@world.std.com (Jerry Dallal) writes:
: Charles Copeland (copeland@fohnix.metronet.com) wrote:
:
: : A supreme court ruling defeated efforts to make cordless freq. illegal
: : to listen to. There is no federal law prohibiting cordless reception.
:
: Courtesy of tls@gate.net (Terry Steinford)
:
: Public Law 103-414 signed Oct 25, 1994 (was H.R. 4922)

... deleted to save space ...

Thank you. That was the legislation that I was remembering. Since it
was signed, it is now just as illegal to listen to cordless phones as
it is to listen to cellular phones.

Bill

7558. Re: Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1994-12-30 08:31:01 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Dec30.083101.17022@hpcvaac.cv.hp.com>
Source record: 263521

mike@shien.ist.csuohio.edu (Mike Mayer) writes:
: : large city, that's a lot of potential listeners.
: : BTW. Same thing applies to baby monitors!
: :
: : It's illegal to listen, if that's any consolation.
:
: It is NOT illegal to listen to cordless phone conversations on
: your scanner, unless you live in NY or CA which have state laws
: saying it's illegal. There are no federal laws prohibiting
: the intercepting of cordless phone transmissions. Cordless phones
: are essentially little handheld radio stations. You can hear them up
: to a couple blocks with the right antenna.

See other threads. It IS illegal to listen to cordless phones, by
federal law. Your information is out of date.

Bill

7559. AOR 8000 partial toward my Rolex

Newsgroup: rec.radio.scanner
Date: 1994-12-30 08:42:59 UTC
From: rsharp@paul.spu.edu
Message-ID: <3e0h6j$i52@adam.spu.edu>
Source record: 263519

Will consider an AOR 8000 as a partial trade toward my Rolex GMT Master. It works great, looks great. Genuine... all of it! New Bezzel.

Asking $1200 for the Rolex, and selling it to get an AOR 8000, so maybe ya wanna get my Rolex and maybe you have an AOR 8000 (or better model if one exists)?

7560. out of country scanners

Newsgroup: rec.radio.scanner
Date: 1994-12-30 08:59:04 UTC
From: jbw@aloha.com
Message-ID: <3e0i4o$e0n@mango.aloha.com>
Source record: 263518

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